Eastern Kentucky University
Undergraduate Catalog
1991-1993

Contents

Accreditations and Memberships .......................................................... 2
1991-93 University Calendar ............................................................ 4
PART ONE—The University ............................................................... 7
  Introduction .................................................................................. 7
  History ......................................................................................... 7
  Purpose ....................................................................................... 7
  Mission Statement ...................................................................... 8
  Goals ......................................................................................... 8
PART TWO—Student Services Information ......................................... 11
  Expenses .................................................................................... 11
  Living Accommodations ............................................................... 14
  Student Health Services ............................................................... 15
  Counseling Center and Student Service Offices .............................. 15
  Financial Assistance ..................................................................... 16
  Student Organizations and Activities ............................................ 17
  Student Identification Card ........................................................... 17
  Social Activities .......................................................................... 17
  Student Automobiles ..................................................................... 18
  Library Services ........................................................................... 18
  The Alumni Association ............................................................... 18
  Privacy Act of 1974 ..................................................................... 19
PART THREE—General Academic Information .................................... 20
  Admission to the University ......................................................... 20
  Academic Programs ....................................................................... 21
  Baccalaureate Degree Requirements ............................................ 23
  General Education Requirements .................................................. 24
Associate Degree Requirements ....................................................... 26
Academic Regulations ....................................................................... 26
Graduation ....................................................................................... 31
PART FOUR—Academic Divisions ....................................................... 32
  Course Prefixes ............................................................................ 32
  Course Numbering ....................................................................... 33
  Course Descriptions .................................................................... 33
  The Office of Academic Support and Undergraduate Studies ....... 34
  Division of Extended Programs .................................................... 39
  College of Allied Health and Nursing ......................................... 43
  College of Applied Arts and Technology ..................................... 61
  College of Arts and Humanities .................................................. 67
  College of Business ...................................................................... 109
  College of Education .................................................................... 127
  College of Health, Physical Education, Recreation, and Athletics .... 141
  College of Law Enforcement ........................................................ 151
  College of Natural and Mathematical Sciences ............................ 161
  College of Social and Behavioral Sciences ................................. 185
  The Graduate School ................................................................... 202
PART FIVE—Official Directory ........................................................... 206
  Board of Regents .......................................................................... 206
  Administrative Staff ...................................................................... 206
  Faculty ........................................................................................ 210

This publication was prepared by Eastern Kentucky University and paid from state funds.
Accreditations and Memberships

ACCREDITATIONS

EASTERN KENTUCKY UNIVERSITY IS ACCREDITED BY THE COMMISSION ON COLLEGES OF THE SOUTHERN ASSOCIATION OF COLLEGES AND SCHOOLS TO AWARD ASSOCIATE, BACCALAUREATE, MASTER, AND SPECIALIST IN EDUCATION DEGREES.

American Medical Association/Committee on Allied Health Education and Accreditation:
- Emergency Medical Technician-Paramedic (Associate Degree Program)
- Medical Assisting Technology (Associate Degree Program)
- Medical Record Science (Associate and Baccalaureate Degree Programs)
- Certificate and Post-Baccalaureate Programs (Associate and Baccalaureate Degree Programs)
- Medical Technology (Associate and Baccalaureate Degree Programs)
- Occupational Therapy (Baccalaureate Degree Program)

American Speech-Language-Hearing Association
- Public Services Board (Clinic)
- Education and Training Board (Graduate Degree Program)

Council on Social Work Education
- (Baccalaureate Degree Program - B.S.W. Degree)

Foundation for Interior Design Education and Research
- (Baccalaureate Degree Program)

National Association for the Education of Young Children

National Association of Industrial Technology

National Association of Schools of Music

National Association of Schools of Public Affairs and Administration
- (Master of Public Administration Degree Program)

MEMBERSHIPS

Academy of Criminal Justice Services
American Assembly of Collegiate Schools of Business
American Association of Colleges of Nursing
American Association of Colleges for Teacher Education
American Association of Collegiate Registrars and Admission Officers
American Association for Paralegal Education
American Association of State Colleges of Agriculture and Renewable Resources
American Association of State Colleges and Universities
American Association of University Women
American College Health Association
American Council for Construction Education
American Council on Education
American Historical Association
American Home Economics Association
American Hospital Association
American Medical Record Association
American Political Science Association

National Athletic Trainers Association
National Council for the Accreditation of Environmental Health Curricula (Environmental Health Science)
National Council for Accreditation of Teacher Education
National League for Nursing (Associate and Baccalaureate Degree Programs)
National Recreation and Park Association/American Association of Leisure and Recreation Joint Council on Accreditation

PROGRAMS, AS NOTED BELOW, ARE APPROVED BY ACCREDITING AGENCIES.

American Bar Association
- Paralegal (Associate and Baccalaureate Degree Programs)

American Chemical Society
- Chemistry (Bachelor of Science Degree Program)

The American Dietetics Association
- General Dietetics (Baccalaureate Degree Program)
- Association of Graduate Faculties in Public Health
- Community Nutrition (Master of Science Degree Program)

Council of Applied Masters Programs in Psychology
- Clinical Psychology (Master of Science Degree Program)

School Psychology
- (Specialist in Psychology Degree Program)

Kentucky Department of Education
- School Psychology (Specialist in Psychology Degree Program)

American Society of Allied Health Professions
American Society of Human Genetics
American Technical Education Association
Associated Schools of Construction
Association for Computing Machinery
Association for General and Liberal Studies
Association for Gerontology in Higher Education
Association for School, College, and University Staffing, Inc.
Association for University Interior Designers
Association of Collegiate Business Schools and Programs
Association of Departments of English
Association of Governing Boards of Universities and Colleges
Association of Graduate Faculties in Public Health Nutrition
Association of Schools of Journalism and Mass Communication
Broadcast Education Association
Broadcast Promotion and Marketing Executives Association
College Placement Council, Inc.
Conference of Southern Graduate Schools
Council for Advancement and Support of Education
Council of Colleges of Arts and Sciences  
Council of Graduate Departments of Psychology  
Council of Graduate Schools  
Council on Social Work Education  
International Reading Association  
International Technology Education Association  
National Association for Business Teacher Education  
National Association for the Exchange of Industrial Resources  
National Association for Foreign Student Affairs  
National Association of Advisors for the Health Professions  
National Association of College and University Attorneys  
National Association of Colleges and Teachers of Agriculture  
National Association of Industrial Technology  
National Association of School Music Dealers, Inc.  
National Association of Schools of Music  
National Association of Schools of Public Affairs and Administration  
National Association of Student Personnel Administrators

All statements in this publication are announcements of present policy only and are subject to change at any time without prior notice. They are not to be regarded as offers to contract.

Eastern Kentucky University is an Equal Opportunity-Affirmative Action employer and does not discriminate on the basis of age, race, color, religion, sex, handicap, or national origin in the admission to, or participation in, any educational program or activity which it conducts, or discriminate on such basis in any employment opportunity. Any complaint arising by reason of alleged discrimination shall be directed in writing to the Affirmative Action Officer, Million House, Eastern Kentucky University, Richmond, KY 40475, telephone number (606) 622-1258.

The Board of Regents of Eastern Kentucky University does hereby reaffirm that neither race, nor creed, nor color, nor sex, nor handicap shall be a criterion for admission to any part of any program or activity conducted by Eastern Kentucky University.

Eastern Kentucky University is an Equal Opportunity/Affirmative Action educational institution.

Eastern Kentucky University is committed to providing a healthy and safe environment for its students, faculty, and staff. In order to fulfill this commitment and to comply with the Drug-Free Workplace Act of 1988 and the Drug-Free Schools and Communities Act Amendment of 1989, Eastern Kentucky University gives the following notice:

By University regulations, federal laws, state laws, and local ordinances, students, faculty, and staff are prohibited from the unlawful possession, use, dispensation, distribution, or manufacture of illicit drugs on University property or University sponsored activities.

Any member of the University student body, faculty, or staff who violates these standards of conduct shall be subject to appropriate disciplinary action up to and including suspension and/or termination. In addition to disciplinary sanctions relating to the above offenses, students or employees may face prosecution and imprisonment under federal and/or state laws which make such acts felony and misdemeanor crimes. The specifically defined standards or conduct, the disciplinary procedures and possible sanctions appear in the Student Handbook and the Faculty/Staff Handbook. A pamphlet describing legal sanctions and health hazards associated with drug use and available educational and counseling programs is available at the counseling center.
# UNIVERSITY CALENDAR

## FALL SEMESTER 1991

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August</td>
<td>18</td>
<td>Residence halls open, 12:00 noon.</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>Wrap-up registration begins.</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>Wrap-up registration period ends.</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>Schedule Change (&quot;Drop-Add&quot;) period begins.</td>
</tr>
<tr>
<td>September</td>
<td>22</td>
<td>Day and evening classes begin as scheduled.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late registration period begins.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Evening registration period begins, 4:15-6:00 p.m.</td>
</tr>
<tr>
<td>September</td>
<td>27</td>
<td>Late registration and schedule change periods for day classes end.</td>
</tr>
<tr>
<td>October</td>
<td>28</td>
<td>Evening registration and schedule change periods for evening classes end.</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Holiday. No classes.</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>Holiday. No classes.</td>
</tr>
<tr>
<td>September</td>
<td>16</td>
<td>Last day to drop a full-semester class or to withdraw from the University.</td>
</tr>
<tr>
<td>November</td>
<td>23</td>
<td>Mid-semester grade reports due to the Registrar.</td>
</tr>
<tr>
<td>December</td>
<td>26</td>
<td>Holiday begins at 6:00 p.m. No evening classes.</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Classes resume.</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>&quot;Pre-Final Examination Period&quot; begins.</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>Classes end.</td>
</tr>
<tr>
<td></td>
<td>11</td>
<td>Final examination period begins.</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>Recognition reception for candidates completing degree requirements during the Fall Semester 1991.</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>Final examination period ends.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fall semester ends.</td>
</tr>
</tbody>
</table>

## SPRING SEMESTER 1992

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>5</td>
<td>Residence halls open, 12:00 noon.</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Wrap-up registration period begins.</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>Wrap-up registration period ends.</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Schedule Change (&quot;Drop-Add&quot;) period begins.</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Day and evening classes begin as scheduled.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late registration period begins.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Evening registration period begins, 4:15-6:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>Late registration and schedule change periods for day classes end.</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>Evening registration and schedule change periods for evening classes end.</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>Holiday. No classes.</td>
</tr>
<tr>
<td>February</td>
<td>17</td>
<td>Holiday. No classes.</td>
</tr>
<tr>
<td>March</td>
<td>4</td>
<td>Last day to drop a full-semester class or to withdraw from the University.</td>
</tr>
<tr>
<td></td>
<td>11</td>
<td>Mid-semester grade reports due to the Registrar.</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>Spring break begins.</td>
</tr>
<tr>
<td></td>
<td>23</td>
<td>Classes resume.</td>
</tr>
<tr>
<td>April</td>
<td>24</td>
<td>&quot;Pre-Final Examination Period&quot; begins.</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>Classes end.</td>
</tr>
<tr>
<td>May</td>
<td>1</td>
<td>Final examination period begins.</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Final examination period ends.</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Commencement exercises, 1:30 p.m.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Spring semester ends.</td>
</tr>
</tbody>
</table>

## INTERSESSION 1992

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May</td>
<td>11</td>
<td>Classes begin as scheduled.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Registration period ends.</td>
</tr>
<tr>
<td></td>
<td>22</td>
<td>Last day to withdraw from Intersession.</td>
</tr>
<tr>
<td>June</td>
<td>25</td>
<td>Holiday. No classes.</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Intersession ends.</td>
</tr>
</tbody>
</table>

## SUMMER SESSION 1992

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June</td>
<td>7</td>
<td>Residence halls open, 12:00 noon.</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Wrap-up registration period begins.</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Classes begin as scheduled.</td>
</tr>
<tr>
<td></td>
<td>11</td>
<td>Late registration and schedule change periods begin.</td>
</tr>
<tr>
<td></td>
<td>11</td>
<td>Late registration and schedule change periods end.</td>
</tr>
<tr>
<td>July</td>
<td>2</td>
<td>Last day to drop a full-session class.</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Holiday. No classes.</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>Commencement exercises.</td>
</tr>
<tr>
<td></td>
<td>31</td>
<td>Summer session ends.</td>
</tr>
</tbody>
</table>
### FALL SEMESTER 1992

<table>
<thead>
<tr>
<th>August</th>
<th>16</th>
<th>Residence halls open, 12:00 noon.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>17</td>
<td>Wrap-up registration begins.</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>Wrap-up registration ends.</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>Freshman &quot;Kick Off '92&quot; begins.</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>Schedule Change (&quot;Drop-Add&quot;) period begins.</td>
</tr>
<tr>
<td>September</td>
<td>7</td>
<td>Holiday. No classes.</td>
</tr>
<tr>
<td>October</td>
<td>14</td>
<td>Last day to drop a full-semester class or to withdraw from the University.</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>Mid-semester grade reports due to the Registrar.</td>
</tr>
<tr>
<td>November</td>
<td>3</td>
<td>Election Day. No classes and offices will be closed.</td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>Holiday begins at 9:00 p.m. Evening classes will meet.</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>Classes resume.</td>
</tr>
<tr>
<td>December</td>
<td>2</td>
<td>&quot;Pre-Final Examination Period&quot; begins.</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Classes end.</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Final examination period begins.</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>Recognition reception for candidates completing degree requirements during the Fall Semester 1992.</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>Final examination period ends.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fall semester ends.</td>
</tr>
</tbody>
</table>

### SPRING SEMESTER 1993

<table>
<thead>
<tr>
<th>January</th>
<th>3</th>
<th>Residence halls open, 12:00 noon.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4</td>
<td>Wrap-up registration period begins.</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Wrap-up registration period ends.</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Schedule Change (&quot;Drop-Add&quot;) period begins.</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>Day and evening classes begin as scheduled.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late registration period begins.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Evenining registration period begins, 4:15-6:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>Holiday. No classes.</td>
</tr>
<tr>
<td>February</td>
<td>15</td>
<td>Holiday. No classes.</td>
</tr>
<tr>
<td>March</td>
<td>3</td>
<td>Last day to drop a full-semester class or to withdraw from the University.</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>Mid-semester grade reports due to the Registrar.</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>Spring break begins.</td>
</tr>
<tr>
<td>April</td>
<td>23</td>
<td>&quot;Pre-Final Examination Period&quot; begins.</td>
</tr>
<tr>
<td></td>
<td>29</td>
<td>Classes end.</td>
</tr>
<tr>
<td>May</td>
<td>7</td>
<td>Final examination period begins.</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Commencement exercises, 1:30 p.m.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Spring semester ends.</td>
</tr>
</tbody>
</table>

### INTERSESSION 1993

| May      | 10  | Classes begin as scheduled.       |
|          | 21  | Registration period ends.          |
|          | 31  | Last day to withdraw from Intersession. |
| June     | 4   | Intersession ends.                 |

### SUMMER SESSION 1993

| June     | 6   | Residence halls open, 12:00 noon. |
|          | 7   | Wrap-up registration period begins. |
|          | 8   | Classes begin as scheduled.       |
|          | 10  | Late registration and schedule change periods begin. |
| July     | 1   | Last day to drop a full-session class. |
|          | 5   | Holiday. No classes.               |
|          | 29  | Commencement exercises.            |
|          | 30  | Summer session ends.               |
Introduction

Eastern Kentucky University is a regional, coeducational, public institution of higher education offering general and liberal arts programs, pre-professional and professional training in education and various other fields at both the undergraduate and graduate levels. Located in Richmond, Madison County, Kentucky, Eastern has a distinguished record of more than nine decades of educational service to the Commonwealth.

Situated near the heart of the Bluegrass, Richmond is served by a network of major highways which makes Eastern easily accessible from all parts of Kentucky and surrounding states. Richmond is 26 miles southeast of Lexington, Kentucky. Interstate Highways 1-75 (north-south) and I-64 (east-west) make the metropolitan areas of Cincinnati, 112 miles to the north, and Louisville, 110 miles to the west, within convenient distance by automobile. Richmond is also served by U.S. Route 25 from Southeastern Kentucky and Kentucky Route 52 from the east and west. The Kentucky Turnpike and the Mountain, Daniel Boone, and Cumberland Parkways provide even greater accessibility by automobile since the city is located near the convergence of these arterial highways into the interstate system.

Richmond, the county seat of Madison County, is an expanding community of approximately 24,000 population. Served by fine churches representing most Christian faiths, the community provides an excellent environment for the University student.

In and around Richmond are many areas of historic and scenic interest. Boonesborough State Park, birthplace of Kentucky, is located 12 miles to the north. Many other historical places are within easy driving distance. Scenic and recreational areas surround this section of the state.

History

The Kentucky General Assembly of 1906 enacted legislation establishing the Eastern Kentucky State Normal School. Governor J. C. Beckham signed the bill into law on March 21, 1906. On May 7 of that year, the Normal School Commission, meeting in Louisville, selected the campus of the old Central University, founded in 1874, in Richmond, Kentucky, as the site of the new school. On June 2, 1908, Ruric Nevel Roark was chosen President of the Normal School and the training of teachers was begun.

In 1922, Eastern became a four-year institution known as the Eastern Kentucky State Normal School and Teachers College. The first degrees were awarded by this institution in 1925. In 1928, the College was accredited by the Southern Association of Colleges and Secondary Schools. In 1930, the General Assembly renamed the school the Eastern Kentucky State Teachers College.

In 1935, a graduate program was approved at Eastern, leading to the Master of Arts degree in Education. In 1948, the General Assembly removed the word "Teachers" from the name of the college and granted the college the right to award nonprofessional degrees.

The most significant day since its founding came for Eastern on February 26, 1968, when Governor Edward T. Breathitt signed into law a bill renaming the institution Eastern Kentucky University and sanctioning the awarding of graduate degrees in academic fields other than education.

During this period of time, Eastern Kentucky University has increased rapidly in size and stature. Beginning with a few students engaged in short review and certificate courses, the University today serves thousands of Kentuckians. The curriculum leads to associate degrees, baccalaureate degrees, and an expanding graduate program that currently offers degrees at the master's level in many other fields as well as the already well-established Master of Arts degree in Education and the various fifth- and sixth-year leadership programs in education. Specialist degree programs have been implemented in education, psychology, and technology. In addition to these programs, Eastern offers joint doctoral programs with cooperating institutions.

Ever-mindful of the purpose of its founding, Eastern continues to recognize its historic function of preparing quality teachers for the elementary and secondary schools of the Commonwealth. However, a strong liberal arts curriculum leading to appropriate degrees, together with pre-professional courses in several areas and graduate programs, enable Eastern to serve the Commonwealth as a regional university.

Purpose

Within its statutory responsibilities, Eastern Kentucky University seeks to provide intellectual and cultural opportunities which will develop habits of scholarship and intellectual curiosity; provide a deep understanding of American democracy and the citizen's role
in maintaining its strength and vitality; impart an understanding of humans and their aspirations; enable effective and efficient communication; and prepare productive and responsible citizens. The University will remain responsive and flexible in order to serve in unique and needed ways.

Within these general responsibilities and purposes, the University has three specific functions—teaching, public service, and research—and places emphasis on the three in this order. Through its colleges and schools, the University seeks to offer quality instruction at a variety of degree levels in general education, the arts, the sciences, business, education, pre-professional and professional areas, and applied and technical disciplines. Through consultative services, continuing education, and the extended campus, the University seeks to provide service to the community and the region. Research seeks both to advance knowledge in the subject matter areas with which the University is concerned and to support the primary function of teaching.

Mission Statement

Eastern Kentucky University shall serve as a residential, regional university offering a broad range of traditional programs to the people of central, eastern, and southeastern Kentucky. Recognizing the needs of its region, the University should provide programs at the associate and baccalaureate degree levels, especially programs of a technological nature.

Subject to demonstrated need, selected master's degree programs should be offered, as well as the specialist programs in education. The elimination of duplicative or nonproductive programs is desirable, while development of new programs compatible with this mission is appropriate.

The University should continue to meet the needs in teacher education in its primary service region and should provide applied research, service, and continuing education programs directly related to the needs of its primary service region.

Because of the University's proximity to other higher education and post-secondary institutions, it should foster close working relationships and develop articulation agreements with those institutions. The University should develop cooperative applied research and teaching programs using resources such as Maywoods and Lilley Cornett Woods and Pilot Knob Sanctuary.

Institutional Goals

The following institutional goals have been adopted by the Board of Regents:

1. To be a comprehensive, public, residential university of the Commonwealth of Kentucky.

2. To provide academic programs of the highest possible quality and to enhance access to these programs. To these ends, the University strives:
   a. To employ and retain faculty with outstanding academic preparation and with a commitment to excellence in teaching and learning.
   b. To attract students of high academic promise to the university and to provide them with a challenging academic experience.
   c. To provide access to higher education for citizens of the Commonwealth through reasonably open admission policies, relatively low student cost, and a program of financial assistance.
   d. To serve as a school of opportunity by providing, as a condition of admission and retention, a mandatory developmental program to allow under-prepared students to rapidly attain the skills necessary for rigorous college-level courses.

3. To provide an environment for learning and individual development of the highest possible quality.

4. To maintain an adequate enrollment of out-of-state residents and foreign nationals to enrich the educational experience for all students while emphasizing the enrollment of Kentucky students.

5. To support the nondiscrimination policy of the Board of Regents and to meet or exceed the goals of the Commonwealth's plan for desegregation of higher education.

6. Eastern Kentucky University seeks to provide intellectual and cultural opportunities which will develop habits of scholarship and intellectual curiosity; provide a deep understanding of American democracy and the citizen's role in maintaining its strength and vitality; impart an understanding of humans and their aspirations; enable effective and efficient communication; and prepare productive and responsive citizens. Accordingly, Eastern Kentucky University strives:
   a. To offer associate degree programs which are based on student interests and/or societal needs, which are integrated when appropriate with baccalaureate degree programs for individuals preparing themselves in a university setting, and which contain a general education component.
   b. To offer baccalaureate and pre-professional programs based on student interests and/or societal needs with a strong general education program as a component of each degree program.
   c. To offer graduate programs based on student interests and/or societal needs which provide advanced study through instruction and research, strengthen the disciplines, and contribute to the total research and/or service efforts of the institution.

7. To provide for individuals and agencies those educational outreach, public service, and continuing education opportunities which are compatible with the University's mission and resources.

8. To support and encourage research as an important scholarly activity, recognizing its contribution to effective teaching and learning, its value to the knowledge of the disciplines, and its value to public service.

9. To manage and protect for posterity and to make available for instruction, research, and public use, selected natural areas that are unique or valuable for their biological, physical, and historical significance.

10. To provide for the university community and general public a center which promotes artistic and cultural awareness, scholarly pursuits, the free exchange of ideas, and critical thinking.

11. To provide support services which promote the development and well being of the members of the university community.

12. To be solvent and financially accountable to appropriate agencies.

COLLEGE OF ALLIED HEALTH AND NURSING

The College of Allied Health and Nursing has the purposes: (1) to provide high quality programs at the undergraduate and graduate levels for individuals who wish to pursue a health profession; (2) to assist the student in recognizing the need for accountability to the various "publics" within the health care system; (3) to provide information and consultation to the community and the professions for planning and development of quality health services; (4) to encourage development of learning experiences that will enhance the team concept in health care and the principles of lifelong learning; (5) to provide opportunities, instruction, and guided experiences by which students may gain the basic knowl-
edge and skills essential to the practice of their respective profession; (6) to provide career guidance that will attract high quality students who will find a rewarding career in the health care field; (7) to investigate societal needs for health care and patterns of effective delivery; (8) to encourage students and graduates to make meaningful contributions towards the promotion of health and prevention of disease and disability; (9) to provide for career mobility and continuing education within the various health professions; and (10) to ensure the admission process supports the nondiscrimination policy.

COLLEGE OF APPLIED ARTS AND TECHNOLOGY
The College of Applied Arts and Technology has the purposes: (1) to provide selected instructional programs for the preparation of people for careers in the applied arts and technologies; (2) to offer associate degree, baccalaureate degree, and pre-professional programs that meet the students' needs and interests; (3) to foster the career-ladder concept, where appropriate, by providing opportunities for students enrolled in, or completing the associate (two-year) degree programs, to transfer to a corresponding baccalaureate degree program within the same college; (4) to offer programs that meet students' needs and interests; (5) to provide a program of academic advising for students majoring in programs within the College; (6) to provide selected general education programs; (7) to provide academic specialization for students in teacher certification programs; (8) to serve the community and region through public service; (9) to serve the community and region through public service; (10) to contribute to the professional growth of individuals in their careers; (11) to encourage the improvement of the teaching-learning relationship through instruction, effective utilization of available resources, and through academic program review and evaluation; and (12) to support, encourage, and engage in scholarly activities which contribute to the primary function of teaching, to the advancement of the discipline, and to the strengthening of public service.

COLLEGE OF ARTS AND HUMANITIES
The College of Arts and Humanities has the purposes: (1) to provide courses of study for academic majors in the arts and humanities; and to offer programs to prepare students for professional and pre-professional fields; (2) to provide leadership in its areas of general education, appropriate general education courses, and an interdisciplinary program in general education; (3) to provide a program of academic advising for students majoring in programs within the college; (4) to provide academic specialization for students in teacher certification programs and to provide supporting courses for students majoring in other fields; (5) to encourage the development of interdisciplinary programs/courses; (6) to provide an opportunity for students to function effectively in a culturally diverse society; (7) to provide academic and field experiences in preparing teachers to ensure that all children receive their education in the least restrictive setting; (8) to provide a program of academic advising for students majoring in programs within the college; (9) to cooperate with the other colleges in the programs of students in teacher certification programs; (10) to encourage the development of interdisciplinary programs/courses, both inter- and intra-college in nature; (11) to encourage the improvement of the teaching-learning relationship through instruction, utilization of available resources, and through academic program review and evaluation; (12) to serve the community and region by working cooperatively with their school systems; and (13) to engage in research to advance knowledge and enhance the primary function of instruction.

COLLEGE OF BUSINESS
The College of Business has the purposes: (1) to offer a wide range of business-oriented, academic programs which will prepare graduates to enter both the private and public sectors of our economy; to accomplish this, degree programs will be offered at graduate, baccalaureate, and associate levels; (2) to maintain a high quality of instruction; (3) to encourage academically-able students; (4) to encourage cross-cultural exchanges; (5) to offer business-related public service and continuing education opportunities; (6) to encourage applied research related to business disciplines; and (7) to support the university's economic development objectives.

COLLEGE OF EDUCATION
The College of Education has the purposes: (1) to provide courses of study for academic majors in education, including certification programs for teachers and other supporting school personnel, and programs for related human services personnel; (2) to provide the academic and field experiences necessary for students to function effectively in a culturally diverse society; (3) to provide academic and field experiences in preparing teachers to ensure that all children receive their education in the least restrictive setting; (4) to provide a program of academic advising for students majoring in programs within the college; (5) to cooperate with the other colleges in the programs of students in teacher certification programs; (6) to support the development of interdisciplinary programs/courses, both inter- and intra-college in nature; (7) to encourage the improvement of the teaching-learning relationship through instruction, utilization of available resources, and through academic program review and evaluation; (8) to provide the community and region by working cooperatively with their school systems; and (9) to engage in research to advance knowledge and enhance the primary function of instruction.

COLLEGE OF HEALTH, PHYSICAL EDUCATION, RECREATION, AND ATHLETICS
The College of Health, Physical Education, Recreation, and Athletics has the purposes: (1) to provide quality teaching and an atmosphere that is conducive to learning; (2) to provide programs of academic advising for students majoring in programs within the college; (3) to provide selected general education courses; (4) to offer associate, baccalaureate, graduate, and non-degree programs that meet students' interests and needs; (5) to cooperate with other colleges in offering degree and non-degree programs that meet students' interests and needs; (6) to support, encourage, and engage in research which contributes to quality teaching and learning, to improvement of various disciplines, and to needed public service; (7) to provide public service in faculty areas of expertise; (8) to provide the community and region by working cooperatively with their school systems; and (9) to engage in research to advance knowledge and enhance the primary function of instruction.

COLLEGE OF LAW ENFORCEMENT
The College of Law Enforcement has the purposes: (1) to prepare citizens for productive citizenship roles; (2) to prepare personnel for positions in the private and public safety sectors of society; (3) to prepare personnel for teaching in one of the fields within each departmental area; (4) to conduct research in the broad areas contained within each departmental program; and (5) to provide service programs pertinent to the broad areas contained within each departmental program.

COLLEGE OF NATURAL AND MATHEMATICAL SCIENCES
The College of Natural and Mathematical Sciences strives to accomplish the following goals: (1) to provide academic programs in the natural and mathematical sciences leading to master and baccalaureate degrees and to offer courses/programs to prepare students for pre-professional and professional fields; (2) to provide academic specialization for students in the teacher education
programs at both the undergraduate and graduate levels; (3) to provide supporting, general education, developmental, and elective courses in the natural and mathematical sciences for all students in the University; (4) to provide academic leadership in mathematics and the sciences; (5) to provide a program of academic and career advising for students majoring in programs within the College; (6) to encourage the improvement of the teaching-learning relationship through improvement of instruction, efficient utilization of available resources, review and evaluation of academic programs, and opportunities for professional development; (7) to provide all students enrolled in courses in the natural and mathematical sciences with access to up-to-date laboratory/field equipment and computer assisted instruction on an individualized basis as an extension of natural and mathematical science courses and research efforts; (8) to encourage the development of interdisciplinary courses/programs, both inter- and intra-college in nature; (9) to engage in research to advance knowledge in the natural and mathematical sciences and to enhance the College’s primary function of instruction; (10) to serve the local community, region, and the Commonwealth through public service; (11) to support and utilize the University’s natural areas as sites for advancement of scientific knowledge in the ecological and environmental disciplines of the natural sciences; and (12) to cooperate with all educational institutions in disseminating information and providing mutual support in attaining the highest possible quality courses and programs in the natural and mathematical sciences.

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES
The College of Social and Behavioral Sciences has the purposes: (1) offering high quality courses and programs in the social and behavioral sciences, and for professional and pre-professional fields; (2) providing leadership in the social science area of the University general education program; (3) encouraging the development of interdisciplinary courses and programs; (4) offering academic specialization areas for students in teacher certification programs, as well as supporting courses for students majoring in other disciplines; (5) providing a program of academic advising; (6) encouraging the improvement of the teaching and learning; (7) engaging in research to advance knowledge and enhance instruction; and (8) serving the community and region through public service.

OFFICE OF ACADEMIC SUPPORT AND UNDERGRADUATE STUDIES
The Office of Academic Support and Undergraduate Studies coordinates the delivery of those services that support the academic pursuits of undergraduate students, such as admission, orientation, advising and registration, and career planning. In addition, it coordinates campus-wide undergraduate academic programs, including those in general education, honors, cooperative education, international education, and developmental studies. The dean for Academic Support and Undergraduate Studies serves as chair of the University General Education Committee.

OFFICE OF GRADUATE STUDIES AND RESEARCH
The Office of Graduate Studies and Research provides leadership in the administration of graduate education, extended campus programs, and university-wide research. The Graduate School has as its basic purpose the administrative responsibility of all programs beyond the baccalaureate level at the University. It is charged: (1) to provide coordination between the colleges in the development of the University’s graduate offering; (2) to act as a central source of information; (3) to recruit, admit, and register students in advanced programs; (4) to oversee the advising of graduate students; and (5) to coordinate the University’s program of graduate assistantships.
Expenses

Since registration and other fees and residence hall room rents are subject to change periodically, no attempt is made in this publication to itemize these costs. This information is available from the Division of Admissions prior to the beginning of each academic year.

Policy on Classification of Students for Admission and Fee Assessment Purposes

SECTION 1. PURPOSE. The Commonwealth of Kentucky employs residency requirements in various ways to determine voting rights, income tax liability, employment in certain occupations, etc., and the requirements vary in form and substance for each of these uses. The purpose of this policy is to establish a process and corresponding criteria for the residency classification of students seeking admission to, or enrolled in, public institutions of higher education. Furthermore, it is the intent of the Council on Higher Education that this policy be interpreted and applied in an uniform manner, as described herein, in determining whether students shall be classified as residents or nonresidents for admission and fee assessment purposes.

RATIONALE. Public institutions of higher education were established and are maintained by the Commonwealth primarily for the benefit of qualified residents of Kentucky. The substantial commitment of public resources to higher education is predicated on the proposition that the state benefits significantly from the existence of an educated citizenry. As a matter of policy, access to higher education is provided so far as practicable at reasonable cost to residents of the state. It is the long-standing practice of the Council on Higher Education to require students who are not Kentucky residents to meet higher admission standards and to pay a higher level of tuition than resident students whose presence in the state reasonably assures that they or, in appropriate instances, their parents have already contributed, or will contribute, substantially to the state in their capacity as resident citizens.

SECTION 2. DEFINITIONS. The language of this policy on residency classification contains some legal terms as well as everyday terms which, of necessity, have specialized meaning in the determination of residency for admission and fee assessment purposes. The following definitions shall be controlling in the interpretation and application of this policy. Wherever used in this policy:

1. The terms "institution of higher education" or "college" shall refer to all institutions, public or private, offering instruction and conferring degrees beyond the secondary school level, such as four-year colleges/universities, seminars, two-year institutions (community colleges and junior colleges), and postsecondary vocational/technical schools.

2. The word "domicile" shall denote a person's true, fixed, and permanent home. It is the place where he or she intends to remain, and to which he or she expects to return when he or she leaves without intending to establish a new domicile elsewhere. "Legal residence" and domicile convey the same notion of permanence and are used interchangeably.

3. The term "emancipated person" shall mean a person:
   A. who has attained the age of majority;
   B. whose parent has not claimed such person as a dependent on federal and/or state income tax returns for the preceding tax year;
   C. who demonstrates the financial ability to provide at least 70 percent of his or her cost of education, i.e., tuition/fees, books/supplies, room and board/maintenance, and transportation, as determined by the institution's financial aid policy and the student's residency classification; and
   D. whose parents' income is not taken into account by any private or governmental agency furnishing educational financial assistance to such person, including scholarships, loans, and other assistance.

4. The term "unemancipated person" shall mean a person who is unable to meet all of the criteria listed in Section 2(3).

5. The word "parent" shall mean one of the following:
   A. a person's father or mother, or
   B. a court-appointed legal guardian of an unemancipated person.

The word "parent" shall not apply if the guardianship has been established primarily for the purpose of conferring the status of resident on a person.

6. Attendance at a college or colleges shall be deemed "continuous" if the person claiming "continuous" attendance has been enrolled for consecutive regular semesters since the beginning of the period for which continuous attendance is claimed. Such person need not attend summer sessions or other such intersession in order to render his or her attendance "continuous". The sequence of continuous at-
tendance is broken if the student fails to enroll, except under extenuating circumstances beyond the student’s control, e.g., serious personal illness/injury, illness or death of parent, etc., during either the fall or spring semester.

(7) "Full-time employment" means employment for 50 work weeks at an average of 35 hours per week.

(8) A "presumption" refers to a fact which is considered proven unless clear and convincing evidence to the contrary can be established. Each individual must be given the opportunity to rebut the presumption.

(9) "Documentation" refers to the submission of source documents, e.g., official letters, papers, or sworn statements. As a general rule, evidence cited as the basis for domicile must be documented, and the required documentation should accompany the application for residency classification.

SECTION 3. GUIDELINES FOR DETERMINATION OF RESIDENCY STATUS.

(1) Initial classification of residency shall be determined based upon the facts existing when the conditions governing admission for a specific semester/term have been met.

(2) The domicile of an unemancipated person is that of either parent. The domicile of the parent shall be determined in the same manner as the domicile of an emancipated person.

(3) Any unemancipated person who remains in this state when his or her parent(s), having domicile in this state, moves from this state shall be entitled to classification as a resident while in continuous attendance at the degree level in which he or she is currently enrolled. When continuous attendance is broken or the current degree level is completed, the person’s residency classification must be reassessed in accordance with the appropriate sections of this policy.

(4) An unemancipated person whose parent is a member of the Armed Forces and stationed in this state on active duty pursuant to military orders shall be classified as a resident. The student, while in continuous attendance at the degree level in which he or she is currently enrolled, shall not lose his or her resident status when his or her parent is thereafter transferred on military orders. When continuous attendance is broken or the current degree level is completed, the person’s residency classification must be reassessed in accordance with the appropriate sections of this policy. This guideline is invalid if the parent is stationed in Kentucky for the purpose of enrollment at an institution of higher education or on temporary assignment of less than one year.

(5) Upon moving to this state, an emancipated person who provides clear and convincing evidence of domicile may apply for resident classification for his or her unemancipated children. Provided that the person is not in this state primarily as a student, his or her unemancipated children may be classified as residents. If the person is in Kentucky primarily for the purpose of enrollment at an institution of higher education, neither that person nor his or her unemancipated children may be classified as residents.

(6) A member of the Armed Forces of the United States stationed in Kentucky on active military orders is considered domiciled in the state and shall be entitled to classification as a resident while on active duty in this state pursuant to such orders. Individuals classified under this section will be reassessed in accordance with the appropriate sections of this policy when the qualifying condition is terminated. This rule is invalid if the individual is stationed in Kentucky for the purpose of enrollment at an institution of higher education or on temporary assignment of less than one year.

(7) An emancipated person who moves to the Commonwealth within six months from the date of discharge from active duty with the military with the stated intent of becoming a legal resident of the Commonwealth shall be permitted to count such time spent in the military service toward meeting the presumptions outlined in Section 4, provided the individual was a legal resident of Kentucky at the time of induction or his or her home of record and permanent address during and at the time of discharge was Kentucky.

(8) In the event of transfer to, or matriculation in, another Kentucky public institution of higher education, the student’s residency classification must be reassessed by the receiving institution.

(9) Any person incarcerated in a penal facility located in Kentucky shall be granted resident status during his or her confinement, but his or her residency classification must be reassessed in accordance with the appropriate sections of this policy upon release from confinement. Time served during incarceration shall not be used to establish domicile unless the individual resided in the Commonwealth prior to confinement or the conditions of parole restrict the location of the individual to the Commonwealth.

(10) Any person holding an immigration visa or classified as a political refugee has the capacity to remain in Kentucky indefinitely and shall establish domicile in the same manner as any other person.

(11) Any person holding a temporary, nonimmigrant visa, which requires the maintenance of a foreign domicile—visa designation B, F, J, or M—does not have the capacity to remain in Kentucky indefinitely and may not attain Kentucky resident status for fee assessment purposes. Likewise, any person holding a nonimmigrant visa designation C, D, or K may not attain Kentucky resident status for fee assessment purposes due to the transitory or temporary nature of the visa.

(12) Any person holding a nonimmigrant visa—visa designation, A, E, G, H, I, or L—may remain in Kentucky indefinitely as long as his or her authorized purpose or established need continues and may attain Kentucky resident status for fee assessment purposes. In assessing the residency status of such a person, other sections of this policy shall apply, and the person’s purpose and length of stay as well as other conditions governing his or her presence in Kentucky shall be determined and considered. If this review justifies a resident classification, the person shall be classified as a resident for fee assessment purposes.

(13) In the event that an emancipated person or the parent of an unemancipated person moves out-of-state, domicile, having been established in Kentucky, is retained until steps are taken to establish domicile elsewhere. The same facts and conditions which are presumed in establishing a Kentucky domicile are similarly presumed in determining when a former Kentucky domicile has been abandoned. In the absence of clear and convincing evidence as to the domicile of an emancipated person who at one time had domicile in Kentucky, that person is presumed to have lost his or her Kentucky domicile upon a one-year absence from the state.

SECTION 4. PRESUMPTIONS. Unless the contrary appears from clear and convincing evidence, it shall be presumed that:

(1) The domicile of an unemancipated person whose parents are divorced, separated, or otherwise living apart shall be presumed to be Kentucky if either parent is a resident of the Commonwealth regardless of which parent has legal custody or is entitled to claim that person as a dependent pursuant to Kentucky income tax provisions.

(2) Every emancipated person remaining in this state in a
nonstudent status (i.e., not enrolled in an institution of higher education) for the 12 months immediately preceding the last date for enrollment in the institution and fulfilling conditions associated with domicile shall be presumed to be a resident for admission and fee assessment purposes.

(3) No emancipated person shall be presumed to have gained resident status while attending any institution of higher education more than half-time (half-time being equal to one-half time), as such status is defined by the governing board of such institution, in the absence of a clear demonstration that he or she had established domicile in the state.

(4) Attending college half-time (half-time being equal to one-half of full-time) or less will not prevent an emancipated person who has full-time employment from establishing domicile.

(5) A student who has been classified nonresident is presumed to continue as nonresident while working part-time.

(6) The domicile of a married person shall be determined in the same manner as the domicile of an unmarried person. While no person shall be presumed, solely by reason of marriage or cohabitation, to have established or to have lost domicile in Kentucky, the fact of marriage or cohabitation and the place of domicile of the spouse or cohabitant are deemed relevant evidence in ascertaining domicile.

(7) A student whose admissions records show him or her to be a graduate of an out-of-state high school or his or her residence to be outside of Kentucky at the time of application for admission is presumed to be a nonresident and will be initially so classified.

SECTION 5. TYPES OF EVIDENCE TO BE CONSIDERED FOR ESTABLISHMENT OF DOMICILE. Evidence submitted on behalf of an emancipated person must pertain to the domicile of either his or her parent. Initial classifications generally are made on the basis of information derived from admissions materials, and individuals who enroll in college immediately following graduation from high school and remain enrolled are treated as emancipated persons unless the contrary is evident from the information submitted. In such cases, domicile will be inferred from the student’s permanent address, parent’s mailing address, and/or location of high school of graduation.

A person claiming emancipated status must document his or her independent status under Section 2(3) and must demonstrate that he or she has established a domicile in Kentucky by his or her own acts. If an emancipated person asserts that he or she has established domicile in Kentucky, he or she has the burden of proving he or she has done so. The following statements pertain to the kinds of evidence and required documentation that will be considered in reviewing an assertion by an emancipated person that he or she is domiciled in Kentucky.

(1) The following facts, although not conclusive, have probative value in support of a claim for resident classification:

A. acceptance of an offer of full-time employment or transfer to an employer in Kentucky or contiguous area while maintaining legal residence in Kentucky;
B. continuous physical presence in a nonstudent status for the 12 months immediately preceding the last date for enrollment in the institution;
C. filing of Kentucky resident income tax returns when absent from the state;
D. full-time employment of at least one year while living in Kentucky;
E. attendance as a full-time, nonresident student at an out-of-state institution of higher education while determined to be a resident of Kentucky; or
F. abandonment of a former domicile and establishing domicile in Kentucky with attendance at an institution of higher education following and only incidental to such change in domicile.

(2) The following facts are not necessarily sufficient evidence of domicile:

A. employment by an institution of higher education as a fellow-scholar, assistant, or in any position normally filled by students;
B. a statement of intent to acquire a domicile in Kentucky;
C. voting or registration for voting;
D. lease of living quarters;
E. payment of local and state level;
F. Kentucky automobile registration;
G. Kentucky operator’s license;
H. continued presence in Kentucky during vacation periods;
I. marriage to or cohabitation with a Kentucky resident; or
J. ownership of real property in Kentucky.

Domicile shall not ordinarily be conferred by the performance of acts which are auxiliary to fulfilling educational objectives or are performed as a matter of convenience. Mere physical presence in the state for educational purposes is not sufficient evidence of domicile.

(3) The determination of domicile must be based upon verifiable circumstances or actions. Sections 5(1) and 5(2) above list some facts that may be relevant in evaluating a claim to domicile, but other facts pertaining to an individual’s situation may be considered. No single fact is paramount, and each situation must be evaluated to identify those facts which are essential to the determination of domicile.

When reviewing the evidence and documentation submitted, institutions may request additional evidence and/or documentation to clarify the person’s circumstances and to formulate a classification decision which considers all relevant facts.

RESPONSIBILITIES. The responsibility for registering under the proper residency classification is that of the student. It is the student’s obligation, prior to the time of registration, to raise questions about residency classification with the administrative officials of the institution in which he or she is registering for an official determination of status. A student classified as resident who becomes nonresident by virtue of a change of domicile by his or her own action or by a person(s) controlling his or her domicile is required to notify the proper administrative officials of the institution at once. A student classified as nonresident will be considered to retain that status until he or she makes written application for reclassification in the form prescribed by the institution and is officially reclassified by the proper administrative officials. The effective date of a residency classification cannot predate the date of application for reclassification.

Each institution is responsible for establishing procedures for the collection of sufficient information in support of residency classifications, maintaining accurate files, and administering this policy in a consistent manner.

SECTION 6. RESIDENCY CLASSIFICATION PROCEDURE. Each institution shall establish a procedure for the initial determination of residency classification based upon this policy. To consider student requests for reclassification, each institution shall establish a committee, hereafter, the “Committee,” to consider changes in residency classification. Application for change of residency classification shall be made in writing to the administrative office or to the person designated by the institution for this purpose. To support full consideration of a request for a change in residency classification, each application shall consist of a complete affidavit, the content of which prescribes the necessary documentation to substantiate facts cited. The student must provide all information relevant to a determination of his or her current residency status. Each applicant is encouraged to submit a formal statement indicating the basis for his or her claim to resident status.

The student working with the institutional classification officer is responsible for ensuring that all needed documentation is submitted with his or her affidavit. Incomplete applications may be deferred at the discretion of the Chair of the Committee. The Chair
will present each case to the Committee for a decision, and the student will be notified in writing as to the disposition of his or her application.

In the event of a ruling by the Committee which is unsatisfactory to the student, the student may appeal the institutional decision and request that a complete copy of his or her file, e.g., affidavit, documentation, the student's statement if submitted, be submitted by the administrative office or the person designated by the institution to the Executive Director of the Council on Higher Education.

APPEAL PROCEDURE. The Executive Director of the Council on Higher Education shall appoint a person to serve as an appeals officer. The appeals officer shall review all residency appeals from the public institutions of higher education.

A student may appeal the decision of the Committee within 14 calendar days of such decision to the Council on Higher Education by giving written notice to the Chair of the Committee of the person or office designated by the institution. The institutional representative designated to handle appeals is responsible for forwarding a complete record of the matter to the Executive Director of the Council on Higher Education.

1. The student's written notice of appeal need not be in any prescribed form, but it must clearly state reasons for the appeal.

2. The institution shall forward a complete copy of the student's file within 14 calendar days of the receipt of a notice of appeal. The student may review the content of his or her file before it is forwarded to the Council on Higher Education. Significant new evidence may warrant a new hearing by the Committee before the matter is referred to the Council on Higher Education.

3. The appeal shall be considered on the written record alone.

4. The appeals officer shall review findings of fact, draw conclusions, and formulate a recommendation consistent with the facts and this policy. Within 14 calendar days, the report of the appeals officer shall be forwarded to the institutional representative designated to handle appeals for final disposition by the institution in accordance with established institutional procedures. A copy of that report shall be forwarded to the Executive Director of the Council on Higher Education. The institution shall act on the appeal within 21 calendar days of the receipt of the appeal officer's report.

5. Within seven calendar days, the institution shall notify the student of the final disposition of his or her appeal.

SECTION 7. STATEWIDE MEETINGS. To enhance consistency among the institutions in the interpretation and application of this policy, the institutional residency officers shall meet twice a year with Council staff and the appeals officer to discuss the residency policy, institutional classification procedures, and decisions made by the appeals officer.

SECTION 8. EFFECTIVE DATE. These revised guidelines become effective on July 1, 1987, and supersede all previous policies of the Council relating to classification of students for fee assessment purposes.

Student Financial Obligations

Any student or former student who is indebted to the University and who fails to make satisfactory settlement within a time limit prescribed is liable for administrative action. Students who are indebted to the University may not register at the University nor will their transcript be released until the debt is paid. Any student indebted to the University who cannot meet his/her financial obligations within the time limit prescribed is responsible for calling on the Director of Billings and Collections and explaining the reasons for failure to pay. Short extensions may be granted for good and sufficient reasons.

Refund Policy

Registration fees paid by students during pre-registration periods will be refundable in full providing the request for refund is filed prior to the beginning of the regular registration period of the term for which the fees have been paid. The housing room reservation/damage deposit will be refunded in full if written cancellation is received by July 15 for the fall semester; December 15 for the spring semester; or May 15 for the summer term, respectively.

Refunds on fees, board plan charges, and room rental charges upon official withdrawal from the University shall be made on the following schedule:

- Fall & Spring - 16 weeks
  - Prior to regular registration period: 100%
  - During wrap-up registration period (3 days): 90%
  - 1st & 2nd week (starting from 1st day of classes): 75%
  - 3rd & 4th week: 50%
  - 5th & 6th week: 25%
  - remaining semester: 0%

- Summer Term - 8 weeks
  - Prior to regular registration period: 100%
  - During wrap-up registration period (1 day): 90%
  - 1st week (starting from 1st day of classes): 75%
  - 2nd week: 50%
  - 3rd week: 25%
  - remaining term: 0%

- Intersession - Proposed - 4 weeks
  - Prior to first day of classes: 100%
  - 1st three calendar days: 75%
  - 2nd three calendar days: 50%
  - 3rd three calendar days: 25%
  - remaining intersession: 0%

There is no wrap-up registration for intersession.

For the purpose of calculation, weeks are defined in seven-day periods beginning with the first day of classes for the semester or summer term.

The percentage of refunds shall apply only to registration and class fees, board plan charges, and room rentals. In no case shall a refund of rent be made to a person who remains a student but moves from University housing at his or her convenience.

An appeals process exists for parents of students who feel that individual circumstances warrant exceptions from published policy. Request for an appeal should be addressed to the Vice President for Student Affairs.

Students who move from University housing during the first six weeks of the semester may apply for refund of Board Plan fees in accordance with the schedule above.

Refunds for reduction in course load for part-time students will be at the same percentage rate as for students who officially withdraw from the University; however, if the reduction in course load results from the cancellation of a class or from the student having been permitted to enroll for a class for which he or she was not eligible, a full refund will be made of the registration fee for the course being dropped.

Living Accommodations

Eastern Kentucky University maintains a number of residence halls. All single, full-time, undergraduate students under 21 years of age, not residing with their parents within a 50 mile radius of the University, are required to live in university residence hall facilities. Full-time students must be 21 years of age on or before the first day of classes of any given semester to live off-campus for that semester. Students failing to meet this requirement will be assessed the lower-price residence hall fee. Graduate students, married students, and single undergraduate students over 21 years of age must secure special permission from the Director of Housing if
they wish to occupy a room in a residence hall. We reserve the right to house or not to house students over the age of 21.

There are a number of large rooms in the residence halls that are designed for three-person occupancy. These rooms are as follows: Burnam Hall: 39, 40, 41, 49, 121, 143, 243, and 343. Case Hall: 318, 320, 322, 418, 420, and 422. Sullivan Hall: 113, 125, 213, 214, 219, 225, 226, 313, 314, 319, 325, and 326.

All students desiring housing in residence halls at Eastern Kentucky University must complete a housing application/contract and forward it, along with a $100 room reservation/damage deposit, to the Director of Billings and Collections, Eastern Kentucky University, Richmond, Kentucky 40475.

The housing deposit is necessary before a reservation can be made. Reservations will be held only until 5 p.m. the day preceding the first day of classes unless students have made arrangements with the Housing Office or individual Residence Hall Director.

Room rent is paid by the semester and is due and payable at registration.

Family Housing

Brockton provides 256 family housing units which include mobile homes, one- and two-bedroom apartments and efficiencies. Request for family housing reservations in Brockton should be made to the Family Housing Office, Gentry Building. Applications must be accompanied by a $100 security deposit, which is refundable upon termination of the rental period.

Food Service

The University operates several pleasant, air-conditioned dining facilities on the campus. Students have a wide choice of options to meet their dining needs: Martin Cafeteria and Cafe Clay offer “all you can eat” board plans for a minimal cost per meal. In the cafeterias in the Stratton and Powell Buildings, and in the Powell Grill, food may be purchased with cash or the popular “Colonel Card.” More than 1,300,000 delicious, nutritious meals are prepared and served annually.

Office of Student Affairs

Through the Office of Student Affairs, the University informs students of the various aspects of campus life. Some of the more specific areas are: (1) orientation of freshmen and transfer of students; (2) physical and mental health of students; (3) coordination of student activities and organizations; (4) housing assignments; (5) maintenance of certain personnel records; (6) counseling center; (7) implementation of the student rights and responsibilities policies; (8) social programs; (9) veterans affairs; (10) student financial assistance; and (11) services for the disabled.

Students are encouraged to become responsible citizens of communities, citizens of a democracy, and professional people. Immediate emphasis is directed toward those activities which assist students in attaining maximum personal, social, and academic growth in a stimulating environment.

Student Health Services

The Student Health Services offers primary medical care to full-time students of the University. Services are available from 8:00 a.m. to 5:00 p.m., Monday through Friday. A nurse is available, by phone, after 5:00 p.m. until 11:00 p.m. to help evaluate patients with medical needs during these hours.

Health care includes most laboratory services connected with the care provided. X-rays are obtained at nearby Pattie A. Clay Hospital where customary fees are charged to the patient. Most medical prescriptions are dispensed without charge to the student.

The facility has an observation room with two beds for the evaluation and care of acute medical problems. Students with illness requiring hospitalization will be referred to Pattie A. Clay Hospital, or if possible, to their family physicians for hospitalization in their home community.

All new students must submit a medical history form prior to admission. This becomes part of the student’s health records which are kept confidentially at the SHS and are necessary to provide the proper medical care for students seen at the facility.

Counseling Center

The University Counseling Center offers services designed to enhance the emotional development of students so they can achieve maximum benefit from their educational experience. Psychologists and counselors provide individual counseling to assist students in their adjustment to personal and social development. When appropriate, psychological testing may be used to facilitate student self-understanding and realistic goal setting. Career counseling in groups for academic credit (GCS 199) is available each semester for students who are dissatisfied with or undecided about their career goals. A one-hour course entitled “Interpersonal Effectiveness Seminar” (GCS 198) is offered for the development of self-confidence and effective communication skills. In addition, psychiatric referral is available through the Center.

The counselor-student relationship is considered confidential and is carefully protected.

Students may make an appointment by calling or dropping by the Center or through referral from faculty, advisors, and friends.

Services for the Disabled

The purpose of the Office of Services for the Disabled is to assist students with disabilities as well as to assure program access and support in attaining their educational goals. Located in Combs Building, Room 116, the office also furnishes mobility maps and handicapped parking permits.

Services for hearing impaired students are available through the state office of Vocational Rehabilitation or through a supplemental program for Kentucky residents administered by the Council on Higher Education. These support services include interpreting and notetaking for classroom lectures or activities and interpreting services for tutorial sessions. Services are also available for students with other disabilities including visual impairment and learning disabilities. For more information, please contact the Office of Services for the Disabled.

Speech-Language-Hearing Clinic

The Communication Disorders Program in the Department of Special Education offers services to students, faculty, staff, and to the community at the Speech-Language-Hearing Clinic in Wallace 278B.

Diagnostic and clinical treatment services provided by the Speech-Language-Hearing Clinic include the following:

1. Screening for speech, language, and hearing problems.
2. Assessment and treatment of articulation disorders, delayed or disordered language, stuttering, voice disorders including laryngectomy, speech and language problems resulting from stroke or head injury, language disorders related to learning disabilities,
and speech and language problems of individuals in areas of exceptionality such as mental retardation, cerebral palsy, cleft palate, hearing impairment, and emotional/behavioral disorders.

3. Identification of hearing impairment by pure tone and speech stimuli or special diagnostic testing as needed; remediation of the communication problem through selection and assessment of a hearing aid and/or aural rehabilitation, including auditory training, speech reading, and adjustment to hearing aid use.

4. Speech improvement for those for whom English is a second language.

Financial Assistance

Financial assistance is some type of financial help available to help meet the costs of a college education. Eastern Kentucky University offers financial assistance in the form of grants, loans, scholarships, and employment. Most financial assistance is need-based. Students must complete a Kentucky Financial Aid Form. This form will determine a student’s eligibility for the Pell Grant, Supplemental Grant, Kentucky Grants, Perkins Loan (formerly National Direct Student Loan), Stafford Loan (GSL), and the College Work Study Program. For further information contact the Division of Student Financial Assistance, Box 4A Coates Administration Building, Eastern Kentucky University, Richmond, KY 40475-3101, (606) 622-2361.

ACADEMIC SCHOLARSHIPS

Academic scholarships at Eastern Kentucky University are awarded based on a student’s demonstrated academic achievement and potential. In general, high school rank in class, ACT composite scores, and high school grade point average are the primary factors considered. In addition, letters of recommendation from individuals in positions to evaluate the student’s potential, and a letter from the applicant are evaluated. Some achievements result in the automatic award of an EKU academic scholarship. These are as follows:

- National Merit Finalists and Semifinalist receive the EKU Honor Award.
- Governor’s Scholars Program participants receive the Regents Scholarship.
- Kentucky students with ACT composite scores of 28 or higher receive the Regents Scholarship.
- Students who excel in the Science-Math Achievement Program or the History Bowl may qualify for Presidential Scholarships. Out-of-State students who have an ACT composite score of 28 or higher will receive a scholarship in the amount of in-state, undergraduate registration fee.

EKU HONOR AWARD—The EKU Honor Award is automatically offered to all National Merit Semifinalists and Finalists. The Scholarship provides the recipient with full registration fee and student activity fee, plus a stipend equivalent to one-half of the registration fee and activity fee, for eight academic terms of undergraduate work provided a GPA of 3.0 is maintained.

REGENTS SCHOLARSHIP—The Regents Scholarship provides full registration fee and activity fee for eight academic terms of undergraduate work, as long as a GPA of 3.0 is maintained. In addition to the automatic awards noted earlier, incoming Kentucky freshmen with high school grade point averages of at least 3.75 and ACT composite scores of 25 or higher are eligible for consideration. Students are evaluated by committees within the colleges in which they intend to major. Undeclared students are evaluated within the Office of Undergraduate Studies.

PRESIDENTIAL SCHOLARSHIPS—Rank in class is the primary consideration in the awarding of this scholarship, which provides the equivalent of one-half of the registration fee and student activity fee for up to eight academic terms of undergraduate work. A minimum GPA of 2.0 is required for retention. Priority in awarding of the Presidential Scholarship is given to the valedictorians and salutatorians of the graduating classes in Kentucky high schools. Junior and community college graduates may also receive Presidential Scholarships.

OTHER SCHOLARSHIP OPPORTUNITIES—A considerable number of other scholarships are available to incoming freshmen and currently enrolled students. These scholarships have been provided through the generous contributions of alumni and friends of the University and are administered through the EKU Foundation. Find more information on these scholarships by contacting the University Scholarship Committee. For incoming freshmen students are awarded by the University Scholarship Committee. Those listed for currently enrolled students are generally awarded by committees within the appropriate departments and colleges. Any discipline or geographic restriction is noted. The level of award varies, with an upper limit of about $500 per semester. Recipients will be advised of the specific level of award and conditions for retention.

A standard application form for all EKU Scholarships is included in the University’s admissions materials.

GRANTS

Grants are considered gift aid and generally do not have to be repaid.

The Pell Grant is a federal program which provides free money to students enrolled at least half-time in an eligible program of study. This grant is the foundation of a student’s financial aid package. A student may receive up to $2,400 depending upon their eligibility as determined by the federal government and the cost of education.

The Supplemental Educational Opportunity Grant (SEOG) is available for students who demonstrate exceptional need and receive a Pell Grant. The average SEOG award at Eastern is usually $400 for the academic year. SEOG is a grant designed to assist the “exceptionally” needy student. The state of Kentucky has two grants to offer to eligible Kentucky residents. The College Access Program Grant (CAP) is awarded to eligible freshmen and sophomores. The State Student Incentive Grant (SSIG) is awarded to juniors and seniors. Both grants pay a maximum of $340 per semester - for a maximum of $680 for the academic year.

STUDENT LOANS

Loans are repayable once a student is no longer enrolled as at least a half-time student.

The National Direct Student Loan has been renamed Perkins Loan. This program provides loans for students whose family income and family assets place a limitation upon resources for educational expenses.

This is a low-interest bearing, long-term loan, interest-free while in school, serving with the Peace Corps, Vista, and the Armed Forces. The interest charge during the repayment period is 5 percent.

The borrower may discount 12.5 percent of the loan per year up to a period of four years for serving in the Armed Forces in a hostile area.

The borrower may also discount the loan up to 100 percent of the total loan, including interest, for teaching services in an economically deprived area.

The Guarantied Student Loan has been renamed Stafford Loan. It is a need-based loan awarded to eligible students. The GSL application must be completed by the student and Eastern’s financial aid office before it is submitted to a financial institution (bank, credit union, etc.). This is an 8 percent interest loan for the first four years of repayment. After the fifth year it is a 10 percent interest loan. Eligible students may borrow up to $2,625
for their first two years of undergraduate studies. After successful completion of their first two years, eligible students may borrow up to $4,000.

**Student Aid Society Inc. Loan Fund.** This fund is designed to help worthy students complete their education. It has been augmented from time to time by gifts from different individuals and organizations and is being increased annually. Small loans are available to students who are currently enrolled. Those having high scholastic records will be given preference in the granting of loans. This fund makes it possible for a student to borrow a small amount of money on a personal note at a legal rate of interest. Students who desire further information concerning the fund should get in touch with the Chair of the Student Aid Committee at (606) 622-4642.

**PLUS.** This is a loan that enables parents to borrow up to $4,000 per year, to a total of $20,000 for each child who is enrolled at least half-time and is a dependent student. The maximum interest rate is 12 percent.

**Supplemental Loans for Students (SLS).** Supplemental Loans are for independent and graduate students. Under the SLS program students may borrow up to $4,000 per year, to a total of $20,000. This amount is in addition to the GSL limits.

---

**STUDENT EMPLOYMENT**

Eastern offers its students two types of employment programs. One is the federal work study program which provides part-time jobs to students who have financial need as determined by the Kentucky Financial Aid Form. This program is federally funded. The other is the EKU institutional work program. EKU provides funds to employ students who want to work off-campus but do not qualify for the federal work study.

Both of these programs employ students on a part-time basis paying federal minimum wage. Students are paid every two weeks for the hours they have worked. Their job schedule is built around their class schedule. A variety of jobs are available including typing, filing, farm work, food service, resident hall assistants, tutorial work, etc. An attempt is made to place students in a job that relates to their major course of study, interest, and skills.

---

**ENTITLEMENTS**

The **Veterans Program** at Eastern Kentucky University is approved by the Kentucky Approving Agency for Veterans Education for the education of veterans and their eligible dependents. Students concerned with veterans training should have, at the time of registration, a certificate of eligibility. This is secured from the regional office of the Veterans Administration. The University is responsible for the completion of certain Veterans Administration forms and the necessary information about students who receive this aid.

If you have completed courses while in the armed forces, ask the Registrar about the possibility of receiving credit for such courses.

**Veterans Administration Benefits.** War orphans, widows, children and wives of deceased and disabled veterans should contact the Veterans Administration, 600 Federal Place, Louisville, Kentucky. Application forms are available in the Veterans Affairs office. Veterans wishing to receive advance payments should notify the office of Veterans Affairs at least 30 days prior to the beginning date of classes.

For information concerning tutorial assistance or refresher courses, contact the office of Veterans Affairs at Eastern Kentucky University.

**Vocational Rehabilitation.** This program offers assistance for students with physical handicaps of various kinds. Students who wish to consult with a representative relative to vocational rehabilitation should write the Department of Education, Department of Vocational Rehabilitation, Frankfort, Kentucky, for specific instructions.

---

**Student Organizations and Activities**

In addition to its academic programs, the University provides many services and activities that promote mental/physical health and social/academic well-being. The provision of a meaningful life experience for the student is the goal of the faculty and staff. Student organizations, societies, and clubs form an intrinsic part of a program that provides academic, social, and religious experiences at Eastern. Student organizations offer activities to encompass the interests of all students. The 165 student organizations fall into the following categories: honor societies, departmental organizations, religious groups, activity and special interest organizations, social sororities and fraternities, and service organizations.

The changing nature of the University precludes a complete listing of all organizations and activities that are available during the year. Students will find this information in official campus publications such as the University Handbook for Students, in notices posted on bulletin boards, in The Eastern Progress, and at the Office of Student Activities and Organizations, Powell 128.

---

**SOCIAL ACTIVITIES**

The University Center Board arranges a variety of social activities for the benefit of Eastern's students. Such activities as movies, dances, concerts, and parties are planned for the students' enjoyment. The school calendar lists all approved social activities. The Office of Student Activities and Organizations coordinates the activities on-campus. Students have the opportunity to participate in a variety of leisure time activities.

---

**The Chapel of Meditation**

The Chapel of Meditation is non-denominational and is open to students, faculty, staff, alumni, and friends of the University for meditation, prayer, and spiritual reflection. The Chapel is used for weddings, memorial services, and for special services by the various religious organizations and student groups. The University Chapel's office is located in the basement of the Chapel. The Chaplain is available to perform weddings. The Chaplain also coordinates the various activities of the Chapel.

---

**Office of Minority Affairs**

The Office of Minority Affairs (OMA) was developed to assist the minority student in having a successful experience at Eastern Kentucky University. OMA provides various services that include cultural and educational programs that stress to students the importance of their heritage. This office also encourages exchange of information across cultural barriers.

---

**Student Identification Card**

When a full-time student registers at Eastern, he/she is given a combination identification-activity card bearing his/her photograph, student identification number, and signature.

Students must carry their I.D. cards at all times and produce them when requested by members of the University staff. The cards are used when drawing books from the library, cashing checks, and at University activities. Students are liable for disciplinary action for misuse of I.D. cards.

A fee will be charged for replacement if an activity card is lost. The loss of a card must be reported immediately to the Office of Student Activities and Organizations, Room 128, Powell Building.
Athletics and Intramural Programs

The University offers a varied athletic and recreational program for all students. It consists of extensive intercollegiate, intramural, specialized club, and recreational activities.

Eastern Kentucky University is a member of the Ohio Valley Conference and the National Collegiate Athletic Association.

Athletic teams play schedules representing major regional institutions in addition to regular conference competition and advancement to national tournaments when they qualify.

Intercollegiate competition is sponsored for men in baseball, basketball, football, golf, tennis, cross-country, and track and field; for women, in basketball, cross-country, field hockey, tennis, track and field, and volleyball.

The Office of Intramural Programs offers competitive team and individual sports, recreational free play, sport clubs, camping trips, equipment rental, and other co-ed activities for students, faculty, and staff.

Entertainment and Cultural Events

Through its fine arts departments and the University Center Board (UCB), Eastern provides a wide variety of entertainment and cultural events. The UCB sponsors lectures, popular entertainers, fine arts performances, and campus movie schedules for the university community; while many events are free of charge to faculty and students, others require only a nominal admission fee.

The Department of Art provides a variety of exhibitions in the Giles Gallery (Jane F. Campbell Building). These include exhibitions by international and regional artists, students, faculty, and thematic exhibitions. Admission is free. Gallery lectures are also frequently provided for the public.

The Department of Music usually produces about 80 faculty, student, and visiting recitals, concerts, and ensemble performances during an academic year. All are open to the public and admission is usually free.

The Department of Speech Communication and Theatre Arts provides at least four performances each academic year including recent Broadway plays, musical theatre, and traditional plays. Occasionally, student directed performances are also presented. Modest admission fees are charged.

Many other cultural activities are offered by the university's annual cultural festival and by academic departments and clubs.

Student Publications

The Milestone is the University yearbook. Published annually, this publication contains photographs and statistical records of events of the University. The book is distributed during the last two weeks of the spring semester. The Milestone has received numerous national awards in recent years and is ranked annually among the top student publications in the nation.

The Eastern Progress, weekly student newspaper, is the official student publication of the University, and all students are encouraged to take advantage of the journalism and advertising training offered by the Progress. The Progress has consistently been rated as an All American Newspaper by Associated Collegiate Press and a Medalist paper by the Columbia Scholastic Press Association. Since 1987 the paper has won two regional Pacemaker awards, rating it as one of the outstanding college newspapers in the country.

Aurora is a magazine of student writing published by its student staff to encourage interest in literary activity. Aurora accepts poems, one-act plays, short stories, prose sketches, and essays from any Eastern student. Cash prizes are awarded for the best works at the time of the spring publication.

Student Automobiles

In order to facilitate parking for all students, faculty, and staff, Eastern Kentucky University requires the registration of motor vehicles utilizing campus parking facilities. Vehicle registration information can be obtained by contacting the Division of Public Safety or is available at the class registration site.

During registration periods, prior to the first day of classes, students registering for classes may park in any legal, non-reserved parking space in all areas, except employee parking (Zone E) which is marked by yellow signs.

After the commencement of classes, residence hall lots (Zone B) which are marked by blue signs, are restricted to residence hall residents 24-hours per day, seven days a week. Enforcement of employee and commuter parking zone regulations begins each school day at 2:00 a.m. After 5:00 p.m. registered commuters may park in employee (Zone E) parking. The Case Lot, University Lot and a section of the Martin Lot are exceptions to this rule and are reserved for employees only until 9:00 p.m. After 9:00 p.m., parking zone restrictions are not enforced in non-residence hall lots.

Visitors may obtain temporary permits from the Division of Public Safety located in the Brewer Building. Metered parking is also provided around residence halls for loading and unloading.

Libraries and Learning Resources

The John Grant Crabb Library, which is centrally located on the campus, contains over 850,000 volumes and will accommodate approximately 1,200 students. The building contains several large reading rooms as well as smaller areas for individual study. It houses the Townsend Room, which is Eastern's collection of rare Kentucky books, and the Madison County-EKU Law Library.

In addition to the main University library, there is a Music Library in the Foster Building and a Law Enforcement Library in the Stratton Building.

The Library supports the instructional, research, and recreational reading information needs of the students at the University. For specific information about the many library services, including loan policies, please visit your library.

The Alumni Association

The Eastern Kentucky University National Alumni Association serves as a vital link between the University and its graduates by maintaining records, communicating, and sponsoring programs and activities designed to enhance this relationship.

All Eastern Kentucky University degree recipients are automatically members of the National Alumni Association. Those graduates who make annual gifts are classified as "active," while other members are carried as "inactive." Associate memberships for non-degreed individuals with an interest in the University are also available.

Alumni activities and programs are normally made available to active members of the Association. Two major activities are planned annually for all members, however, Homecoming, held each fall, and Alumni Day, held the last Saturday in April, brings back the 70-, 60-, 50-, 40-, 30-, 25-, 20- and 10-year classes and annually honors an Outstanding Alumnus and inducts alumni into the Hall of Distinguished Alumni.

Other regular Association activities and programs include maintaining alumni chapters in three states and Washington, D.C.; offering alumni tours at reduced fares; publishing the alumni tabloid; arranging receptions or similar activities in conjunction with special University events; and sponsoring the Alumni Scholarship program.

The Association's flexibility also allows occasional offerings of
goods and services, such as the Alumni Directory and print sales, which keep alumni involved with the University and each other.

A member of the Council for the Advancement and Support of Education (CASE), the EKU National Alumni Association is governed by elected active alumni who serve for varying terms on the Alumni Executive Council, the governing body. The Director of Alumni Affairs serves as an Executive Secretary to the Council.

Provisions of the Family Education and Privacy Act of 1974
PUBLIC LAW 93-380

I. This is to serve notice to all students of Eastern Kentucky University of the rights and restrictions regarding the maintenance, inspection, and release of student records contained in the Family Education and Privacy Act of 1974. The University is composed of nine colleges and offers a wide variety of services to students. Each college and service requires the maintenance of some records concerning students enrolled in a particular college or participating in a nonacademic service. The location and type of record maintained by the University depends upon the field of study or service in which the student is enrolled. The following is a list of the types of records maintained by the University for undergraduate students.

A. Undergraduate records:
1. Grade reports
2. Transcripts
3. Curriculum information
4. Applications for graduation
5. Correspondence with students, if any
6. Withdrawal records, if applicable
7. Admission forms
8. ACT test scores
9. Student teacher evaluations, if applicable
10. Letters of recommendation, if applicable
11. Nominations for awards, if applicable
12. Biographical data
13. Evaluation forms, if applicable
14. Weekly student teacher logs, if applicable
15. Mid-term evaluation, if applicable
16. Records of school visitations, if applicable
17. Physical education requirement waivers
18. Field training evaluations and correspondence, if applicable
19. Professional conduct agreements and liability insurance coverage

B. In addition to the persons identified in paragraph C below, the following persons have access to pertinent student records: the student’s advisor, academic deans, or equivalent University officials who have need of information in order to carry out their official responsibility.

C. A list of persons and offices maintaining the above records is maintained in the Office to the President and will be made available to students upon request.

II. Students have the right to inspect any and all records directly related to them except as follows:
A. Students do not have the right to inspect confidential letters of recommendation placed in their files before January 1, 1975. Students may waive their right to inspect such letters furnished the University after January 1, 1975.
B. Students do not have the right to inspect records maintained by the University Division of Public Safety.
C. Students do not have the right to directly inspect medical, psychiatric, or similar records which are used solely in connection with treatment of a student; however, they do have the right to have a doctor or other qualified professional of their choice inspect such records.
D. Students do not have the right to their parents’ confidential financial statements.

III. A student or parent, whichever is applicable, shall have the opportunity of a hearing to challenge the contents of any University record on the grounds that such record or records are inaccurate, misleading, or otherwise in violation of the privacy or other rights of the student and an opportunity for correction or deletion of any such record. If the student desires to challenge such a record, he/she shall do so by filing a written request in the Office of the University Attorney stating which record is to be challenged and upon what ground. Such challenge of records shall be considered by the University Records Review Committee within a reasonable time not to exceed 30 days following such request. The student or parent will be allowed to present evidence, including witnesses, to the committee in support of his/her challenge. This right to challenge also extends to former students of the University.

IV. The University shall not release student records to persons, other than authorized University officials, to any individual, agency, or organization, other than the following, without the written consent of the student: to authorized representatives of the Comptroller General of the U.S., the Secretary of HEW, or an administrative head of an educational agency in connection with an audit or evaluation of federally supported programs.

V. The University shall not furnish in any form any personally identifiable information contained in personal school records to any person other than those listed in paragraph IV above, unless there is a written consent from the student specifying records to be released, the reasons for such release and to whom, and with a copy of the records to be released to the student if desired, or in the event records are lawfully subpoenaed or otherwise judicially ordered, the University shall notify the student of such subpoena or judicial order in advance of the compliance therewith.

VI. All persons, agencies, or organizations desiring access to the records of a student shall be required to obtain a copy of records through the student. Records will be released to parents of dependent students or by subpoena, with proper documentation.

VII. The University will release directory information to individuals, agencies, or organizations. Directory information includes the student’s name, social security number, address, telephone listing, dates of attendance, degrees, and awards. Upon request of the student, the GPA will be released to off-campus agencies.

VIII. Copies of student records, except transcripts, will be furnished to the student at a cost of $.25 (twenty-five cents) per page.

IX. Parents of dependent students have a right to information concerning their children’s grades without having to gain the student’s consent.
Admission to the University

To apply for undergraduate admission to Eastern Kentucky University (Eastern), follow the procedures for your particular admission category below. Submit completed application materials to: Admissions, 203 Jones Building, Eastern Kentucky University, Richmond, KY 40475-3101.

ENTERING FRESHMEN

1. Graduates of Kentucky High Schools
   If you have graduated from a Kentucky high school, Eastern will unconditionally admit you if you have completed Kentucky’s Pre-College Curriculum. This curriculum requires you to have earned at least four specified units of English (English I, II, III, and IV), three of mathematics (including algebra I or II and geometry), two of social studies (U.S. history and world civilization), and two of science (including biology I or chemistry I or physics I). If you have questions regarding these requirements, consult your high school counselor or the Eastern Admissions office.
   If you have not completed the Pre-College Curriculum, you may be admitted to pursue baccalaureate degree programs; however, you may be required to complete certain courses in the areas not completed as part of your degree program.
   If you have not completed the Pre-College Curriculum, Eastern will admit you without conditions to pursue associate (two-year) degree programs. After earning 12 hours in university-level courses with a “C” average or better, you may transfer without conditions to a baccalaureate (four-year) degree program.
   If you are in your senior year, you will be admitted tentatively. After graduation, you must submit a final high school transcript, certifying the actual date of graduation.
   You must also submit American College Test (A.C.T.) examination scores before registering for classes.
   Please note that certain degree programs have special admission requirements. Admission to the University does not mean automatic admission to these programs.

2. Out-of-State Students
   To be eligible for admission as an out-of-state freshman, you should either rank in the upper 50 percent of your graduating class or have an A.C.T. composite score in or above the 50th percentile nationally. In addition, you should have completed a high school curriculum equivalent to the Kentucky Pre-College Curriculum. If you have not done so, Eastern will admit you with the same conditions as Kentucky applicants.
   Non-resident entering freshmen inadmissible as specified above but who demonstrate through other accepted measures the ability to pursue a college program may be admitted to the summer session. Students so admitted will be required to enroll for at least six hours to include English composition and will be required to earn not less than a 2.0 grade point average (GPA). Students who fulfill these requirements will be permitted to enroll in the fall semester without restriction.

3. General Education Development Test (G.E.D.) Recipients
   If you have earned the General Equivalency Diploma, you may be admitted upon submitting an admission application and official G.E.D. examination scores. Copies of the G.E.D. diploma are not acceptable. You must have passed the G.E.D. examination with a minimum score of 45. In addition, you must be at least 17 years old, and your high school class must have graduated before the beginning of the term for which you apply.

TRANSFER STUDENTS

If you wish to be admitted as a transfer student, you must submit an admission application and an official transcript from each regionally accredited institution you have attended. Eastern does not accept credits from institutions that are not regionally accredited.

You will be granted unconditional admission if you have completed at least a 2.0 grade point average (GPA) (on a 4.0 scale) on all work from accredited institutions if you are eligible to return to those institutions.

If you have less than a 2.0 GPA (on a 4.0 scale), you may be considered for admission by exception. Contact the Office of Admissions for procedures.

If you are admitted as a transfer student, your cumulative grade point average (GPA) will include hours attempted and quality points earned from all regionally accredited institutions. The Office of Academic Support and Undergraduate Studies and the academic department of your major will determine the applicability of your courses to your academic program.

The University considers lower division credits transferred to Eastern as lower division, even if Eastern offers a comparable course at the upper division.
READMISSIONS
If you previously attended Eastern, are eligible to re-enroll, and have not attended another institution since leaving, you will be readmitted upon submitting an application for readmission. If you are not eligible to re-enroll, you may request to be considered for readmission by exception. If you left Eastern on social probation or suspension, you must be approved by the Division of Student Affairs before being readmitted.

If you have attended another institution since leaving Eastern, you will be considered for admission under the guidelines for transfer students above.

INTERNATIONAL STUDENTS
If you apply to Eastern for admission as an international student under the visa classification system of the Immigration and Naturalization Service, you must complete an application file 30 days prior to the beginning of the term for which you wish to enroll. This file consists of the following: 1) application for admission; 2) TOEFL (Test of English as a Foreign Language) score of at least 500; 3) secondary school records or college or university transcript(s), as applicable; 4) Declaration and Certification of Finances, showing financial support to attend Eastern. If you are from Nigeria, Iran, Ghana, and Guyana, you must submit an advance deposit of $6,000 before Eastern can issue a Form I-20.

SPECIAL ADMISSIONS
1. High School Seniors
   Students who have one unit less than the number required for high school graduation with superior grades (i.e., 3.0+ grade point average) may be admitted upon the recommendation of the high school principal.

2. Transient Students
   If you are a student at another institution and wish to enroll at Eastern as a transient, or “visiting,” student, you may be admitted by submitting an official transcript or a statement indicating that you are eligible to return to your institution.

3. Veterans
   All honorably discharged veterans are admissible if they meet the equivalency (G.E.D.) requirement or are graduates of accredited high schools. Veterans who have attended other accredited post-secondary institutions are admissible under the same requirements as all other transferring students.

   Veterans are further encouraged to submit a legible copy of their Form DD-214 (discharge verification) in order to receive college credit for military service. This is not a requirement for admission.

4. Admission Without Regard to a Degree
   If you are over 21 years of age and wish to take courses as a non-degree student, you may be admitted if you are adequately prepared for the courses desired.

5. O'Donnell Scholarship Recipients
   If you are at least 65 years of age, you may be admitted to Eastern with a waiver of tuition. You need submit only an application for admission.

6. Special Consideration
   If you do not meet the conditions for admission noted above, you may request special consideration for admission. If, upon review, your request is approved, you may be admitted, but there may be certain restrictions and conditions on your enrollment.

Academic Programs
Eastern offers the following programs which are registered with the Kentucky Council on Higher Education. Many of these programs include approved options, designed to provide a background tailored for students’ individual needs. At the undergraduate level, these options are presented with the program descriptions in the Catalog. Options at the graduate level are found in the Graduate Catalog. Eastern cooperates with the University of Kentucky in offering joint doctoral programs.

MAJORS

<table>
<thead>
<tr>
<th>MAJORS</th>
<th>DEGREES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>BBA</td>
</tr>
<tr>
<td>Administrative Communication and Services</td>
<td>BBA</td>
</tr>
<tr>
<td>Agriculture</td>
<td>AS, BS</td>
</tr>
<tr>
<td>Anthropology</td>
<td>BA</td>
</tr>
<tr>
<td>Art</td>
<td>BA, BFA</td>
</tr>
<tr>
<td>Art (Teaching)</td>
<td>BA</td>
</tr>
<tr>
<td>Biology</td>
<td>BA, MS</td>
</tr>
<tr>
<td>Broadcasting</td>
<td>BA</td>
</tr>
<tr>
<td>Business Administration</td>
<td>MBA</td>
</tr>
<tr>
<td>Business Education</td>
<td>BS</td>
</tr>
<tr>
<td>Business and Industrial Security</td>
<td>AA</td>
</tr>
<tr>
<td>Chemistry</td>
<td>BA, BS, MS</td>
</tr>
<tr>
<td>Child Care</td>
<td>AS</td>
</tr>
<tr>
<td>Child and Family Studies</td>
<td>BS</td>
</tr>
<tr>
<td>Clinical Psychology</td>
<td>MS</td>
</tr>
<tr>
<td>Clothing Construction and Design</td>
<td>BS, MA in Ed</td>
</tr>
<tr>
<td>Communication Disorders</td>
<td>BS</td>
</tr>
<tr>
<td>Community Counseling</td>
<td>MA</td>
</tr>
<tr>
<td>Community Nutrition</td>
<td>MS</td>
</tr>
<tr>
<td>Computer Aided Drafting</td>
<td>AS</td>
</tr>
<tr>
<td>Computer Electronics Technology</td>
<td>AS</td>
</tr>
<tr>
<td>Computer Information Systems</td>
<td>BBA</td>
</tr>
<tr>
<td>Computer Science</td>
<td>BS</td>
</tr>
<tr>
<td>Computer Science and Mathematics (Teaching)</td>
<td>BS</td>
</tr>
<tr>
<td>Construction Technology</td>
<td>BS</td>
</tr>
<tr>
<td>Corrections and Juvenile Services</td>
<td>AA, BS</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>MS</td>
</tr>
<tr>
<td>Dietetics, General</td>
<td>BS</td>
</tr>
<tr>
<td>Earth Science (Teaching)</td>
<td>BS</td>
</tr>
<tr>
<td>Economics</td>
<td>BA, BBA</td>
</tr>
<tr>
<td>Educational Administration and Supervision</td>
<td>EdS</td>
</tr>
<tr>
<td>Elementary Education</td>
<td>EdS</td>
</tr>
<tr>
<td>(Early Elementary and Middle Grade)</td>
<td>BS, MA in Ed, EdS</td>
</tr>
<tr>
<td>Emergency Medical Care</td>
<td>AS</td>
</tr>
<tr>
<td>English</td>
<td>BA, MA</td>
</tr>
<tr>
<td>Environmental Health Science</td>
<td>BS</td>
</tr>
<tr>
<td>Environmental Resources</td>
<td>BS</td>
</tr>
<tr>
<td>Fashion Merchandising</td>
<td>BS</td>
</tr>
<tr>
<td>Finance</td>
<td>BBA</td>
</tr>
<tr>
<td>Fire and Safety Engineering Technology</td>
<td>AA, BS</td>
</tr>
<tr>
<td>Fisheries Management</td>
<td>BS</td>
</tr>
<tr>
<td>Foodservice Administration</td>
<td>BS</td>
</tr>
<tr>
<td>Forensic Science</td>
<td>BS</td>
</tr>
<tr>
<td>French</td>
<td>BA</td>
</tr>
<tr>
<td>General Business</td>
<td>BBA</td>
</tr>
<tr>
<td>Geography</td>
<td>BA</td>
</tr>
<tr>
<td>Geology</td>
<td>BA, BS, MS</td>
</tr>
<tr>
<td>German</td>
<td>BA</td>
</tr>
<tr>
<td>Health Care Administration</td>
<td>BBA</td>
</tr>
<tr>
<td>Health Education (Community)</td>
<td>BS</td>
</tr>
<tr>
<td>Health Education (School)</td>
<td>BS</td>
</tr>
<tr>
<td>Hearing Impaired</td>
<td>BS</td>
</tr>
<tr>
<td>History</td>
<td>BA, MA</td>
</tr>
<tr>
<td>Home Economics Education</td>
<td>BS</td>
</tr>
<tr>
<td>Home Economics, General</td>
<td>BS</td>
</tr>
<tr>
<td>Horticulture</td>
<td>BS</td>
</tr>
<tr>
<td>Degree</td>
<td>Major</td>
</tr>
<tr>
<td>------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>BIS</td>
<td>Individualized Studies</td>
</tr>
<tr>
<td>MS</td>
<td>Industrial Education</td>
</tr>
<tr>
<td>BBA</td>
<td>Insurance</td>
</tr>
<tr>
<td>AA, BA</td>
<td>Interior Design</td>
</tr>
<tr>
<td>AA</td>
<td>Interpreting for Deaf Individuals</td>
</tr>
<tr>
<td>PhD</td>
<td>Joint Doctor in Biology, General*</td>
</tr>
<tr>
<td>EdD</td>
<td>Joint Doctor in Educational Policy Studies and Evaluation*</td>
</tr>
<tr>
<td>EdD</td>
<td>Joint Doctor in Educational Psychology*</td>
</tr>
<tr>
<td>EdD</td>
<td>Joint Doctor in Health, Physical Education, and Recreation*</td>
</tr>
<tr>
<td>EdD</td>
<td>Joint Doctor in Higher and Adult Education*</td>
</tr>
<tr>
<td>EdD</td>
<td>Joint Doctor in Instructional and Supervision*</td>
</tr>
<tr>
<td>EdD</td>
<td>Joint Doctor in Special Education, General*</td>
</tr>
<tr>
<td>EdD</td>
<td>Joint Doctor in Vocational Education*</td>
</tr>
<tr>
<td>BA</td>
<td>Journalism</td>
</tr>
<tr>
<td>MS</td>
<td>Loss Prevention and Safety</td>
</tr>
<tr>
<td>BBA</td>
<td>Management</td>
</tr>
<tr>
<td>BS, MS</td>
<td>Manufacturing Technology</td>
</tr>
<tr>
<td>BBA</td>
<td>Marketing</td>
</tr>
<tr>
<td>BS</td>
<td>Mathematical Sciences</td>
</tr>
<tr>
<td>MS</td>
<td>Mathematics</td>
</tr>
<tr>
<td>BS</td>
<td>Mathematics-Physical Science (Teaching)</td>
</tr>
<tr>
<td>AS</td>
<td>Medical Assisting Technician</td>
</tr>
<tr>
<td>AS</td>
<td>Medical Laboratory Technician</td>
</tr>
<tr>
<td>BS</td>
<td>Medical Record Administration</td>
</tr>
<tr>
<td>AS</td>
<td>Medical Record Technology</td>
</tr>
<tr>
<td>BS</td>
<td>Medical Technology</td>
</tr>
<tr>
<td>BS</td>
<td>Microbiology</td>
</tr>
<tr>
<td>BA, BM, MM</td>
<td>Military Service Commission</td>
</tr>
<tr>
<td>BA</td>
<td>Music</td>
</tr>
<tr>
<td>BME, MME</td>
<td>Music Education</td>
</tr>
<tr>
<td>ASN, BSN</td>
<td>Nursing</td>
</tr>
<tr>
<td>AS</td>
<td>Nutrition Care Management</td>
</tr>
<tr>
<td>BS, MS</td>
<td>Occupational Therapy</td>
</tr>
<tr>
<td>AA</td>
<td>Office Systems/Technologies</td>
</tr>
<tr>
<td>AS</td>
<td>Ornamental Horticulture, Technical</td>
</tr>
<tr>
<td>AA, BA</td>
<td>Paralegal Studies/Science</td>
</tr>
<tr>
<td>BFA</td>
<td>Performing Arts</td>
</tr>
<tr>
<td>BA</td>
<td>Philosophy</td>
</tr>
<tr>
<td>BS, MS, EdS</td>
<td>Physical Education</td>
</tr>
<tr>
<td>BS, MS</td>
<td>Physics</td>
</tr>
<tr>
<td>AA, BS</td>
<td>Police Administration</td>
</tr>
<tr>
<td>BA, MA</td>
<td>Political Science</td>
</tr>
<tr>
<td>(Transfer Program)</td>
<td>Pre-Dental Hygiene</td>
</tr>
<tr>
<td>(Transfer Program)</td>
<td>Pre-Engineering</td>
</tr>
<tr>
<td>(Transfer Program)</td>
<td>Pre-Forestry</td>
</tr>
<tr>
<td>(Transfer Program)</td>
<td>Pre-Medical Sciences</td>
</tr>
<tr>
<td>(Transfer Program)</td>
<td>Pre-Optometry</td>
</tr>
<tr>
<td>(Transfer Program)</td>
<td>Pre-Pharmacy</td>
</tr>
<tr>
<td>(Transfer Program)</td>
<td>Pre-Physical Therapy</td>
</tr>
<tr>
<td>(Transfer Program)</td>
<td>Pre-Veterinary Medicine</td>
</tr>
<tr>
<td>MPA</td>
<td>Public Administration</td>
</tr>
<tr>
<td>BA</td>
<td>Public Relations</td>
</tr>
<tr>
<td>AS</td>
<td>Psychology</td>
</tr>
<tr>
<td>BS</td>
<td>Quality Assurance Technology</td>
</tr>
<tr>
<td>BBA</td>
<td>Real Estate</td>
</tr>
<tr>
<td>BS, MS</td>
<td>Recreation and Park Administration</td>
</tr>
<tr>
<td>AS</td>
<td>Recreation and Park Leadership</td>
</tr>
<tr>
<td>BA</td>
<td>Religion</td>
</tr>
<tr>
<td>MA in Ed, EdS</td>
<td>School Counseling</td>
</tr>
<tr>
<td>Psy S</td>
<td>School Psychology</td>
</tr>
<tr>
<td>BS</td>
<td>Science (Teaching)</td>
</tr>
<tr>
<td>MA in Ed</td>
<td>Secondary Education (21 Discipline Options)</td>
</tr>
<tr>
<td>BS</td>
<td>Security and Loss Prevention</td>
</tr>
<tr>
<td>BSW</td>
<td>Social Work</td>
</tr>
<tr>
<td>BA</td>
<td>Sociology</td>
</tr>
<tr>
<td>BA</td>
<td>Spanish</td>
</tr>
<tr>
<td>BA</td>
<td>Special Education</td>
</tr>
<tr>
<td>BS, MA in Ed, EdS</td>
<td>Speech Communication</td>
</tr>
<tr>
<td>BA</td>
<td>Speech and Theatre Arts</td>
</tr>
<tr>
<td>BA</td>
<td>Statistics</td>
</tr>
<tr>
<td>BS</td>
<td>Student Personnel Services in Higher Education</td>
</tr>
<tr>
<td>BS</td>
<td>Technology Education</td>
</tr>
<tr>
<td>BA</td>
<td>Theatre Arts</td>
</tr>
<tr>
<td>BA</td>
<td>Transportation and Physical Distribution Management</td>
</tr>
<tr>
<td>AS, BS</td>
<td>Vocational-Industrial and Technical Education</td>
</tr>
<tr>
<td>BS</td>
<td>Wildlife Management</td>
</tr>
</tbody>
</table>

**MINORS**

Eastern offers minors in a number of fields. Certain minors are restricted as teaching or nonteaching. Consult the index for the location of requirements for individual minors. The following minors are offered, some offering options or areas of specialization.

<table>
<thead>
<tr>
<th>Minor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace Studies</td>
<td></td>
</tr>
<tr>
<td>Agriculture</td>
<td></td>
</tr>
<tr>
<td>Anthropology</td>
<td></td>
</tr>
<tr>
<td>Applied Statistics</td>
<td></td>
</tr>
<tr>
<td>Art</td>
<td></td>
</tr>
<tr>
<td>Aviation</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td></td>
</tr>
<tr>
<td>Broadcasting</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
</tr>
<tr>
<td>Child and Family Studies</td>
<td></td>
</tr>
<tr>
<td>Clothing</td>
<td></td>
</tr>
<tr>
<td>Community Health</td>
<td></td>
</tr>
<tr>
<td>Computer Information Systems</td>
<td></td>
</tr>
<tr>
<td>Computer Science</td>
<td></td>
</tr>
<tr>
<td>Construction Technology</td>
<td></td>
</tr>
<tr>
<td>Corrections and Juvenile Services</td>
<td></td>
</tr>
<tr>
<td>Dance</td>
<td></td>
</tr>
<tr>
<td>Earth Science (Teaching)</td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td></td>
</tr>
<tr>
<td>Emergency Medical Care</td>
<td></td>
</tr>
<tr>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Environmental Health Science</td>
<td></td>
</tr>
<tr>
<td>Fashion Merchandising</td>
<td></td>
</tr>
<tr>
<td>Fire and Safety Engineering Technology</td>
<td></td>
</tr>
<tr>
<td>Foodservice Administration</td>
<td></td>
</tr>
<tr>
<td>French</td>
<td></td>
</tr>
<tr>
<td>General Business</td>
<td></td>
</tr>
<tr>
<td>Geography</td>
<td></td>
</tr>
<tr>
<td>Geology</td>
<td></td>
</tr>
<tr>
<td>German</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Home Economics, General</td>
<td></td>
</tr>
<tr>
<td>Humanities</td>
<td></td>
</tr>
<tr>
<td>Interior Design</td>
<td></td>
</tr>
<tr>
<td>Journalism</td>
<td></td>
</tr>
<tr>
<td>Managerial Communication</td>
<td></td>
</tr>
<tr>
<td>Manufacturing Technology</td>
<td></td>
</tr>
<tr>
<td>Mathematical Sciences</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td>Media Sales</td>
<td></td>
</tr>
<tr>
<td>Military Science</td>
<td></td>
</tr>
<tr>
<td>Music</td>
<td></td>
</tr>
<tr>
<td>Natural Resource Analysis</td>
<td></td>
</tr>
<tr>
<td>Nutrition</td>
<td></td>
</tr>
<tr>
<td>Office Administration</td>
<td></td>
</tr>
<tr>
<td>Philosophy</td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td></td>
</tr>
</tbody>
</table>

*Degrees awarded by University of Kentucky*
Planning  
Police Administration  
Political Science  
Psychology  
Public Relations  
Recreation and Park Administration  
Religion  
School Health  
Security and Loss Prevention  
Social Justice  
Social Welfare  
Sociology  
Soils  
Spanish  
Special Education  
Speech Communication  
Textiles  
Theatre Arts  
Traffic Safety  
Travel and Tourism  
Visual Media

ENDOSSMENTS AND CERTIFICATES
The following special endorsements and certificates are offered.

1. Undergraduate
   Adult Corrections Certificate  
   Art - Elementary Endorsement  
   Driver Education Endorsement  
   Emergency Medical Care Certificate  
   English as a Second Language (Teaching) Endorsement  
   Fire and Safety Engineering Technology Certificate  
   Medical Record Administration Post-baccalaureate Certificate  
   Medical Record Coding Certificate  
   Middle School Industrial Arts and Technology Endorsement  
   Middle School Vocational Home Economics Endorsement  
   Physical Education  
   Elementary Physical Education Endorsement  
   Athletic Coaching Endorsement  
   Athletic Training Certification  
   Office Systems Certificate  
   Special Education: Interpreting for Deaf Children and Youth Certificate

2. Graduate
   Counseling  
   Director of Special Education  
   Drivers Education  
   Early Elementary School Principal  
   English as a Second Language (Teaching)  
   Gifted Education  
   Middle Grade School Principal  
   Pupil Personnel  
   Reading Specialist (Elementary or Secondary)  
   School Business Administration  
   School Superintendent  
   School Psychology  
   Secondary School Principal  
   Supervisor of Instruction  
   Vocational Administration

PREPROFESSIONAL CURRICULA
1. Pre-Law Curriculum  
   Students interested in going to law school or exploring the possibility of going to law school should make an appointment with the University Pre-law Advisor as early in their academic career as possible. The Pre-law Advisor is located in the Depart-

ment of Government. The Pre-law Advisor can guide the student in selecting courses consistent with the American Bar Association recommendations noted below, plus provide valuable information on law schools, the Law School Admission Test, and typical admission procedures.

   Prospective law students should keep in mind that a broadly based liberal education will best equip one to study law. Thus, no fixed pre-law curriculum is prescribed. A special committee of the American Bar Association recommends that pre-law students take courses in written and speech communications, accounting, economics, psychology, and historical and contemporary social and political processes.

   Regardless of one's chosen major, the following abilities are absolutely essential in the study of law: to read critically, to think logically, and to write and speak effectively.

   Admission to an accredited law school is dependent upon a good undergraduate record with an earned baccalaureate degree and a competitive score on the Law School Admission Test.

2. "Three-Two" Curricula
   In addition to standard pre-professional curricula, Eastern may approve specially arranged combined curricula. Students approved for these curricula complete the first three years of requirements at Eastern. At the end of these three years, they enroll in one of several highly rated professional schools. After the first year of professional study, they transfer the work back in order to secure a Bachelor of Arts or a Bachelor of Science degree from Eastern. This plan may shorten by one year the time needed for obtaining both a baccalaureate and a professional degree.

3. Other Preprofessional Curricula
   Descriptions of the following preprofessional curricula may be found on the pages noted:
   Pre-Dental Hygiene ........................................... 45
   Pre-Engineering ............................................. 162
   Pre-Forestry ................................................. 162
   Pre-Medical Sciences (Pre-Dentistry) ..................... 163
   Pre-Optometry ................................................. 163
   Pre-Pharmacy .................................................. 163
   Pre-Physical Therapy ........................................ 45
   Pre-Veterinary .................................................. 63

UNDECLARED STUDENTS
   If you are not ready to declare a major, Eastern will enroll you as an undeclared student. You should declare a major as soon as you decide what you want to major in, hopefully by your fourth semester. Until you do declare, your curriculum will include general education courses appropriate for any four-year program. In addition, you will be encouraged to take exploratory electives that will allow you to sample disciplines that you might like to select as a major.

CHANGE OF MAJOR
   Undergraduate students who wish to change their major should report to Keith 129. When you change your major, you will be assigned a new advisor for the new major.

BACCALAUREATE DEGREE
Requirements

COMPREHENSIVE REQUIREMENTS
   To qualify for a baccalaureate degree, students must satisfy the following requirements:
   1. Complete all requirements in the degree program as established by appropriate University committees.
   2. Complete University academic requirements, including basic
skills proficiencies in English, reading, and mathematics; restricted electives; and general education; as established by appropriate University committees for each degree program.

3. Complete a minimum of 128 semester credit hours, with at least 43 hours at the 300 level or above.

4. Complete eight semester hours of Restricted Elective Requirements selected from MIL 101, 102, 202, and 203 OR electives from at least two departments outside the department of the major. These Restricted Electives may not be used to meet general education or other program requirements, nor may they be taken “Pass-Fail.”

5. Satisfy the University Writing Requirement.

6. Earn a minimum grade point average (GPA) of 2.0 on all work taken at Eastern. In addition, transfer students must earn a minimum GPA of 2.0 on the combined transfer work and Eastern work.

7. Earn a minimum of 32 semester hours through Eastern.

8. Earn at least 30 of the last 36 hours through Eastern, exclusive of student teaching (ELE 499, EMG 499, ESE 499, and SED 499).

9. Earn the credits applicable to the degree within eight years prior to the date the degree is awarded. Credits more than eight years old may be validated by the college dean

GENERAL EDUCATION REQUIREMENTS

General education requirements include 46 hours of course work designed to help each student develop as an educated person and as a citizen. For certain curricula, individual requirements are waived if they are satisfied in the major program. Refer to the program plans in Part IV of this Catalog.

The General Education Program consists of course work in five broad areas: symbols of information; humanities; social science; natural science; and physical education and health. These areas are subdivided into the 19 categories listed below. Students must earn the specified number of hours in the 15 “required” categories. In addition they must earn three hours in each of two of the four “optional” categories (categories 04, 08, 12, 16).

Notes: The courses listed below award three hours of credit, unless a number appears in parentheses following the course name. This number represents the hours awarded for such courses. Course numbers followed by an asterisk (*) have prerequisites or other restrictions on enrollment. Refer to course descriptions in Part IV of this Catalog for specific restrictions.

I. Symbolics of Information.

  01 Symbolics. English Composition. Three hours required.
  ENG 101* English Composition I
  ENG 105* English Composition Honors (3 or 6)
  NOTE: Students earning “A” or “B” in ENG 105 will earn six hours of credit, three of which will be applied to category 02. Those earning “C” or “D” will earn three hours credit and will then take ENG 102.

  02 Symbolics. English Composition. Three hours required.
  ENG 102* English Composition II
  HON 102* Honors Rhetoric (6; for categories 01 and 02)

  03 Symbolics of Information. Three hours required.
  ACS 201* Business Communications
  CIS 212* Introduction to Computer Information Systems
  CSC 104* Computer Literacy with Software Applications
  CSC 171* Introduction to Computer Programming-BASIC (1)
  CSC 172* Advanced BASIC (2)

  CSC 174 Introduction to Computer Programming-FORTRAN
  CSC 180 Introduction to Computer Programming-Pascal
  FLS 300* Elements of Foreign Language
  FRE 101 Elementary French I
  FRE 102* Elementary French II
  FRE 201* Elementary French III
  FRE 204 Review of French Grammar
  FRE 211* French Reading I
  FRE 340* Intermediate French Phonetics
  FRE 360* Intermediate Grammar and Composition
  GER 101 Elementary German I
  GER 102* Elementary German II
  GER 201* Intermediate German I
  GER 202* Intermediate German II
  GER 204 Review of German Grammar
  GER 240* Beginning Conversation
  GER 340* Intermediate Conversation
  GER 360* Intermediate Grammar and Composition
  GRE 101 Elementary Greek I
  GRE 102* Elementary Greek II
  GSL 112* College Reading/Study Skills
  or
  GSL 115 Learning Dynamics (1)
  GSL 116 Rapid Reading (1)
  GSL 201 Vocabulary-Symbols of Information

  NOTE: Students may count a maximum of three semester hours of GSL course work toward general education.

  ITA 101 Elementary Italian I
  ITA 102* Elementary Italian II
  ITA 201* Elementary Italian III
  ITA 202* Intermediate Italian
  JPN 101 Elementary Japanese I
  JPN 102 Elementary Japanese II
  LAT 101 Elementary Latin I
  LAT 102* Elementary Latin II
  LAT 201* Intermediate Latin I
  LAT 202* Intermediate Latin II
  MAT 106 Applied Finite Mathematics
  MAT 107* College Algebra
  MAT 109* Precalculus Mathematics (5*)

  NOTE: Only three semester hours of MAT 109 may count for general education.

  MAT 121* Calculus and Analytic Geometry I
  MAT 122* Calculus and Analytic Geometry II
  MAT 124* Differential and Integral Calculus (4)
  MAT 211* Calculus with Applications for Business and Economics
  MAT 261* Fundamentals of Calculus with Applications I
  PHI 100 Practical Reasoning
  POR 501* Accelerated Elementary Portuguese I
  POR 502* Accelerated Elementary Portuguese II
  RUS 101 Elementary Russian I
  RUS 102* Elementary Russian II
  RUS 201* Intermediate Russian I
  RUS 202* Intermediate Russian II
  RUS 206* Beginning Conversation
  SPA 101 Elementary Spanish I
  SPA 102* Elementary Spanish II
  SPA 201* Intermediate Spanish I
  SPA 202* Intermediate Spanish II
  SPA 206* Beginning Conversation
  SPA 215 Applied Communication Skills in Spanish
  SPA 340* Intermediate Spanish Conversation
  SPA 360* Intermediate Grammar and Composition
  SPE 100 Introduction to Speech Communication
Interpersonal Survey

Introduction

Historical Introductory Survey

Humanities.

Social

231* Honors Humanities

141 Human Problems

25 Introduction

131 Non-Industrial Elementary Introduction

General Historical

Environmental Introductory Traditional Descriptive Political Humanities

Contemporary Introduction Social Special Applied Conservation Economics Ideologies

110 Principles

385 Special Principles

202 Topics Argumentation Philosophy Honors Human Preindustnal

100* Survey Regions

II.

GENERAL

04 Symbolics of Information. Three hours optional.
Select an additional three semester hours from category 03 or HON 304, Special Topics.

II. Humanities.

05 Chronological Humanities. Three hours required.
ENG 211* Survey of World Literature I
HON 205* Honors Humanities I
HUM 226* Human Experience in Traditional Cultures

06 Chronological Humanities. Three hours required.
ENG 212* Survey of World Literature II
HON 206* Honors Humanities II
HUM 228* Human Experience in the Modern World

07 Creativity Humanities. Three hours required.
ART 200 Art Appreciation: Orientation
ART 390 Survey of Art History I
ART 391 Survey of Art History II
FCC 220 French Culture and Civilization
FCC 222 German Culture and Civilization
FCC 224 Russian Culture and Civilization
FCC 225 Spanish Culture and Civilization
FCC 226 Spanish-American Culture and Civilization
HUM 124* Introduction to Humanities
MUS 171 Enjoyment of Music
MUS 272 Music Literature
MUS 371* Music History I
MUS 372* Music History II
PHE 200 Heritage of Dance
PHI 110 Beginning Philosophy
PHI 130 Beginning Ethics
PHI 240 Philosophy of Religion
PHI 300 Greek and Roman Philosophy
PHI 320 Modern Philosophy
REL 301 World Religions
THE 100 Forms and Philosophy of Theatre
THE 390 Theatre History I
THE 391 Theatre History II

08 Humanities. Three hours optional.
Select an additional three semester hours from category 07 or from the following courses:
CAH 315 Topics in Humanities General Education
COM 350 Cinema History I
COM 351 Cinema History II
HON 308 Special Topics
HUM 300* The Individual in Contemporary Society
HUM 310* The Creative Imagination in Humanities and Science
MUS 273 Survey of American Popular Music
PHI 340 Philosophy of Science
PHI 360 Human Nature
PHI 385 Environmental Ethics

III. Social Science.

09 Social Science Principles. Three hours required.
ANT 120 Introduction to Cultural Anthropology
ECO 120* Economics in A World Setting-Principles
ECO 230 Principles of Economics I

NOTE: To count ECO 230 for general education, students must also take ECO 231.
GEO 101 Introduction to Geography
GSS 142 Introduction to Social Science
POL 100 Principles of Politics and Government
SOC 131 Introductory Sociology

10 Historical Social Science. Three hours required.
ANT 210 Non-Industrial Societies Around the World
GEO 201 Historical Geography I: Pre-Industrial Era
GSS 246* Preindustrial World Civilizations
HIS 202 American Civilization to 1877
HIS 231* Western Civilization I
HON 210* Honors Civilization I
POL 210 Political Development: Traditional and Transitional Societies

11 Historical Social Science. Three hours required.
ANT 211 Industrial Societies Around the World
GEO 202 Historical Geography II: Modern World
GSS 247* Industrialism in World Civilizations
HIS 203 American Civilization Since 1877
HIS 232* Western Civilization II
HON 211* Honors Civilization II
POL 211 Political Development: Modern Societies

12 Social Science: Contemporary Problems. Three hours optional.
ANT 325 Problems in Contemporary Cultures
CSB 315 Topics in Social Science General Education
ECO 130* Contemporary Economic Problems
ECO 231 Principles of Economics II

NOTE: To count ECO 231 for general education, students must also take ECO 230.
GEO 302 Conservation and Environmental Problems
GEO 321 Urban Geography
GEO 322 Political Geography
GEO 345 Regions and Nations of the World
GSS 250 Ideologies and Institutions of Contemporary Society
GSS 300 Global Challenge and Response
HON 312* Special Topics
POL 101 Introduction to American Government
POL 220 Problems of International Politics
POL 300 Contemporary Political Problems
PSY 300* Social Psychology
SOC 235 Social Problems
SOC 237 Population and Society

IV. Natural Science.

13 Biological Laboratory Science. Three hours required.
The listed courses are recommended, but students may take any three-hour biological laboratory science offered by the College of Natural and Mathematical Sciences.
BIO 100* Introductory Biology
BIO 131 General Botany (4)
BIO 141 General Zoology (4)
BIO 171 Human Anatomy

GENERAL ACADEMIC INFORMATION 25
**V. Physical Education and Health.**

17 Physical Education I. One hour required.
   HPR 180  Fitness and Wellness (1)

18 Physical Education II. One hour required.
   HPR 282  Exercise, Movement, and Sports Skills (1)

19 Health. Two hours required.
   HEA 281  Personal and Community Health (2)

**LOWER DIVISION REQUIREMENTS**

Students should try to complete nearly 50 percent of the General Education program during their first 60 hours, including HPR 180 and 282. They must enroll in English composition each semester until they satisfy the six-hour requirement. They should complete Academic Orientation during the first semester.

**Associate Degree Requirements**

**COMPREHENSIVE REQUIREMENTS**

To qualify for an associate degree, students must satisfy the following requirements:
1. Complete all requirements in the degree program as established by appropriate University committees.
2. Complete University academic requirements, including basic skills proficiencies in English, reading, and mathematics; restricted electives; and general education; as established by appropriate University committees for each degree program.
3. Complete a minimum of 64 semester credit hours.
4. Complete four semester hours of Restricted Electives selected from MIL 101, 102, 202, and 203 OR electives from at least two departments outside the department of the major. These Restricted Electives may not be used to meet general education or other program requirements, nor may they be taken "Pass-Fail."
5. Earn a minimum grade point average (GPA) of 2.0 on all work taken at Eastern. In addition transfer students must earn a minimum GPA of 2.0 on the combined transfer work and Eastern work.
6. Earn a minimum of 16 semester hours through Eastern.
7. Earn a minimum of 15 of the last 18 hours through Eastern.
8. Earn the credits applicable to the degree within eight years prior to the date the degree is awarded. Credits more than eight years old may be validated by the college dean.

**GENERAL EDUCATION REQUIREMENTS**

Students in associate degree programs must earn a minimum of 16 hours in courses approved for general education. These hours must include ENG 101 and ENG 102 or their equivalent. The ten additional hours must include approved courses in categories 05-06 (humanities); categories 09-12 (social science); and categories 13-16 (natural science) or an approved MAT course from category 03. Courses meeting general education requirements have been identified by an asterisk (*) in the curriculum listings in Part IV.

**Academic Regulations**

Students must become familiar with all regulations and procedures required in their program. In no case should they expect waiver or exception to published program requirements because they were unaware of the regulation or because an advisor or other authority did not directly present the information. All students should become familiar with the general academic information section of the Catalog and the specific college and departmental program requirements.
DEVELOPMENTAL REQUIREMENTS
All students at Eastern must demonstrate proficiency in the basic skills of reading, writing, and mathematics. The University measures these basic proficiencies by the student’s performance on the ACT test and on Eastern placement tests. In the case of transfer students, the University also considers performance at the previous institution. Students who need additional help in these basic skill areas are required to pass appropriate developmental courses before confronting a rigorous academic program.

Credits earned in developmental courses do not apply toward graduation (“institutional credit only”), but they do count toward the student’s enrollment status for such purposes as financial aid eligibility and full-time student status.

A student who fails a developmental course twice will be dismissed from the University. The student will be ineligible to enroll until the required developmental course has been completed. The student may complete the requirement in one of the following ways: 1) by enrolling in and successfully completing the course during an Eastern summer session; 2) by enrolling in and successfully completing the developmental class as provided by the University Special Admission policy; 3) by successfully completing an equivalent course at another institution and then passing the appropriate Eastern proficiency examination. Students may appeal to the Developmental Readmission Appeals Committee for reinstatement at the University if they believe they failed to complete the required course because of catastrophic circumstances beyond their control.

UNIVERSITY WRITING REQUIREMENT
To ensure that graduates of Eastern possess important communication skills, the faculty and Board of Regents have approved a University Writing Requirement. All students seeking baccalaureate degrees from Eastern, including transfer students, must successfully complete an essay exam in English.

Baccalaureate degree students must take the exam in the first semester of enrollment after completing the 60th credit hour. Transfer students who transfer 60 credit hours or more must take the exam in the first semester of enrollment.

Students who fail the first attempt may retake the exam under the following conditions:
A. prior to the next enrollment, they must file with their advisors a remediation plan;
B. they may not enroll for more than 12 hours in any fall or spring semester until the exam requirement is satisfied; and
C. they may not enroll beyond 100 hours until the exam requirement is satisfied.

CATALOG
For general education requirements, students will be governed by the Catalog in use at the time they enter the University. For major program requirements, full-time students use the Catalog in force when they declare a major; part-time students by the one in force when they sign a planned curriculum. However, students may choose to use the current Catalog. If a student’s enrollment is interrupted for more than one year, the student uses the Catalog in force when the student re-enrolls.

The above refers only to curricular requirements. With respect to policy requirements, all students are governed by current University policies that have been approved by appropriate University committees.

CLASSIFICATION OF STUDENTS
A student’s classification is determined by the number of semester hours earned, as follows:
Freshman - 0-29 semester hours earned
Sophomore - 30-59 semester hours earned
Junior - 60-89 semester hours earned
Senior - 90 or more semester hours earned

GOOD ACADEMIC STANDING
A student is considered to be in good academic standing at Eastern when that student maintains a grade point average that permits the student to re-enroll in the institution on a full-time basis and in the duly designated academic program.

SATISFACTORY PROGRESS
Degree seeking students shall be considered to be making satisfactory progress so long as they remain in good academic standing and enroll in courses required by or allowed for in their academic program.

STUDENT LOAD
A full-time student is one who enrolls for from 12 to 18 credit hours during a fall or spring term. Students carrying fewer than 12 credit hours are considered part-time. A student who has established superior records may be permitted to enroll for more than 18 hours by the dean of the college of the student’s first major.

The absolute maximum load is 21 credit hours.

Six to nine semester hours are considered a normal load for a summer session. Fewer than six being are a part-time load, and more than ten are not permitted. The student’s academic dean must approve a ten-semester-hour load.

Three semester hours constitute the load for the spring intersession, with a four-hour maximum permitted with approval.

The above limitations apply to all enrollments or combinations of enrollments for the term specified, including campus classes, extended campus classes, correspondence study (refer to the Correspondence Course Bulletin), and enrollments at other institutions. The Registrar will not record credits beyond these maximums.

DOUBLE MAJOR
A student pursuing an associate or baccalaureate degree may consider a double major. If the student completes both majors, they will be recorded on student’s official transcript. Students interested in a double major should contact the Dean for Academic Support and Undergraduate Studies for additional information.

CLASS ATTENDANCE
The University expects all students to attend class regularly. Students are responsible for course work covered during all class periods, including the first class meeting. Each instructor will record absences and deal with them in a manner consistent with departmental policy for that course. Since attendance policies vary among departments and for courses within departments, students must be familiar with the policy announced by each instructor.

If a student presents the instructor with an adequate and documented reason for an absence, the instructor normally will give the student an opportunity to make up the work missed, if this is feasible. Adequate reasons involve circumstances beyond the student’s control, such as personal illness, critical illness or death in the immediate family, or participation in an approved University activity. It is the student’s responsibility to initiate the request to make up class work missed.

RESCHEDULING OF FINAL EXAMINATION
If a student is scheduled for more than three final examinations on the same day, the student may request, through the college dean, that the fourth examination be rescheduled.

SCHEDULE CHANGES
If students wish to add courses to their schedule, they must do so by the date published in the Schedule of Classes Bulletin for that term.
With the advisor’s approval, students may officially drop a course only through the eighth week of classes during a regular semester. They may drop an intersession, summer session, or nonstandard course through its midpoint. Refer to Part II of this Catalog for the University’s Refund Policy. Refer to the current Schedule of Classes Bulletin for deadlines and schedule change fee information.

If a student drops a course during the first week of a regular semester, that course will not appear on the student’s grade report or transcript. Courses dropped from the beginning of the second week through their midpoint (eighth week of a full semester) will be assigned a grade of “W,” which will appear on the student’s grade report and transcript. Students who stop attending after the midpoint of the course will be subject to assignment of the grade of “F.”

After the eighth week, or midpoint, a student who is the victim of extraordinary circumstances may petition the Vice President for Academic Affairs and Research for administrative withdrawal from a class. The student should prepare a written petition and should include justification and documentation for the drop. A Change of Schedule form signed by student’s advisor must be enclosed with the petition. If approved, the Registrar will assign the grade of “W” and will notify the instructor of the class.

Faculty will inform students, upon their request, of their academic progress prior to the last day that a course may be dropped.

Students who are assigned a grade of “F” in a course due to academic dishonesty will not be permitted to drop the course.

WITHDRAWAL FROM THE UNIVERSITY

Students finding it necessary to withdraw from the University must request an official withdrawal at the Registrar Records Office, Coates Administration Building, Room 15. A withdrawal is granted only through the eighth week of classes during a regular semester or through the midpoint of any intersession, summer session, or nonstandard course. A grade of “W” is assigned. Students who leave the University without an official withdrawal are subject to the grade of “F.”

After the eighth week, a student who is the victim of extraordinary circumstances may petition the Vice President for Academic Affairs and Research for an administrative withdrawal from the University. The student should prepare a written petition and should include justification and documentation for the withdrawal. If approved, the Registrar will assign grades of “W” and will notify the instructors of the classes.

GRADE POINTS PER HOUR

1. Letter Grades

     Grade Meaning     | Grade Points Per Hour
     A Excellent       | 4
     B Good           | 3
     C Average        | 2
     D Poor           | 1
     F Failure        | 0
     I Incomplete     | 0
     P Passing        | 0
     S Passing        | 0
     U Failure        | 0
     W Withdraw       | 0
     CR Credit Only   | 0
     NR Not Reported  | 0
     IP In Progress   | 0
     NC No Credit     | 0
     AU Audit         | 0

The grade point average (GPA) is based on those courses in which a student earned grades of “A,” “B,” “C,” “D,” “F,” or “U.” The first step is to figure the number of hours attempted in courses numbered 100 or above that award any of these grades. Next, one obtains the total grade points for each of these courses. This is figured by multiplying the grade points for each grade by the number of credit hours of the course. For example, a student earning a “B” in ENG 101, a three-hour course, would have earned nine grade points. Finally, the total grade points are divided by the hours attempted. To meet graduation requirements of at least a 2.0 GPA, students must earn at least twice as many grade points as they have hours attempted.

An instructor shall assign a grade of “I” if the instructor believes that the student has been unable to complete the course on time because of unavoidable conditions. The student must complete such a course by the end of the next full-length (i.e., fall or spring) term. If the student does not do so, the “I” grade becomes an “F.”

Instructors may assign a grade of “IP” in certain courses in which it might reasonably take students more than a single semester to complete all requirements. A student assigned an “IP” grade for internship, practicum, or self-paced courses must complete requirements within the calendar year after the “IP” is awarded to receive credit. If requirements are not completed, the Registrar will change the “IP” grade to “NC” (NO CREDIT), and the student must register again for the course to receive credit.

2. Pass-Fail (“P” - “F”) Option

The Pass-Fail option encourages students to take courses they might otherwise avoid because of lack of background or concern for lowering their grade point average (GPA).

Students who have earned 30 or more semester hours of credit with a minimum GPA of 2.0 may choose the Pass-Fail (“P” - “F”) option for a total of 15 hours of free electives. These hours must be exclusive of general education, major, minor, and other course requirements for graduation. Eligible courses must belong exclusively to the category, free electives. Hours passed under the Pass-Fail option will not be used in the computation of GPAs; however, hours failed (“F” or “U”) will be used.

Students may choose the Pass-Fail option for one course per semester with a maximum of five credit hours per semester.

Students may select the Pass-Fail option when they register, and they may change to or from the Pass-Fail option up to the date specified in each semester’s Schedule of Classes Bulletin. Refer to the registration form for signatures needed to take a class Pass-Fail.

3. Auditing Courses

A student may audit a course (i.e., take it without credit) with the permission of the instructor and the dean of the college involved. Registration procedures and fees are the same as for courses taken for credit. Students enrolled for audit must comply with the attendance policy of the instructor, or no course entry will be made on their academic record.

4. Grade Appeals

If a student believes that the final grade assigned in a course is unjustified, the student should consult the instructor, seeking a satisfactory explanation. If, after doing so, the student still feels that the grade is unjustified, the student may appeal the grade, in writing, to the department chair. A written appeal must be filed with the chair within 30 days after the beginning of the next semester (exclusive of intersession and summer session). Refer to the University Handbook for Students for complete policy concerning grade appeals.

5. Grade Calculation for Repeated Courses

With the advisor’s approval, the grade in a course taken for a second time will replace the first grade earned. A repeat and replacement of any grade beyond the first repeat must be author-
ized by the dean of the college of the student’s first major. If a student enrolls in a course for a third or subsequent time without approval, the student will be administratively withdrawn from the course.

The grade earned in a course taken at another institution will not replace a grade earned at Eastern. A grade of “S,” “CR,” or “P” will not replace a letter grade.

6. Grade Change

Any change of grades stemming from reassessments or error corrections must be made by the following deadlines:

- for fall semester grades - the last day of the following spring semester;
- for spring, intersession, and summer semester grades - the last day of the following fall semester.

Once a degree has been posted to the transcript, changes will not be made to courses or grades earned prior to the posted degree.

ACADEMIC HONESTY

The University faculty have the right to expect students to adhere to the principles of academic honesty. These principles require students to present as theirs only academic work that they are actually responsible for.

Academic dishonesty will not be tolerated. Depending upon the seriousness of the infraction, students found guilty of plagiarizing or cheating will be sanctioned in any of several ways. These range from receiving a failing grade on the assignment to being assigned a failing grade in the course. In addition, if the case is assigned to the Student Disciplinary Board, severer sanctions are possible.

For a full description of what is considered plagiarizing and cheating, refer to the section entitled Academic Honesty Policy in the University Handbook for Students.

REPEATING COURSES

With the advisor’s approval, a student may repeat a course taken once previously (second enrollment in the same course). A student may enroll in the same course for a third or subsequent time only under unusual circumstances and with the written permission of the dean of the college of the student’s first major. An enrollment is counted as a repeat if a previous enrollment in the course resulted in a passing or failing grade. If a student enrolls in a course for a third or subsequent time without approval, the student will be administratively withdrawn from the course. Refer to Grade Calculation for Repeated Courses and Developmental Requirements in this section, as well as the repeat policies of the College of Business and the Department of Mathematics, Statistics, and Computer Science in Part IV.

TRANSFER CREDITS/COURSES

Eastern will accept all credits earned at junior and senior colleges accredited by the regional accrediting associations, such as the Commission on Colleges of the Southern Association of Colleges and Schools. However, the dean of each of the University’s colleges determines whether particular transfer credits may be used to meet requirements in the programs of that college.

This two-stage procedure will be used to evaluate credits of students newly transferring to Eastern. It will also be used to evaluate credits earned at other institutions by Eastern students. Accordingly, Eastern students are strongly advised to obtain their college dean’s prior approval of any course work they plan to transfer back to Eastern. The University will take no responsibility for courses transferred without prior approval.

The University considers lower division credits transferred to Eastern as lower division, even if Eastern offers a comparable course at the upper division.

PLANNED CURRICULUM

The planned curriculum is a statement of the student’s degree requirements. Students in baccalaureate degree programs who have earned 60 semester hours should see their advisor to execute a planned curriculum. Students in associate degree programs who have earned 15 semester hours should see their advisor to execute a planned curriculum.

CORRESPONDENCE CREDIT

Students with a 2.0 grade point average (GPA) or higher may earn up to 32 semester hours of credit through correspondence courses for a baccalaureate degree and 16 semester hours for an associate degree. To apply correspondence credit toward graduation requirements, a student must complete all course requirements, including the final examination, by the following dates: December graduates by November 1, May graduates by March 1, and August graduates by July 1. Students who wish to enroll in a correspondence course should consult with the Office of Extended Programs and refer to the Correspondence Course Bulletin for policies and restrictions.

CREDIT BY EXAMINATION

To demonstrate competence attained through educational experiences other than university instruction, students may attempt to earn academic credit by examination in certain undergraduate courses. Conditions which apply to credit by examination are:

1. Only admitted students are eligible for credit by examination.
2. Credit earned by examination is recorded without a letter grade; hence, it has no effect upon the overall grade point average (GPA).
3. A student may attempt to earn credit by examination in a particular course only once.
4. A student may not earn credit by examination in a course which the student has failed without the approval of the dean of the college offering the course.
5. A student may not take a course-specific College Level Examination Program (CLEP) or departmental examination for credit for a course in an area in which advanced course work has already been completed, as determined by the department responsible for the discipline under consideration.
6. A student may not take General CLEP examinations after completing 30 semester hours of college credit without special approval from the Dean for Academic Support and Undergraduate Studies.
7. Special fees are assessed for credit by examination and must be paid prior to taking an examination.
8. A student may attempt to earn credit through a CLEP exam or an American College Testing Proficiency Examination Program (ACT-PEP) exam either before or after enrolling at Eastern and through departmental exams and National League of Nursing exams after enrolling; however, credit earned will not be officially recorded until the student has completed at least 12 semester hours of credit in regular courses at Eastern with a minimum GPA of 2.0.

STUDY ABROAD PROGRAMS

In keeping with its commitment to international and intercultural awareness, the University offers several study abroad programs. In addition, the Department of Foreign Languages offers a wide range of courses in the languages and cultures of other nations. Through the study of foreign languages and cultures, students develop a broader perspective on the world in which they live.

Students may study in Europe through the Kentucky Institute for European Studies (KIES), a consortium of Kentucky colleges and universities. KIES operates a network of summer programs in Munich, Germany; Salzburg and Bregenz, Austria; Nimes and Paris, France; Florence, Italy; and Madrid, Spain. Each of these...
programs offers a variety of academic courses which students may take for university credit. Costs vary according to program. Additional information can be obtained from the Office of International Education or the Dean of the College of Arts and Humanities.

Students may study in Britain through the Cooperative Study in Britain (CCSB), a consortium of Kentucky colleges and universities. Students may take courses during Christmas vacation in London, a two-week course in May in Ireland, and a five-week course in the summer in England. They may also enroll in a junior-year abroad program or enroll for a semester in Oxford. Costs vary according to program. Additional information can be obtained from the Office of International Education, the Dean of the College of Arts and Humanities, or the Dean of the College of Social and Behavioral Sciences.

DEAN’S LIST

The Dean’s List is one of several ways in which the University recognizes students who achieve academic excellence. The Dean’s List is published after each regular semester. Eligibility requirements for the Dean’s List are as follows:

<table>
<thead>
<tr>
<th>Hours Attempted</th>
<th>Minimum GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>3.75</td>
</tr>
<tr>
<td>13</td>
<td>3.65</td>
</tr>
<tr>
<td>14 or more</td>
<td>3.50</td>
</tr>
</tbody>
</table>

Students attempting fewer than 12 semester hours under the regular grading system are not eligible for the Dean’s List.

Courses below the 100 level will not be counted in determining eligibility for the Dean’s List.

DEAN’S AWARD

As a further recognition of academic excellence, the University presents the Dean’s Award to students who have achieved the Dean’s List three times. Students receiving the Dean’s Award are presented with a recognition pin by the appropriate academic dean.

MINIMUM SCHOLASTIC STANDARDS

Students are expected to maintain at least a 2.0 cumulative grade point average (GPA). The conditions and actions listed below apply to students whose GPA’s fall below 2.0.

1. Academic Warning - Applies to all students whose cumulative GPA falls below 2.0 but above the values listed below. The students and their advisors will be so notified. Students on academic warning cannot serve as officers or committee members in any campus organization or carry more than 16 hours a semester or six hours a summer session.

2. Academic Probation - Applies to all students whose cumulative GPA falls below the values listed below. The students and their advisors will be so notified. Students on academic probation cannot serve as officers or committee members in any campus organization or carry more than 14 hours a semester or six hours a summer session. Students will be removed from probation after the probationary semester by raising their cumulative GPA above the values listed. If they do not, they may be continued on probation one semester at a time. To do so they must earn a semester GPA of at least 2.2 during the probationary semester.

<table>
<thead>
<tr>
<th>Cumulative Hours Attempted</th>
<th>Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-16</td>
<td>1.2</td>
</tr>
<tr>
<td>17-32</td>
<td>1.4</td>
</tr>
<tr>
<td>33-48</td>
<td>1.5</td>
</tr>
<tr>
<td>49-64</td>
<td>1.6</td>
</tr>
<tr>
<td>65-80</td>
<td>1.7</td>
</tr>
<tr>
<td>81-96</td>
<td>1.8</td>
</tr>
<tr>
<td>97-112</td>
<td>1.9</td>
</tr>
<tr>
<td>113 AND UP</td>
<td>2.0</td>
</tr>
</tbody>
</table>

3. Suspension - Students will be suspended from the University for one semester when they fail to meet the above academic probation requirements. They may be considered for immediate readmission only when failure to achieve the requirements is the result of a catastrophic event.

4. Dismissal - A student deserving suspension for a second time will be dismissed from the University for one year. Readmission after a second dismissal is not normally possible.

When students return from suspension or dismissal, they return on academic probation.

READMISSION UNDER SPECIAL CONDITIONS

1. Academic Bankruptcy of Eastern Work

Academic bankruptcy allows undergraduate students to choose to have none of their previous undergraduate work at Eastern counted toward graduation and in the computation of their grade point average (GPA).

To be eligible:
(a) a student must be readmitted to the University after an interruption of enrollment of two or more years;
(b) a student must state, in writing, his or her intention to declare bankruptcy to the Office of the Registrar;
(c) no student may declare bankruptcy from Eastern more than one time;
(d) a student must attain a minimum of a 2.25 GPA with no grade lower than a "C" on all Eastern work taken after the readmission noted above and at the end of the term in which the twelfth hour is attempted;
(e) all courses and grades will remain on the student’s transcript and will be counted in computing graduation with honors.
(f) the term noted above in which the twelfth hour is attempted must be spring 1986 or more recent.

2. Academic Bankruptcy of Transferred Work

Academic transfer bankruptcy allows undergraduate students to choose to have work attempted at other institutions not counted toward graduation or in their grade point average (GPA) at Eastern.

To be eligible:
(a) a student must not have attended an institution of higher education for at least two years prior to enrolling at Eastern;
(b) a student must state, in writing, the intention to declare bankruptcy to the Office of the Registrar;
(c) a student must attain a minimum of a 2.25 GPA with no grade lower than a “C” on all work taken at the end of the term in which the twelfth hour is attempted at Eastern;
(d) a student may declare academic transfer bankruptcy on work from a single institution or from several; however, academic transfer bankruptcy may be declared only once;
(e) bankruptcy of work from a transfer institution applies to all work from that institution; no courses or grades earned there may be counted toward a program at Eastern;
(f) all courses and grades will remain on the student’s transcript and will be counted in computing graduation with honors.
(g) the term noted above in which the twelfth hour is attempted must be fall 1986 or more recent.

3. One-Course Enrollment

Students who have been suspended or dismissed may enroll in a single course during regular semesters and intersession and six semester hours during a summer session in an attempt to bring their grade point average above the academic probation level.

4. Special Opportunity

A student who has been out of college for at least 12 months and who has been pursuing a baccalaureate program may be permitted to re-enroll in an associate degree program. If the student chooses to do so, grades for previous courses not applicable to the associate degree requirements will not be considered
in determining his or her GPA. If the student subsequently is permitted to enter a baccalaureate program, grades in all courses attempted will be included in the computation of the GPA for the baccalaureate degree program. The curriculum contract required for participation in this program must be initiated through the Dean for Academic Support and Undergraduate Studies.

SUBSEQUENT DEGREES
Only one degree will be awarded at the completion of the baccalaureate or associate degree requirements. Students satisfying requirements in more than one major area will earn two or more majors, and these will be so noted on their transcripts. Refer to Double Major in this section. These majors will be either baccalaureate second majors or associate second majors.

Students having earned one degree may subsequently pursue another, either associate or baccalaureate, by completing all of the requirements of the subsequent degree, including major, supporting, and general education requirements. While some of the hours earned from the earlier degree may count toward the subsequent degree, students must earn at least 16 additional approved semester hours for an associate degree. At least 32 additional hours are required for a baccalaureate degree. If approved in advance by the dean, the student may earn up to eight of the additional hours required for an associate degree while working on the prior degree. Again, with advance approval, the student may earn up to 15 of the additional hours required for a baccalaureate degree while working on the prior degree.

Graduation
APPLICATION FOR GRADUATION
Students completing requirements for graduation in December should apply before the end of the preceding April. May and August graduates should apply by the end of the preceding October.
Appropriate ceremonies are held at the close of the fall and spring semesters and the summer session. Students who are candidates for degrees are encouraged to participate in the ceremony.
Students who complete degree programs in December are invited to participate in the May commencement exercises. However, they will be mailed their diplomas after the end of the fall semester. A reception is held in December to honor those completing degree programs during the fall semester.

HONORS FOR BACCALAUREATE DEGREE GRADUATES
Students are graduated Summa Cum Laude if they attain a cumulative GPA of 3.9 or higher on all semester hours transferred to and attempted at Eastern and if they complete a minimum of 64 hours at Eastern.
Students are graduated Magna Cum Laude if they attain a cumulative GPA of at least 3.7 but less than 3.9 on all semester hours transferred to and attempted at Eastern and if they complete a minimum of 64 hours at Eastern.
Students are graduated Cum Laude if they attain a cumulative GPA of at least 3.5 but less than 3.7 on all semester hours transferred to and attempted at Eastern and if they complete a minimum of 64 semester hours at Eastern.
Students are graduated as Honors Scholars if they successfully complete Eastern's Honors Program, satisfy all comprehensive and program requirements for an undergraduate degree from this University, and graduate with a cumulative GPA of at least 3.0.

For purposes of honors recognition, all semester hours transferred to and attempted at Eastern, including those which are subsequently repeated or bankrupted, will be used in calculating GPA's.

HONORS FOR ASSOCIATE DEGREE GRADUATES
Students are graduated With High Distinction if they attain a cumulative GPA of 3.7 or higher on all semester hours transferred to and attempted at Eastern and if they complete a minimum of 32 semester hours at Eastern.
Students are graduated With Distinction if they attain a cumulative GPA of at least 3.5 but less than 3.7 on all semester hours transferred to and attempted at Eastern and if they complete a minimum of 32 semester hours at Eastern.

For purposes of honors recognition, all semester hours transferred to and attempted at Eastern, including those which are subsequently repeated or bankrupted, will be used in calculating GPA's.
# ACADEMIC DIVISIONS

## CONTENTS

<table>
<thead>
<tr>
<th>Course Prefixes</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHO 100 Academic Orientation-College of Arts and Humanities</td>
<td>87</td>
</tr>
<tr>
<td>ANO 100 Academic Orientation-College of Allied Health and Nursing</td>
<td>109</td>
</tr>
<tr>
<td>ATO 100 Academic Orientation-College of Applied Arts and Technology</td>
<td>127</td>
</tr>
<tr>
<td>CBO 100 Academic Orientation-College of Business</td>
<td>141</td>
</tr>
<tr>
<td>CHO 100 Academic Orientation-College of Health, Physical Education, Recreation and Athletics</td>
<td>151</td>
</tr>
<tr>
<td>College of Arts and Humanities</td>
<td>161</td>
</tr>
<tr>
<td>College of Business</td>
<td>185</td>
</tr>
<tr>
<td>College of Education</td>
<td>202</td>
</tr>
<tr>
<td>The Office of Academic Support and Undergraduate Studies</td>
<td>34</td>
</tr>
<tr>
<td>Division of Extended Programs</td>
<td>39</td>
</tr>
<tr>
<td>College of Allied Health and Nursing</td>
<td>43</td>
</tr>
<tr>
<td>College of Applied Arts and Technology</td>
<td>61</td>
</tr>
<tr>
<td>College of Health, Physical Education, Recreation, and Athletics</td>
<td>95</td>
</tr>
<tr>
<td>College of Law Enforcement</td>
<td>96</td>
</tr>
<tr>
<td>College of Natural and Mathematical Sciences</td>
<td>78</td>
</tr>
<tr>
<td>College of Social and Behavioral Sciences</td>
<td>182</td>
</tr>
<tr>
<td>The Graduate School</td>
<td>198</td>
</tr>
<tr>
<td>CSO 100 Academic Orientation-College of Social and Behavioral Sciences</td>
<td>47</td>
</tr>
<tr>
<td>EDO 100 Academic Orientation-College of Education</td>
<td>117</td>
</tr>
<tr>
<td>GSO 100 Academic Orientation-Office of Academic Support and Undergraduate Studies (Undeclared Students)</td>
<td>134</td>
</tr>
<tr>
<td>LEO 100 Academic Orientation-College of Law Enforcement</td>
<td>191</td>
</tr>
<tr>
<td>NMO 100 Academic Orientation-College of Natural and Mathematical Sciences</td>
<td>196</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Prefixes</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC—Accounting</td>
<td>113</td>
</tr>
<tr>
<td>ACS—Administrative Communication and Services</td>
<td>114</td>
</tr>
<tr>
<td>AFS—Aerospace Studies (Air Force ROTC)</td>
<td>84</td>
</tr>
<tr>
<td>AGR—Agriculture</td>
<td>64</td>
</tr>
<tr>
<td>AHN—Allied Health &amp; Nursing</td>
<td>59</td>
</tr>
<tr>
<td>ANT—Anthropology</td>
<td>188</td>
</tr>
<tr>
<td>ART—Art</td>
<td>90</td>
</tr>
<tr>
<td>AST—Astronomy</td>
<td>182</td>
</tr>
<tr>
<td>AVN—Aviation</td>
<td>81</td>
</tr>
<tr>
<td>BIO—Biology</td>
<td>168</td>
</tr>
<tr>
<td>CAH—Arts and Humanities</td>
<td>88</td>
</tr>
<tr>
<td>CIS—Computer Information Systems</td>
<td>121</td>
</tr>
<tr>
<td>CDF—Child and Family Studies</td>
<td>70</td>
</tr>
<tr>
<td>CHE—Chemistry</td>
<td>171</td>
</tr>
<tr>
<td>CLS—Clinical Laboratory Science (Medical Technology)</td>
<td>53</td>
</tr>
<tr>
<td>CNM—Natural and Mathematical Sciences</td>
<td>165</td>
</tr>
<tr>
<td>COM—Communications</td>
<td>74</td>
</tr>
<tr>
<td>CON—Construction Technology</td>
<td>78</td>
</tr>
<tr>
<td>COR—Correctional Services</td>
<td>154</td>
</tr>
<tr>
<td>CRJ—Criminal Justice</td>
<td>153</td>
</tr>
<tr>
<td>CSB—Social and Behavioral Sciences Interdisciplinary</td>
<td>186</td>
</tr>
<tr>
<td>CSC—Computer Science</td>
<td>177</td>
</tr>
<tr>
<td>EAD—Educational Administration</td>
<td>130</td>
</tr>
<tr>
<td>ECO—Economics</td>
<td>120</td>
</tr>
<tr>
<td>EDF—Educational Studies</td>
<td>130</td>
</tr>
<tr>
<td>EET—Electrical and Electronics Technology</td>
<td>78</td>
</tr>
<tr>
<td>EHE—Higher Education</td>
<td>135</td>
</tr>
<tr>
<td>EHS—Environmental Health Science</td>
<td>46</td>
</tr>
<tr>
<td>ELE—Early Elementary Education</td>
<td>132</td>
</tr>
<tr>
<td>EMC—Emergency Medical Care</td>
<td>50</td>
</tr>
<tr>
<td>EME—Early Elementary and Middle Grade</td>
<td>133</td>
</tr>
<tr>
<td>EMG—Middle Grade Education</td>
<td>133</td>
</tr>
<tr>
<td>EMS—Early Elementary, Middle Grade, and Secondary Education</td>
<td>134</td>
</tr>
<tr>
<td>ENG—English</td>
<td>92</td>
</tr>
<tr>
<td>EPC—Counseling</td>
<td>131</td>
</tr>
<tr>
<td>EPY—Educational Psychology</td>
<td>131</td>
</tr>
<tr>
<td>ESE—Secondary Education</td>
<td>134</td>
</tr>
<tr>
<td>FCC—Foreign Culture and Civilization</td>
<td>95</td>
</tr>
<tr>
<td>FIN—Finance</td>
<td>122</td>
</tr>
<tr>
<td>FLS—Foreign Language Studies</td>
<td>95</td>
</tr>
<tr>
<td>FOR—Forensic Science</td>
<td>172</td>
</tr>
<tr>
<td>FSE—Fire and Safety Engineering Technology</td>
<td>155</td>
</tr>
<tr>
<td>FRE—French</td>
<td>96</td>
</tr>
<tr>
<td>GBU—General Business</td>
<td>117</td>
</tr>
<tr>
<td>GEO—Geography</td>
<td>191</td>
</tr>
<tr>
<td>GER—German</td>
<td>96</td>
</tr>
<tr>
<td>GLY—Geology</td>
<td>174</td>
</tr>
<tr>
<td>GRE—Greek</td>
<td>96</td>
</tr>
<tr>
<td>GCS—Interpersonal Skills and Career Counseling</td>
<td>34</td>
</tr>
<tr>
<td>GSL—Learning Skills</td>
<td>93</td>
</tr>
<tr>
<td>GSS—Social Science</td>
<td>201</td>
</tr>
<tr>
<td>HEA—Health Education</td>
<td>143</td>
</tr>
<tr>
<td>HEC—Home Economics</td>
<td>70</td>
</tr>
<tr>
<td>HON—Honors Program</td>
<td>35</td>
</tr>
<tr>
<td>HIS—History</td>
<td>198</td>
</tr>
<tr>
<td>HPR—General Physical Education and Lifetime Activities</td>
<td>147</td>
</tr>
<tr>
<td>HUM—Humanities</td>
<td>98</td>
</tr>
<tr>
<td>IDH—Interior Design and Housing</td>
<td>71</td>
</tr>
<tr>
<td>INS—Insurance</td>
<td>123</td>
</tr>
<tr>
<td>ITA—Italian</td>
<td>96</td>
</tr>
<tr>
<td>JPN—Japanese</td>
<td>97</td>
</tr>
<tr>
<td>JOU—Journalism</td>
<td>74</td>
</tr>
<tr>
<td>LAS—Paralegal</td>
<td>196</td>
</tr>
</tbody>
</table>
Course Numbering

Courses are numbered according to the following plan:

- 000-099 are remedial non-degree credit courses
- 100-199 are primarily for freshmen
- 200-299 are primarily for sophomores
- 300-399 are primarily for juniors
- 400-499 are primarily for seniors
- 500-599 are primarily for seniors and are linked with 700 level courses
- 700-899 are for graduate students only

A student may not take a course numbered more than one year above his/her classification level without advisor permission. To take courses numbered 300 and above in the College of Business, see the College of Business section for requirements.

Special approval must be obtained from the dean of the college offering a 500-level course in order for a junior level student to enroll. Students of less than junior status or unapproved juniors cannot be admitted to a 500-level course and will be disenrolled by the Registrar if such an enrollment occurs.

Course Descriptions

The semester hours which may be earned by successful completion of the course are indicated in parentheses immediately following the course title, e.g., (3).

I, II, and A used in the description of a course indicate the course will be offered the fall semester, spring semester, and by announcement, respectively. A course is offered during the indicated semester or by announcement on the assumption there will be adequate enrollment. If a course does not obtain adequate enrollment, it is subject to cancellation. The University reserves the right to cancel any course if the enrollment is not sufficient, to divide a course if the enrollment is too large for efficient instruction, and to change instructors when necessary.

The description of the course format for courses which include a laboratory experience is found at the end of the course description. A course which consists of three hours of classroom lecture and two hours of laboratory per week is described as "3 Lec/2 Lab".

Courses approved for general education are noted as such by the phrase "Gen. Ed." and a number following the course description. The number refers to the general education category to which the course may be applied. See General Education Requirements in Part 3.
As its two-part name indicates, the Office of Academic Support and Undergraduate Studies is responsible for two kinds of activities seeking to benefit the entire undergraduate student body. Through the Office, academic support is made available by such means as courses designed to help students interact more effectively with others and make career decisions. The Offices of Academic Advising and Testing, Admissions, Career Development and Placement, and the Registrar, as well as the federally funded TRIO Programs, provide services at various stages of students’ careers. Finally, the Office attempts to foster the intellectual growth and development of all students through the general education program, as well as through the honors program and programs in cooperative education and international education.

GCS-Interpersonal Skills and Career Counseling

186 Interpersonal Effectiveness Seminar. (1) I, II. The course is designed to assist students in gaining confidence in themselves and in relating more effectively with others. Attention is given to assertiveness, values clarification, and effective life management.

199 Career Counseling Seminar. (1) I, II. The eight-week course is designed to assist students in making wise career decisions. Course content is designed to develop self-awareness, values clarification, and awareness of career alternatives. Experiences are provided to develop decision-making skills. A strong emphasis is given to exploring the world of work relative to job traits, demands, rewards, and future trends.

GSO-Orientation for Undeclared Students

100 Academic Orientation. (1) I, II. An orientation to university academic life and career planning and preparation. Topics include university policies and procedures, program requirements, career opportunities; and introductory study skills. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

101 Cultural Orientation for International Students. (1) A. An orientation to American customs and the American education system for undergraduate international students attending an American university for the first time. Students are also required to take GSO 100.

Academic Advising and Testing

E. Wachtel, Director

The Office of Academic Advising and Testing is responsible for providing administrative support to and coordination of the University’s undergraduate advising system. Every Eastern undergraduate is assigned a faculty advisor. Selected departmental faculty serve as advisors to students with declared majors; other faculty serve as advisors for undeclared students.

The office is also responsible for the administration of the developmental testing program in mathematics and reading. The University’s developmental program requires testing for all full-time students whose ACT scores are below established cutoffs.

In conjunction with the Office of Student Affairs, the Office is responsible for the Freshman Summer Orientation Program. Some 2,000 freshmen are advised and registered each summer through this program.

Career Development and Placement (CD&P)

A. Harvey, Director

Career Development and Placement assists all students and alumni who are seeking employment and/or clarifying their career direction.

For students who have a tentative career direction or major in mind, CD&P can help by providing information on: careers available in that field, placement of past graduates, career paths, supply and demand, salaries, and potential employers. Also available are three computerized career planning tools—GIS, SIGI PLUS, and KOICC—that assist students with the career decision process and provide information on occupations, undergraduate and graduate schools, and financial aid sources.

To help students who are entering the employment market (full-time, part-time, or summer), CD&P offers seminars and individual assistance on job search skills. This includes the development of a job campaign strategy, preparation of the resume and other job campaign correspondence, and the improvement of interview skills.

Over 100,000 jobs a month are listed in the CD&P through employer contacts, Job Vacancy Bulletins from other universities, job listing services, and various other sources. A Job Vacancy is produced bi-weekly by the division, mailed to registered alumni, and is available in 319 Jones. Multiple resources are available for researching potential employers. Information about part-time, off-campus employment, summer jobs, and internships is also available at CD&P.

On-campus interviews are conducted throughout the year to provide job opportunities with participating employers.

Information on CD&P activities is available through the FYI, departmental bulletin boards, and other campus media.

Cooperative Education

K. Noah, Director

Cooperative education provides the student with an opportunity to blend theory with practice resulting in a balanced education. Learning within the classroom is combined with practical on-the-job training in business, industry, and/or government.

The determination of eligibility for participation in the cooperative education program is primarily a function of the department in which the student is majoring. Prior to enrolling in cooperative
education, student should normally have completed 30 semester hours of credit. Transfer students should have completed one semester at Eastern before applying for cooperative education. All students must have a 2.0 grade point average when applying for cooperative education.

Acceptance of a student into the program is also contingent upon the location of a suitable training site and an agreement with the employer to hire. The employer will be provided with a resume of the student’s scholastic, experiential, and personal data, and the employer will be provided the opportunity to interview each applicant.

The co-op student will normally be employed full-time for a period of one semester, following the employer’s schedule. When employed for a full semester, the student may earn a maximum of eight academic credits. If schedules can be arranged, a student may work full-time for one-half semester and earn four academic credits. If a department uses the parallel track (1/2 day on-campus, 1/2 day on the job), four academic credits may be earned. During the summer period, cooperative education experience may be arranged for varying amounts of credit. This credit will be arranged by the academic college or department involved.

The University requires a minimum of 80 hours of employment for each semester hour of academic credit. The salary for each position is negotiable but must fall within State and Federal wage guidelines.

Academic credit will be awarded for cooperative education only when the student is enrolled in the University and in the cooperative education program. Credit may not be awarded for past experiences or for anticipated future experiences. A maximum of eight semester hours may be applied toward meeting graduation requirements for the associate degree, and a total of sixteen hours toward the bachelor’s degree. Cooperative education credit for students pursuing a second undergraduate degree will be determined by the academic department.

The student will be assigned a field supervisor by the employer to provide directions and coordination on the job. The field supervisor will also be responsible for providing periodic and final evaluation reports on the student and forwarding this information to the co-op director. Copies of these reports will be forwarded to the academic advisor.

Although the field supervisor will appraise the performance of each student, the grade will be assigned by the department in accordance with established criteria and through a comprehensive evaluation.

To maximize the benefit to the student, it is assumed that the employer will make every attempt to provide the student with a broad exposure to experiences related to the student’s goals and the nature of the training site. The student should, however, realize that he/she is a full-time productive employee. The participating employer, the student, and the University will each sign a letter of agreement spelling out the duties and responsibilities of each party.

The student will in most instances return to the same location for each cooperative education experience. A student may, however, occasionally be allowed to work for several employers in varying situations as long as the work experience is related to the student’s career goals and those of the program. For additional information, contact the Director of Cooperative Education at (606) 622-1296.

Honors Program
B. Gray, Director

The Honors Program seeks to provide intellectually stimulating courses within the general education program for students with excellent academic backgrounds and/or exceptional potential for superior performance in college. The 28 hours of courses that make up the Honors Program all meet requirements of the University’s four-year programs. That is to say, regardless of the student’s major, the courses taken in the Honors Program will apply to the general education requirements for that major. Thus, honors students complete the program without taking courses beyond those they would take were they not in the Honors Program.

Honors course work is in fields such as rhetoric, humanities, social science, and natural science. Any student who successfully completes the full 28 hours of coursework in the Honors Program and graduates with a cumulative grade point average of at least 3.0 will qualify as an “Honors Scholar.” The University will recognize this achievement at its annual Honors Day Program, at commencement, on the academic transcript, and on the student’s diploma, where the phrase “Honors Scholar” will appear.

Advantages to participants of the Honors Program include opportunities to experience an innovative curriculum developed by first-rate instructors in the context of small group sessions. Small classes will allow abundant opportunities for dialogue with the instructors and with the other honors students. From such experiences honors students should further develop their communication skills, problem solving abilities, and analytic reasoning abilities. Development of these skills and abilities should make students especially attractive to employers when they seek to enter the job market or graduate and professional schools, should they choose to further their education beyond the four-year degree.

The criteria for selection to the Honors Program are a high school cumulative grade point average of at least 3.5 on a 4.0 scale, completion of the Kentucky pre-college curriculum or equivalent, and a composite score on the American College Test (ACT) of at least 26 with no individual subject score below 21. Students who do not meet these criteria may request consideration for admission by writing a letter to the director which should include specific and detailed reasons why the student believes that he/she should be admitted to the Honors Program. Students who are national merit semifinalists or finalists are automatically eligible for the Honors Program. Additional information can be obtained from the director by calling (606) 622-1403.

HON—Honors Program Courses

100 Honors Seminar. (1) I. This course is designed to be an introduction to the Honors Program and will include selected readings and discussions, guest speakers, and enrichment experiences.

102 Honors Rhetoric. (6) I. Designed to improve skills in writing, reasoning, oral presentation, and research. Each student will do a research paper that requires both significant use of library resources and the development of a cogent line of argument. Gen Ed 01 and 02.

205 Honors Humanities I. (3) II. This course (together with HON 206) provides a survey of great works in the humanities from ancient times to the twentieth century. Gen Ed. 05.

206 Honors Humanities II. (3) I. This course (together with HON 205) provides a survey of great works in the humanities from ancient times to the twentieth century. Gen Ed. 06.

210 Honors Civilization I. (3) II. Analyzes the historical development of Western and other major civilizations to the eve (c. 1700) of the Industrial Revolution with emphasis on: Ancient Greece, the historical setting for an Asian Religion, Europe c. 1300, and Europe c. 1650. Gen Ed. 10.

211 Honors Civilization II. (3) I. Analyzes the economic, political, and intellectual forces that have changed the world since c. 1700 A.D. with emphasis on the French Revolution, the Industrial Revolution, Imperialism, the World Wars and the Emergence of the Third World. Gen Ed. 11.

304 Special Topics. (3) I, II. A topics course meeting the goals of the Honors Program as well as those of General Education category 04.

308 Special Topics. (3) A. A topics course meeting the goals of the Honors Program as well as those of General Education category 08.

312 Special Topics. (3) A. A topics course meeting the goals of the Honors Program as well as those of General Education category 12.

315 Honors Science Seminar. (3) I, II. Prerequisite: student must be in the Honors Program or honors director approval. The nature of scientific inquiry. In-depth treatment of a centrally important concept or conceptual scheme, emphasizing how the concept changes in time. Investigation of the relationship of science and public policy or values. Gen Ed. 15/16.

316 Special Topics. (3) A. A topics course meeting the goals of the Honors Program as well as those of General Education category 16.

320 Special Topics. (3) A. A topics course meeting the goals of the Honors Program.

420 Thesis Project and Seminar. (3) I, II. An in-depth thesis or major project, approved by the honors director, and presented in a suitable format within the seminar.
International Education and Foreign Student Advising
J. Flory, Director

There is a growing awareness of the need for greater international and inter-cultural understanding. The University provides assistance and attempts to foster a greater commitment and involvement in international education throughout the institution.

Eastern Kentucky University has about 125 international students studying at both the undergraduate and graduate levels. These students represent approximately 40 nations. The Director of International Education (Foreign Student Advisor) serves as the designated University official to assist all international students with their legal requirements and their relations with the United States Office of Immigration and Naturalization Services and other official agencies. The director may also advise and assist international students with other needs as they arise.

Some inter-cultural activities and services provided by the Division of International Education include an orientation for new students, a host family program, a monthly newsletter, a monthly Cross Cultural Mixer, an International Nights Series, international dinners, four international students' organizations, an annual culture festival, a weekly International Film Series, an International Speakers' Bureau, and the EKU International Magazine published twice each year. The Division also awards scholarships to international students each semester.

The Division of International Education also promotes the Eastern Kentucky Study Abroad programs for American students and faculty. Current information on international study, travel, and exchange programs is available. Eastern participates in two study abroad programs: (1) Cooperative Center for Study in Britain (CCSB) which offers courses during Christmas vacation in London, a two-week course in May in Ireland, five-week courses in the summer in England, a junior-year abroad program, and a semester in Oxford program; (2) Kentucky Institute for European Studies (KIES) has summer study programs in Austria, France, Spain, Italy, and Germany.

For more information, contact the Director of International Education, Eastern Kentucky University, 140 Keith Building, Richmond, Kentucky 40475-3119, or call (606) 622-1478.

Office of the Registrar
J. Allgier, Registrar

The Office of the Registrar is responsible for services which assist the students, alumni, and university personnel with the preparation of the schedule of classes, the enrollment of students, the preparation, maintenance, security and delivery of the academic records of the University, the preparation of enrollment and athletic reports as required, the preparation of the commencement exercises dealing with diploma delivery, the academic honors program, the dean's award, and the administration of the minimum scholastic standards policy of the University.

Continuing students should report to the Office of the Registrar for the following assistance: demographic data forms; schedule books; grade reports; transcripts; completion of insurance, governmental, and bank loan forms; class standing; military credit evaluation; name/address changes; withdrawals; and information concerning the academic standards and academic honors programs.

Special Programs for Disadvantaged Students (TRIO)

The following programs are made possible through special grants to Eastern Kentucky University from the United States Department of Education:

EDUCATIONAL TALENT SEARCH PROGRAM
B. Sullivan, Director; Hilmer.

The Educational Talent Search Program is funded by the United States Department of Education. The goal of the program is to assist participants from designated Central Kentucky counties to continue in, and graduate from, secondary schools and to then enroll in post-secondary educational programs. Educational Talent Search assists students who want to attend post-secondary institutions by offering such services as career counseling, educational counseling, and financial aid information and assistance. Educational Talent Search also offers assistance to participants with special needs by identifying support services for those students. The Educational Talent Search Program offers assistance to high school dropouts through referrals to GED programs and local high schools. Post-secondary stop-outs can also receive program services. All services are free of charge. For more detailed information, contact the Educational Talent Search Program, 418 Begley Building, Richmond, Kentucky 40475-3105; phone (606) 622-5425.

STUDENT SUPPORT SERVICES PROGRAM
N. Hindman, Director; Williams, Tinsley.

The Student Support Services Program provides comprehensive continuing academic assistance for Eastern students with economic and/or academic disadvantages or physical handicaps that may interfere with their efforts to succeed in college. Centrally located in the historic University Building (Rooms 1 and 5), Student Support Services offers individual supervised peer tutoring in a variety of academic subjects and skills; professional and peer counseling for academic, personal, vocational concerns; individualized academic advising and an expanded GSP 100 Academic Orientation course for the program’s undeclared “NOVA” advisees; and informed referral services. Staff members also conduct an extensive tutor and peer helper training program and special evening workshops on such topics as listening and note-taking, time management and study skills, test-taking techniques, financial assistance, and career planning. Both professional and student staff members are available to help students from 8 a.m. to 4:30 p.m. weekdays, or at other hours by arrangement during the fall and spring semesters. Students seeking assistance can determine their eligibility and apply for services at the program offices or call (606) 622-1047.

UPWARD BOUND PROGRAM
C. Tanara, Director; Hubbard, Hughes.

The Upward Bound Program has been at Eastern Kentucky University since 1965. The program selects students with college potential in order to improve their academic skills and provide them with the motivation necessary to succeed in college. Students are chosen from ten high schools in the nine counties of Casey, Estill, Garrard, Jackson, Lee, Lincoln, Madison, Powell, and Wolfe. To be eligible, students must be first generation (neither parent can have a college degree) or their family income must meet federal guidelines. Students start the three year program during their sophomore and junior years of high school. Tutoring sessions and on-campus meetings are held during the school year to provide academic assistance as well as financial aid and college admission information. During the summer, a six week dormitory residential program includes academic classes, cultural and educational trips, plus social and recreational activities. Tutor counselors (college students) are employed to live in the dorms with the students to assist them individually with their studies and other program activities. Interested students from the above counties should contact their high school guidance counselor or write to the Director, Upward Bound Program, Eastern Kentucky University, 500 Begley Building, Richmond, Kentucky, 40475-3105, or call (606) 622-1080.
COMMUNITY COLLEGE PROGRAMS

During recent years, an increasing percentage of the work force has been found in technical, semiprofessional, and service oriented jobs. Preparation for many of the jobs in these categories requires the skills and knowledge which may be attained through at least two years of college.

In cooperation with the respective colleges of Eastern Kentucky University, the following programs of study are offered:

COLLEGE OF ALLIED HEALTH AND NURSING
- Department of Associate Degree Nursing
- Nursing (RN)
- Department of Medical Record Science
- Medical Record Technology
- Department of Medical Services Technology
- Emergency Medical Care
- Medical Assisting Technology
- Department of Medical Technology
- Medical Laboratory Technician

COLLEGE OF APPLIED ARTS AND TECHNOLOGY
- Department of Agriculture
  - Technical Agriculture
  - Agricultural Mechanics
  - Dairy Herd Management
  - Livestock Management
- Technical Ornamental Horticulture
  - Floriculture and Floristry
  - Landscape Horticulture
  - Turf Management
- Department of Home Economics
  - Child Care
  - Interior Design Assistant
  - Nutrition Care Management

Department of Technology
- Computer Aided Drafting
- Computer Electronics Technology
- Quality Assurance Technology
- Vocational-Industrial and Technical Education

COLLEGE OF BUSINESS
- Department of Administrative Communication and Services
  - Office Systems Technologies

COLLEGE OF EDUCATION
- Department of Special Education
  - Special Education with emphasis in Interpreting for Deaf Individuals

COLLEGE OF HEALTH, PHYSICAL EDUCATION, RECREATION, AND ATHLETICS
- Department of Recreation and Park Administration
  - Recreation and Park Leadership

COLLEGE OF LAW ENFORCEMENT
- Department of Correctional Services
  - Corrections and Juvenile Justice
- Department of Loss Prevention and Safety
  - Business and Industrial Security
  - Fire and Safety Engineering Technology
- Department of Police Studies
  - Police Administration

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES
- Department of Government
  - Paralegal Studies
Institutions of higher education can no longer meet their responsibility by offering only the service provided by the traditional campus programs. Opportunities must be available for groups and individuals who desire additional education but find it impossible, or at least impractical, to participate in the traditional educational activities of the University. This demand on the University is due to such factors as the need for practitioners to keep abreast of the expansion of knowledge in their field; the desire for people to improve their competence in their present vocation or prepare for a new vocation; and a renewed interest in educational activities brought about by increased leisure time for many people.

Eastern Kentucky University's Division of Extended Programs meets these needs through extended campus classes, correspondence study, and nontraditional programs. For information, please write to the Division of Extended Programs, Eastern Kentucky University, Richmond, Kentucky 40475-3101, or call (800) 262-7493 or (606) 622-2001.

Extended Campus Courses

Eastern Kentucky University strongly holds to the philosophy there should be a close relationship with the homes, schools, industry, and various community groups of the state with the aim that any citizen may call upon the University for any assistance which the institution may be able to provide. The extended campus educational program of Eastern is designed to serve students who are unable to enroll in residence or who find it more helpful to work in local groups on certain common problems.

Extended Campus Centers

Off-campus centers are being established at Corbin, Manchester, and Danville. When fully developed, these centers should provide a full array of student services and a variety of undergraduate general education classes. Offices are open at these sites and may be contacted by telephone.

- Corbin: 528-0551
- Manchester: 598-8122
- Danville: 236-6866

Nontraditional Studies

The area of nontraditional studies focuses on providing educational services to nontraditional target audiences and providing nontraditional alternative methods of earning college credit. Many adults returning to college are doing so after a prolonged absence from any formal education process and require short programs to reorient them to the academic world before enrolling in their first class. In addition, distance from the campus often prevents people from obtaining necessary courses. Therefore, nontraditional studies also coordinates the delivery of instruction via telecommunications.

Media Assisted Courses

TELECOURSES

Eastern offers credit for courses based on a televised series of instructional programs. The course requires little or no traditional class attendance but does require that a student be able to integrate information from two or more instructional mediums in order to complete successfully the course. Written lessons, projects and exams, in addition to viewing the televised programs, are common components of television assisted courses.

AUDIO COURSES

Educational programs can be delivered to students at a distant site utilizing the telephone conference system. There would be audio and interactive computer graphics between the instructor and the students. Prepared materials are sent to each receiver site in advance of the lecture and are supplemented with a live lecture from the campus via a telephone conference network. Several different sites may be hooked up simultaneously to receive the lecture.

Correspondence Study

Eastern Kentucky University, through the Division of Extended Programs, offers a number of regular college and high school correspondence courses which may be taken on a credit or noncredit basis. The college courses may be applied toward a bachelor degree from Eastern Kentucky University or other institutions of higher education. The high school courses may also be taken on a noncredit basis for other goals such as studying for professional advancement, exploring new interests, or learning new skills.

Correspondence courses cover essentially the same material as the same or similar courses offered on-campus. Students prepare assignments and submit them, along with any questions they may have, to their instructor through the Extended Programs Office. The instructor then evaluates the work and returns the evaluation form with comments. This type of instruction offers an opportunity for the student to be taught on an individual basis.

Enrollment in correspondence classes will count as a part of a student's load for the term the student initially enrolls according to the following schedule:
<table>
<thead>
<tr>
<th>REGISTRATION PERIOD</th>
<th>TERM</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 16 - November 15</td>
<td>Fall</td>
</tr>
<tr>
<td>November 16 - April 15</td>
<td>Spring</td>
</tr>
<tr>
<td>April 16 - May 15</td>
<td>Intersession</td>
</tr>
<tr>
<td>May 16 - July 15</td>
<td>Summer</td>
</tr>
</tbody>
</table>

Students who do not complete a correspondence course during the semester of registration may be awarded a grade of "I" at the end of that semester. A grade of "I" must be completed within the term (excluding summer terms) following the assignment of the "I" grade or the "I" grade becomes an "F." Correspondence courses will not be simply allowed to expire with no grade.

Within eight weeks (56 calendar days) from the date of enrollment, a student may request to withdraw from a correspondence course in which case the student will receive a grade of "W." Students who fail a course (other than correspondence) may not repeat the course by correspondence.

The Correspondence Course Bulletin contains the complete list of courses available through correspondence study and the policies and procedures. Copies of the Correspondence Course Bulletin are available from the Division of Extended Programs.
The College of Allied Health and Nursing endorses the threefold mission of Eastern Kentucky University. This mission, for the College of Allied Health and Nursing, includes: (1) developing the intellectual capacities of our students by providing the highest level of instruction possible; (2) exploring avenues of applied research and scholarly activities that support the instructional mission of the college; and (3) providing discipline related service and/or consultation to organizations and agencies that enhance the teaching and scholarly activities of the college.

The Commonwealth of Kentucky recognizes the need for education of allied health and nursing professionals; and, therefore, supports a broad range of health disciplines. Consequently, an extensive array of health programs have been developed. The college offers educational opportunities in a variety of disciplines which are concerned with the maintenance and promotion of health.

PHILOSOPHY AND GOALS

The faculty of the college ascribes to the philosophy that each individual has the right to define a set of values and determine a commitment to them. Further, the identification of human values evolves through learning which enables the individual to search for knowledge and truth. The faculty acknowledges the individual's right to meet basic human needs, including the right to develop full potential.

Traditionally, health care was rendered primarily to the acutely ill in institutional settings. In the future, the health care focus will be disease prevention and health maintenance. Such a focus demands that practitioners be educated on a broad base which is built upon the biological, social, and physical sciences. Further, learners must be allowed to practice skills in a variety of health care systems.

The curricula of various programs are comprised of a series of planned educational experiences designed to facilitate learning and to lead to the achievement of clearly defined educational objectives. The learning of a curriculum enables students to acquire a body of knowledge, become proficient in skills, and gain appreciation for the practice of a chosen health care profession. Education as viewed by the faculty is a cumulative and ongoing process which results in increasing cognitive, psychomotor, and affective capabilities for those who pursue it.

OBJECTIVES OF THE COLLEGE

1. To provide high-quality programs at the undergraduate and graduate level for individuals who wish to pursue a health profession. These programs provide the students with the professional knowledge and skills necessary for the delivery of high-quality health services.

2. To offer programs that present a professional body of knowledge supported by a liberal arts-based interdisciplinary program designed for individuals with a career objective in allied health and nursing.

3. To develop and expand the knowledge base in allied health and nursing and to provide this information to the public within the health care system.

4. To develop effective programs that contribute to the societal needs of the Commonwealth and provide opportunities for students both on- and off-campus in order to be responsive to the needs of the citizens of the Commonwealth of Kentucky, including both urban and rural health care programs.

5. To develop and maintain graduate programs that are societally relevant and reflect advanced knowledge and skills in the disciplines of allied health and nursing.

6. To develop and provide opportunities for career mobility and continuing education for professionals, the public, and programs that will enhance services to the citizens of the Commonwealth.

7. To assist students to prepare for entrance and successfully complete a health care program.

8. To encourage development of learning experiences that will enhance the team concept in health care and the principles of lifelong learning.

9. To provide for career mobility and continuing education within the various health professions.

ADMISSION REQUIREMENTS

The College of Allied Health and Nursing accepts applications from all persons who are qualified for admission to the University. All applicants must provide evidence of their ability to meet the academic standards established by the various programs. Due to enrollment limitations of programs, applications should be made early. Applications received after the deadline of a program will be processed and admissions recommended on a space available basis. Specific entrance requirements for each program are shown in the departmental sections of this Catalog.
GENERAL ADMISSION POLICIES

1. Students must follow the general admission policies of the University prior to being considered for enrollment in programs within the College of Allied Health and Nursing. Specific admission criteria are provided under each of the allied health and nursing programs. The student is responsible for obtaining information for the application process including department deadlines.

2. Transfer work must be from an accredited institution and with a minimum grade of “C” in major and supporting courses. The applicant must be eligible to return to the last institution attended.

3. Work taken more than eight years previously must be approved by the Dean of the College.

4. In the event that a student is not accepted for a program, the student who wishes to reapply must submit a new application and related materials which will be considered when a new class is accepted.

Students desiring to complete collegiate work required for admission to professional programs may complete this work at any accredited college or university. Students are urged to carefully plan their course of study to include the disciplines and subject areas described in the individual programs.

Students who have not reached a decision on the specific health career in which they wish to enroll may obtain counseling through the Office of the Dean. Students will be provided with guidance by individual program directors, as well as the admissions coordinator of the College of Allied Health and Nursing.

STUDENT AGREEMENT STATEMENT

All students enrolled in the College of Allied Health and Nursing are required to sign an agreement statement which encompasses professional expectations related to the program. This statement is to be signed when the student enters courses in the major.

STUDENT LIABILITY (MALPRACTICE) INSURANCE

All students whose programs require participation in clinical learning experiences must purchase and maintain liability insurance during the entire clinical experience. Proof of such insurance coverage must be furnished to the department before the clinical experience is scheduled to begin. The University has arranged for appropriate insurance coverage at a modest cost to the student. Further information may be obtained at the student’s major departmental office.

CLINICAL FACILITIES

The University maintains formal contracts with many health care agencies located throughout Kentucky. The majority of these contracts are within the Blue Grass region. Almost every specialty within the entire health care spectrum is available for use in providing high quality experiences for students enrolled in the programs. A list of cooperating agencies is available through the Office of the Dean.

DEGREE AND CERTIFICATE REQUIREMENTS

The students are responsible for selection and registration for courses needed for reasonable progress toward their degree or certificate which will enable the students to satisfy requirements for graduation. Students may re-enroll in the same course for a subsequent time only under unusual circumstances and with the written permission of the Dean of the College of Allied Health and Nursing. Students who interrupt their program sequence must obtain approval of the Admissions Committee of the department prior to re-entry.

The Master of Arts in Education degree with an emphasis in allied health is offered in the College of Education with the cooperation of the College of Allied Health and Nursing. The major emphasis of this program is for students who wish to teach in the various allied health disciplines. A core of courses is designed to meet the needs of the students, depending on their clinical backgrounds. Complete requirements of the degree may be found in the College of Education section of the Graduate Catalog.

The College of Allied Health and Nursing offers the Master of Science degree in occupational therapy. Complete requirements are found in the Graduate Catalog.

BACHELOR OF SCIENCE DEGREE

The College of Allied Health and Nursing offers the Bachelor of Science degree in environmental health science, medical record administration, medical technology, nursing, and occupational therapy.

ASSOCIATE OF SCIENCE DEGREE

The College of Allied Health and Nursing offers the Associate of Science degree in emergency medical care, medical record technology, medical assisting technology, medical laboratory technology, and nursing.

PRE-BACCALAUREATE AND PRE-ASSOCIATE DEGREE NURSING

Students who are accepted by Eastern Kentucky University Admissions Office and declare their major as baccalaureate nursing are admitted as pre-baccalaureate nursing students. Students who are accepted by the Eastern Kentucky University Admissions Office and declare their major as Associate Degree Nursing and are not accepted in the program for the next fall or spring class may enroll in pre-associate degree nursing. These students will be assigned an advisor and will be considered for admission to the program when they meet the admission criteria. The number of admissions to the baccalaureate and the associate degree nursing program (two classes annually in both programs) is limited, and preference will be given to the most highly qualified candidates.

CERTIFICATES

Students completing the requirements of advanced emergency medical care will be awarded a certificate of completion by Eastern Kentucky University. This should not be confused with the state certification or licensure.

The Department of Medical Record Science offers a coding certificate of completion and a post-baccalaureate certificate of completion in medical record administration.

DEGREE REQUIREMENTS

General University requirements described on page 23 in Part Three of this catalog, as well as specific course requirements set forth in the description of curricula, must be met by students completing associate and baccalaureate programs administered by the College of Allied Health and Nursing. See programs under each department for major and minor requirements. All freshmen in the College of Allied Health and Nursing must enroll in the Academic Orientation course (ANO 100).

In addition to the general University requirements, specific degree requirements for the College of Allied Health and Nursing are as follows.

Baccalaureate Degree

1. A minimum grade point average of 2.0 in each CLS, EHS, MRS, NSC, OTS course and selected AHN courses is required.

2. Hours earned through challenge exams do not count toward the 30 required residence hours.

3. HEA 281 is not required in the general education requirements for nursing students.
4. Eight hours restricted electives are not required for medical record administration students.
5. Students pursuing a baccalaureate degree in any allied health and nursing major shall be permitted to declare a minor or a second major outside of the College of Allied Health and Nursing. Any student who chooses to pursue a minor or second major must have as their primary advisor a faculty member from the College of Allied Health and Nursing. A minor or a second major will only be feasible for those students extending their baccalaureate education beyond the traditional four years.

Associate Degree
1. A minimum grade point average of 2.0 in each EMC, MAS, MLT, MRS, NUR course and selected AHN courses is required.
2. Hours earned through challenge exams do not count toward the 15 required residence hours.
3. A minimum of 16 hours in courses approved for general education is required for all associate degree programs. These hours include ENG 101 and 102, or their equivalent. The ten additional hours must include approved courses in categories 05-08 (humanities), categories 09-12 (social science), and categories 13-16 (sciences) or an approved MAT course from category 03. Courses that meet general education requirements have been identified by an asterisk (*). In addition, an orientation course (ANO 100) is required for all associate degree programs. Four hours of restricted electives are required for emergency medical care majors.

General Education and Supporting Courses
In general, students in the College of Allied Health and Nursing comply with the general education requirements of Eastern Kentucky University described on page 00 of Part Three of this Catalog. Because of an ongoing evaluation by the University, changes may occur in the general education curriculum during the coming academic year. Every attempt will be made to notify the student when these changes occur. Since the various degree programs in the College of Allied Health and Nursing require specific courses to be taken in the curriculum as prerequisites for major courses, Areas I, II, III, and IV are shown with the individual programs in this section.

Credit for Transfer Work
The specific credit for work done at other institutions which may apply toward admissions and a degree from the College of Allied Health and Nursing is determined by the Office of the Dean and the student's major department. The amount of such transfer credit shall not exceed that allowed by the Office of Admissions of the University. Allowance of transfer credit by the Office of Admissions does not mean necessarily that all such credit will be accepted toward a degree from one of the programs in the College of Allied Health and Nursing.

Credit for Transient Work
Students in the College of Allied Health and Nursing who wish to take course work at another college must have written approval from their advisor, their chair, and their dean if they wish to apply that credit to a degree program. The student must be in good academic standing at Eastern Kentucky University.

Repeat and Continuance Policies
Listed below are the minimal standards for these policies. Please refer to department policies for additional requirements.
1. A grade of "C" (2.00) or better is required in all major and supporting courses to continue in an allied health or nursing program.
2. Under unusual circumstances and with prior approval from the major department, an allied health or nursing student who receives a "D" or "F" in a supporting course may be allowed to repeat the supporting course a second time.
3. A student who leaves the major and is readmitted may be required to take additional course work prior to or concurrent with readmission.

ANO—Allied Health and Nursing Orientation

100 Academic Orientation. (1) A. Orientation to university academic life and career preparation with emphasis on University regulations, catalog details, registration, career opportunities, and program requirements. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

GRADUATE COURSE CREDIT
Courses numbered in the 700 series are open to seniors and graduate students who meet course and program prerequisites. Additional appropriate experiences are required of all graduate students enrolled in the same course with undergraduates. Courses numbered in the 800 series are open only to graduate students.

PLANNED CURRICULUM
Upon completion of 60 hours, a planned curriculum (which specifies the remaining graduation requirements) must be initiated by baccalaureate degree students by consulting the faculty advisor in the major department. Associate degree students may request a planned curriculum after completion of 15 hours. Any subsequent change in the planned curriculum is proposed on forms available in the office of the advisor.

REQUIREMENTS FOR GRADUATION
Students file an application for graduation in the dean's office. They should apply by the end of April if they will complete requirements in December, and by the end of October if they will graduate in May or August. It is the students' responsibility to plan their program and to register for the proper courses so that they will have satisfied all requirements at the time they expect to graduate.

PRE-PROFESSIONAL ALLIED HEALTH PROGRAMS
Students interested in a baccalaureate degree allied health program, such as physical therapy and dental hygiene, may take two years of pre-professional courses before transferring to another institution at the professional level. It is strongly recommended that out-of-state students communicate with colleges in their own state. Students, at the time of admittance, interested in a specific allied health program such as physical therapy or dental hygiene should provide a copy of the curriculum outline for the program to which they plan to transfer. An advisor will assist in the development of a specific transfer program. The 72 hours of course work listed below will meet the requirements for freshmen and sophomores at most institutions.

Two semesters of English composition .....................6 hours
Two semesters of psychology ................................6 hours
Two semesters of general chemistry with lab ...........9 hours
Two semesters of physics with lab
  (physical therapy) ........................................10 hours
Sociology ....................................................3 hours
Two semesters of general zoology
  or biology with lab .....................................8 hours
General Education courses (includes six hours of
  history, six hours of humanities, and
  six hours of math) .....................................18 hours
Two semesters of foreign language (or two years
  in high school) ..........................................6 hours
Electives ....................................................6 hours
Total pre-professional courses ................................72 hours
DIVISION OF CONTINUING EDUCATION
J. Collins, Director

The Division of Continuing Education in the College of Allied Health and Nursing serves health professionals whose service-action careers demand educational activities to be ongoing and open ended. Programs for these professionals are specifically tailored to meet expressed job-related needs. Studies are conducted so that a wide variety of programs can be offered each year. The offering objectives are to increase the professional’s depth in a specialized area of subject matter and to develop an understanding of ways to apply this knowledge to more effectively serve health related needs.

Offerings are designed for single disciplines, for interdisciplinary participation, and on occasion include the general public. Programs are held both on- and off-campus and include workshops, seminars, conferences, and short term noncredit courses. Program faculty are from university academic departments as well as specialists in health or health related fields from the off-campus population.

Continuing education units are awarded for successful completion of program offerings. For further information, contact the Division of Continuing Education, College of Allied Health and Nursing, Eastern Kentucky University, Richmond, Kentucky 40475-3127, (606) 622-2143.

INDEPENDENT STUDY LABORATORY
P. Daugherty, Director

The Independent Study Laboratory is a learning resource center, audio-visual library, and computer center for the College of Allied Health and Nursing. It provides support to the instructional needs of the faculty through the use of audio-visual materials, equipment, and other services. The primary purpose of the Independent Study Laboratory is to provide the student the opportunity to reinforce previous learning of clinical-classroom content through independent study of audio-visual materials and CAI (Computer Assisted Instruction) programs. Students also have access to other available resources such as anatomical models, charts, reference books, professional articles, and periodicals. The Independent Study Laboratory is located in the Rowlett Building, Room 310.

DEPARTMENT OF
ENVIRONMENTAL HEALTH SCIENCE

, Chair; Creighton, Fish, Johnson.

The curriculum in environmental health science focuses on the relation of the physical, chemical, and biological factors which affect human health and well-being. Students are prepared at the bachelor’s level for a variety of professional careers in environmental health. Employment opportunities are found in the areas of hazardous materials management, industrial health and safety, disease vector control, environmental program planning, and other areas. Employment may be in public health agencies, environmental protection type agencies, government, private industry, insurance companies, consulting firms, and education. The student earns a Bachelor of Science degree in environmental health science. The program is fully accredited by the National Council for the Accreditation of Environmental Health Curriculum. The Department also offers a minor in environmental health science. Students majoring or minoring in environmental health science must achieve a minimum grade of “C” in all EHS courses.

OBJECTIVES
The environmental health science graduate is prepared to:
1. Operate and administer programs in the various branches of environmental health including disease vector control, industrial hygiene, housing, water, wastewater, radiation protection, food service sanitation, solid waste management, and air pollution.
2. Recommend appropriate environmental health programs and courses of action designed to meet the requirements in various industries, businesses, and agencies.
3. Evaluate these environmental health programs with respect to the prevention of disease, injury, and preservation of health.
4. Continue his/her education at the graduate levels in both the academic and professional setting.

Environmental Health Science
AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements ..................................................45 hours
EHS 280, 300, 335, 370, 380, 425, 460, and 463; plus 15 hours selected from EHS 290, 330, 340, 345, 349, 360, 410, 440, 450, or 498.

Supporting Course Requirements ............................33 hours
BIO 141, 211, 320, CHE 111, 112, HEA 290; MAT 107 or 109; PHY 101, and AGR 215.

General Education Requirements .........................34 hours
Standard General Education program, excluding course categories 13, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University Requirements.

University Requirements ........................................9 hours
ANO 100; eight hours of restricted electives.

Free Electives .......................................................7 hours

Total Curriculum Requirements .............................128 hours

MINOR IN ENVIRONMENTAL HEALTH SCIENCE

A student may minor in environmental health science by completing, with a grade of “C” or better, EHS 280, 300, 370, and an additional nine hours selected from EHS courses with advisor approval for a minimum of 19 hours.

Course Descriptions
EHS—Environmental Health Science

280 Introduction to Environmental Health Science. (3) I, II. Elements of environmental health, including water and waste treatment, air pollution, food sanitation, vector control, solid waste disposal, and general sanitation problems.

290 Seminar in Environmental Health. (2) I. Prerequisite: instructor approval. Discussion and analysis of literature related to selected current environmental health problems.


330 Environmental Control of Disease Vectors. (3) I. The identification and control of arthropods, arachnids, rodents, and other vectors of disease. Safe use of pesticides will also be discussed.
335 Hazardous and Solid Waste Management. (3) Prerequisites: CHE 111 and EHS 280; or instructor approval. Nature of toxic and hazardous wastes and methods for their disposal to protect health and the environment and to prevent contamination of groundwater. The environmental health and safety aspects of solid waste collection, treatment and disposal, and regulations governing waste management are also covered.

340 Industrial Hygiene. (3) I, II. Prerequisites: BIO 141, CHE 111, and EHS 280; or instructor approval. The impact of the workplace on safety and health, and methods for avoiding work-related illnesses. Emphasis will be on the evaluation and the control of the work environment to protect worker health.

349 Co-operative-Environmental Health Science. (1-8) I, II, IV. Prerequisite: CHE 111, PHY 101, and EHS 280; or instructor approval. In-depth discussion of the chemical and physical hazards of the workplace and their evaluation and to provide hands-on experience in industrial hygiene sampling and analysis.

349H Cooperative-Industrial Hygiene. (3) II. Prerequisite EHS 340 or instructor approval. In-depth discussion of the chemical and physical hazards of the workplace and their evaluation and to provide hands-on experience in industrial hygiene sampling and analysis.

350 Air Pollution and Health. (4) Formerly EHS 400. Prerequisites: CHE 112, PHY 101, and EHS 280; or instructor approval. Health effects of air pollution, including a discussion of the primary sources of airborne pollutants, their transport and transformation, the control of air pollution, state and national standards.

360 Risk Assessment and Environmental Epidemiology. (3) I. Prerequisites: MAT 107 (or higher math) and EHS 280; or instructor approval. The use of data to define the health effects of exposed individuals or populations to hazardous materials and situations.

380 Food Hygiene. (3) I, II, IV. Prereqs: BIO 320, CHE 112, and EHS 280; or instructor approval. A study of the health effects of food and microbe disease, including a discussion of milk and foods as vehicles of infection, essentials of milk and food quality, standards for dairy, milk, and food service equipment.

410 Radiological Health. (3) II. A study of health effects of ionizing and non-ionizing radiation, including environmental radiation sources, detection, measurement, control, and safety devices.

425 Environmental Health Program Planning. (3) II. Administration, planning, implementation, and evaluation of environmental health programs. Discussion of resources and promotional techniques, and the role of the environmental health specialist dealing with community, state, and regional agencies.

440 Environmental and Industrial Toxicology. (3) I. Prerequisites: CHE 112 and EHS 280; or instructor approval. Health effects and nature of toxic substances with discussion of dose-response relationships, latency, target organs, and potential exposures in the environment.

450 Environmental Monitoring and Instrumentation. (3) II. Prerequisites: CHE 112, EHS 300, and 335; or instructor approval. Instruction in trace analysis of environmental samples (air, water, hazardous wastes, food) utilizing gas chromatography, atomic absorption, and mass spectrometry.

460 Housing and Institutional Environments. (3) II. Prerequisites: EHS 280, 300, and 370; or instructor approval. Discusses the requirements for healthful housing means of attaining and maintaining these requirements. Reviews environmental health concerns relating to day-care centers, schools, hospitals, nursing homes, and prisons. Describes surveillance, evaluative, and corrective methods.

463 Field Experience in Environmental Health. (8) I, II, IV. Prerequisites: EHS 300, 335, 380, and departmental approval. Supervised and directed field experience in local, state, regional environmental health agencies, or with appropriate industries. Eight to twelve weeks full-time required depending on work place.

498 Independent Study in Environmental Health. (1-3) I, II, IV. Prerequisite: Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Opportunity for individual work on an environmental health research problem in a supervised situation. May be taken for a maximum of six hours credit.

DEPARTMENT OF MEDICAL RECORD SCIENCE

F. Hindsman, Chair; Andersen, Caldwell, Huston, Jackson.

The Department of Medical Record Science offers two methods of progression toward a Bachelor of Science degree in medical record administration.

1. Two-Plus-Two. The student completes the two-year Associate of Science degree requirements for medical record technology before taking the additional course requirements for the Bachelor of Science degree in medical record administration.

2. Four-year. The student bypasses the Associate of Science degree and completes only those courses required for a Bachelor of Science degree in medical record administration.

The department also offers a coding certificate of completion and a post-baccalaureate certificate of completion in medical record administration.

MEDICAL RECORD ADMINISTRATION PROGRAM

The medical record administration program is accredited by the Committee on Allied Health Education and Accreditation of the American Medical Association in collaboration with the Council on Education of the American Medical Record Association. The graduate is eligible to write the national qualifying examination to become a Registered Record Administrator (RRA).

An RRA serves in an administrative capacity by managing health information systems in hospitals, skilled and intermediate care facilities, comprehensive health care centers, mental health centers, public health departments, governmental health agencies, veterinary institutions, prisons, and any other institutions or agencies that handle records of health care. The RRA also plays an important role in quality assurance activities and contributes to the financial viability of the facility.

DIRECTED PRACTICE AND MANAGEMENT PRACTICUM

During the technical phase of the curriculum, the student is required to spend approximately eight weeks at a hospital or other health care facility for supervised practice in the technical aspects of medical records. During the professional phase of the curriculum, the student is assigned for approximately eight weeks to two health care facilities for observation and practice of the management aspects of medical record practice. The University assumes full responsibility for making assignments to direct practice sites. The student is responsible for living expenses and travel involved in relocation for these assignments.

ADMISSION/PROGRESSION CRITERIA

The Department of Medical Record Science utilizes the open admission policy of the University for students taking courses offered during the first semester of the program. In order to continue in the program and to enroll in MRS courses, the student must meet the following criteria:

1. Maintain an overall GPA of 2.5 on a 4.0 scale.
2. Complete all major and supporting courses with a minimum grade of "C" after a maximum of two attempts.
3. For transfer students and students who have changed majors within the University, GPA requirements are applied to the major and supporting courses accepted toward the declared major.

Major and supporting courses in the curriculum are those courses with the following prefixes: MRS, AHN, BIO, CHE, CIS, MGT, ACS, STA, and PSY.

Credits of students who transfer from another accredited educational institution will be evaluated against the current curriculum. Equivalent courses taken within another accredited medical record program may be accepted if a minimum grade of "C" was earned. Courses taken within a nonaccredited program must be validated by a challenge examination before credit is awarded. An Accredited Record Technician (ART) may receive college credit for all AHN and MRS courses in the medical record technology curriculum by passing the challenge exam for each of these courses. A maximum of four semester hours of credit may be earned by challenging MRS courses in the medical record administration curriculum. A student who is not an ART may earn credit for all AHN courses and two MRS courses in the medical record technology curriculum by passing the challenge exam for these courses.

ALLIED HEALTH AND NURSING
A student who is not allowed to continue in the program may appeal the decision by presenting the reasons in writing to the Chair of the Admissions and Progression Committee. The student may appeal this committee’s decision to the College Admissions Committee by submitting a written request to the Dean of the College of Allied Health and Nursing. The decision of this committee shall be final.

PROGRAM OBJECTIVES
The medical record administration graduate is prepared to:
1. Manage a health information system to meet the needs of the institution;
2. Provide leadership, direction, and structure to effectively supervise, counsel, and evaluate the human resources;
3. Conduct in-service training programs for subordinates and other medical record personnel;
4. Establish procedures and design systems for collecting and processing health information on a manual or computerized basis;
5. Develop and implement policies controlling the release of confidential information;
6. Initiate research and prepare administrative and clinical statistical reports;
7. Provide the medical staff with data needed to evaluate the quality of care;
8. Develop and implement quality assurance/risk management procedures; and
9. Provide consultant services to various types of health care information centers.

FINANCIAL AID
In addition to the regular means of financial aid offered through the Financial Aid Office of Eastern Kentucky University, a student entering the final year of study in either medical record administration or medical record technology has an additional option of applying to the Foundation of Record Education of the American Medical Record Association for a low-interest loan. Also, the Kentucky Medical Record Association offers annual scholarships to eligible students in the medical record programs. Information on these programs is available in the Department of Medical Record Science.

Medical Record Administration
AREA MAJOR (BACHELOR OF SCIENCE)
TWO-PLUS-TWO PROGRAM

Major Requirements .............................................. 67 hours

Supporting Course Requirements ............................ 35 hours
BIO 171, 273, 301, CHE 105, CIS 212, MGT 300, 320, ACS 201, 280, STA 209, 210, and PSY 202.

General Education Requirements ............................ 34 hours
Standard General Education program, excluding course categories 13, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ....................................... 1 hour
ANO 100.

Total Curriculum Requirements ............................. 137 hours

FOUR-YEAR PROGRAM
In addition to the two-plus-two program, a four-year baccalaureate program is offered which differs from the above as follows: ACS 280 is not required.

Total Curriculum Requirements ............................. 134 hours

POST-BACCALAUREATE CERTIFICATE
Students who have earned a baccalaureate degree which includes the following courses may be eligible for enrollment for a post-baccalaureate certificate of completion: anatomy and physiology with lab, medical terminology, basic management, basic statistics, and an introductory computer course.

Major Requirements ........................................ 58 hours

Total Curriculum Requirements ............................ 58 hours

MEDICAL RECORD TECHNOLOGY PROGRAM
The medical record technology curriculum is designed to prepare students for employment in medical record departments in various types of health care facilities.

This two-year program is accredited by the Committee on Allied Health Education and Accreditation of the American Medical Association in collaboration with the Council on Education of the American Medical Record Association. The graduate is eligible to write the national qualifying examination to become an Accredited Record Technician (ART).

An ART is skilled in the technical aspects of medical records. Their responsibilities are varied, and may include supervision of the day-to-day operations of a hospital medical record department; reviewing medical records for completeness and accuracy; coding diseases, operations and other data for retrieval purposes; and the maintenance and use of indexes for research and other studies.

Admission and progression criteria are the same as those described for the medical record administration program.

Financial aid through the Foundation of Record Education and the Kentucky Medical Record Association is also available.

PROGRAM OBJECTIVES
The medical record technology graduate is prepared to:
1. Organize, analyze, and evaluate health records according to established standards;
2. Compile and utilize various types of administrative and health statistics;
3. Code symptoms, diseases, procedures, and other therapies according to recognized classification systems;
4. Maintain and utilize a variety of medical record indexes, storage and retrieval systems;
5. Transcribe medical reports;
6. Prepare health data input for computer processing, storage, and retrieval;
7. Take medical records to court and maintain the flow of health information to all departments in the health care facility;
8. Maintain special registries, such as cancer, trauma, and stroke;
9. Abstract and retrieve health information used for evaluation and planning in health-related programs; and
10. Implement policies controlling the release of confidential information.
Medical Record Technology

ASSOCIATE OF SCIENCE

Major Requirements .................................................. 38 hours

Supporting Course Requirements .................................. 12 hours
BIO 171*, 301*, CIS 212, and ACS 280.

General Education Requirements .................................. 15 hours
ANO 100*, HPR 180*, 282*, three hours general education humanities*, three hours general education social studies*, and six hours of English composition*.

Total Curriculum Requirements ..................................... 65 hours

CODING CERTIFICATE

Major Requirements .................................................. 15 hours

Supporting Course Requirements .................................. 6 hours
BIO 171 and 301.

Total Curriculum Requirements ..................................... 21 hours

Course Descriptions

MRS—Medical Record Science

201 Introduction to Medical Record Science. (3) I, II. Prerequisite or Corequisite: AHN 200. Medical record content, development of the medical record profession and practice in techniques relative to completion of birth and death certificates, and medical record filing and retention methods. 4 Lec Lab.

202 Medical Information Processing. (3) I, II. Prerequisites: MRS 201 and 203 Prerequisite or Corequisite: CIS 212. Manual and automated processing of medical information. 4 Lec Lab.

203 Fundamentals of Medical Science. (4) I, II. Prerequisites: AHN 200, BIO 171, and 301. An introduction to the study of disease—its causes, symptoms and treatment. 5 Lec Lab.

204 Medical Record Technical Practice I. (1) I, II. Prerequisite: MRS 201. Supervised practice in the technical aspects of medical records within local and area health care facilities off-campus.

305 Medical Record Standards and Management. (2) I, II. Prerequisites: MRS 201 and 203. Prerequisite or Corequisite: MRS 204. Organization and analysis of hospital patient records. Licensing, accreditation and certification standards relative to medical record management.

306 Medical Record Classification and Coding Systems. (3) I, II. Prerequisite: MRS 203 or instructor approval. Coding and classification of symptoms, diagnoses, operations and procedures according to recognized systems, mainly ICD-9-CM and CPT. Coding of actual hospital records and DRG assignment. 4 Lec Lab.

307 Medical Record Statistics. (2) I, II. Prerequisite: MRS 201 or instructor approval. Computation and display of medical statistical data for administrative use, health care planning, and medical research. Blocked during the first half of the semester.

308 Specialized Medical Records and Registries. (2) I, II. Prerequisite: MRS 305. Maintenance of medical records in non-hospital health care facilities: organization, functions and procedures of specialized registries; and medical staff organization and functions. Blocked during the first half of the semester.

309 Utilization of Medical Information. (2) I, II. Prerequisite: MRS 305. Introduction to quality assurance, utilization review, and prospective payment systems. Blocked during the first half of the semester.

310 Medical Record Technical Practice II. (6) I, II. Prerequisite: instructor approval. Internship assignment to hospital medical record departments for observation and practice of technical medical record functions. Blocked during the second half of the semester.

311 Advanced Medical Record Coding. (2) I, II. Prerequisite: MRS 306 or instructor approval. The application of ICD-9-CM, HCPCS, and DSM coding principles to advanced coding problems. Blocked during the first half of the semester. 3 Lec Lab.

370 Computerized Health Information Processing. (3) I, II. Prerequisite: MRS 312 or instructor approval. Health information systems, systems analysis, and practical applications of microcomputers.

401 Legal Issues in Health Care. (3) I. Prerequisite: instructor approval. Legal status, documentation requirements, and liability related to medical records and health care issues.

404 Medical Record Consulting and In-service. (3) I. Prerequisite: senior standing in MRA program. Planning, implementing, and evaluating medical record consultation services and in-service education programs.

405 Special Topics in Disease Management. (2) Ii. Prerequisite: final semester in MRA program. A discussion of selected diseases of the major body systems from various perspectives, including clinical, ethical, economical, public health, and the MRA role. Blocked during the first half of the semester.

406 Quality Assurance in Health Care. (3) Ii. Prerequisite: final semester in MRA program. Development and implementation of quality assurance, utilization review, and risk management programs in a health care setting. Blocked during the first half of the semester.

407 Organization and Management of Medical Record Departments. (3) I. Prerequisites: MGT 320 or instructor approval and senior standing in MRA program. Application of management principles to the administration of hospital medical record departments.

409 Research Methods in Medical Record Administration. (3) I. Prerequisites: STA 209 and 210. Prerequisite or Corequisite: MRS 370. Introduction to the process of research, related terminology and statistical techniques, significance to health care, critique of published research articles, and development of a protocol.

410 Advanced Medical Record Science. (2) Ii. Formerly MRS 320. Prerequisite: final semester in MRA program or instructor approval. Discussion of trends, updates, and practical problems related to medical record administration.

412 Medical Record Management Practicum. (6) Ii. Prerequisite: final semester in MRA program. Corequisite: MRS 414. Internship assignment to hospital medical record departments for observation and practice of management functions. Blocked during the second half of the semester.

414 Seminar in Medical Record Management. (1) I. Corequisite: MRS 412. Review and discussion of medical record administration in theory and in practice.

498 Independent Study in MRS. (1-6) A. Prerequisite: Student must have the independent study proposal approved by faculty supervisor and department chair prior to enrollment. Directed study or research on an issue or area of interest to the medical record profession. May be retaken to a maximum of six hours credit.

DEPARTMENT OF

MEDICAL SERVICES TECHNOLOGY

J. Grunow, Chair; Blakeney, Breken, Cornelison, Cremeens, Newsome, Renfro.

EMERGENCY MEDICAL CARE

The emergency medical technician-paramedic (EMT-P) primarily provides pre-hospital emergency care to acutely ill or injured patients by ambulance service and mobile advanced life support units under medical command authority, and secondarily, in other appropriate settings which are under physician control. The curriculum is designed to provide the student with the theoretical and practical aspects of emergency medical procedures in the pre-hospital setting.

The program is accredited by the American Medical Association Committee on Allied Health Education and Accreditation in conjunction with the Joint Review Committee on Educational Programs for the EMT-Paramedic.

OBJECTIVES

Upon completion of the program, the graduate is expected to have competency in:

1. recognizing a medical emergency; assessing the situation; managing emergency care, and if needed, extrication; coordinatin
ing efforts with those of other agencies and establishing rapport with the patient and significant others to decrease their state of crisis;

2. assigning priorities of emergency treatment and communicating data to the designated medical command authority;

3. initiating and continuing emergency medical care under med
cical control; and assessing the response of the patient to that treatment and modifying medical therapy as the situation changes and at the direction of a physician or other authorized personnel.

ALLIED HEALTH AND NURSING 49
4. exercising personal judgment in case of interruption in medical direction caused by communication failure or in cases of immediate life-threatening conditions;
5. directing and coordinating the transport of the patient by selecting the best available method(s) in conjunction with medical command authority;
6. recording in writing or dictation the details related to the patient's emergency care and the incident; and
7. directing the maintenance and preparation of emergency care equipment and supplies.

ADMISSION PROCEDURE

Students who have been admitted to the University and College of Allied Health and Nursing and who declare their major as emergency medical care are admitted to the pre-emergency medical care program. Admission to the pre-emergency medical care program does not guarantee admission to the advanced emergency medical care (paramedic) program.

ADMISSION REQUIREMENTS

Pre-emergency medical care students are accepted each semester. Students will be selected for admission into the advanced emergency medical care program which begins once a year in the fall semester. Selection is in order of priority on the basis of highest cumulative grade point average and the criteria listed below. Due to limited enrollment, students are advised to apply as early as possible.

ADVANCED EMERGENCY MEDICAL CARE (PARAMEDIC) ADDITIONAL REQUIREMENTS

1. Students must be currently certified by the Kentucky Cabinet for Human Resources as an Emergency Medical Technician (EMT) and have evidence of American Heart Association CPR for the health care provider.
2. Students must submit a completed physical examination form upon entrance and completion of the program. These forms are provided by the program. The physical examination must be performed by a physician licensed to practice medicine as approved by the medical advisor.
3. Students must successfully complete a written examination administered by the program.
4. Students must have a minimum grade of "C" in all emergency medical care courses, plus AHN 240, BIO 171, and BIO 301.
5. Students must have a minimum cumulative grade point average of 2.0 on a 4.0 scale.

STUDENT LIABILITY INSURANCE

Students must purchase and maintain the college student liability insurance prior to enrollment in EMC 110, 115, 270, 275, 280, 342, 352, and 362.

Emergency Medical Care

MAJOR (ASSOCIATE OF SCIENCE)

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th>38 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMC 110, 115, 200, 205, 212, 215, 225, 310, 320, 335, 340, 342, 352, and 362.</td>
<td></td>
</tr>
<tr>
<td>Supporting Course Requirements</td>
<td>3 hours</td>
</tr>
<tr>
<td>AHN 240.</td>
<td></td>
</tr>
</tbody>
</table>

General Education Requirements | 23 hours |
| ANO 100*, BIO 171*, 301*, three hours general education humanities*, three hours general education social science*, four hours of restricted electives*, and six hours of English composition*. |
| Total Curriculum Requirements | 64 hours |

ADVANCED EMERGENCY MEDICAL CARE, CERTIFICATE

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th>22 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMC 130, 270, 275, 280, and 310.</td>
<td></td>
</tr>
<tr>
<td>Total Curriculum Requirements</td>
<td>22 hours</td>
</tr>
</tbody>
</table>

MINOR IN EMERGENCY MEDICAL CARE

A student may minor in emergency medical care by completing EMC 110, 115, 200, and nine hours of AHN or EMC courses approved by the Department of Medical Services Technology.

Course Descriptions

EMC—Emergency Medical Care

102 First Response Emergency Care. (3 I, II, A) Initial emergency medical care techniques adhere to U.S. Department of Transportation curriculum for First Responder. Cardiopulmonary resuscitation (CPR) required for course completion. Credit will not be awarded to students who have credit for HEA 202 or HEA 203. 2 Lec 2 Lab.
110 Introduction to Emergency Medical Care. (5 I, II, A) Basic life support concepts and skills for the entry level Emergency Medical Technician (EMT) adhere to the U.S. Department of Transportation standards. Credit will not be awarded to students who have credit for FSE 301. 3 Lab
115 Basic Clinical Field Experience. (3 I, II, A) Prerequisite: EMC 110. A minimum of 144 supervised contact hours in hospital emergency department and with assigned ambulance provider for application of basic life support concepts and skills.
130 Human Systems for Assessment. (3 I, II, A) Overview of human body and its systems as applied to rapid patient assessment and problem identification. Limited to certified paramedic students only.
200 Introduction to Prehospital Advanced Life Support. (2 II, A) Prerequisite: or Corequisite: EMC 115 or departmental approval. Role and responsibilities of EMT-Paramedic, components of EMS systems, medical legal considerations, and communications in advanced and basic life support settings.
205 Prehospital Management of OB/GYN Emergencies. (1) I, A. Prerequisite: EMC 110 or departmental approval. Survey of obstetrical and gynecological emergencies. Assessment, care, and transportation of the neonate.
210 Vehicle Rescue. (3 II, A) Access, medical stabilization, and removal of victims from vehicle wreckage. Roles and responsibilities of rescue team members and supervisors. 2 Lec 2 Lab.
212 Crash Victim Auto Extrication. (1) I, A. Prerequisite or Corequisite: EMC 110 or departmental approval. Survey of vehicle extrication procedures for emergency medical personnel. Adheres to U.S. Department of Transportation content and objectives. 1 Lab 1 Lec
225 Introduction to Pharmacology. (3 I, II, A) Introduction to classification, nature, and uses of medications. Pharmaceutical agents utilized in prehospital health care setting emphasized.
270 EMTP: Theory Practicum. (6 A) Formerly EMC 302. Prerequisites: EMC 130 and departmental approval Preparatory assessment and intervention with synthesis of respiratory, endocrine, nervous system, gastrointestinal, anaphylactoid, and toxicological medical emergencies. Application of principles and practices through hospital patient care assignments.
275 EMTP: Theory Practicum II. (6 I, II, A) Prerequisite: EMC 270. Continued patient skills development through hospital assignments with theoretic emphasis on emergent conditions involving cardiovascular, infectious diseases, environmental injuries, geriatric, pediatric, obstetrical, neonatal, behavioral, and trauma.
280 EMTP: Theory Practicum III. (6 A) Prerequisites: EMC 275 and 310. Emergencies associated with advanced life support. Systems integration with operations and major incident responses include extrication techniques. Minimum of 500 hours field internship with advanced life support ambulance with emphasis on synthesis of operations and patient care skills.
300 Mobile Intensive Care Field Experience. (1-3) A. Prerequisites or Corequisites: EMC 362 and instructor approval. Participation on a less dependent basis with an advanced life support ambulance. An independent project is required. Successful completion is based upon evaluation by the program medical advisor. May be taken to a maximum of six hours.
303 Advanced Rescue Procedures. (3 A) Procedures of assessment of emergency scene, use of various rescue tools for extrication of patient, removal and transfer to emergency care facility.
310 Advanced Cardiac Life Support. (1 I, II, A) Prerequisites: AHN 240, EMC 270, and departmental approval. Management of cardiac arrest, adhering to cognitive and performance standards of the American Heart Association. AHA ACLS Provider evidence of course completion available. 1 Lec 1 Lab.
315 Pediatric Advance Life Support. (1) A. Assessment, recognition, and intervention for infant or child with cardiopulmonary arrest or shock. Adheres to American Heart Association and Academy of Pediatrics cognitive and performance standards. AHA PALS Provider evidence of course completion available.

320 Advanced Life Support: Trauma. (3) I, A. Prerequisites: AHN 240, BIO 171, 301, EMC 115, and 200; or departmental approval. Prehospital management of complex patients with multiple systems failure secondary to trauma related pathologies.

335 Advanced Life Support: Medical Emergencies I. (3) I, A. Prerequisites: AHN 240, BIO 171, 301, EMC 115, 225, and department approval. Pathophysiology and advanced level prehospital management of emergenies involving anesthesia, toxicology, alcoholism, drug abuse, infectious diseases, environmental hazards, and pediatric and geriatric patients.

340 Advanced Life Support: Medical Emergencies II. (3) II, A. Prerequisite: EMC 335. Pathophysiology and advanced level prehospital management of emergenies involving anesthesia, toxicology, alcoholism, drug abuse, infectious diseases, environmental hazards, and pediatric and geriatric patients.

342 Advanced Clinical I. (3) I, A. Formerly EMC 221. Corequisite: EMC 335. Integration of basic and advanced life support concepts and psychomotor skills in patient care situations developed through supervised assignments in various hospital settings.

352 Advanced Clinical II. (3) II, A. Formerly EMC 252. Prerequisite: EMC 342. Corequisites: EMC 320 and 340. Hospital assignments allow continued development and application of cognitive and psychomotor skills in critical situations. Autonomous decision-making skills developed under supervision through increased participation in patient care.

362 Mobile Intensive Care Internship. (6) A. Prerequisites: EMC 205, 212, 215, 310, 320, and 352. A minimum of 500 hours supervised experience on intensive care vehicle provides progression of responsibilities from observation through working as team member.

380 Advanced Prehospital Theory Medical. (4) A. Prerequisites: KYEM-EMT Paramedic and admission to EMC major. Foundation course for paramedic students which focuses on pathophysiological basis for prehospital interventions and management. Includes in-depth history and assessment skills.

382 Advanced Prehospital Theory: Trauma. (4) A. Prerequisites: Kentucky Certified EMT-Paramedic and admission to EMC major. Foundation course for paramedic students which focuses on pathophysiological basis for prehospital interventions and management in trauma settings. Includes in-depth history and assessment skills.

MEDICAL ASSISTING TECHNOLOGY

The medical assisting technology program was established in response to the need for skilled individuals to serve as members of the primary health care team in providing optimal health care to people in the community. The medical assisting technology program, which leads to an Associate of Science degree, enables interested individuals to acquire a basic understanding of the health sciences and an appreciation of human dignity.

The medical assisting technology program is accredited by the Committee on Allied Health Education and Accreditation and the American Medical Association in collaboration with the American Association of Medical Assistants. Graduates of the program are eligible to take the certification examination administered by the American Association of Medical Assistants.

Students develop primary health care skills in diagnostic tests and measurements, therapeutic procedures, and medical office practices. The curriculum combines both general and specialized education in the administrative and clinical areas of medical assisting. Instruction includes both formal class work and directed practical experience in hospitals, clinical laboratories, physicians' offices, health departments, urgent treatment centers, and other health care settings. The course of study may be completed in four semesters plus an intersession.

OPTIONAL EMPHASIS

Students taking the medical assisting curriculum may elect to add an emphasis in pediatrics or obstetrics/gynecology. In addition to the skills of medical assisting, the pediatric emphasis offers specialized preparation in the care of children. The obstetrics/gynecology emphasis offers specialized preparation in the care of pregnant women and women with gynecological disorders. The additional skills and knowledge gained through either emphasis will give the graduate more job versatility in the specialist's office.

Pediatric Emphasis (optional) ............................................... 9 hours
CDF 241, 342, and MAS 222.

Obstetric/Gynecology Emphasis (optional) ......................... 6 hours
CDF 241 and MAS 223.

PROGRAM OBJECTIVES

The graduate of the medical assisting program is expected to:

1. utilize knowledge acquired from the curriculum to perform administrative and clinical skills in the physician's office;
2. apply knowledge of human development and behavior to communicate effectively with patients, their families, and health workers;
3. assume ethical and legal responsibility for medical assisting practices;
4. utilize theory and skills to provide patient education;
5. serve as a liaison between the physician and the patient; and
6. accept the responsibility for continuing growth as a person and professional.

The first three-and-one-half semesters are spent on-campus in the classrooms and laboratories. The Department has several well-equipped laboratories which permit the student to receive valuable practical simulated experience in primary health care skills. In the second half of the fourth semester, the student receives practical experiences in hospital operating rooms, emergency rooms, and laboratories. The final intersession consists of an externship (MAS 225) during which the student spends five days a week working in physicians' offices.

Following completion of the medical assisting technology Associate of Science degree, students can increase their knowledge and skills by obtaining a four-year degree. There are several related disciplines by which this can be accomplished. Two of the four-year programs which are complimentary to medical assisting are community health and health care administration.

Students desiring to transfer to CAHEA AMA accredited medical assisting programs may receive credit by examination for specific medical assisting courses.

ADMISSION REQUIREMENTS AND PROCEDURES

Two classes are admitted annually, one in the fall semester and one in the spring semester. Admission to the medical assisting technology program is contingent upon enrollment in Eastern Kentucky University. Enrollment is limited. Applications are accepted according to the dates they are received by the Admissions Coordinator.

1. Apply for admission to the University through the Office of Admissions-School Relations.
2. An application form for the College of Allied Health and Nursing, medical assisting technology program, will be sent to the student following acceptance to the University.
3. This form and a college health history form must be completed and returned to the admissions coordinator of the College of Allied Health and Nursing. Immunizations must be current.
4. Results of a rubella titre and tuberculin skin test or chest x-ray must be submitted to the program prior to completion of MAS 111.

STUDENT LIABILITY INSURANCE

Students must purchase and maintain the college student liability insurance prior to enrollment in MAS 111, 112, 220, 221, and 225.
Medical Assisting Technology
ASSOCIATE OF SCIENCE

Major Requirements ................................................... 28 hours
MAS 100, 111, 112, 220, 221, 225, 233, and 240.
Supporting Course Requirements .................. 21 hours
AHN 200, 201, 239, 330, 332, EMC 102, NFA 201, and ACS 290.
General Education Requirements .................... 20 hours
ANO 100*, BIO 171*, 301*, HPR 180* or 282*, three hours
general education humanities*, three hours general education
social science*, and six hours of English composition.
Total Curriculum Requirements ............................... 69 hours

Course Descriptions

MAS—Medical Assisting Technology

100 Introduction to Medical Assisting. (3) I, II. Medical assisting administrative
and clinical responsibilities, human relations, communication skills, professional
ethics, and law in health care.

111 Medical Assisting Laboratory Procedures I. (3) II. A. Prerequisite: minimum
GPA of 2.0. Prerequisite or Corequisite: MAS 100. Corequisite: MAS 112. Clinical
procedures emphasizing quality control, specimen collection, urinalysis, and hematol-
ogy. 2 Lec/2 Lab.

112 Medical Assisting Techniques I. (3) II. A. Prerequisite or Corequisite: MAS
100. Corequisite: MAS 111. Introduction to clinical skills performed in medical offices
with emphasis on asepsis, health history, physical examinations and assessment,
physical signs, drug administration, infection control, catheterization and related patho-
logic and physical conditions. 2 Lec/2 Lab.

220 Medical Assisting Laboratory Procedures II. (4) I. A. Prerequisite: MAS
100. Corequisite: MAS 221. Level II clinical skills in urinalysis, hematology, diagnostic
and screening tests, clinical chemistry, microbiology, and limited physiotherapy.
Selected off-campus experience required. 2 Lec/8 Lab.

221 Medical Assisting Techniques II. (4) I. A. Prerequisite: MAS 112. Corequisite:
MAS 220. Level II therapeutic skills including physical assessment, medical history,
drug administration, and surgical procedures. Common diseases and conditions and
related diagnostic procedures and treatments. Selected clinical experiences required
2 Lec/8 Lab.

222 Child Health Care. (3) A. Growth and development, the child as a family
member, physical assessment, infectious disease and immunization procedures,
acute and chronic childhood conditions, with emphasis on treatments and proce-
dures performed in the medical office.

223 The Obstetrical and Gynecological Patient. (3) A. Obstetrical and gynecological
management, human reproduction and development, pregnancy, labor and delivery,
characteristics of the normal newborn, obstetric complications and common gynecological
conditions with emphasis on treatments and procedures performed in the medical office.

225 Medical Office Externship. (4) II. A. Prerequisites: MAS 220, 221, 233, and
240. Supervised practice in physicians' offices, clinics, and health agencies. 2 Lec/16
Lab.

233 Medical Office Administration. (4) I, II. A. Prerequisites: AHN 200, MAS 100,
ACS 290, and minimum typing speed of 40 wpm. Knowledge and skills in medical
office communication, patient records, medical transcription, and health insurance as
related to the operation and management of the medical office. 3 Lec/4 Lab.

240 Medical Office Management. (3) I, II. An introduction to the basic accounting
principles pertaining to a medical office and the application of these skills in various
situations.

DEPARTMENT OF
MEDICAL TECHNOLOGY

Chair; Campbell, Cowell, Noblitt, Schmitt.

The Department of Medical Technology offers two programs in
the medical laboratory area. One is a two-year associate degree
program, and the other is a four-year baccalaureate degree pro-
gram. There are two plans in the four-year program, an upper-
division (2 + 2) plan conducted on-campus and in Lexington and a
cytotechnology option.

The Associate of Science degree is awarded upon completion of
the medical laboratory technician program. On-campus study and
practice are followed by a semester practicum in one of several
area hospital laboratories.

In the upper division plan, medical technology courses are
conducted in laboratories on-campus, except for the practicum
courses which are presented in a nearby affiliated clinical labora-
ory for approximately five months under the guidance of Eastern
faculty. The students seek admission to this plan at the end of the
sophomore year. Students who are accepted are guaranteed
admission to the practicum courses if they have a grade point
average of 2.5 and fulfill prerequisites. Color blind students must
obtain a medical evaluation before being admitted to the upper
division plan.

The cytotechnology option includes a 12-month practicum in an
accredited school of cytotechnology. Prior to completion of the
prerequisite courses and general education, the students must
seek and gain acceptance into a school of cytotechnology. Departmental assistance is provided.

These programs lead to many job opportunities. Also, pre-
medic science students (pre-med, pre-vet, etc.) will find this
major provides an excellent background and additional marketa-
ble skills.

Special consideration is given to students who possess a col-
lege degree and wish to obtain a degree in the profession of
medical technology.

ADMISSION REQUIREMENTS

Medical Technology Program

Admission to the major: All students who are accepted by the
Eastern's Admissions Office and declare their major as medical
technology are accepted into the pre-medical technology major.
Admission to the professional program: An overall grade point
average of 2.5 with a grade of not less than “C” in each of the
major and supporting courses is required and must be maintained.
Transfer students must maintain a GPA of 2.5 in courses at EKU
as well as an overall GPA of 2.5. Candidates are selected by
committee on a best qualified basis into one of the options
described above.

Medical Laboratory Technician (MLT) Program

Students interested in pursuing the two-year medical laboratory
technician program must meet a minimum of two out of three of
the following:

1. ACT minimum standard score of 17
2. Minimum high school grade point average of “B”
3. Projected rank of upper third of high school graduating class
In addition, students must earn a minimum of 2.0 (“C”) in the
major courses of the medical laboratory technician program. Stu-
dents not meeting the requirements will have the opportunity to
enroll in general education and supporting courses in order to
establish an acceptable grade point average. Students who meet
the above requirements will be accepted into the program within
enrollment limits according to date of application. The department reserves the right to accept only the best qualified applicants. While awaiting acceptance, students will be assigned to the pre-MLT major.

College students must have attained a minimum of 2.25 overall grade point average on a minimum of 12 hours attempted. Any change of major or transfer student not having the minimum grade point average will be assigned to the pre-MLT area until the minimum grade point average is attained. A grade point average of 2.25 must be maintained to remain in the MLT Program.

CURRICULUM CHANGES
Approved changes in any MT or MLT program are effective during the semester following approval. Curriculum components which are replaced will be acceptable as previously completed. New requirements may be added, however. Consult the department for possible changes to this bulletin.

PROGRESSION POLICY
The Department of Medical Technology limits the number of major courses which may be repeated. In addition, a major course or supporting course may normally be repeated only once.

Medical Technology

AREA MAJOR, UPPER DIVISION PLAN OPTION, CYTOTECHNOLOGY
(BACHELOR OF SCIENCE)

Major Requirements ............................................. 37-55 hours
Upper Division Core ........................................... 55 hours
BIO 520, CLS 201, 300, 305, 308, 310, 320, 346,
411, 431, 432, 434, 436, 437, 438, 439, 440, and 441.
Option
Cytotechnology ........................................... 37 hours
CLS 402.
Supporting Course Requirements ......................... 31-33 hours
Upper Division .................................................. 33 hours
BIO 211, 320, 348, CHE 111, 112, 325, 361, 366,
and MAT 107.
Cytotechnology ........................................... 31 hours
Twenty hours approved biology, eight hours approved
chemistry, and three hours approved math.

General Education Requirements ............................. 34 hours
Standard General Education program, excluding course
categories 13, 14, 15, and 16. Refer to Part Three of this Catalog for
details on the General Education and University requirements.

University Requirements ........................................ 9 hours
ANO 100; eight hours of restricted electives.

Free Electives .................................................. 0-17 hours
Total Curriculum Requirements .......................... 128-131 hours

Medical Laboratory Technician

ASSOCIATE OF SCIENCE

Major Requirements ............................................. 31 hours
BIO 276, MLT 201, 202, 203, 205, 206, 207, and 208.
Supporting Course Requirements ........................ 21 hours
AHN 105, BIO 211*, 348, CHE 111*, 112*, and MAT 107*.

General Education Requirements ............................ 15 hours
ANO 100*, HPR 180*, 282*, three hours general education
humenaries*, three hours social science*, and six hours
of English composition*.

Total Curriculum Requirements ............................ 67 hours

Course Descriptions

CLS—Clinical Lab Science

201 Introduction to Medical Technology. (3) I. Open to all students. Techniques
common to clinical laboratories. Stresses basic physical and chemical principles
with career applications. 4 Comb. Lec/Lab.

300 Clinical Laboratory Methods. (2) I. Prerequisite: enrollment in upper division
plan or instructor approval. Lab calculations, instrumentation and quality assurance.
2 Lec.

305 Analysis of Body Fluids. (2) I. Prerequisite: enrollment in upper division
plan or instructor approval. Principles, procedures, and significance of analysis of urine,
spinal fluid, and other fluids commonly examined in the clinical laboratory. 3 Comb.
Lec/Lab.

306 Clinical Immunology. (3) I. Prerequisite: pre-MT or MT major or instructor
approval. Principles, procedures, sources of error and clinical application of serological
tests, immune mechanisms, specimen collection; procedures include ASO, VDRL,
RA, LE, IM, Rubella, Cold Agglutinins, fluorescent antibodies, and others. 4 Comb.
Lec/Lab.

310 Hematology and Coagulation. (5) I. Prerequisite: enrollment in upper division
plan or instructor approval. Morphology of blood, determination of blood paramete-
ders and dyscrasias; mechanisms and procedures in coagulation. 6 Comb. Lec/Lab.

320 Immunohematology. (3) II. Prerequisite: enrollment in upper division plan
or instructor approval. Blood banking, blood grouping, phenotyping, cell panels, compat-
ibility testing, and transfusion practices. 2 Lec 2 Lab.

346 Clinical Chemistry. (6) II. Cross listed as CHE 346. Prerequisite: enrollment
in upper division plan or instructor approval. Introduction to theory and lab proce-
dures, measurement of constituents of body fluids, instrumentation, and clinical
interpretation of results in relation to biochemistry of human system. Credit will not be
awarded to students who have credit for CHE 346. 3 Lec 6 Lab.

402 Cytotechnology Practicum. (9-14) I., II. A: Prerequisite: enrollment in
cytotechnology program. Designed for the student who is interning at an accredited
school of cytotechnology.

411 Clinical Microscopy. (3) II. Prerequisite or Corequisite, BIO 520 Principles
and specific techniques in microscopy including phase, fluorescence, and darkfields
includes study of parasites and micro-organisms in clinical materials. 2 Lec 1.2 Lab.

431 Clinical Correlations. (3) I, A. Prerequisites: enrollment in upper division plan
and completion of all 300-level CLS courses. Correlates the sub-disciplines of clinical
laboratory science. Reviews all areas and stresses laboratory medicine in the health
professions. 3 Lec.

432 Clinical Chemistry Practicum. (5) II. A. Prerequisites: enrollment in upper
division plan and completion of all 300-level CLS courses. Diagnostic chemical
procedures in an affiliated laboratory.

433 Clinical Microbiology Practicum. (4) II. A. Prerequisites: enrollment in upper
division plan and completion of all 300-level CLS courses and BIO 520. Clinical
bacteriology, parasitology, and mycology in an affiliated laboratory.

436 Lab Management Practicum. (1) I. II. Prerequisites: enrollment in upper
division plan and completion of all 300-level CLS courses. Principles of managing
a medical laboratory presented in an affiliated laboratory.

437 Clinical Laboratory Seminar. (3) I. II. Prerequisites: enrollment in upper
division plan and completion of all 300-level CLS courses. Case studies, advanced
procedures, and problem solving in the clinical laboratory.

438 Hematology Practicum. (4) I, A. Prerequisites: enrollment in upper division
plan and completion of all 300-level CLS courses. Diagnostic blood morphology
studies in an affiliated laboratory.

439 Urinalysis Practicum. (1) I, A. Prerequisites: enrollment in upper division
plan and completion of all 300-level CLS courses. Diagnostic urine procedures in an
affiliated laboratory.

440 Blood Bank Practicum. (2) II. A. Prerequisites: enrollment in upper division
plan and completion of all 300-level CLS courses. Practical blood banking in an
affiliated laboratory.

441 Immunology Practicum. (1) I. II. A. Prerequisites: enrollment in upper
division plan and completion of all 300-level CLS courses. Practical immunology in
an affiliated laboratory.

MLT—Medical Laboratory Technician

201 Medical Laboratory Technician I, (3) I, II. Prerequisite: admission to MLT
program or instructor approval. Introduction to laboratory studies, including laboratory
techniques, laboratory mathematics, urinalysis, venipuncture, immunology, and
instrumentation. 4 Comb. Lec/Lab.
The baccalaureate nursing program is based upon the belief that preparation for professional nursing encompasses a broad, liberal, general, and professional education. Within the framework of Eastern Kentucky University and the College of Allied Health and Nursing, the Department of Baccalaureate Nursing aims to provide opportunities for the individual to act independently, to think creatively, to communicate effectively, and to serve with enlightenment and imagination. Eastern Kentucky University is located within the foothills of the Appalachian Mountains. Recognizing the influence of culture on health and learning, the department deliberately capitalizes on the location of the institution in its approach to education.

The Department of Baccalaureate Nursing aims to: (1) provide the individual with a broad-based education; (2) prepare professional nurses capable of functioning effectively in varied settings; (3) prepare professional nurses capable of functioning effectively in future emerging roles; (4) instill within the individual a sense of responsibility for continued personal and professional growth; (5) prepare leaders within the profession and society as a whole; and (6) provide the foundation for graduate study in nursing.

The curriculum is organized around a core of general education, selected supporting courses, and nursing components designed to provide a foundation upon which nursing behaviors are developed. In achieving the program goals, students practice in a variety of settings and utilize the nursing process by drawing on the knowledge of relevant concepts from the biological, physical, social, and nursing sciences.

PROGRAM OBJECTIVES

Upon completion of the baccalaureate program, the graduate will be able to:

1. explain, support, and defend the concept that each human being is unique, holistic, and has rights to self-determination in matters pertaining to health.
2. synthesize empirical and theoretical knowledge from the physical, biological, behavioral, social, and nursing sciences and humanities in the practice of nursing.
3. generate goal-directed communication to establish and maintain caring, therapeutic, and educative relationships.
4. exemplify the professional who is accountable for self-evaluation and self-determination.
5. interpret teaching/learning theories in meeting health education needs.
6. provide nursing care through utilization of the nursing process for people of all ages and stages of development in a variety of settings having varying socioeconomic cultural backgrounds and having health concerns of varying complexity.
7. contribute to the alteration of the environment to influence health and the individual’s ability to adapt and develop.
8. integrate leadership skills in the practice of nursing.
9. utilize knowledge from research to improve nursing practice.
10. manage, in collaboration with other professionals, the human and environmental resources to ensure quality nursing care.
11. function as a change agent to alter health care systems for improvement of nursing care.
12. influence the emerging role of the professional nurse based on an appreciation of nursing’s past and present.
13. assume responsibility for personal and professional growth.

ADMISSION REQUIREMENTS AND PROCEDURES

Admission to the Baccalaureate Nursing Program

All students who are accepted by Eastern Kentucky University’s Admissions Office and declare their major as baccalaureate nursing (four-year nursing) are admitted to the University as pre-baccalaureate nursing majors. However, admission to the freshman year does not guarantee admission to the clinical nursing courses scheduled for the fourth semester. To be admitted to the clinical nursing courses, students must have completed the first
three semesters of college work as outlined in the curriculum plan. All prerequisite courses must be completed with a grade of “C” or better, and a minimum cumulative GPA of 2.5 on a 4.0 scale must be obtained.

In addition to the academic criteria required for admission, the student must meet the standards written into the State of Kentucky Nurse Practice Act. Specifically, the Nurse Practice Act requires that each student be of good moral and ethical character, good mental and physical health, and be academically qualified to fulfill the role and responsibilities of a person licensed to practice as a professional nurse.

Transfers from Other Colleges and Universities
Transfer students must submit copies of all transcripts along with their application to the program. These transcripts will be considered a part of the application process and are necessary to determine admission and placement. All grades earned in any course work will enter into the computation of the GPA when applying to the baccalaureate nursing program.

Students wishing to transfer nursing courses from another accredited institution must have a minimum of a “C” in any nursing course to be transferred. In addition, the applicant must submit a reference letter from the director of the program and submit complete course outlines and/or syllabi. This material should be submitted well in advance of expected matriculation in order to provide time for necessary evaluation.

PLAN FOR REGISTERED NURSES
The Department of Baccalaureate Nursing offers the opportunity for registered nurses to complete the course of study leading to the Bachelor of Science in nursing degree. Academic credits earned at other accredited colleges or universities are transferable upon approval of the appropriate department at Eastern Kentucky University. Official transcripts are to be submitted by the student to the Office of the Registrar. Credits must be earned within 10 years of graduation.

Nursing
AREA MAJOR (BACHELOR OF SCIENCE IN NURSING)

Major Requirements .......................................................... 54 hours
NSC 280, 281, 282, 283, 293, 382, 383, 393, 394, 482, 490, 493, 494, and 495.

Supporting Course Requirements .................................. 39 hours
AHN 330; ANT 331 or SOC 400; BIO 171, 273, 301, CHE 105, 106, NFA 201, PSY 202, 280, SOC 131, and 245.

General Education Requirements ..................................... 29 hours
Standard General Education program, excluding course categories 09, 13, 14, 15, 16, and 19. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................................. 9 hours
ANO 100; eight hours of restricted electives.

Total Curriculum Requirements .................................... 131 hours

Specific Degree Requirements for Bachelor of Science in Nursing
In addition to the general requirements for the baccalaureate degree, students must earn a minimum grade of “C” (2.0) in all nursing and supporting courses. Students will be required to sign an agreement upon admission to the program which encompasses professional expectations related to the program.

Course Descriptions

NSC—Nursing

280 Introduction to Professional Nursing. (3) I, II.
Prerequisite: sophomore standing or instructor approval. Introduction of selected concepts and constructs which form the foundation upon which professional nursing is based.

281 Fundamental Skills in Nursing. (2) I, II. Prerequisite: taken in semester immediately prior to expected enrollment into NSC 293. Lab course focuses on clinical techniques integral to nursing practice; competency-based approach for selected nursing techniques. Integrates knowledge from behavioral, social, physical, biological and nursing sciences.

282 Nursing and the Interactive Process. (2) I, II.
Prerequisite: sophomore standing or instructor approval. Emphasis on knowledge of self, other individuals and groups, and the dynamics of interaction as a means to establish, maintain and alter relationships. Beginning concepts of change and teaching-learning.

283 Nursing Assessment and Intervention I. (2) I, II.
Prerequisites: NSC 280, 281, and 282. Corequisite: NSC 293. Focus is on assessment and intervention skills to meet common health needs of children from infancy through early adolescence.

293 Nursing Care of Children. (6) I, II.
Prerequisites: Formerly AHN 289 and NSC 291. Prerequisites: NSC 280, 281, and 282. Corequisite: NSC 283. Focuses on nursing care of children, early adolescents, and their families along the health-illness continuum. Integrates knowledge from the physical, biological, behavioral, social and nursing sciences and the humanities as a foundation for nursing decision-making in promotion, maintenance, and restoration of health. Student implements the nursing process in caring, therapeutic and educative relationships with children and families in a variety of health care settings.

295 Perspectives in Professional Nursing. (4) A.
Prerequisites: RN status and admission to the nursing major. Focus is on the nursing role of the registered nurse, selected topics on the changing concepts in professional nursing as developed within the conceptual framework.

297 Short Topics in Clinical Nursing. (1-3) A.
Provides enrichment learning for upper division nursing students and practicing registered nurses. Each segment of the course deals with current topics in nursing practice and research. Includes relevant pathologic processes and usual nursing management. Emphasis on in depth study of current interest topics. May be retaken to a maximum of six hours credit.

282 Nursing Assessment and Intervention II. (2) I, II.
Prerequisites: NSC 283 and 293. Corequisite: NSC 393. Focus is on assessment and intervention skills to meet common health needs of late adolescence, the childbearing family and young adults.

383 Nursing Assessment and Intervention III. (2) I, II.
Prerequisites: NSC 282 and 293. Corequisite: NSC 394. Focus is on assessment and intervention skills to meet common health needs of adults during their middle years.

393 Nursing Care of Young Adults. (6) I, II.
Prerequisites: Formerly AHN 389 and NSC 391. Prerequisites: NSC 283 and 293. Corequisite: NSC 382. Focuses on nursing care of late adolescents, young adults, and their families along the health-illness continuum. Integrates knowledge from the physical, biological, behavioral, social and nursing sciences and the humanities as a foundation for nursing decision-making in promotion, maintenance, and restoration of health. Student implements the nursing process in caring, therapeutic and educative relationships with young adults and families in a variety of health care settings.

394 Nursing Care of Middle Adults. (6) I, II.
Prerequisites: Formerly AHN 390 and NSC 392. Prerequisites: NSC 382 and 393. Corequisite: NSC 383. Focuses on nursing care of middle adults and their families along the health-illness continuum. Integrates knowledge from the physical, biological, behavioral, social and nursing sciences and the humanities as a foundation for nursing decision-making in promotion, maintenance, and restoration of health. Student implements the nursing process in caring, therapeutic and educative relationships with middle adults and families in a variety of health care settings.

482 Nursing Assessment and Intervention IV. (2) I, II.
Prerequisites: NSC 383 and 394. Corequisite: NSC 493. Focus is on assessment and intervention skills within the health care system and to meet common health needs of the older adult and the community.

493 Nursing Research. (3) I, II, A.
Prerequisite: senior standing in the major. Research process applied to problems in nursing as a base for evaluation of existing practice and research. Student designs a research study which may be carried out in independent study.

493 Nursing Care of Older Adults. (5) I, II.
Prerequisites: Formerly NSC 491. Prerequisites: NSC 383 and 394. Corequisite: NSC 482. Focuses on the nursing care of older adults, and their families along the health-illness continuum. Integrates knowledge from the physical, biological, behavioral, social and nursing sciences for decision-making in promotion, maintenance and restoration of health. Student implements the nursing process, therapeutic and educative relationships with older adults and families in a variety of health care settings.

494 Nursing Care Practicum. (5) I, II.
Prerequisites: Formerly NSC 492. Prerequisites: NSC 482 and 493. Focus is leadership/management theory, professional role socialization and synthesis of knowledge necessary in complex client situations. Student practices in a clinical setting under supervision of approved preceptor and or clinical faculty.

495 Nursing in Transition. (2) I, II.
Prerequisite: senior standing in the major. Historical, political, and socioethical systems which shape the nursing profession. Philosophies, processes and power sources of health care delivery system; potential and emerging nursing roles; strategies for building power bases, exerting leadership, and instituting change.
496 Application of Nursing Theory. (2) I, II. Prerequisite: NSC 493 or department approval. Facilitates synthesis of nursing knowledge and strengthens the student's ability to apply theory to specific patient situations. Patient case situations from all nursing clinical areas are utilized.

498 Independent Study. (1-6) A. Prerequisite: Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Directed study or research on an issue or area of interest to nursing. May be retaken to a maximum of six hours credit.

500 Early Childhood Health Care. (3) A. Prerequisite: education major or instructor approval. Focuses on the development of competencies necessary for health management of young children (ages birth through five years) with special health care needs. Appropriate for non-health care professionals in the community or classroom.

GRADUATE COURSE

700 Early Childhood Health Care. (3) A.

DEPARTMENT OF
ASSOCIATE DEGREE NURSING


The Department of Associate Degree Nursing, established in 1965, is approved by the Kentucky Board of Nursing and accredited by the National League for Nursing. Upon completion of the program, the graduate is eligible to take the examination for licensure as a registered nurse and practice in staff level registered nurse positions in a variety of clinical settings.

ADMISSION REQUIREMENTS AND PROCEDURES

Students are considered for admission after having been admitted to the University. Department applications are available through the Office of the Admissions Coordinator, College of Allied Health and Nursing. Those students admitted to the University who are proficient in reading, math, and writing will be considered for admission to associate degree nursing, while all others will be considered on an individual basis by a departmental admissions committee. Specifically, the departmental admissions committee will assess an applicant on the basis of high school GPA, ACT scores, college GPA, and proficiency in reading, math, and writing per University requirements. Applications are considered for the fall semester (received by March 1), or until the class is filled, and for the spring semester (received by October 1), or until the class is filled.

Nursing ASSOCIATE OF SCIENCE

Major Requirements .............................................34 hours
NUR 115, 125, 235, 245, and 255.
Supporting Course Requirements .............................24 hours
General Education Requirements ............................10 hours
ANO 100*, three hours general education humanities* and six hours of English composition*.
Total Curriculum Requirements ...............................68 hours

Course Descriptions

NUR—Nursing

115 Nursing Concepts I. (6) I, II. The nursing process is utilized to assist holistic man to meet basic needs throughout the life cycle. Extensive laboratory and clinical experiences provide opportunities to develop in the roles of a nurse.

125 Nursing Concepts II. (6) I, II. Prerequisite: NUR 115. Builds on concepts and skills from NUR 115 with application to clients from the beginning of the life cycle through death. Enables progression in application of nursing process caring for one or two clients experiencing common stressors.

235 Nursing Problems I. (10) I, II. Prerequisite: NUR 125. Develops competency in the application of the nursing process for clients experiencing interferences with ingestion, elimination, patterns of coping, normal cell proliferation and the integument. Selected clinical experiences of adult and child client utilized.

245 Nursing Problems II. (10) I, II. Prerequisite: NUR 235. Develops competency in the application of the nursing process while caring for one or more clients experiencing common illnesses which interfere with oxygenation, musculoskeletal, regulatory and sensory functions. Selected clinical experiences utilized.

255 Trends and Issues in Nursing. (2) I, II. Prerequisite: NUR 235. Ethical, legal and professional responsibilities and career opportunities are stressed with historical events in nursing interwoven.

DEPARTMENT OF

OCUPATIONAL THERAPY

J. Anderson, Chair; Allen, Arnold, Benzing, Bishop, Blakeney, Bowen, Cowan, Kautzmann, Masagatani, Reid, Rydeen, Schmid, Splinter, St. Michel.

Occupational therapy as a health profession has as a primary concern the development of skills and abilities needed in individuals to lead independent and productive lives. Reference to "occupation" in the title refers to the contexts of being engaged or "occupied" in meaningful day-to-day living activities including work, leisure, and self-care activities.

Occupational therapy is the use of purposeful activity with individuals who are limited by physical injury or illness, psychosocial dysfunction, development or learning disabilities, poverty and cultural differences or the aging process in order to maximize independence, prevent disability, and maintain health. The practice encompasses evaluation, treatment, and consultation. Specific occupational therapy services include: teaching daily living skills; developing perceptual-motor skills and sensory integrative functioning; developing play skills and pre-vocational and leisure capacities; designing, fabricating or applying selected orthotic and prosthetic devices or selective adaptive equipment; using specifically designed crafts and exercises to enhance functional performance; administering and interpreting tests such as manual muscle and range of motion; and adapting the environment for the handicapped. These services are provided individually, in groups, or through social systems.

Since the primary focus of occupational therapy is the development of adaptive skills and performance capacity, its concern is with factors which serve as barriers or impediments to the individual's ability to function, as well as those factors which promote, influence, or enhance performance.

Occupational therapy is an integral component of today's comprehensive health care. The occupational therapist, as a vital member of the health care team, works with qualified physicians, physical and speech therapists, nurses, social workers, psychologists, vocational counselors, teachers, and other specialists.

Occupational therapy services are provided in a variety of settings and afford numerous employment opportunities. These include health departments, rehabilitation centers, community hospitals, school systems, developmental centers, individual practice, home health programs, and settings serving clients with special problems.
The education and training of the occupational therapist concentrates on the biological sciences such as anatomy, physiology, and neuroanatomy; behavioral sciences such as normal and abnormal psychology and psychosocial development, sociology, and group process; and the theory and practice of occupational therapy.

The Department of Occupational Therapy offers both a baccalaureate degree (B.S.) and a master’s degree (M.S.) in occupational therapy.

The occupational therapy undergraduate program at Eastern Kentucky University was established in 1976 and is jointly accredited by the American Occupational Therapy Association and the American Medical Association Committee on Allied Health Education and Accreditation.

The occupational therapy undergraduate curriculum is a four-year course of study plus a six-month fieldwork (off-campus internship) in which students are placed in facilities where occupational therapy is practiced. Following successful completion of the program, including OTS 481 and OTS 482 fieldwork (internship), the graduate is eligible to sit for the national certification examination of the American Occupational Therapy Certification Board and to apply for a state license in those states requiring licensure.

The Master of Science degree was approved and initiated in fall 1990. The master’s degree has two routes of entry. One is for the OTR (Occupational Therapist, Registered) with a degree in occupational therapy and the other is for an individual who has a degree in another discipline. For complete details concerning the Master of Science degree program, refer to the Graduate Catalog.

Curriculum requirements may change. Students admitted to the program are advised to keep themselves adequately informed of changes in order not to lose credit. Information on curricula changes can be obtained from the department chair.

OBJECTIVES

The Department of Occupational Therapy is committed to the education of the future occupational therapist as a generalist. The generalist must be qualified and prepared to practice in a variety of modes of health care delivery to service a wide range of client disabilities and age ranges.

Upon successful completion of the baccalaureate program including six months of fieldwork (internship), the graduate will:
1. understand the theoretical bases of occupational therapy;
2. understand and demonstrate the occupational therapy process (assessment, program planning, treatment, discontinuation);
3. understand and demonstrate skill in occupational therapy service management;
4. understand and apply problem-solving methods;
5. communicate effectively with others;
6. demonstrate adaptability and flexibility;
7. demonstrate sensitivity to the needs and feelings of others;
8. respect self and others regarding rights and dignity;
9. function as an independent health practitioner; and
10. realize need for and seek continued learning.

ADMISSION REQUIREMENTS

All students who are accepted by Eastern’s Admissions Office and declare their major as occupational therapy are admitted to the University as pre-occupational therapy students. However, admission to pre-occupational therapy does not guarantee admission to the professional occupational therapy program.

Students with a standing of second semester sophomore or more shall be considered for admission to the occupational therapy program. Students will be admitted during the fall semester and the spring semester. OTS 232 and OTS 331 will be waived for those students who have successfully completed an Occupational Therapy Assistants Program which has been approved by the American Occupational Therapy Association, and who are certified Occupational Therapy Assistants (proof of certification is required). These students will be placed in the first semester of the junior year in the occupational therapy program.

Candidates shall be selected from applicants who have met the criteria listed below.

CRITERIA FOR ADMISSION TO THE PROFESSIONAL OCCUPATIONAL THERAPY PROGRAM

1. Students must have completed a minimum of 32 semester hours of college credit before application to the occupational therapy program. Only courses numbered 100 or above (or their equivalent) will be applied to the 32 semester hours.
2. Students must have a minimum GPA of 2.7 on a 4.0 scale. For students who have earned more than 45 semester hours, GPA will be computed on the last 45 semester hours (all hours attempted in the semester in which the 45 hours occur will be counted). If the prerequisite courses are not included in the last 45 hours the grades for those courses will be included in calculation of the GPA. Students must have the minimum 2.7 GPA at the time of application and at the time of enrollment.
3. Students must have a minimum of “C” in all prerequisite courses at time of application.
4. The following prerequisite courses must be completed before applying to the program: A minimum of three semester hours or its equivalent in human anatomy with a lab (BIO 171), in human physiology (BIO 301), in general psychology (PSY 202), and six semester hours of freshman English composition (ENG 101, 102, or 105).
5. Students must demonstrate an understanding of occupational therapy through one of the following:
   a. completion of OTS 111 or an equivalent course
   OR
   b. completion of 20 hours of volunteer experience with a registered occupational therapist in an occupational therapy setting. At the time of application, the applicant must submit the following documents: (1) a written statement by an OTR verifying the volunteer experience and (2) a brief summary (one page, typewritten, double-spaced) written by the applicant describing the role of the occupational therapists in the volunteer setting,
   OR
   c. employment in an occupational therapy setting documented by an OTR. At the time of application, written verification by an OTR must be attached to the application.

Of necessity, the number of admissions annually is limited and completion of criteria for admissions does not ensure acceptance into the program. Candidates will be selected from those meeting the criteria for admission to the professional occupational therapy program by rank order of GPA.

In the event a student is not accepted into the occupational therapy program, the student may reapply for the next semester by submitting a new application the following semester.

ADMISSION PROCEDURES

1. Students must obtain application forms for the occupational therapy program from the Admissions Office, College of Allied Health and Nursing.
2. Students applying for admission to the occupational therapy program must submit their applications and any support documents to the Admissions Office, College of Allied Health and Nursing. Students desiring consideration for spring admission must submit all documents by September 15. Students desiring consideration for fall admission must submit all documents by March 1.
3. Students shall be notified of admission status, in writing, by November 1 for spring admission and April 1 for fall admission.
4. The student who wishes to accept the admission to the occupational therapy program must notify the Department of Occupational Therapy of acceptance, in writing, by November 1 for spring admission and April 15 for fall admission. If mailed, the
acceptance must be postmarked not later than November 15 for spring admission and April 15 for fall admission.

5. Students are officially admitted to the occupational therapy program at the time of enrollment in the professional program.

6. Transfer students must submit copies of all transcripts to the Eastern Kentucky University Registrar. These transcripts will be considered a part of the application and are necessary to determine admission and placement. Transcripts must be received by the Registrar by the application deadline date. A photocopied catalog description of all transferred prerequisite courses must be submitted along with the application form.

7. Transfer students must meet the required ACT score for the University. Transfer students must contact the Office of Undergraduate Advising if they are unsure of their status regarding ACT score.

PROGRESSION IN THE PROGRAM

In order for students to follow the established progression of the program sequence, they must meet all prerequisites with a “C” or better before enrolling in any occupational therapy course.

RETENTION/READMISSION IN THE OCCUPATIONAL THERAPY PROGRAM

Students must meet the following criteria in order to be retained in the occupational therapy program.

Criteria:**
1. Maintain an overall GPA of 2.0 on a 4.0 scale.
2. Complete all major and supporting courses with a minimum of “C” after two attempts.
3. Follow the Department Leave of Absence Procedures when it is necessary for the student to temporarily leave the occupational therapy program.

**Dismissal from the University will automatically be considered dismissal from the occupational therapy program.

Students not retained in the program either voluntarily or by not meeting the above criteria must petition for readmission, in writing, to the Admissions and Retention Committee.

LEAVE OF ABSENCE

Students may be granted a leave of absence from the occupational therapy program for a maximum of one year. Students granted a leave of absence from the occupational therapy program must follow the readmission procedures of Eastern Kentucky University and the College of Allied Health and Nursing when reentering the program. They do not need to reapply to the occupational therapy program. Specific procedures are described on the leave of absence forms. Leave of absence forms may be obtained from the Department of Occupational Therapy.

APPEALS

Students have the right to appeal decisions related to admissions, progression, or retention to the Admissions and Retention Committee. Appeals procedures are available from the Department of Occupational Therapy.

Refer to the section of General Academic Information for general admission requirements for Eastern Kentucky University and the General Admission Policies for the College of Allied Health and Nursing.

Occupational Therapy

AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements ......................................................... 59 hours

Supporting Course Requirements ................................... 35 hours
AHN 105, BIO 171, 271, 301, 371, EMC 102, TEC 141, PSY 202, 280, 308, 406, and any three hour statistics course or three hour combination of courses.

General Education Requirements .................................. 37 hours
Standard General Education Program, excluding course categories 13, 15, and 16. Refer to Part Three of the Catalog for details on the General Education and University requirements.

University Requirements .................................................. 9 hours
ANO 100: eight hours of restricted electives.
Total Curriculum Requirements ...................................... 140 hours

Course Descriptions

OTS—Occupational Therapy

111 Survey of Occupational Therapy. (1) I, II, Introduction to occupational therapy and the many facets of the profession. Survey course for individuals considering a career in health.

232 Foundation of Occupational Therapy. (3) I, II. Prerequisite: acceptance into professional program. Basic theories, skills, concepts and values of occupational therapy will be considered as a foundation of the student's professional development.

233 Independent Practicum. (1-3) I, II. A, Prerequisite: major in occupational therapy program. Self-directed participation in a health service or community agency. Daily log is required. Student must submit objectives to instructor for approval prior to registration. Hours credit negotiated.

320 Theoretical Constructs in OT. (3) I, II. Prerequisite: OTS 232. Prerequisite or Corequisite: BIO 371. Comparison of frames of reference for occupational therapy practice. Provides the theoretical basis for all subsequent treatment courses and the student's individual frame of reference.

330 Occupational Therapy Skills I. (2) I, II. Prerequisite: acceptance into professional program. Introduction to the value and use of activities in occupational therapy. Development of occupational performance skills in play, leisure and self-care. Teaching process, and activity analysis procedures. 3 LecLab.

332 Occupational Therapy Skills II. (2) I, II. Prerequisite: OTS 331. The use of activities to enhance independent daily living performance in play, leisure, and self-care. Selected assessment procedures and therapeutic modifications emphasized. 3 LecLab.

335 OT Group Theory and Skills. (2) I, II. Prerequisite: OTS 322. Contemporary group therapy and skills used by occupational therapists in practice arenas with children, adolescents, adults, and the elderly. Development of skills in group roles and programming for therapeutic groups. 2 Lec.

341 Level I Fieldwork - A. (2) I, II. Prerequisite: EMC 102 and OTS 232. Prerequisite or Corequisite: OTS 352. The first competency based fieldwork course to develop professional skills in occupational therapy service delivery. Students assigned to agencies serving infants, children or adolescents. 5 Lab.


353 Occupational Therapy for the Adolescent. (3) I, II. Prerequisite or Corequisite: OTS 320. Theories, approaches, and principles of occupational therapy programming for the adolescent. Evaluation, program planning, and treatment application. 4 LecLab.

354 OT for Adults—Assessment and Treatment I. (4) I, II. Prerequisites: BIO 271 and PSY 308. Prerequisites or Corequisites: OTS 320, 335, and 362. First course in occupational therapy assessment and treatment for adults. Emphasis on normal development, medical diagnosis, and emotional and social problems, and programming for occupational performance. 5 LecLab.

362 Human Motion for Activity. (3) I, II. Prerequisite: introduction to professional program and BIO 271. Kinetics of the musculoskeletal system in relation to occupational performance skills. Includes an emphasis on muscle strength, range of motion, biomechanical analysis, and hand function. 2 Lec 2 Lab.

410 Special Problems in Occupational Therapy. (1-3) A. Prerequisite: Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Independent study, special seminar, or special topic. May be repeated to a maximum of six hours.

431 Occupational Therapy Skills III. (2) I, II. Prerequisites: OTS 332 and 362. Skills in adapting tools, equipment, environments, and activities for therapeutic use. Designing, fabricating, and using orthotic devices, and developing assistive and adaptive equipment to enhance work, play, leisure, and self-care skills. 3 LecLab.

432 Research Methodology in OT. (3) I, II. Prerequisites: senior standing in professional program and a three hour statistics course. Students will learn to be consumers of research data, conduct literature searches, examine methods of research design and data collection, and prepare a research proposal related to occupational therapy.

435 OT Professional Seminar. (2) I, II. Prerequisite: senior standing in program. Seminar course in which students will discuss and debate health issues related to practice. Concepts of position statements, strategic planning and self-directed learning will be emphasized.
Interdisciplinary Courses

AHN—Allied Health and Nursing

The College of Allied Health and Nursing offers courses designed to meet the needs of students in the various majors in allied health and nursing. Enrollment in these courses is normally limited to students in the College of Allied Health and Nursing.
## CONTENTS

| Agriculture | 62 |
| Home Economics | 66 |
| Mass Communication | 73 |
| Technology | 76 |
| Aviation | 81 |
| Military Science | 82 |
| Air Force ROTC | 83 |

The specific purposes of the College of Applied Arts and Technology are stated in their order of emphasis: 1) to provide selected instructional programs for the preparation of people for careers in the applied arts and technologies; 2) to contribute to the professional growth of individuals in their careers and to the elevation of technical disciplines through public service; and 3) to intensify and broaden through research the base of knowledge within the applied arts and technologies.

The College of Applied Arts and Technology seeks to fulfill its purpose related to instruction by offering a variety of associate, baccalaureate, and masters degree programs in four departments: Agriculture, Home Economics, Mass Communications, and Technology. A four-year Army Reserve Officers Training Corps (ROTC) program is offered by the Department of Military Science. Students may also enroll in the Air Force ROTC program through a cooperative agreement with the Air Force ROTC Unit at the University of Kentucky. Aviation courses leading to Federal Aviation Administration certificates and a minor are offered through the College.

The College is committed to the career-ladder concept by providing opportunities for students enrolled in, or completing the associate (two-year) degree programs, to transfer to a corresponding baccalaureate program within the same department with little or no loss of credits.

The Department of Agriculture administers two-year programs designed to prepare technicians for agriculture-related occupations. The Associate of Science Degree is awarded to students who successfully complete the prescribed programs in technical agriculture and in technical ornamental horticulture. The Department offers baccalaureate programs with majors in agriculture and horticulture. The pre-veterinary medicine curriculum is also administered by the Department.

The Department of Home Economics offers baccalaureate programs to prepare teachers for vocational home economics and general home economics, as well as for those who wish to become specialists in child and family studies, clothing construction and design, dietetics, fashion merchandising, and foodservice administration. Under the College of Applied Arts and Technology, the interdisciplinary program which leads to a baccalaureate degree in interior design is also administered by the Department. Associate degree programs are provided in child care, nutrition care management, and interior design assistant. The Department also offers a graduate program leading to the Master of Science degree in community nutrition.

The Department of Mass Communications provides baccalaureate degree programs designed to aid students to become effective and responsible practitioners in broadcasting, journalism, and public relations.

The Department of Technology administers baccalaureate degree programs to prepare technology education teachers for secondary schools, vocational-industrial and technical teachers for vocational-technical schools, and technicians and technologists/managers for the manufacturing and construction industry. Associate of Science degree programs are offered in vocational-industrial and technical education, computer electronics technology, computer aided drafting, and quality assurance. The Department also offers graduate programs leading to the Master of Science degree in industrial education and the Master of Science degree in manufacturing technology.

The Aviation Unit provides instruction in preparation for the private pilot, instrument, and commercial certificate. A minor in aviation is offered by the Unit.

The Department of Military Science does not offer a degree program, but it provides opportunities for leadership development for students from all majors and for military commissions in the active Army, National Guard, or U.S. Army Reserve for those who qualify. Students may minor in military science.

Students in Air Force ROTC enroll at Eastern for courses offered at Eastern Kentucky University by the Air Force ROTC Unit at the University of Kentucky. Students in this program may be commissioned Second Lieutenants in the U.S. Air Force.

The College offers a large number of extended campus classes and the faculty provides consultative services for the public good. In addition, the College is engaged in special projects designed for public service and research in the applied arts and technologies.

### PLANNED CURRICULUM

Upon completion of 60 hours, in a baccalaureate degree program, a planned curriculum (which specifies the remaining graduation requirements) must be initiated by consulting the faculty advisor in the major department. Teaching majors must have been admitted to the Teacher Education Program prior to the preparation of a planned curriculum. Any subsequent change in the planned curriculum is proposed on forms available in the office of the advisor. Students in associate degree programs should initiate the preparation of the planned curriculum after completing fifteen semester hours.

### TRANSFER STUDENTS

Students who transfer from other institutions must earn no fewer than six hours in the area or major at Eastern Kentucky
University, the exact minimum to be determined by consultation of the advisor, department chair, and dean. At least three hours of the minor must be earned at Eastern Kentucky University.

COURSE NUMBERING
Courses numbered in the 700 series are open to seniors and graduate students who meet course and program prerequisite. Additional appropriate experiences are required of all graduate students enrolled in the same course with undergraduates. Courses numbered in the 800 series are open only to graduate students.

APPLICATION FOR GRADUATION
Students must file an application for graduation in the dean's office no later than April 30 for December graduation and no later than October 31 for either May or August graduation. It is the student's responsibility to plan and register for the proper courses to meet all graduation requirements.

DEGREE REQUIREMENTS
General University requirements described on page 23 in Part III of this Catalog, as well as specific course requirements set forth in the description of curricula, must be met by students completing associate and baccalaureate programs administered by the College of Applied Arts and Technology. See programs under each department for major and minor requirements. Common to all programs is the Academic Orientation course (ATO 100) of the College of Applied Arts and Technology.

ATO—Applied Arts and Technology Orientation
ATO 100 Academic Orientation. (1) I, II. Designed to orient the student to university academic life and afford background for career choice and preparation. Included are University regulations and calendar; catalog details; registration, various career opportunities, and program requirements. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

5. to exercise cognitive skills, yet be able to supervise and perform manipulative skills;
6. to develop and improve proficiency in technical skills through practicum courses.

Students pursuing any program of study in agriculture and horticulture must have achieved a "C" average in departmental courses to receive a degree. A maximum of 12 hours of practicum courses may be applied toward the 128 hour requirement for a B.S. degree. A maximum of eight hours of practicum courses may be applied toward the A.S. degree. Practicum courses are 301, 302, and 349.

Agriculture
MAJOR (BACHELOR OF SCIENCE)
WITH MINOR IN BUSINESS**

Major Requirements .................................................. 52-53 hours
AGR 125 or 270; 130, 210, 213, 215, 304, 308, 310 and 411;
four hours from AGR 301, 302, or 349; 20 hours in AGR and/or
OHO upper division electives with a maximum to eight hours in
any option area.

Minor Requirements .................................................. 21 hours
Refer to College of Business Requirements for minor.

Supporting Course Requirements ................................. 8 hours
BIO 131 or 141; CHE 101.

General Education Requirements ................................. 32 hours
Standard General Education program, excluding course catego-
ries 09, 12, 13, and 14. Refer to Part Three of this Catalog for
details on the General Education and University requirements.

University Requirements ........................................... 9 hours
ATO 100; eight hours of restricted electives.

Free Electives ......................................................... 5-6 hours

Total Curriculum Requirements ................................ 128 hours

**Minor in other fields may be substituted if approved by department chair and dean
of the College of Applied Arts and Technology.

Agriculture
AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements .................................................. 58-63 hours
AGR 125 or 270; 130, 210, 213, 215, 304, 308, 310 and 411;
four hours from AGR 301, 302, or 349; 12 hours of upper
division AGR and/or OHO electives and one of the following
options:

Option I (Agriculture Mechanization):
AGR 242, 272, 362, 383, and 394.

Option II (Agronomy and Natural Resources):
AGR 312 or 344; 315, 321, 340, and 416.

Option III (Dairy Herd Management):
AGR 225, 321, 375, and 380.

Option IV (Farm Management):
AGR 315, 321, 394, 409, and 440.

Option V (Livestock Production):
AGR 225, 321, 327, 328, and 409.

Option VI (Soils):
AGR 312 or 344; 315, 317, 318, and 340; AGR 416 or GLY
414.

Option VII (Vo-Ag Preparation):
Kentucky Vocational Agriculture Certification requires a mini-
umum of 50 hours in AGR and/or OHO courses. Minimum in
soils, six hours; agriculture mechanization, six hours; animal
science, six hours; plant science, six hours; farm manage-
Horticulture
MAJOR, (BACHELOR OF SCIENCE)
WITH MINOR IN BUSINESS**

Major Requirements ........................................ 50 hours
OHO 131, 271, 351, 391, AGR 210, 213, 215, 304, 308, 315, and 411; OHO 384 or 385; four hours from OHO 301, 302, and/or 349; eight hours upper division OHO and/or AGR electives.

Minor Requirements ........................................ 21 hours
Refer to College of Business requirements for minor.

Supporting Course Requirements ............................ 8 hours
BIO 131 and CHE 101.

General Education Requirements ............................. 32 hours
Standard General Education program, excluding course categories 09, 12, 13, 14. Refer to Part Three of this Catalog for details on the General Education and University Requirements.

University Requirements ...................................... 9 hours
ATO 100; eight hours of restricted electives.

Free Electives .................................................. 8 hours
Total Curriculum Requirements ............................... 128 hours

**Minor in other fields may be substituted if approved by department chair and dean of the College of Applied Arts and Technology.

Technical Agriculture
ASSOCIATE OF SCIENCE

Major Requirements ........................................ 43 hours
Core:
AGR 130, 210, 213, and 310; six hours of 301, 302, and/or 349; 12-14 hours of AGR electives and one of the following options:

Options:
- Agricultural Mechanics ................................... 11 hours
  AGR 272, 362, 383, and 394.
- Dairy Herd Management ................................... 10 hours
  AGR 270 and 380.
- Livestock Management .................................... 11-12 hours
  AGR 125 and 321; 327, 328, or 332.

Supporting Course Requirements ............................ 21 hours
ATO 100*, six hours of English composition*, three hours each of general education humanities*, general education social science*, general education natural science*, one hour of general education elective*, and four hours of restricted electives.

Total Curriculum Requirements ........................... 64 hours

Horticulture
AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements ........................................ 56 hours
OHO 131, 271, 351, AGR 210, 213, 215, 304, 308, 315, 409, and 411; three hours from OHO 301, 302, and/or 349; three hours of upper division electives from AGR and/or OHO electives, and one of the following options:

Option I (Ornamental Horticulture):
OHO 251, 262 and 352; 384 or 385; 388 and 389 or 391 and 392.

Option II (Turfgrass Production):
OHO 301 (one hour), 352, 354, 362A, 362G, 349 (four hours), 410 (two hours), and AGR 362.

Supporting Course Requirements ............................ 17 hours
BIO 131, CHE 101, ACC 201; six hours business electives.

General Education Requirements ............................. 38 hours
Standard General Education program, excluding course categories 13 and 14. Refer to Part Three of this Catalog for details on the General Education and University Requirements.

University Requirements ...................................... 9 hours
ATO 100; eight hours of restricted electives.

Free Electives .................................................. 8 hours
Total Curriculum Requirements ............................... 128 hours

MINOR IN AGRICULTURE
A minor consists of 18 hours of agriculture or ornamental horticulture arranged between the department chair and the student seeking the minor. The objective is to meet the student's need for taking a minor in these areas. However, six or more hours shall be upper division courses.

MINOR IN SOILS
A core of courses may be taken for a minor in soils. Courses are AGR 130, 215, 315, 317, 318, 340, and AGR 416 or GLY 414.

Technical Ornamental Horticulture
ASSOCIATE OF SCIENCE

Major Requirements ........................................ 43 hours
Core:
AGR 210, 213, 215, 304, 308, OHO 131, 349 (four hours), seven hours of OHO electives, and one of the following options:

Options:
- Floriculture and Floristry ................................. 12 hours
  OHO 362E, 364, 388, and 389; 384 or 385.
- Landscape Horticulture .................................... 12 hours
  OHO 261, 262, 271, and 370 or 391.
- Turf Management ........................................... 12 hours
  OHO 271, 301, 351, and 352.

Supporting Course Requirements ............................ 21 hours
ATO 100*, six hours of English composition*, CHE 101*, three hours general education humanities*, three hours general education social science*, and four hours of restricted electives.

Total Curriculum Requirements ........................... 64 hours

Pre-Veterinary Medicine
The Eastern Kentucky University program in pre-veterinary medicine is administered by the Department of Agriculture. Although Kentucky does not have a school of veterinary medicine, the state
participates as a member of the Southern Regional Educational Board plan under which legal Kentucky residents attend Auburn University School of Veterinary Medicine or Tuskegee Institute School of Veterinary Medicine. The program is funded by an appropriation of the General Assembly to the Kentucky Council on Public Higher Education.

A limited number of students who are legal residents of Kentucky and have completed pre-veterinary requirements are selected by Auburn (34 positions) or Tuskegee Institute (2 positions) each year to enter professional training in veterinary medicine at the respective schools. Students enter the four-year program of the transfer institution at the beginning of the fall term and are approved for succeeding years so long as normal progress is made toward the degree in veterinary medicine. These students are exempt from out-of-state tuition at Auburn. Selection is on a competitive basis with the final selection being made by a committee composed of faculty members from each of the respective schools.

Each of the two transfer schools have essentially the same entrance requirements and each requires a minimum grade point average of 2.5 on a 4.0 scale. Tuskegee also requires results from the VAX before acceptance. Students should work closely with the pre-veterinary advisor concerning their program and should have a grade point average of 3.0 to be competitive.

All course work must be completed by June 15 prior to fall admission to the school of veterinary medicine. A grade of "D" in any required course is not accepted. Substitution of courses must be approved by the veterinary school to which application is to be made. All course requirements must be met and certain courses in the sciences (organic chemistry, physics, genetics and microbiology) must have been taken within six years of entry into the School of Veterinary Medicine.

Application to veterinary schools under the Kentucky program is made beginning in the fall of the year preceding that of admission. The deadline for applications is October 15. Students should follow application instructions regarding updating of their transcripts and course work at the school to which they apply. Students should work closely with the pre-veterinary advisor in making certain that all requirements are met. There are some specific alternatives to the following courses depending on a student's background.

Because of the large number of applications and limited number of acceptances the student should choose a secondary career goal.

A pre-vet student at Eastern has the following alternatives while proceeding through the program of study:

1. Complete the pre-vet curriculum in three years and apply for admission into a school of veterinary medicine. Students may receive a B.S. degree from Eastern by transferring credits from the first year of veterinary school back to Eastern.
2. Earn a B.S. degree at Eastern with an agriculture, biology, chemistry or other appropriate major during the fourth year after completing the pre-veterinary curriculum.
3. At any time, change from the pre-veterinary curriculum to the above majors and graduate with a B.S. degree with no loss of credit.

Students are expected to gain practical large animal experience during the course of pre-vet study, either on the university farm or with a D.V.M. The pre-vet advisor can assist in arranging for this experience.

Qualified students may bypass MAT 109; students with insufficient background may take MAT 107 and 108. Auburn has no specific mathematics requirement, but to have adequate math background for completion of the physics and chemistry classes you should complete at least a beginning calculus class.

The following curriculum may be completed in three years after which the student is then eligible to apply for admission to Auburn or Tuskegee.

---

Course Descriptions

AGR—Agriculture

110 An Introduction to American Agriculture. (2) A. The agriculture industry in the United States from significant past events to current status. Complexities of laws and regulations and their influence on the farmer's ability to produce for U.S. and World Markets.

125 Principles of Animal Science. (4) I. Management and production practices of livestock enterprises; types, market classes, and grades of beef cattle, sheep, and swine and the breeds and products of dairy cattle.

130 Principles of Agronomy. (4) I. Principles of plant growth, reproduction, crop-soil relationships. Provides foundations of information for further study in field crop production and soil management.

210 Agricultural Measurements. (2) A. Measuring and computing areas of land, volumes, and capacities of containers, and feed structures, spray mixtures, fertilizer needs, parts per million, feed rations and other measurement situations encountered on the farm.

213 Principles of Agricultural Mechanics. (4) I, II. Principles of operation, maintenance, and repair of gasoline engines and electrical motors; basic electrical circuits and electrical controls for agricultural mechanization systems and power requirements for agricultural structures; theoretical and practical experience.

215 Principles of Soils. (3) I, II. Prerequisite: CHE 101. Soil origin, classification and properties, soil conservation, soil microorganisms, organic matter, soil water; soil minerals, lime and commercial fertilizers, soil erosion, soil management.

225 Evaluation and Selection of Livestock. (3) I. An evaluation of dairy cattle, beef cattle, swine and sheep; use of records, body type ratings, and carcass information as they relate to functional anatomy and efficiency of production; sire selection and interpretation.

242 Safety Practices and Agriculture Equipment Operation. (3) A. The study of safety for effective use of equipment and supervised practice, using new equipment that could be expected to be found on a well equipped farm.

250 Light Horse Production and Management. (3) A. History and role of equine industry, breeds of horses and ponies for work and pleasure, includes management, breeding, pasts and care of horses.

270 Farm Dairy Production. (5) II. The dairy cow and her requirements in meeting her potential milk production; principles of milk production; basic practices of feeding, sanitation, housing, dairy cow selection, and production records.

272 Principles of Agricultural Machinery. (3) II. Selection, operation, and maintenance of agricultural machinery used in the production and processing of agricultural products. Student experiences assembling different types of new farm machinery and reconditioning old machinery.

293 Livestock Herdsmanship. (3) A. Basic herd skills and techniques. Student receives experience in grooming, dehorning, castration, artificial insemination, branding, tattooing, vaccination, blood sampling, implanting, performance testing, records, sanitation practices, etc.

300 Travel Study in Agriculture Technology. (3-6) A. A travel course for groups and individuals in agriculture and horticulture to study new and emerging technologies in agriculture and horticulture, structural organizations of agricultural enterprises and professional and interpersonal relationships. May be retaken once.

301 Directed Work Experience. (1-3) A. Employee work experience in an agriculture or horticulture firm. The number of credits is agreed upon by the student and employer.

302 Field Crop Production. (3-4) A. Field crop production including principles of farm business management; role of agriculture in the economy, agriculture organizations, and land utilization.
310 Principles of Farm Management. (3) I. Prerequisite: AGR 308 Organization and management of farms; cost of production; profits; types of farming; soil management; crop production; marketing and livestock enterprises.

312 Advanced Crops: Forage Crops. (3) I. Prerequisite: AGR 130. Cultural practices and principles of forage crops, especially grasses and legumes suited to Kentucky farms.

315 Technical Soils Laboratory. (2) I, II. Prerequisite: AGR 215. A soils skill course recognizing physical characteristics of soils, study of soil types, reading a soil survey map, soil sampling and testing, determining amounts of lime and fertilizer, and applying soil conservation practices.

317 Soil Classification and Morphology. (2) I. Comprehesive soil survey system, identifying physical characteristics of the epipedons and subhorizons of the soil profile and assigning classification designations.

318 Soil and Water Relationships. (2) A. I. Characteristics and behavior of soil water, vapor, and liquid losses of soil water; practices amending the soil water regime, erosion control, and irrigation.

321 Feeds and Feeding. (4) I. Feeds used in livestock feeding; including harvesting, storage, feeding characteristics, and ration formulation from these feedstuffs.

326 Beekeeping Methods. (3) II. Establishing an apiary, maintaining and increasing bee colonies; utilization of polnatics, methods for handling bees safely, harvesting and processing honey.

325 Beekeeping Laboratory. (2) A. A course designed to develop skills in beekeeping, harvesting, and extracting honey, and general bee maintenance.

327 Beef Production. (4) I. Prerequisites: AGR 125 and 321. History, importance, and trends of the beef cattle industry; systems of selecting, breeding, feeding, marketing, and management of beef cattle.

328 Swine Production. (4) A. Prerequisites: AGR 125 and 321. History, importance, and trends associated with the swine industry; systems of selecting, breeding, feeding, marketing, and management of swine.


332 Poultry Production and Management. (3) A. History and importance of the poultry industry; breeds, feeding, breeding, and management in the layer and broiler industry.

340 Conservation of Agricultural Resources. (3) A. Conservation of soils and their fertility, erosion control, soil conservation methods for individual farms, water quality and air pollution problems of water and air pollution; problems resulting from the population explosion.

344 Production of Economic Crops in Kentucky. (3) A. Prerequisite: AGR 130. Production of field and forage crops, identification, economic importance, production and harvesting techniques. Trail plots will be grown of all crops important to Kentucky agriculture.

345 Cooperative Study in Agriculture. (1-8) A. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight; associate: sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

362 Hydraulic Systems. (2) A. A study of basic principles of hydraulic systems and their application to agricultural and turf equipment. Lab experiences will provide familiarity and practice with equipment.

372 Topography and Laboratory Animal Science. (1-2) A. May be taken to a maximum of two hours, provided the topics are different.

372A Feas and Feeding Laboratory. 372F General.

373 Animal Diseases. (3) I. Prerequisite: six hours of animal science. Treatment, prevention, and control of infectious and parasitic disease of farm animals.

374 Genetics of Livestock Improvement. (3) II. Prerequisite: six hours of animal science. Applied genetic principles of improving farm animals including crossbreeding, inbreeding, and other mating plans.

375 Reproduction and Artificial Insemination of Domestic Animals. (3) A. Prerequisite: six hours of animal science. Reproductive systems, study and practice of artificial insemination and pregnancy diagnosis of domestic animals.

376 Anatomy and Physiology of Domestic Animals. (3) A. Prerequisite: six hours of animal science. Fundamental physiological processes of livestock relating to production, nutrition, and diseases.

380 Technical Management of Dairy Cattle. (5) I. Prerequisites: AGR 270 and 321. A continuation of AGR 270 with greater emphasis on herd management, feeding systems, sanitation, and disease control; planning housing facilities, producing quality milk, and maintaining herd health.

383 Diesel Power Systems. (3) I. Study of the operation, maintenance, and repair of agricultural diesel powered systems; includes electrical systems, fuels, injection pumps, and nozzles; laboratory practice.

384 Agricultural Equipment Management. (3) A. Selection of equipment on the basis of capacity, efficiency, power and fuel requirements, fixed and variable costs. Product presentation based on user needs and interests; organization of agricultural equipment dealerships.

409 Agriculture Business Records and Analysis. (3) I. Management and analysis of record systems for decision support involving organization, enterprise, selection, and operation of agricultural and horticultural businesses.

410 Special Problems Seminar. (1-3) I, II. Cross listed as OHO 410. Students choose a problem to work on and agree on the supervision of the instructor in the problem. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Credit will not be awarded to students who have credit for OHO 410.

411 Seminar on Emerging Agricultural Technology. (1) I, II. Students are assigned an oral presentation on a topic and their work presented to evaluate their resourcefulness and understanding of basic agriculture and horticulture principles.

416 Soil Fertility. (3) A. Prerequisite: AGR 215. Various soil amendments including lime, organic and inorganic fertilizers, and conditioners are studied and evaluated for their effect on the physical, chemical, and biological properties of soils and subsequent crop yields.

421 Animal Nutrition. (3) II. Prerequisites: AGR 321 and chemistry. Principles of nutrition basic to modern livestock feeding; symptoms of nutrient deficiencies, nutritional disorders, metabolism of nutrients, feed additives, and modern methods of feed preparation and feeding.

440 Agricultural Financing. (3) II. Uses and types of agricultural credit, institutions, and relating credit needs to farm enterprises.

501 Special Problems in Agriculture. (3) A. A course for exceptional seniors involved in the study and research related to problems of a theoretical and/or practical nature. May be taken to a maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

570 Advanced Study in Technical Agriculture. (3-9) A. Advanced technical study with emphasis upon updating technology and development of understanding and technical competency in:

570B Agricultural Mechanization. (3) A.

570D Farm Livestock Management. (3) A.

577 Workshop in the Conservation of Natural Resources. (3) A. For teachers returning for graduate work. Instruction is given in the areas of soil, water, fish and wildlife, forest conservation, and methods of teaching related units at the elementary and junior high level.

GRADUATE COURSES

701 Special Problems in Agriculture. (3) A.

770 Advanced Study in Technical Agriculture. (3-9) A.

770B Agricultural Mechanization. (3) A.

770D Farm Livestock Management. (3) A.

777 Workshop in the Conservation of Natural Resources. (3) A.

807 Advanced Technical Study in Agriculture Problems. (1-3) A.

OHO—Ornamental Horticulture

131 Principles of Horticulture. (4) I. Introduction to the major divisions of horticulture with emphasis on plant growth, propagation, reproduction and soil-water relationships. Exploration of the various phases of horticulture and the related employment opportunities in the industry.

261 Selection and Use of Deciduous Trees and Shrubs. (2) Characteristics of identification and criteria for landscape use of perennials, deciduous tree and shrub cultivars adapted to Kentucky.

262 Selection and Use of Evergreen Trees and Shrubs. (2) Characteristics of identification and criteria for landscape use of tree and shrub cultivars adapted to Kentucky.

271 Nursery Management. (5) I. Production and marketing techniques of woody and herbaceous ornamental plants including site selection, growing procedures, and retail management. Students work in the university nursery and greenhouses developing business records with the help of microcomputers.

283 Bedding Plant Production. (3) II. Cultural practices of propagation and growing annuals and perennials to outdoor planting size, using structures and facilities necessary for production. Students will propagate and produce bedding plants and prepare outdoor plantings.

301 Directed Work Experience. (1-4) I, II. Cross listed as AGR 301. A minimum of three hours per week per hour of credit using university or other approved facilities. Credit will be given to students who have credit for AGR 301.

302 Directed Work Experience - Management Practicum. (3) II. I, II. Nine hours of work per week during the semester in the greenhouses, nursery, landscape or turf areas involving management and production skills. The option may be taken to a maximum of 12 hours.

302H Nursery Landscape Option.

349 Cooperative Study in Horticulture. (1-8) A. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total required: eight; associate: sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

351 Principles of Turfgrass Production. (4) I. The establishment and maintenance of grasses and species cultivated for lawns and playing fields to suit the environment.

352 Turfgrass Equipment. (2) A. The selection, operation, and maintenance of equipment and vehicles used in establishing and maintaining landscape, nursery and greenhouse areas.

353 Irrigation Systems. (2) I. Formerly OHO 362I. An introduction to irrigation systems, their design and installation for efficient water utilization in crop production and maintenance. Overhead, drip, and subsurface systems are evaluated.

362 Topics in Landscape Gardening. (1-6) A. Students may enroll up to six times for a total of six hours credit.

362A Home Landscape Option.

362D Disease and Insect Control Option.

362E Floral Design Option.

362F Lawn Equipment and Maintenance Option.

362G Problems of Golf Course Operation Option.

362K Interior Plantscaping Option.
363 Retail Florist Operation. (3) A. Prerequisite: OHO 362E or prior floral design experience. The study of floral businesses as related to locating, starting, and operating a retail floral establishment.

364 Advanced Floral Design. (2) A. Prerequisite: OHO 362E. The study and practice of advanced floral design techniques; includes construction of conventional and contemporary floral designs. 1 Lab 2 Lab.

370 Landscape Operations Management. (3) II. Management of labor, estimating and bidding along with basic maintenance of trees, shrubs, and herbaceous plants in the landscape operation.

373 Fruit Production. (3) A. Planning, planting, and growing fruits: pruning, training, fertilizing, controlling pests, and harvesting for quality of bush and tree fruits.

384 Greenhouse Floral Crops. (3) A. The study of specialized greenhouse floral crops and methods of producing them; includes bed and container growing production cycles to meet peak demands and marketing techniques.

385 Production of Folliage Plants. (3) A. Identification of green foliage plants, usually called houseplants; propagation techniques, rooting mediums, disease and insect control, and arranging plants in planters and baskets for marketing.

386 Vegetable Production. (3) A. Vegetable growth and development, growing from seed, managing soils, planting, mulching, controlling pests, harvesting, handling, marketing, and storing of most vegetable crops.

388 Greenhouse Operation and Management. (3) II. Prerequisite: OHO 283, 384, 385, or 386. Plant propagation and growing techniques in a greenhouse. The student learns operation procedures and the economics of operating a greenhouse and using cold and hot frames.

389 Greenhouse Management Practicum. (3) I, II. Prerequisite: OHO 368. Management of the greenhouse; students work nine hours per week in the greenhouse to practice management and production skills.

391 Landscape Methods and Related Businesses. (3) I, II. Prerequisite: OHO 261 or 262. Elements of design and the execution of the landscape architect plan. Additional emphasis will be placed on occupations related to ornamental horticulture including industrial grounds management.

392 Advanced Landscape Techniques. (3) II. Formerly OHO 302E. Prerequisite: OHO 391 or equivalent. Designing and estimating techniques applied to real and practical landscape projects. Students will draw in ink and develop project cost estimates with the use of a microcomputer.

410 Special Problems Seminar. (1-3) I, II. Cross listed as AGR 410. Students choose a problem and work under the supervision of the instructor in the field of the problem. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Credit will not be awarded to students who have credit for AGR 410.

GRADUATE COURSE

807 Advanced Technical Study in Horticulture Problems. (1-3) A.

DEPARTMENT OF HOME ECONOMICS

S. Willis, Chair; Blackwell, Burkhart, Kipp, Kirzinger, Kubiat, McCarthy, Powers, Ramsey, Snarr, Spencer, Springate, Sutton, Vachon, Wilson.

The Department of Home Economics offers general and specialty programs leading to Bachelor of Arts, Bachelor of Science, Associate of Arts, and Associate of Science degrees. Graduates of this department qualify for a variety of professional positions in education, government, business, military, and industry. The first major in foodservice administration requires a minor in business.

Students majoring in other departments may elect a second major or minor in a specialty field in home economics. Area majors in the Department of Home Economics may elect a minor in a specialty field.

Two Associate of Science degree programs are offered: child care and nutrition care management. An Associate of Arts degree is offered in interior design assistant. Courses completed in an associate degree program may be credited toward meeting requirements in the corresponding baccalaureate level major.

Students following an area major of concentration, first or second major, minor, or associate degree program must maintain a “C” average in departmental courses (CDF, HEC, IDH, NFA, and TCF prefixes).

Students in baccalaureate degree programs must complete six hours of departmental core courses. CDF 132 or HEC 132 and HEC 352, if not included in the major requirements.

CHILD AND FAMILY STUDIES PROGRAM

The child and family studies major educates students to fill a variety of occupations in human service fields involving children and their families. Such opportunities exist in early childhood and day care programs, adult education centers, and in social service and governmental agencies.

Child and Family Studies

AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements ........................................ 30 hours
CDF 244, 245, 247, 348, 350, NFA 317, NSC 500, OHS 515, and SWK 456.

Home Economics Core .................................... 6 hours
CDF 132 or HEC 132; HEC 352.

Options ....................................................... 37-40 hours
Family Studies ............................................. 37 hours
Supporting Course Requirements ..................... 18 hours
CDF 232 or 331; 241, 342 or 441; 344, 346 or 547; 538 or 548; SED 104, and 518.
Electives ..................................................... 19 hours
Interdisciplinary Early Childhood
(Birth through Five) .................................... 40 hours
Supporting Course Requirements ..................... 12 hours
CDF 232, 241, 344, and 547.
Special Education Minor ............................... 18 hours
SED 104, 341, 352, 360, 436, and 518.
Professional Courses ................................. 10 hours
EDF 102, 202, 317, and ELE 519.

General Education Requirements ..................... 46 hours
Standard General Education Program. Refer to Part Three of this Catalog for details on the General Education and University Requirements.

University Requirements ............................... 9 hours
ATO 100; eight hours of restricted electives.

Total Curriculum Requirements ..................... 128-131 hours

CLOTHING CONSTRUCTION AND DESIGN PROGRAM

The clothing construction and design graduates may start as assistant designers or pattern makers for apparel manufacturers. Other career opportunities exist with pattern and notion companies, in theatrical costume design, and in fashion illustration. Free-lance design and consulting are options as well.

Clothing Construction and Design

AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements ...................................... 57 hours
TCF 101, 102, 201, 203, 219, 222, 301, 305, 310, 312, 313, 410, 411, 412, 415, 510, ART 100, 101, and THE 320.
Home Economics Core ........................................ 6 hours  
CDF 132 or HEH 132; HEC 352.

Supporting Course Requirements ......................... 8 hours  
CHE 101 and 102.

General Education Requirements .......................... 37 hours  
Standard General Education Program, excluding course categories 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University Requirements.

University Requirements .................................... 9 hours  
ATO 100; eight hours of restricted electives.

Free Electives .................................................. 11 hours

Total Curriculum Requirements ............................. 128 hours

GENERAL DIETETICS PROGRAM
A 2+2 program in dietetics provides continuity so that a student completing the two-year program may continue into the four-year program, provided the student meets academic requirements. All students in the dietetic programs (two- and four-year) take the same courses during the first two years. The general dietetics program is an American Dietetic Association approved program and features early exposure to professional dietetic courses in didactic and clinical settings. Before entering the four-year program, students must have applied and been approved by a majority of NFA faculty for admission to the general dietetic program. Prior to approval, no 400 or 500 level course in the major may be taken. Criteria for admission to the program includes:
1. have no grade in NFA course less than a “C”.
2. have a minimum overall grade point average of 2.5 on a 4.0 scale.
3. have completed a minimum of 60 semester hours.

General Dietetics (2 + 2)
AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements ........................................... 50 hours  
HEC 303, NFA 121, 201, 202; 301 or CHE 330; NFA 302, 317, 321, 323, 325, 326, 344, 345, 349 (one hour), 445, 501, 502, 503, 511, 512, and 515 (two hours).

Home Economics Core ....................................... 6 hours  
CDF 132 or HEC 132; HEC 352.

Supporting Course Requirements ......................... 33-34 hours  
BIO 171; BIO 273 or EHS 380; BIO 301, CHE 101, 102, STA 209, 210; CIS 212 or CSC 104; MGT 300, PSY 202, AHN 105; SOC 131, ANT 120, or GSS 142.

General Education Requirements ......................... 28 hours  
Standard General Education program, excluding course categories 04, 09, 13, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University Requirements.

University Requirements .................................... 9 hours  
ATO 100; eight hours of restricted electives.

Free Electives .................................................. 1-2 hours

Total Curriculum Requirements ............................. 128 hours

FASHION MERCHANDISING PROGRAM
The fashion merchandising majors gain on-the-job experience at the sophomore level through the cooperative education program and as seniors in a fashion merchandising practicum. Graduates may be placed in executive training programs in large retail stores, as sales representatives for apparel manufacturers, in managerial positions in specialty stores or work as free-lance wardrobe consultants.

Fashion Merchandising
AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements ........................................... 57 hours  
TCF 101, 201, 219, 301, 313, 319, 339, 349**, 413, and 414; nine hours from TCF 102, 222, 310, 410, 415, or 510; ACC 201; nine hours from MGT 300, 330, 480, MKT 300, 310, 315, 320, or COM 325.

Home Economics Core ....................................... 6 hours  
CDF 132 or HEC 132; HEC 352.

Supporting Course Requirements ......................... 11 hours  
CHE 101, 102, and ECO 230.

General Education Requirements ......................... 37 hours  
Standard General Education program, excluding course categories 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University Requirement.

University Requirements .................................... 9 hours  
ATO 100; eight hours of restricted electives.

Free Electives .................................................. 8 hours

Total Curriculum Requirements ............................. 128 hours  
**TCF 349—two hours at sophomore level.

GENERAL HOME ECONOMICS PROGRAM
The major in general home economics is designed for students who have a general interest in home economics and for certain professional preparation. The general home economics major offers four areas of concentration within the major for positions with the Cooperative Extension Service, business, or related fields. An optional minor in public relations offered by the Department of Mass Communication may be chosen as part of the free electives.

General Home Economics
AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements ........................................... 44 hours  
HEC 300, 353, 453; 18 hours in each of two areas of specialization in home economics.**

Areas of Specialization
Child Development and the Family  
CDF 232 or 331; 241; 244; 245 or 344; 247, and 342.

Home Economics and Interior Design  
HEC 351, IDE 121, 222, 250, 320, and 321.

Nutrition and Foodservice Administration  
NFA 121, 201, and 321; nine hours from NFA 301, 302, 304, 317, 323, 325, 326, 345, 445, 501, 505, 507, 509, 511, or 512.

Textiles, Clothing, and Fashion  
TCF 101, 102; 201 or 302; nine hours electives from TCF 203, 219, 305, 312, 411, or 412.

Home Economics Core ....................................... 6 hours  
CDF 132 or HEC 132; HEC 352.

Supporting Course Requirements ......................... 4 hours  
CHE 101.

APPLIED ARTS AND TECHNOLOGY
General Education Requirements ........................................42 hours
   Standard General Education program, excluding course category 14. Refer to Part Three of the Catalog for details on the General Education and University requirements.
University Requirements ...............................................9 hours
   ATO 100; eight hours of restricted electives.
Free Electives*** ...................................................... 23 hours
Total Curriculum Requirements ......................................126 hours
*Home economics specialization to be fulfilled through completion of a minimum of 18 hours in each of two areas of specialization.
***With optional 18 hour public relations minor five hours of free electives.
+ Note: Students selecting nutrition and foodservice administration must select CHE 102 and BIO 301 and BIO 273 or 378 to complete their general education natural science requirement. These science courses are prerequisites for all upper division NFA courses.

HOME ECONOMICS EDUCATION PROGRAM

The home economics education program leads to a Bachelor of Science degree and certifies qualified graduates to teach vocational home economics at the secondary and middle school levels. Students must also have the equivalent of 1,000 hours of approved gainful work experience.
In order to be admitted to the teacher education program, students must have a minimum 2.5 grade point average. The grade point average required for student teaching is a minimum 2.5 overall.

Home Economics Education
(TEACHING)
AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements .................................................... 33 hours
   CDF 244; CDF 241, 331, or 342; HEC 353, 453, IDH 250, 320, NFA 121, 201, 321, TCF 102, and 201.
Home Economics Core ...............................................  6 hours
   CDF 132 or HEC 132; HEC 352.
Home Economics Electives ...........................................  9 hours
Supporting Course Requirements ................................. 12 hours
   BIO 301, 378, CHE 101, and 102.
Teacher Education Requirements ................................. 32 hours
General Education Requirements ................................ 34 hours
   Standard General Education program, excluding course categories 13, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.
University Requirements ............................................  9 hours
   ATO 100; eight hours of restricted electives.
Total Curriculum Requirements ....................................135 hours
In addition, the student shall complete 1,000 hours in approved work experience in homemaking and home economics related occupations and complete the competency examinations and the National Teachers Examination (NTE).

INTERIOR DESIGN PROGRAM

A graduate of the interdisciplinary Bachelor of Science interior design program is qualified for employment as an apprentice designer with interior design firms, architectural firms, and design specialists in all areas, either residential or contract. With two years of experience in the interior design field, the graduate will be eligible to take the National Council of Interior Design Qualification Examination.

Interior Design
AREA MAJOR (BACHELOR OF ARTS)

Major Requirements .................................................... 67 hours
   IDH 121, 221, 222, 322, 326, 327, 328, 330, 331, 422, 426, and 428**; TEC 190, 332, 391, 394, 496; one hour from OHO 362A, 362E, or 362K; TCF 302, ART 102, and 103.
Home Economics Core ...............................................  6 hours
   HEC 132 and HEC 352.
Supporting Course Requirements ...................................  9 hours
   ART 390 and 391; three hours from ACS 254, MGT 220, or MKT 200.
General Education Requirements ...................................40 hours
   Standard General Education program, excluding course categories 07 and 08. Refer to Part Three of this Catalog for details on the General Education and University requirements.
University Requirements ............................................  9 hours
   ATO 100; eight hours of restricted electives.
Total Curriculum Requirements ....................................131 hours
   **Students must have a minimum 2.25 overall GPA and a minimum 2.6 major GPA with no individual course grade below a "C" in IDH courses to enroll in IDH 428.
   Students not meeting these requirements will take other IDH electives or repeat IDH required courses to meet this criteria.

FOODSERVICE ADMINISTRATION PROGRAM

The foodservice administration program is a Bachelor of Science Degree with a required minor in business. Students are prepared as competent professionals in the foodservice industry. Graduates may be employed in such areas as school lunch programs, foodservice companies, restaurants, private industry, catering, hotel foodservice, and numerous other possibilities. Graduates of this program have not met the academic requirements of the American Dietetic Association.

Foodservice Administration
FIRST MAJOR (BACHELOR OF SCIENCE)
(with a required minor in Business)

Major Requirements .................................................... 33 hours
   HEC 303, NFA 121, 201, 321, 323, 325, 326, 344, 345, 349 (three hours), 445, and 556 (two hours).
Home Economics Core ...............................................  6 hours
   CDF 132 or HEC 132; HEC 352.
Supporting Course Requirements ...................................  9 hours
   ATO 100; eight hours of restricted electives.
Business Minor Requirements .......................................  9 hours
   ATO 100; eight hours of restricted electives.

MIDDLE SCHOOL VOCATIONAL HOME ECONOMICS ENDORSEMENT

Undergraduate secondary school vocational home economics education majors may become certified for teaching middle-school home economics by completing EMG 447.
General Education Requirements ................................ 25 hours
Standard General Education program, excluding course categories 03, 09, 12, 13, 14, 15, and 16. Refer to Part Three of the Catalog for details on the General Education and University requirements.

University Requirements ......................................... 9 hours
ATO 100: eight hours of restricted electives.

Free Electives ..................................................... 10 hours
Total Curriculum Requirements ............................. 128 hours

SECOND MAJOR IN SPECIALTY FIELD OF HOME ECONOMICS
A student with a major outside the Department of Home Economics may pursue a second major in a specialty field of home economics by completing major requirements and supporting course requirements approved by the department chair and the Dean of the College of Applied Arts and Technology.

MINORS IN HOME ECONOMICS
Departmental majors may complete, in addition to major requirements, 18 hours in a specialty other than the major upon approval by the advisor, department chair, and Dean of the College of Applied Arts and Technology.
Non-departmental majors may minor in areas of home economics by completing the prescribed sequence.

Minor in Child and Family Studies ..................... 18 hours
CDF 132: six hours selected from CDF 241, 244 or 342; CDF 247: six hours CDF electives.

Minor in Clothing .............................................. 21 hours
TCF 101, 102, 201, 203, and 313; six hours from TCF 222, 305, 310, 312, 411, 412, 413, or 510.

Minor in Fashion Merchandising .................... 21 hours
TCF 101, 201, 219, 313, 319, 339, and 413.

Minor in Foodservice Administration ............ 18 hours
NFA 121 and 120; 12 hours selected from NFA 323, 325, 326, 344, 345, or 445.

Minor in General Home Economics ............... 18 hours
HEC 351, 352, IDH 250, 320, NFA 121, and TCF 102.

Minor in Interior Design ................................. 18 hours
IDH 121, 222, 250, 320, TCF 302, and TEC 190.

Minor in Nutrition ............................................ 18 hours
NFA 121 and 120; 12 hours selected from NFA 301, 302, 317, 501, 502, 503, 505, 507, 509, 511, or 512.

Minor in Textiles ............................................. 18 hours
TCF 101, 201, 301, 302, 410, and three hours approved TCF electives.

CHILD CARE PROGRAM
The Associate of Science in Child Care degree is designed for persons desiring academic preparation to teach or assist in programs for preprimary age children (birth through five). Such programs include day care, Head Start, nursery schools, private kindergartens, and after-school programs. These individuals may also work in a variety of family service settings.

Child Care
ASSOCIATE OF SCIENCE

Major Requirements ........................................... 33 hours
CDF 132, 241, 244, 245, 247, 344, 348, 350, and NFA 201; three hours from CDF 232, 331, or 342.

Supporting Course Requirements ................... 34 hours
ELE 322, PSY 202, SED 104, ATO 100*, six hours of English composition*, SPE 100*, six hours of general education social science* (three hours from course categories 09 and three hours from 10 or 11), three hours general education humanities*, BIO 300* or 317*, and four hours restricted electives.

Total Curriculum Requirements ................... 67 hours

NUTRITION CARE MANAGEMENT PROGRAM
Nutrition care management is an Associate of Science degree option of didetic technology. The curriculum integrates clinical and didactic components of nutrition care, preparing graduates to work under the supervision of registered dietitians in hospitals, nursing homes, and other health-oriented agencies.

Nutrition Care Management
ASSOCIATE OF SCIENCE

Major Requirements ........................................... 30 hours
HEC 303, NFA 121, 201, 202, 302, 317, 321, 325, 326, 344, 345, and 349 (one hour).

Supporting Course Requirements ................... 41 hours
ATO 100*, BIO 171*, 301*, CHE 101*, 102*, six hours of English composition*, three hours general education humanities*; STA 209 and 210 or CIS 212 or CSC 104; AHN 105, MGT 300, PSY 202; SOC 131, ANT 120, or GSS 142*; and four hours restricted electives.

Total Curriculum Requirements ................... 71 hours

INTERIOR DESIGN ASSISTANT PROGRAM
A graduate of the Associate of Arts degree program in interior design assistant may (1) be employed as an assistant to an interior designer, (2) be hired by retail stores as a consultant to consumers in the furniture, draping, and houseware areas, or (3) be self-employed. Other students will select this program for personal benefit.

Interior Design Assistant
ASSOCIATE OF ARTS

Major Requirements ........................................... 42 hours
IDH 121, 221, 222, 322, 326, 327, 328, 330, 331, TCF 302, TEC 190, 391, and 394; ART 102 or 103.

Supporting Course Requirements ................... 25 hours
ART 390*, 391*, ATO 100*, six hours of English composition*, HPR 180*, 282*, MAT 106*, three hours general education social science*, and four hours restricted electives.

Total Curriculum Requirements ................... 67 hours

APPLIED ARTS AND TECHNOLOGY 69
Course Descriptions

CDF—Child and Family Studies

132 Family Living. (3) I, II. Cross listed as HEC 132. Stages of development of the individual family members and of the family as a unit, biological, cultural, and personal accomplishments (developmental tasks) of the family throughout the life cycle will be emphasized. Credit will not be awarded to students who have credit for HEC 132 or SOC 245.

232 Identity and Sexuality. (3) I, II. An exploration of the changing attitudes about and among men and women and their effects on choices and interpersonal relationships. Emphasis will be on promotion and maintenance of positive mental, emotional, and sexual development. Credit will not be awarded to students who have credit for HEA 375 or PHI 350.

241 Prenatal and Infant Development. (3) I, II. Growth and development from conception to three years.

244 Development of Preschool Child. (3) I, II. Prerequisite: CDF 241 or instructor approval. Age level characteristics and theory pertinent to the preschool child. Special emphasis on observational assessment skills and the construction of individual case studies.

245 Program Planning for Young Children. (3) I, II. Prerequisites: CDF 241 and 244; or instructor approval. Survey of learning experiences in various curriculum areas. Planning activities, including techniques and materials, to provide environment appropriate to the age and background of young children. 2 Lec 2 Lab.

247 Parent Involvement with Young Children. (3) I, II. Prerequisites: PSY 201 or 202 and CDF 241 or 244. Study of effective home-school relations during the early childhood period. Methods and materials useful in working with parents. Experiences include observation of parent meetings, planning discussion groups, home visits, and parent conferences.

331 Marriage: Establishing Interpersonal Relationships. (3) I, II. Prerequisite: second semester sophomore standing. Factors influencing marital adjustment, their relationship and implications for a successful life.

342 Child and Adolescent Development and Ant. (3) II. Prerequisite: CDF 241. Physical, mental, emotional, and social development of the child from school age to adolescence, case studies, observations, and participation experiences with children culturally advantaged and disadvantaged.


346 Assessment, Creative Materials, and Concept Development. (3) A. Prerequisites: CDF 244 and 245; or instructor approval. Survey of theories related to concept development and skills acquisition for young children. Detailed overview of materials in program planning based on informal and formal assessments of children's identified strengths and needs.

348 Introduction to Preschool Experiences. (3) I. Prerequisites: CDF 244 and 245. Experiences of preschool education including history, goals, philosophies, materials, environments, and methods of child management. Designed to serve as preparation for practical experience in early childhood setting.

349 Cooperative Study in Child Development. (1-8) A. Prerequisite: departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit. Maximum of three hours may be counted in major requirements toward degree.

350 Preschool Experience. (6) I, II. Prerequisites: CDF 348 (or corequisite), 244, 245, 2.0 cumulative GPA, and a minimum grade of "C" in all courses with CDF prefix. Practicum in preschools focusing on structuring the environment, directing learning experiences, developing techniques for guiding young children, and arranging effective communication for parent involvement. Meetings for planning, discussing, and making decisions relative to preschool operation.

437 Families Under Stress. (3) A. Prerequisite: CDF 132 or instructor approval. A detailed examination of family functioning under crisis situations. The impact of death, divorce, middle age, unemployment, single parenthood, displacement, and disability on individual members of the family will be considered.

441 Adulthood and Aging. (3) A. Individual and familial development from young adulthood through death. Particular focus on changing family roles as members age. Emphasis on social changes affecting life satisfaction, living environments, and social relations of the middle-aged and elderly.

443 Child and Family Studies Practicum. (3-6) A. Prerequisites: CDF 350 (or instructor approval), 2.0 cumulative GPA, and a minimum grade of "C" in all courses with a CDF prefix. Supervised practicum experience in settings serving children and/or their families.

533 Marital Communications. (3) A. Prerequisite: instructor approval. The married person, self-concept and self-system in relation to communication; techniques of family communication.

534 Parenting. (3) A. Prerequisites: CDF 132, 241, and 244 or equivalent; instructor approval. A survey of techniques designed to promote effective parenting skills. The course will focus on methods of parent guidance and common problems encountered by parents at all stages of the child-rearing sequence.

537 Marital and Family Relations in the Retirement Period. (3) A. Prerequisites: instructor approval. The senior citizen and the transition in family ties, anxieties, attitudes, behavior, and marital life.

538 Seminar in Family Life. (1-3) A. Prerequisite: instructor approval. Students will concentrate their interests in an intensive study of specific areas of the family and its interpersonal relationships. May be retaken to a maximum of six hours providing the topics vary.

547 Organization and Administration of Preschools. (3) II. Prerequisite: CDF 245. Study of the history of preschool education and its present organization and administration.

548 Seminar in Child Development. (3) II. Prerequisites: CDF 241, 244, and six hours in CDF; or instructor approval. Current concepts and trends in child development, recent research, and literature.

549 Special Problems in Child Development. (1-3) A. Prerequisites: instructor approval and a 3.0 GPA (major). May be retaken to a maximum of six hours providing the topics vary. The student chooses a problem and works under the supervision of the instructor. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

550 Child and Family Studies Workshop: (1-3) A. Study of various topics in child and family studies selected to meet student needs and interests. May be retaken to a maximum of six hours providing workshop topics vary.

GRADUATE COURSES

733 Marital Communications. (3) A.
734 Parenting. (3) A.
737 Marital and Family Relationships in the Retirement Period. (3) A.
738 Seminar in Family Life. (1-3) A.
747 Organization and Administration of Preschools. (3) II.
748 Seminar in Child Development. (3) II.
749 Special Problems in Child Development. (1-3) A.
750 Child and Family Studies Workshop: (1-3) A.
831 Relationships in Marriage and Family. (3) A.

HEC—Home Economics, General

132 Family Living. (3) I, II. Cross listed as CDF 132. Stages of development of the individual family members and of the family as a unit, biological, cultural, and personal accomplishments (developmental tasks) of the family throughout the life cycle will be emphasized. Credit will not be awarded to students who have credit for CDF 132 or SOC 245.

200 Issues in Home Economics. (2) A. Identification and analysis of past and current issues, public policy, developing trends and the impact of technology. Examination of the philosophy and scope of home economics professions.

300 Professional Seminar. (2) A. Seminar on professional opportunities in home economics via a systematic overview of the areas of specialization and a study of their interrelationships. Introduction to techniques of preparing for interviews, writing letters of application, and employment issues.

301 Research in Home Economics. (2) A. Survey of recent research in home economics and its implications. Students will study methods and techniques of research and apply to individual research projects.

303 Dissemination of Home Economics Information. (3) A. Dissemination of information for clientele in the field of home economics. Selection and utilization of resource materials in specific areas.

349 Cooperative Study in Home Economics. (1-8) A. Prerequisite: departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

351 Household Equipment. (3) A. Selection, use, and maintenance of household equipment and appliances. Fundamentals of gas and electricity, energy efficiency in the home.

352 The Family as Consumers. (3) I, II. Current consumer behavior by families in the marketplace. Emphasis on fraudulent schemes, current issues, laws, and organizations affecting the interests of the family as consumers. Credit will not be awarded to students who have credit for FIN 201.
353 Home Management. (3) A. Concepts and processes of home management as a means of achieving family goals. Effective use of human, economic, and environmental resources; work simplification principles applied to household work.

355 Home Management Theory. (3) A. Prerequisites: NFA 321, HEC 351, and 353. Students may enroll for a total of three hours credit.

453A Turley House Residence. Management of time, money, and energy as related to home environments; projects assigned. Students will reside and participate in programs in Turley House. Reservations are made one semester in advance.

453C Family Management Experience. Management of time, money, and energy as related to home environments. Married students fulfill approved experience in their own homes. Enrollment approval by department chair one semester in advance.

555 Seminar in Consumer Economics. (3) A. Prerequisite: HEC 352 or equivalent. Reports and discussion on topics of concern to consumers; legislation affecting consumers; resources available to consumers; consumer rights and responsibilities.

559 Special Problems in Family Economics and Management. (1-3) A. Prerequisite: instructor approval. The student chooses a problem and works under the supervision of the instructor. Student must have the independent study proposal form approved by the faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours provided topics vary.

GRADUATE COURSES

750 Home Economics Workshop. (1-3) A.

755 Seminar in Consumer Economics. (3) A.

766 Special Problems in Family Economics and Management. (1-3) A.

IDH—Interior Design and Housing

121 Survey of Interior Design. (3) I, II. An orientation to the profession: relationship to allied fields, contemporary developments, professional organizations, career options and philosophical approaches. Introduction to the principles and elements of design, programming, space planning, and decorative ornamentation.

221 Interior Design. (3) I. Prerequisites: IDH 121 and TEC 150. Emphasis on graphic communication as part of the design process for interior designers. Integration of drawing skills and color usage employed in graphic representational methods used to analyze and describe interiors and conceptualize ideas.

222 Studio I: Visual Studies and Design Application. (3) II. Prerequisites: IDH 221, ART 102, and 103. A study of spatial organization, and design theory. Communication of design problem solutions through practical and creative application of design elements and principles.

250 The Residential Environment. (3) A. Concepts influencing housing: family values and needs with emphasis on residential environment. Original plans include space analysis, room arrangement, equipment, storage created, considering design elements, principles, and objectives. Open only to non-IDH majors.

317 Interior Design Study Tour I. (1-3) A. Prerequisite: completion of freshman year in interior design curriculum. Designers make one-day trips to observe the operation of establishments involved in production, sales, and display of items such as furniture and accessories. Special project required.

319 Seminar in Interior Design. (1-3) A. A study of technical information relevant to interior design. Course content to be determined by student interests and needs. May be retaken to a maximum of six hours provided the content is different.

320 Housing the Residential Environment. (3) A. Coordination of furnishings and accessories within the contemporary residential environment; application of design elements, principles, and objectives through laboratory experiences; illustration techniques are utilized. Open only to non-IDH majors.

321 Housing Concepts. (3) A. Economics, environmental, social, and political dimensions of housing. A study of housing; norms, types, energy use, tenancy for the future.

322 Studio II: Residential Design. (3) I. Prerequisites: GPA 2.5 (major), IDH 222, TEC 391, and 394 (TEC 391 and 394 corequisites for A.A. degree students). Programming, space planning, and study of functional and aesthetic aspects of residential environments, resulting in appropriate oral and visual presentations.

326 Studio III: Contract Design I. (3) II. Prerequisite: IDH 322. Programming, space planning, and application of design elements and principles in contract design, resulting in appropriate oral and visual presentations.

327 Historical Architecture and Interiors I. (3) II. Prerequisite or Corequisite: ART 350. Study the history and theory of architecture, interiors, furnishings of ancient and classical civilization, Middle Ages, Italian, Hispanic, Oriental and African cultures; their design theories, significance and application to current design.

328 Historical Architecture and Interiors II. (3) I. Prerequisite or Corequisite: ART 351. Study of the history and theory of design in architecture, interiors, furnishings of French, English, and American periods from the Renaissance through the 19th century revival styles; their design theories, significance and application to current design.

329 Lighting Technology. (3) I. Prerequisite or Corequisite: TEC 394. Study of the terminology, psychology, technology, and application of lighting systems for residential and contract interiors.

453 Home Management Theory. (3) I. Prerequisite: NFA 321, TEC 351, and 353. Students may enroll for a total of three hours credit.

532 Interior Design. (3) II. Formerly IDH 324. Prerequisite: IDH 329. A study of the history and theory of architecture, interiors, furnishings, significant architects and designers of the late 19th and 20th centuries, with projection for the future.

454 Cooperative Study in Interior Design. (1-8) A. Work under faculty and field supervision to participate in academic and professional studies. One to eight hours per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. Minimum of 80 hours work required for each hour credit.

454 Studio IV: Contract Design II. (3) II. Prerequisites: IDH 326, 328, and TEC 332. Corequisite: TEC 400. Analysis, organization, and development of commercial and institutional environments, resulting in functional and aesthetic design decisions.

454 Issues in Interior Design. (3) A. Prerequisite: junior standing or instructor approval. Individual and group investigation of current responsibilities and issues relating to field of interior design.

456 Studio V: Contract Design III. (3) II. Prerequisite: IDH 422. Advanced studio experiences in programming, space planning, historic preservation, and adaptive use in contract applications, resulting in appropriate oral and visual presentations.

456 Supervised Field Experience in Interior Design. (6) A. Prerequisites: open to IDH B.A. students only, IDH 336, 330, minimum 2.25 cumulative GPA, and 25 major GPA with no IDH course below a “C”. Observation of an interior design firm’s operation and program, with performance in assigned tasks under supervision. Reservations should be made a semester in advance.

532 Interior Design Study Tour. (3) I. Prerequisite: completion of junior year in interior design. Tour of interior design resources, wholesale and retail showrooms. Study in museums, libraries, and interior design centers when possible. Special study projects.

550 Special Problems in Interior Design. (1-3) A. Prerequisite: senior standing or instructor approval. An appropriate problem is proposed in consultation with an advisor/instructor and completed under supervision. May be retaken to a maximum of six hours provided topics vary.

NFA—Nutrition, Foods, and Food Administration

121 Introduction to Food Composition and Preparation. (3) I. Introduction of foods and their properties as they affect preparation. Scientific principles of food preparation.

221 Essentials of Nutrition. (3) I, II. A scientific study of the essential nutrients and their application in meeting nutritional needs of all ages. Consideration is given to the significance of teaching middle-school home economics by completing EMG 447 - Reading Language Arts in the Middle Grades.

224 Introduction to Dietary Science. (3) I. A professional orientation course describing the role of the practitioner in administrative, clinical, and community dietetics, along with relationships to other health professionals.

300 Social-Cultural Aspects of Nutrition. (3) I, II. Social-cultural and psychological influences on the individual, community, and world nutrition. The strategies to cope with these will be explored.

301 Bio Nutrition. (3) I. Prerequisites: CHE 102 or 112; NFA 201. Structures and chemical properties of CHO, PRO, fat and nucleic acids, vitamins, coenzymes, water, and minerals.

302 Diet Therapy. (3) A. Prerequisite: NFA 201. Basic diet therapy and its application to dietary treatment for patients. Nutrition guidance and counseling techniques. Study of specific diseases and relationship of modified diets to overall metabolic and dietary management of the patient.

304 Computer Assisted Foodservice Management. (1) I. Prerequisite: NFA 345. Principles and techniques in computer usage. Systems approach, coding, inventory control, production scheduling, food cost accounting, and patient nutrient intake systems.
317 Nutrition in the Life Cycle. (3) II. Prerequisite: NFA 201 or instructor approval. Study of dietary needs adapted to periods of the life cycle.

321 Meal Management. (3) A. Prerequisites: NFA 121 and 201. Food management, planning, preparation, and service of meals through management of time, energy, money, and efficient use of equipment. Consideration is given to nutritional needs, food habits, and social customs of family groups.

322 Experimental Foods. (3) I, II. Prerequisites: NFA 121 and CHE 102 or equivalent. Experimental procedures involving methods and techniques and their effects on the quality of products; individual problems dealing with the various aspects of food preparation.

325 Quantity Food Production. (2) I. Prerequisites: NFA 121 and 321. Corequisite: NFA 326. Standards, principles, and techniques for managing throughout the functional subsystems of a foodservice setting; emphasis on quality, quantity and cost controls.

332 Field Experiences in Quantity Food Production. (2) I. Prerequisites: NFA 121 and 331. Corequisite: NFA 325. Supervised field experience in the technical application of theory presented in NFA 325.

344 Institutional Purchasing. (3) II. Prerequisites: NFA 325 and 326. Principles and methods of purchasing foods and equipment for various types of quantity food services; emphasis on specifications and factors affecting quality; food cost control. Field trips included.

345 Foodservice Systems Management. (3) II. Prerequisites: NFA 325, 326, and MGT 300. Application of the systems approach to food service with an emphasis on middle management responsibilities related to all foodservice resources; human, material, operation, and physical. Clinical experiences.

349 Cooperative Study in Nutrition, Foods and Food Administration. (1-8) A. Prerequisite: departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, maximum: twenty-four. Baccalaureate. A minimum of 80 hours work required for each academic credit.


500 Nutrition Concepts and Issues. (3) A. Fundamental principles of human nutrition and their application in meeting nutritional needs of all ages. Not open to dietetic or foodservice administration majors.

501 Human Nutrition. (3) I. Prerequisites: CHE 330 or NFA 301; BIO 301 and NFA 201. Interrelations and functions of nutrients in normal nutrition, relation of nutrient requirements at the cellular level to dietary standards.

502 Therapeutic Nutrition. (2) II. Prerequisites: NFA 317; NFA 301 or CHE 330; NFA 501 or equivalent. Corequisite: NFA 503. Theory and applications of the normal dietary patterns and specific modifications, according to disease processes. Integrates nutritional management, physiological, and biochemical alternations for pathological disorders.

503 Clinical Experience for Therapeutic Nutrition. (1) II. Corequisite: NFA 502. Supervised clinical experience in acute and long term health care facilities in which the student will participate in patient interviewing, counseling, observing, and communicating with clinical dietetic professionals, nursing and other health professionals.

505 Maternal and Infant Nutrition. (3) A. Prerequisite: NFA 201. Nutritional requirements prior to and during pregnancy, lactation, and infancy. Study the effects of dietary toxicants, deficiency and excesses of nutrients. Field experience.

507 Child and Adolescent Nutrition. (3) A. Prerequisite: NFA 201. Nutritional needs, problems, dietary habits, and motivations of the toddler through adolescent years. Clinical experience.

509 Nutrition and Aging. (3) A. Prerequisite: NFA 201. The theories of causes of aging; nutritional requirements, dietary intakes and effects of nutrition on the rate of biological aging. Field experience.

511 Community Nutrition. (2) II. Prerequisite: NFA 201. Corequisite: NFA 512. Analysis of nutrition services and legislation. Survey of roles of the nutritionist in various community settings. Development of resource file and preparation of nutrition education materials for use with different population groups. Planning and conducting nutrition surveys and analysis of data.

512 Laboratory for Community Nutrition. (1) I. Prerequisite: NFA 201. Corequisite: NFA 511. Supervised field experience including observation, and participation in various community programs and settings. Experiences in individual and family nutrition counseling.

513 Community in Nutrition. (1-3) A. Prerequisites: NFA 501 and instructor approval. Reports and discussion of current problems and research in nutrition.

516 Special Problems in Nutrition. (1-3) A. Prerequisites: NFA 501 and instructor approval. The student chooses a problem and works under the supervision of an instructor who directs the student to a maximum of six hours provided the topics vary. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

555 Seminar in Food Administration. (1-3) A. Prerequisite: NFA 445. Reports and discussion of topics relative to the area of food administration. May be retaken to a maximum of six hours provided the topics vary. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

556 Special Problems in Food Administration. (1-3) A. Prerequisite: NFA 445. The student chooses a problem and works under the supervision of an instructor. May be retaken to a maximum of six hours provided the topics vary. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

---

**TCF—Textiles, Clothing, and Fashion**

101 Apparel Quality Analysis. (3) I, II. A study of factors that influence quality levels of sewn products. Introduction to style terminology and sizing of ready-to-wear apparel.

102 Introductory Clothing Construction. (3) I, II. Basic principles of clothing construction: selection, alteration and fitting of commercial patterns.

201 Introduction to Textiles. (3) I, II. Introduction to yarns, fibers, fabrics, and finishes with limited physical examination and emphasis on consumer use. 2 Lec 2 Lab.

203 Pattern Alteration and Fitting. (3) II. Prerequisite: TCF 102. A basic study of pattern alteration and fitting using commercial patterns.

219 Fashion and the Industry. (3) I, II. The study of the fashion industry from fiber producer to designer to manufacturer. Includes auxiliary fashion enterprises such as fashion periodicals.

222 Fashion Illustration. (3) A. Prerequisite: TCF 101. Methods and materials for clothing illustration, including sketching of the elongated fashion figure and computer-aided design: illustration, color and fabric rendering of original designs and clothing lines.

301 Fundamentals of Textiles. (3) I, II. Prerequisites: CHE 102 and TCF 201. A study of fibers, fabrication, and finishes with limited physical and chemical examination.

302 Textiles for Architectural Interiors. (3) I, II. Characteristics, properties, specifications, and uses of textiles for architectural interiors. 2 Lec 2 Lab.

305 Techniques in Apparel. (3) A. Prerequisites: TCF 102 and 203, or instructor approval. Advanced techniques in apparel construction with emphasis on use of special fabrics.

310 Historical Costume and the Social Order. (3) I. History of dress from ancient Egypt through the 20th century. Factors which influence the style of dress are studied and relationship between costume of the past and current modes.

312 Flat Pattern Design. (3) A. Prerequisites: TCF 102 and 203; or instructor approval. A study of the development of original design through flat pattern techniques.

313 Apparel Design Analysis. (3) I, II. Prerequisite: junior standing. Visual analysis of apparel and the human form through identification and application of the elements and principles of design. Consideration of clothing as an aesthetic expression and of individual physical and social clothing needs throughout the life cycle.

319 Fashion Merchandising. (3) I. Prerequisite: TCF 219. The merchandising of the fashion apparel, including planning fashion assortment and budget, controlling merchandise, buying procedures, vendors and vendor relations. Practice in merchandising mathematics.

339 Visual Merchandising. (3) I, II. Prerequisite: junior standing or instructor approval. Principles and techniques used in the display of fashion merchandise and their application in planning and actual display of fashion goods for store windows and interiors.

349 Cooperative Study in Textiles, Clothing, and Fashion. (1-8) A. Prerequisite: departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

410 History of Textiles. (3) I, II. Prerequisite: TCF 201. The study of the development and economic importance of textiles from prehistoric time to the present.

411 Tailoring. (3) A. Prerequisites: TCF 102 and 203; or instructor approval. Application of tailoring techniques to garments made from commercial patterns.

412 Costume Design Through Draping. (3) A. Prerequisites: TCF 102 and 203, or instructor approval. A study of costume design through application of draping techniques, using the half scale figure.
413 The Professional in Fashion Merchandising. (3) I, II. Prerequisites: TCF 319 and 349. Insight into problems of store management and personnel training as found in fashion organizations. Practice in merchandise planning and analysis as affected by target customer demographics and behavior. Preparation for the fashion merchandising practicum including resumes, cover letters, and interviews.

414 Fashion Merchandising Practicum. (10) A. Prerequisite: TCF 413. Supervised practicum in a retail store studying aspects of the merchandising of textile and clothing products.

415 The Professional in Apparel Design. (3) A. Understanding the relationship of the designer to the apparel industry; fabricating a line, cost accounting, the working sketch, sources of materials and designer inspiration.

510 Socio-Psychological Factors of Apparel. (3) A. Prerequisite: TCF 101 or instructor approval. Social, cultural, and psychological factors which influence personal satisfaction in selection and use of apparel.

517 Textiles, Fashion, and Merchandising Tour. (1-3) A. Prerequisite: instructor approval. Tour of wholesale and retail outlets in fashion industry centers. Professional exposure to many aspects of the fashion industry. Special study project. May be retaken to a maximum of six hours provided the destinations differ.

519 Special Problems in TCF. (1-3) A. Prerequisites: 3.0 GPA and instructor approval. Tour of wholesale and retail outlets in fashion industry centers. Professional exposure to many aspects of the fashion industry. Special study project. May be retaken to a maximum of six hours provided topics differ.

550 TCF Workshop. (1-3) A. A workshop course designed to offer specialized expertise in numerous areas related to textiles, clothing and fashion. May be retaken to a maximum of six hours provided workshop topics vary.

GRADUATE COURSES

710 Socio-Psychological Factors of Apparel. (3) A.
717 Textiles, Fashion, and Merchandising Tour. (1-3) A.
719 Special Problems in TCF. (1-3) A.
750 TCF Workshop. (1-3) A.

DEPARTMENT OF MASS COMMUNICATIONS

Chair; Cain, Cannon, Everett, Feltner, Fraas, Hansen, Harris, Henson, Kleine, Kolloff, Perry, Rogers, Taylor, Whitlock, Wolfe.

The primary function of the Department of Mass Communications is to offer instruction in the preparation of messages for the mass media and in the effective use of mass media techniques and equipment.

Because of the specialized nature of many of the courses in the Department of Mass Communications, students may find prerequisites required by individual instructors. These may include the ability to type a minimum of 25 words per minute, the availability of a cassette or other portable tape recorder, and/or the availability of a 35mm camera. When such prerequisites apply, students will be notified at the first class meeting.

Students are urged to acquire computer skills before they enter professions within the mass media. No more than 20 credit hours of a student's degree may be earned in internship.

Students majoring or minoring in the Department of Mass Communications are required to attain a minimum grade of "C" in all courses for the major and/or minor. This requirement does not apply to supporting courses.

In special cases, courses and their prerequisites may be taken concurrently only with the permission of the student's advisor.

Broadcasting
MAJOR (BACHELOR OF ARTS)

Major Requirements ........................................ 30 hours
RTV 225; 325 or 375; 350 or 360; 390, 395; 406 or 480; 12 hours RTV electives.

Supporting Course Requirements .............................. 9 hours
COM 200; six hours COM electives.

General Education Requirements .............................. 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................... 9 hours
ATO 100; eight hours of restricted electives.

Free Electives .................................................. 34 hours

Total Curriculum Requirements ............................... 128 hours

Journalism
MAJOR (BACHELOR OF ARTS)

Major Requirements ........................................ 30 hours
JOU 201, 302 (one hour), 305, 310, 325, 401, 405, and 425; eight hours JOU electives.

Minor Requirements ........................................ 18 hours
Journalism students must complete at least a minor in an area outside the Department of Mass Communications.

Supporting Course Requirements .............................. 6 hours
COM 200 and 470.

General Education Requirements .............................. 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on General Education and University requirements.

University Requirements .................................... 9 hours
ATO 100; eight hours of restricted electives.

Free Electives .................................................. 19 hours

Total Curriculum Requirements ............................... 128 hours

Public Relations
MAJOR (BACHELOR OF ARTS)

Major Requirements ........................................ 34 hours
JOU 201, 305; 325 or TEC 315; JOU 405 or RTV 406; PUB 375, 378 (one hour), 380, 475, 490; RTV 325 or 375; RTV 350 or 360; RTV 390.

Supporting Course Requirements .............................. 15 hours
COM 200, 320, 420, MFC 211, and MKT 320.

General Education Requirements .............................. 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on General Education and University requirements.

University Requirements .................................... 9 hours
ATO 100; eight hours of restricted electives.

Free Electives .................................................. 24 hours

Total Curriculum Requirements ............................... 128 hours

MINOR IN BROADCASTING

Courses required for a minor in broadcasting are RTV 225, 250; 325 or 375; six hours in production courses (350, 390, 395), and three hours of RTV electives. Courses counted toward a major
may not be counted toward the minor in broadcasting. Substitute courses will be selected by the student and the departmental advisor.

MINOR IN JOURNALISM

Courses required for a minor in journalism are COM 200, JOU 201, 305, 310, and six hours from JOU 307, 325, or 401. Courses counted toward a major may not be counted toward the minor in journalism.

MINOR IN JOURNALISM (TEACHING)

Courses required for a minor in journalism (teaching) are COM 200, JOU 201, 305, 307, 310, 325, three hours JOU electives, EDF 102, 202, and 317. (The teaching minor in journalism is open to those students with a first major in art, business education, English, history, or physical education.)

MINOR IN MEDIA SALES

Courses required for a minor in media sales are COM 200, 325, 450, 470, 475, and MKT 320. Courses counted toward a major may not be counted toward the minor in media sales. Substitute courses will be selected by the student and the departmental advisor.

MINOR IN PUBLIC RELATIONS

Courses required for a minor in public relations are COM 200; JOU 201 or RTV 375; PUB 375, 380, 475, and MFG 211. Courses counted toward a major may not be counted toward the minor in public relations. Substitute courses will be selected by the student and the departmental advisor.

MINOR IN VISUAL MEDIA

Courses required for a minor in visual media are COM 320, 325, JOU 325, RTV 360, 395, and MFG 211. Courses counted toward a major may not be counted toward the minor in visual media. Substitute courses will be selected by the student and the departmental advisor.

Course Descriptions

COM—Communications

200 Introduction to Mass Communications. (3) I, II. Introduction to the mass media in America, especially newspapers and broadcasting. Analyzes the forces affecting media behavior and studies the impact of mass media on the social, political, and economic sectors of society.

260 Film Genre: (3) I, II. Formerly COM 200. Study of the types of motion pictures. Analysis and critical evaluation of the typical elements of a genre, both visual and dramatic. May be retaken to a maximum of six hours with different course content.

290 Topics in Communications: (1-3) A. Prerequisite: will vary with course offering. Special topics beyond the scope of regularly offered courses. May be retaken to a maximum of nine hours provided the subject matter differs each time. Specific topics included in the schedule.

310 Broadcast Publishing for Media. (3) I, II. Introduction to desktop publishing in mass communications, using personal computers and appropriate software programs. Practice in the production of information graphics, newsletters, advertisements and other mass media messages. Can count as JOU elective.

325 Media Production. (3) I, II. Prerequisite: MKT 320. Examination of production principles and methods with practice in copywriting, visualization and layout. Considers the application of research and communication theory to the creation of promotional materials and advertising.

345 Literature and Film. (3) A. Cross listed as ENG 345. Prerequisites: ENG 101 and 102 (or 105); six hours of literature. Examination of the relationships between film and literature through a comparative study of the stylistic and technical elements of the two media. Includes readings of short stories, plays, novels, and analyses of cinematic adaptations. Credit will not be awarded to students who have credit for ENG 345.

349 Cooperative Study: Media Sales. (1-8) A. Prerequisites: junior standing, "B" average in all courses in the Department of Mass Communications, and departmental approval. Work under faculty and field supervisor in placements related to broadcast media. One to eight hours credit per semester or summer. Total hours: eight, associate: sixteen baccalaureate. A minimum of 80 hours work required for each academic credit. May not satisfy major or minor requirements within the department.

350 Cinema History I. (3) A. Historical survey of cinema from its origins to the early artistic successes in sound. Examines developments in directing, acting, editing, and other areas of cinema as an art form. Feature length and shorts viewed. Gen. Ed. 08.

351 Cinema History II. (3) A. Historical survey from the development of sound to the present. Includes theories, styles, and critical positions related to sound film and considers origins and implications for future directions. Feature length and shorts viewed. Gen. Ed. 08.

352 Fundraising. (3) I, II. An overview of fund raising, including planning, organization, management, marketing and the common sense needed to raise money from private sources.

400 Studies in Communications: (1-3) A. Prerequisite: will vary with course offering. Study of specific areas of communications through workshops, short courses, institutes, or through the presentation of a specific a course which examines timely, topical, or specialized concerns in the field. Specific topic included in schedule. May be retaken to a maximum of nine hours.

420 Mass Communications Research. (3) I, II. Introduction to the research process, research approaches, basic statistics and applied research in the field of mass communications.

430 Legislative Reporting. (3) A. Prerequisite: JOU 401 or RTV 401; or instructor approval. Reporting on the state legislature for print and broadcast media. Counts as JOU RTV elective.

440 Broadcast and Cable Promotion. (3) I, II. Study of broadcast and/or cable promotion in the areas of writing, production, marketing, and public relations. Counts as RTV elective.

450 Media Campaigns. (3) A. Planning, financing, and executing of advertising and sales campaigns through individual and class projects. Includes use of research and coordination of campaign elements. Credit will not be awarded to students who have credit for MKT 426.

460 Advanced Film Genre: (3) I, II. Detailed study of the types of motion pictures. Requires independent research, extended analysis and critical evaluation of films. May be retaken to a maximum of six hours with different course content. May be not taken concurrently with COM 260.

470 Print Sales. (3) A. Prerequisite: JOU 201. Problems and practices of newspaper and magazine sales. Includes case studies in print sales development (local, regional and national), pricing, production, promotion, and campaigns.

475 Broadcast Sales. (3) A. Prerequisite: RTV 225. Problems and practices of television, cable and radio sales. Includes case studies in broadcast sales development (local, regional and national), pricing, promotion, and campaigns. Counts as RTV credit.

495-496-497-498-499 Special Problems in Communications. (1-3 each) A. Prerequisite: Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Six hours maximum credit through any combination of 495, 496, 497, 498, 499. Credit may not count toward a major or minor in the Department of Mass Communications.

495 Public Relations. (1-3) A. Topic selection and supervisor approval required before enrollment. May be retaken to a maximum of three hours.

496 Film. (1-3) A. Topic selection and supervisor approval required before enrollment. May be retaken to a maximum of three hours.

497 Journalism. (1-3) A. Topic selection and supervisor approval required before enrollment. May be retaken to a maximum of three hours.

550 Readings in Mass Communications. (3) A. Prerequisites: instructor approval and senior standing. Critical reading of selected books and magazines relating directly or indirectly to mass communications. Features reviews and seminar discussions of readings chosen to reflect individual student’s interests.

GRADUATE COURSE

750 Readings In Mass Communications. (3) A.

JOU—Journalism

201 Newswriting. (3) A. Prerequisites: ENG 101 or 105; ability to type 25 words per minute. Study of the elements of the news story. Includes the lead, style, structure, sources, readability, story types, and ethics. Practice in gathering, writing and evaluating news.

302 Newspaper Practicum. (1-1) A. Prerequisite: JOU 201. Supervised practical newspaper experience in a journalism laboratory. May be retaken to a maximum of three hours.
II. Prerequisite: JOU 201. Supervised practical experience in a public relations operation. May be retaken to a maximum of three hours. May not be counted toward major.

305 Feature Writing. (3) A. Prerequisites: ENG 101 and 102 (or 105). Writing and submitting articles for publication in newspapers, magazines and syndicates. Involves studying requirements of periodicals to which sale is attempted and freelancing methods in general.

307 Editorial Writing. (3) A. Prerequisite: JOU 201. Study of editorials, editorial columns, and editorial pages. Provides practice in writing editorials for publications.

310 News Editing. (3) I, II. Prerequisite: JOU 201. Purposes and methods of preparing and publishing news. Study of style and practice of guideline writing, as well as evaluation of news, display and makeup.

325 Photographic Journalism. (3) I, II. Reporting the news with a camera. Stresses recognition, development, and creation of news photographs by providing experiences in shooting, developing, printing, and editing.

330 Sportswriting. (3) A. Prerequisite: JOU 201. Fundamentals of sports writing. Includes daily, feature, and interview stories as well as preparation of sports commentary and analysis.

349 Cooperative Study: Journalism. (1-8) A. Prerequisites: junior standing. "B" average in all courses in the Department of Mass Communications, and departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours of academic credit per semester or summer. Total hours: eight, associate: sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit. May not satisfy major or minor requirements within the department.

401 Public Affairs Reporting. (3) A. Prerequisite: JOU 201. Writing and reporting in specialized fields of national, state, and local government, labor, science, research, and business. Includes writing and reporting for wire services and daily newspapers.

405 Journalism Law. (3) A. Prerequisite: JOU 201. Examination of legal philosophies relating to journalism: press freedom, copyright, libel, slander, fair comment, and contempt of court. Emphasizes the privileges and restraints affecting journalism.

415 Advanced Photography. (3) A. Prerequisite: JOU 325. Darkroom techniques in feature photography. Focuses on experiences in coordinating words and news photographs and developing photo pages and photographic assignments.

415 Advanced Editing. (3) A. Prerequisite: JOU 310. Intensive study of newspaper design. Emphasizes student practice in electronic editing, headline writing, and layout.

425 Community Journalism. (3) A. Prerequisites: JOU 201 and 310. Writing and reporting for community newspapers. Includes investigating local government and local sources of information and studying the role and performance of the community newspaper.

450 Newspaper and Magazine Management. (3) A. Prerequisites: JOU 201 and 310. Problems of organization, finance, production, and distribution of daily and weekly newspapers and magazines. Examines factors involved in publishing, staffing, equipment evaluation and purchase and policy formulation.

RTV—Broadcasting

225 Introduction to Radio and Television. (3) I, II. Survey of the broadcasting industry. Encompasses development, responsibilities, job opportunities, industry codes, as well as the technical aspects of radio and television and brief consideration of programming, production techniques.

250 Broadcast Performance. (3) II. Study of the announcer's role in broadcasting. Stresses practice in performing areas, including radio and television production, microphone and television camera techniques with an added emphasis on phonetics and production.

325 Broadcast News. (3) A. Prerequisites: ENG 101 and 102 (or 105); the ability to type 25 words per minute. Fundamental news concepts peculiar to the requirements of the broadcast media are explored through writing and editing the newscast and examining broadcast news releases, programs, and documentaries.

330 Sportscasting. (3) A. Prerequisites: RTV 250 and RTV 325 or 375. Fundamental concepts basic to sports broadcasting are developed through writing and delivering the sportscast and examining the theory and practice of play-by-play announcing.

349 Cooperative Study: Broadcasting. (1-8) A. Prerequisites: junior standing. "B" average in all courses in the Department of Mass Communications, and departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate: sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit. May not satisfy major or minor requirements within the department.

350 Film Production. (3) I, II. Principles and procedures of motion picture production, including camera metering, laboratory processes, editing, and projection systems. Emphasizes scripting, filming, and editing the silent film.

353 Film Practice. (1) I, II. Prerequisite: RTV 350. Supervised practical experience in film making, editing, and other aspects of film production. May be retaken to a maximum of three hours. May not be counted toward the major.

360 Electronic Field Production. (3) A. Training in non-studio television production and editing. Provides field shooting and editing experience and an understanding of the uses of these skills in both broadcast television and cable.

379 Broadcast Writing (3) I, II. Prerequisites: ENG 101 and 102 (or 105); the ability to type 25 words per minute. Emphasizes the specialized forms of broadcast writing. Emphasizes both visual and verbal planning elements as well as practical experience in writing commercial, public service, narrative, and documentary copy.

383 Radio Production. (3) I, II. Prerequisite: RTV 225. Fundamentals of the technical and artistic elements of radio production. Includes control room techniques, sound recording, tape editing, and Federal Communications Commission regulations.

393 Radio Practicum. (1) I, II. Prerequisite: RTV 390. Supervised practical experience on the staff of a radio facility. May be retaken to a maximum of three hours. May not be counted toward the major.

395 Studio Television Production. (3) I, II. Study of the basic elements of television production. Includes an introduction to writing, directing, producing, and other technical aspects of studio television.

398 Television Practicum. (1) I, II. Prerequisite: RTV 395. Supervised practical experience on the staff of a television facility. May be retaken to a maximum of three hours. May not be counted toward the major.

401 Advanced Broadcast News. (3) A. Prerequisites: RTV 325 and 360. Advanced study in broadcast journalism; including the use of electronics news gathering (ENG) equipment. Extends the concepts developed in RTV 325.

402 Advanced Broadcast News II. (3) I, II. Prerequisite: RTV 401. Advanced study in broadcast journalism which includes: training and supervising a news staff, managing and operating a news field bureau office, and implementing promotion concepts for a news organization.

406 Broadcast Law. (3) A. Examination of the legal philosophies involved in broadcasting—state and federal statues, libel and slander, and self-regulation. Emphasizes the privileges and restraints affecting broadcasting.

410 Broadcast Programming. (3) A. Prerequisite: RTV 225. Interrelationships of programs and audiences. Analysis of audience and program research as well as individual program formats.

425 Broadcast Station Management. (3) A. Prerequisite: RTV 225. Study of the successful operation of radio and television stations. Covers staffing, budgeting, types and sources of programs, equipment evaluation and purchase, public relations, and industry-wide regulatory codes.

440 Survey of Cable TV Industry (3) A. Prerequisites: COM 200 and RTV 395. A study of the cable television industry, including: franchising, programming, local access, marketing, and cable's role and function in society.

480 Broadcasting in the Public Interest. (3) A. Prerequisite: RTV 225. Theoretical course dealing with social, political, legal, and economics influences on American radio and television broadcasting.

490 Advanced Radio Production. (3) A. Prerequisite: RTV 390. Program functions in radio communications, including the planning, production, and direction of more complex programs. Utilizes original ideas and methods in documentary and studio productions.

490 Advanced Television Production (3) I, II. Prerequisites: RTV 360 and 395. Advanced study of television production and directing, combining both studio and field work in the production of standard program formats.

GRADUATE COURSE

730 Sports Information Programs. (3) A.

PUB—Public Relations

349 Cooperative Study: Public Relations. (1-8) A. Prerequisites: junior standing. "B" average in all courses in the Department of Mass Communications, and departmental approval. Work under faculty and field supervisors in cooperative placements related to the student's academic studies. One to eight hours credit per semester or summer. Total credit hours: eight, associate: sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit. May not satisfy major requirements within the department.

375 Public Relations Principles. (3) I, II. Prerequisite: JOU 201 or RTV 375. Survey of public relations, industrial, educational, social, and governmental principles and practices in disseminating internal and external information.

378 Public Relations Practicum. (1) I, II. Prerequisite: PUB 375. Supervised practical experience in a public relations operation. May be retaken to a maximum of three hours.

380 Public Relations Writing. (3) I, II. Prerequisites: JOU 201, PUB 375, and RTV 375. Practice in public relations planning and writing for general and specific publics of organizations, corporations, institutions, and government.

475 Advanced Public Relations. (3) A. Prerequisites: PUB 380 and MFG 211. Planning and writing for print and analysis and broadcast materials used in public relations. Emphasizes public relations management objectives, campaign plans and proposals as well as the development of media projects—e.g., slide-tape presentations and newsletters.

490 Public Relations Campaigns. (3) A. Prerequisites: PUB 475 and COM 320. Application of research, planning, strategies, and evaluations to a public relations campaign. Includes studies of public relations cases and problems.

530 Sports Information Programs. (3) A. Study of the role and function of the sports information director includes public relations techniques applied to sports information: press releases, publications programs, office and staff organization, time utilizations, news media and formats.
DEPARTMENT OF TECHNOLOGY


The Department of Technology prepares technology education teachers for secondary schools, vocational-industrial and technical teachers for secondary and vocational-technical schools, and technologists and technicians for construction and manufacturing industries.

The Bachelor of Science degree in construction technology is a four-year degree designed to prepare students to function in supervisory and management roles in the construction industry. The program provides an understanding of both the technical and management functions in the construction industry. Students also receive a foundation in business organization, mathematics, and the sciences. A student can elect to complete an area major or minor in construction technology.

The four-year area major and first major in technology education are Bachelor of Science degree programs designed to prepare technology education teachers to teach technology education subjects at the middle school or senior high school level.

The two-year and four-year vocational-industrial and technical education degree programs prepare industrial educators who plan to teach industrial education at the preparation level in the high schools, area vocational centers, and state vocational/technical schools in Kentucky. The two-year program is an in-service program leading to the Associate of Science degree, and the four-year program is a pre-service program leading to the Bachelor of Science degree.

The Bachelor of Science degree in manufacturing technology is a four-year degree designed to prepare manufacturing technologists. The degree provides both breadth and depth in technical areas with a foundation in management, mathematics, natural science, social sciences, and communication to prepare the individual to function in a manufacturing environment. A student can elect to complete an area major or minor in manufacturing technology.

The Department of Technology offers several two-year programs designed to prepare technicians for industry. These programs lead to the Associate of Science degree in:

- Computer Aided Drafting Technology
- Computer Electronics Technology
- Quality Assurance Technology

Construction Technology
AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements .......................................................... 54 hours
CON 121, 201, 202, 221, 294, 303, 307, 320, 322, 323, 324, 349 + (six hours), 420, 421, 423, 425, and 426.

Supporting Course Requirements .................................... 41-42 hours
ACC 201, CSC 171, ECO 230, GLY 108, and TEC 161; MAT 109 or 107 and 108; MGT 300 and PHY 131; six hours from Group A; nine hours from Group B, at least three hours of which must be upper division.

Group A - CHE 101 or 111; CSC 172; MAT course(s) above the level of MAT 109; PHY 132; STA 270 or ECO 220 or STA 208/209/210; STA 271.
Group B - ECO 231, 300, ENG 300, GBU 204, INS 370, 376, MGT 320, 330, 410; MKT 200 or 300; RST 310, and 320.

General Education Requirements ..................................... 28 hours
Standard General Education program, excluding course categories 03, 04, 09, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ................................................ 9 hours
ATO 100; eight hours of restricted electives.

Total Curriculum Requirements .................................... 131-132 hours

MINOR IN CONSTRUCTION TECHNOLOGY
Requirements ................................................................. 21 hours
CON 121; 201 or 202; 221, 294, 323, 324, and 421.

Manufacturing Technology
AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements ....................................................... 60 hours
TEC 161, 190, MFG 101, 138, 201, 202, 308, 310, 350, 371, 406, and 408; six hours of upper division EET or MFG electives; 18 hours in one of the following options:
Electronics: EET 251, 252, 258, 352, 355, and 356.
Printing: MFG 211, 316, 316, 318, 319, 412, and 414.
Wood Products Manufacturing: MFG 142, 143, 242, 244, 343, 344, and 445.

Supporting Course Requirements .................................. 30-31 hours
EEO 230, 300, MAT 108, 261 (or six hours of higher level MAT courses), MGT 300, PHY 131, 132, STA 270, and three hours of courses in computer programming. Students with a printing option should substitute CHE 101 for PHY 132.

General Education Requirements ..................................... 28 hours
Standard General Education program, excluding course categories 03, 04, 09, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ................................................ 9 hours
ATO 100; eight hours of restricted electives.

Free Electives (Cooperative Education or Upper Division Courses) .................................................. 4 hours

Total Curriculum Requirements .................................... 131-132 hours

MINOR IN MANUFACTURING TECHNOLOGY
Requirements ................................................................. 21 hours
TEC 190, MFG 138, 201, 202+, 308, and six hours of MFG upper division electives.
+ STA 270, Gen. Ed. 03, is a prerequisite for MFG 202.

Technology Education (Teaching)
AREA MAJOR (BACHELOR OF SCIENCE)

Major Requirements ....................................................... 48 hours
CON 121, EET 251, MFG 101, 138, 195, 211, TEC 161, 190, TTE 163, 233, 462, and 465; 12 hours in one of the following options:
**Technology Education (Teaching)**

**FIRST MAJOR (BACHELOR OF SCIENCE)**

**Major Requirements** ........................................... 36 hours
EET 251, MFG 195, 211, 371; MFG 352 or TEC 349; TEC 161, 190, TTE 163, 233, 461, 462, and 465.

**Supporting Course Requirements** .......................... 21-22 hours
CSC 171, 172, TTE 261, 361, MAT 107, and PHY 131, 132 or CHE 101, 102.

**Teacher Education Requirements** ............................ 31 hours
EDF 102, 202, 317, EMG 447, EPY 318, ESE 452, 498, and 499.

**General Education Requirements** ............................ 31 hours
Standard General Education program, excluding course categories 03, 04, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

**University Requirements** ..................................... 9 hours
ATO 100; eight hours of restricted electives.

**Total Curriculum Requirements** ............................ 146-147 hours
A graduate of the above program shall have a minimum of 1,000 hours of work experience related to the goals of teacher preparation in technology education or a minimum of 320 hours of supervised work experience (TEC 349). Students must also take the National Teachers Examination (NTE) before graduation.

**Vocational-Industrial and Technical Education (Teaching) + AREA MAJOR (BACHELOR OF SCIENCE)**

**Major Requirements** ........................................... 69 hours
Professional Industrial Education ............................. 21 hours
TTE 261, 361, VIT 364, and 463.

Technical Industrial Education ................................. 48 hours
TEC 161 and 45 semester hours of technical courses to be chosen in consultation with an advisor. A maximum of 18 semester hours may be allowed by proficiency examination (VIT 204, 205, 206, 304, 305, and 306). Nine semester hours, maximum, may be allowed for supervised work experience (TEC 349).

**Supporting Course Requirements** ............................ 9 hours
EDF 317, EPY 318**, and three hours of general education mathematics.

**General Education Requirements** ............................ 43 hours
Standard General Education program, excluding course categories 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

**University Requirements** ..................................... 9 hours
ATO 100; six hours of restricted electives.

**Total Curriculum Requirements** ............................ 130 hours
Graduates of this program must have a minimum of 2,000 clock hours of planned and supervised work experience in the occupation in which they will teach or a minimum of three years of approved work experience in the occupation in which they will teach. Students must also take the National Teachers Examination (NTE) before graduation.

**Computer Aided Drafting ASSOCIATE OF SCIENCE**

**Major Requirements** ........................................... 36 hours
TEC 161, 190, 391, MFG 138, 192, 195, 201, 291, 383, 392, 393, and 397.

**Supporting Course Requirements** ............................ 31 hours
ATO 100*, ECO 230*, six hours of English Composition*, CSC 171, 172, MAT 107*, 108, PHY 131, three hours of General Education humanities*, and four hours restricted electives.

**Total Curriculum Requirements** ............................ 67 hours

**Computer Electronics Technology ASSOCIATE OF SCIENCE**

**Major Requirements** ........................................... 36 hours

**Supporting Course Requirements** ............................ 29 hours
ATO 100*, CSC 171, six hours of English Composition*, MAT 107*, 108, PHY 131*, three hours of general education humanities*, three hours of general education social science*, and four hours restricted elective.

**Total Curriculum Requirements** ............................ 65 hours

**Quality Assurance Technology ASSOCIATE OF SCIENCE**

**Major Requirements** ........................................... 33 hours

**Supporting Course Requirements** ............................ 32 hours
ATO 100*, CSC 171, six hours of English Composition*, MAT 107*, 108, PHY 131, STA 270, three hours of general education humanities*, three hours of general education social science*, and four hours restricted electives.

**Total Curriculum Requirements** ............................ 65 hours
Vocational-Industrial and Technical Education (Teaching)
ASSOCIATE OF SCIENCE

Enrollment in this program is restricted to in-service vocational-
industrial teachers and graduates of a Kentucky State Vocational
Technical School post-secondary program.

Major Requirements ..................................................... 24 hours
Tec 161 and 21 semester hours chosen from the technical
area, or related to the area, in which the individual proposes
to teach, as approved by the advisor. Graduates of this program
must have a minimum of 4,000 hours of supervised work
experience or four years of occupational experience in the area
to be taught. Nine semester hours maximum may be allowed
by proficiency examination (vit 204, 205, and 206). Nine semester
hours may be supervised work experience (tec 349).

Supporting Course Requirements ................................. 42 hours
Ato 100, six hours of English Composition*, Tte 261, vit 264, 364, 483**, three hours of general education mathematics*, three hours of general education humanities*, three hours of general education social science*, and five hours restricted electives.

Total Curriculum Requirements ................................. 66 hours
**In-service teachers should substitute VIT 263, 469, three hours of professional elective, and sed 388 or Edf 317 for vit 483.

CON—Construction Technology

121 Introduction to Construction. (3) I, II. A survey of the construction industry.
Nature, scope, and general characteristics of the industry. Careers in construction.

201 Materials and Methods of Construction I. (3) I, II. Formerly Con 301
Prerequisite or Corequisite: Con 121. Composition, manufacture, types, and grades
of construction materials and building products with an emphasis on concrete,
masonry, glass, roofing, and finishing materials. Materials involved in the use of these
materials in the construction of buildings. 2 Lec/3 Lab.

202 Materials and Methods of Construction II. (3) I, II. Formerly Con 302.
Prerequisite or Corequisite: Con 121. Composition, manufacture, types and grades
of construction materials and building products with an emphasis on concrete,
masonry, glass, roofing, and finishing materials. Materials involved in the use of these
materials in the construction of buildings. 2 Lec/3 Lab.

221 Plane Surveying. (3) I. Prerequisite: Mat 109 or 107 and 108. Principles of
surveying, including techniques, field practice, and calculations. Introduction to the
general use and care of surveying instruments. 2 Lec/3 Lab.

294 Construction Graphics. (3) A. Basic principles of residential and small
commercial planning; styles of architecture; a comparative study of structural sys-
tems and the preparation of working drawings. 3 Lec/3 Lab.

300 Construction Materials. (3) A. Composition, manufacture, properties, types,
grades, and uses of common construction materials and products.

303 Statics and Strength of Materials. (3) II. Formerly Con 222. Prerequisites:
Mat 109 or 107 and 108; PHY 131. A study of loads and forces and their effects
when acting on rigid bodies and structures at rest. The computation of equilibrium
reactions, internal forces, shear, moments, couples, friction, stress, strain, deforma-
tion, and torsion. Finding centroids and moments of inertia of areas.

307 Foundation Construction. (3) II. Prerequisites: Mat 109 or 107 and 108;
Con 303. A study of soil mechanics as it relates to foundation construction. Topics
include soil classification, engineering properties, compaction testing, types of foun-
dation systems, and methods of foundation construction.

320 Construction Surveying. (3) I, II. Prerequisite: Con 221. The application of
surveying skills as they relate to horizontal and vertical control on construction
projects. Activities include building layout, centerline staking, earthwork computa-
tions, and slope staking. The use of electronic instruments is emphasized. 2 Lec/3 Lab.

321 Construction Methods. (3) A. Basic types of construction: wood-frame, heavy
timber, reinforced concrete, and structural steel. Laboratory activities related to
specific techniques involved with each type of construction. 2 Lec/3 Lab.

322 Construction Structural Design. (3) I. Prerequisite: Con 303. A study of the
design of beams and columns using steel and wood. Principles of structural design
related to the design of temporary structures on the construction site.

323 Estimating I. (3) I. Prerequisites: Con 201 or 202; 294, and Mat 109 or 107
and 108. A study of the materials and labor required in the construction of residential
and light commercial projects. Experience is gained in reading plans, calculating
work quantities, and listing work items in a standardized format. 2 Lec/3 Lab.

324 Mechanical Electrical Systems. (3) II. Prerequisites: Con 294 and 323. A
study of plumbing, heating, air-conditioning, electrical power distribution, and
lighting for residential and commercial buildings. Heat loss and heat gain calculations. Basic
fundamentals of water supply, waste drainage, and electrical circuits.

349 Cooperative Study: Construction Technology. (1-8) A. Prerequisites: 30
semester hours of credit with a 2.0 grade point average and departmental approval.
Work under faculty and field supervisors in placements related to construction
technology. One to eight hours credit per semester or summer. Total hours: eight,
associate: sixteen, baccalaureate. A minimum of 80 hours work required for each
academic credit.

368 Seminar in Construction. (1-4) A. Presentation of construction technology
topics of a timely or specialized nature in a seminar format. May be retained
provided the topics are different.

401 Special Problems in Construction Technology. (1-3). A. An independent
study course for exceptional upper division undergraduate students. A study propos-
al will be developed by the student and approved by the faculty supervisor and
department chair prior to enrollment. May be retained provided the topic of study is
different.

420 Value Engineering. (3) I. Prerequisites: Mat 109 or 107 and 108; Eco 230.
A systematic application of engineering economy. Engineering design and availability
of materials and construction methods are carefully investigated. A consideration of
first costs, operating and maintenance costs, service life, and replacement costs. VE
incentives in government contracts are studied.

421 Contracts and Bidding. (3) I. Prerequisite: Con 323. Contract documents
and specifications and their impact on a contractor’s bid. Activities include exercises
in which the costs of general conditions, special conditions, bonds, and other
contractual requirements are determined during a bid compilation.

423 Estimating II. (3) I. Prerequisite: Con 323. Construction projects of moderate
complexity are divided into work packages, followed by calculation of work quantities.
Standard cost books are utilized to develop prices for labor, materials, subcontracts,
equipment, and overhead. Emphasis is placed on the use of spreadsheets and
estimating software.

425 Project Organization and Supervision. (3) II. Prerequisites: Mgt 300 and
Con 421. Business policies and problems in relation to construction enterprises.
Contractor’s organization, financial management, project management, and
material economics.

428 Cost Control and Scheduling. (3) II. Prerequisites: Acc 201, Con 423,
and TEC 161. Prerequisite or Corequisite: Con 425. A study of the planning and control
of construction costs and activities. Topics include cost accounting, monthly job cost
reports, cash flow, critical path method scheduling, and progress monitoring.

EET—Electricity and Electronics Technology

251 Electricity and Electronics. (3) I. Principles of basic electricity and AC-DC
circuit analysis. Emphasis on electrical and electronic circuits and applications. This
is a mathematically-oriented course. 2 Lec/3 Lab.

252 Digital Circuits. (3) I. A survey of digital and microprocessor fundamentals
and applications. Gates, counters, decoders, displays, converters, microprocessors,
memory systems, I/O devices, and microcomputer systems are covered in a combina-
tion of lecture, demonstration, and laboratory. 2 Lec/3 Lab.

253 Microprocessor Systems. (3) I. Formerly Iet 456. The operation and
application of the eight-bit microprocessor in desktop and process control systems.
Data, address, and control signals; memory expansion; digital and analog input
and output ports; power control interface, and data communications are covered in the
laboratory. 2 Lec/3 Lab.

254 Machine Language for Microcontrollers. (3) A. Formerly Iet 354. Prerequi-
tive: Csc 171 or Csc 174. Machine language programming for rom based 8 and
16 bit microprocessor-industrial controllers. Emphasis on software manipulation
of I/O control devices in real-time, interrupt driven, process control environments.
2 Lec/3 Lab.

257 Electronic Circuits and Devices. (3) II. Formerly Iet 357. Prerequisite:
Eet 251. A technical analysis of the characteristics of solid state devices and the
common circuits that utilize these devices. Emphasis on problem solving supplemented
delay of laboratory analysis of electronic circuits and devices. 2 Lec/3 Lab.

258 Linear Electronic Circuits. (3) A. Prerequisite: Eet 251. An analysis of
electronic control circuits and devices to include both linear and nonlinear amplifiers.
2 Lec/3 Lab.

Principles of timing, power control circuitry, transducers, and programmable control-
ners in commercial and industrial applications. 2 Lec/3 Lab.

351 Industrial Electronics II. (3) II. Formerly Iet 452. Prerequisite: Eet 258.
Applications of industrial control circuitry, optoelectronics, thermal devices, transduc-
ers, and the maintenance and repair of electronic systems. 2 Lec/3 Lab.

352 Electrical Power Technology. (3) A. Prerequisite: Eet 251. The production,
distribution, measurement, and control of electrical power systems; single phase
and three-phase systems, transformers, electrical machinery, and lighting systems. 2 Lec/3 Lab.

354 Microcomputer Electronics. (3) I, II. Formerly Iet 458. Prerequisites: Eet
253 and 254. System considerations involved in implementing memory and input
output maps, clock and reset circuits, bus controllers, and disk drive controllers.
Several microcomputer systems are built in the laboratory. 2 Lec/3 Lab.
MFG—Manufacturing


138 Industrial Materials. (I, II) Formerly IET 238. Structure, composition, properties, and common industrial applications of metals, plastics, woods, composites, ceramics, and other materials. Use of common testing machines for standard materials testing. 2 Lec/3 Lab.

142 Basic Wood Processing. (A) Formerly IET 142. Manufacturing processes involved in the production of lumber, plywood, and other primary wood products; furniture, cabinets, millwork, and other secondary wood products. Laboratory activity includes instruction in the use of basic woodworking tools and machines, and the production of a small piece of furniture. 2 Lec/3 Lab.

143 Wood Products Industry Exploration. (A) Formerly IET 143. Independent exploration of the wood products industry through on-site visitation, observation, and interviews. Each student identifies three different production areas and completes a summary of those areas. 2 Lec/3 Lab.

192 Descriptive Geometry. (I) Formerly IET 395. Prerequisite: TEC 190. Application of the theory of orthographic projection to the graphical representation and solution of three-dimensional problems. 2 Lec Lab.

195 Computer Aided Drafting. (I) Formerly IET 195. Prerequisite: TEC 190. A study of the development of computer aided drafting (CAD) and CAD components, fundamentals, drawing and desk commands, input/output devices, and industry applications. The principles of orthographic projection to include auxiliary projection, sections and views, size description, and two and one-half dimension representations. 2 Lec Lab.

201 Manufacturing Processes. (I, II) Prerequisite: MFG 138. Introduction to manufacturing processes involving metallic, polymeric, and ceramic materials. Familiarity of processes covered are casting, molding, forming, separating, conditioning, assembling, and handling. 2 Lec/3 Lab.

202 Quality Control. (I, II) Formerly IET 302. Prerequisite: STA 270. Basic concepts of statistical quality control as applied to manufacturing operations. Topics include control charts, acceptance sampling, product reliability, quality costs, and quality planning.

211 Introduction to Printing. (A) Formerly IET 311. An overview of the printing processes including offset lithography, gravure, relief, and screen printing. Typographic, image assembly, process photography, image carriers, and image transfer will be emphasized throughout the course.

220 Design for Manufacturability. (A) Prerequisite: TEC 190. The fundamental concepts of designing for manufacturing. Topics will include early manufacturing involvement, key design considerations and their influence on manufacturability, designing for automated and robot assembly, and the analysis of various designs.

232 Fundamentals of Manufacturing. (I) Prerequisite: MFG 142. Principles of furniture and cabinet construction, elements of structural design, advanced woodwork operations; care and sharpening of tools; related technical information; furniture and cabinet construction and finishing. 2 Lec Lab.

244 Wood and Wood Products Technology. (A) Formerly IET 244. Structure, identification, and properties of wood; wood deterioration; wood seasoning; properties and uses of selected wood products. 2 Lec Lab.

291 3D Computer Aided Design. (A) Prerequisite: MFG 195. The use of computer aided design software for the creation of a three-dimensional database for describing mechanical products. Emphasis is on the use of solids modeling software. 2 Lec Lab.

308 Methods Efficiency Measurement. (I, II) Formerly IET 308. An examination of the human factors in motion and time study, motion economy, analysis and charts, photographic and electronic techniques, film analysis, effort rating, work measurement, direct time study, predetermined time study, and standards for pay and production.

310 Computer Communications Industry. (I, II) Prerequisites: ENG 102, TEC 181, and 190. A conceptual approach to computer aided communication systems typically applied in industrial environments. Emphasis will be placed on utilizing computer technology to integrate text and graphics in the preparation of documents and presentation materials.

313 Inputs and Substrates. (A) Prerequisite: MFG 211. An in-depth study of inks and substrates. Topics include ink formulation, properties, problems and solutions, paper manufacture, types, applications and characteristics. 2 Lec Lab.

316 Graphic Arts Photography. (A) Formerly IET 316. Prerequisite: MFG 211. An in-depth study and practice in the production of line, halftone, and special effects photography. High-speed techniques and digital imaging processes are studied including standards and sensometry as a tool of quality control. 2 Lec Lab.

318 Color Theory and Separation. (A) Formerly IET 411. Prerequisite: MFG 316. A study of the methods of color separation and the theory of additive and subtractive color as utilized in the printing industry. 2 Lec Lab.

319 Image Assembly and Plate Making. (A) Prerequisite: MFG 316. An in-depth study of the tools and techniques of the pre-press industry. Includes computer assembly and plate making processes utilized in the printing industry. 2 Lec Lab.

320 Plant Material Control. (A) Prerequisite: MFG 202 and 308. A laboratory course which examines basic plant layout configurations and material flow. A critical evaluation of the application of computers to control material flow plus computer simulation to analyze various options for shop floor scheduling and tracking. 2 Lec Lab.

330 Metrology and Inspection. (A) Prerequisite: MAT 108. A laboratory course on the fundamental principles, standards, equipment, and techniques of precision measurement. Emphasis on accuracy, precision and reliability in mechanical measurements. 2 Lec Lab.

332 Process Control. (A) Prerequisite: MFG 202. An in-depth study of the application of control charts to manufacturing processes. Topics include statistical process control; process capability; and control charts for continuous and discrete data. 2 Lec Lab.

334 Quality Sampling Practices. (A) Prerequisite: MFG 202. An in-depth study of the application of sampling theory to attributes and variables acceptance sampling in a manufacturing environment. Topics include various sampling plans and standard tables, and sampling accuracy and limitations. 2 Lec Lab.

336 Reliability. (A) Prerequisite: MFG 202. An overview of reliability theory and testing, including component and system reliability, sampling plans and control charts, maintainability and availability, product safety and liability, and reliability management.

339 Plastic Materials and Processes. (A) Formerly IET 239. Prerequisites: MFG 138 and 201. A survey of plastic materials, processing techniques, design considerations, and recycling trends currently used in manufacturing. 2 Lec Lab.

343 Industrial Finishing. (A) Formerly IET 343. Prerequisite: MFG 244. Materials and methods of industrial finishing, new finishing methods, including robotic applications, material handling, practice in the application of spray finishes. 2 Lec Lab.

344 Furniture Production. (A) Formerly IET 344. Prerequisites: MFG 202 and 242. A study of the equipment and processes used in the manufacture of furniture, production planning, prototype construction, and production operations. The choice of materials, processes, and equipment needed to mass-produce a piece of furniture. 2 Lec Lab.

349 Electronics in Industry. (I, II) PHY 192. A survey of electronic devices and systems currently used in industry. Discrete devices include amplifying and switching elements, diodes, transistors, integrated circuits, and microprocessors. Topics include digital logic design, interfacing devices, sensors, data entry and bar coding, motors, and analog-to-digital converters. 2 Lec Lab.


382 Machine Tool Processes. (A) Formerly IET 382. Prerequisites: MFG 138 and 201. A laboratory course involving turning, drilling, sewing, milling, grinding, and precision layout and measuring. Activities include the making of tools, the setup of CNC equipment, and the machining of a simple part. 2 Lec Lab.

383 CAD/CAM Integration. (A) Prerequisite: MFG 138 and 201. The use of computer application software to link data bases created with computer aided design software to computer numerical controlled machine tools. 2 Lec Lab.


393 Dimensioning and Tolerancing. (A) Prerequisite: MFG 392. Advanced machine drawing applications to include detail drawings, with heavy emphasis on geometric dimensioning and tolerancing. 2 Lec Lab.

397 Advanced Machine Drawing. (A) Prerequisite: MFG 392. Advanced machine drawing applications to include detail and assembly drawings, threads and fasteners, gear and cams. Emphasis on shape description. 2 Lec Lab.

406 Manufacturing Planning Systems. (I, II) Formerly IET 406. Prerequisites: MFG 202, 308, and MGT 300. A senior project course which examines consumer needs, design, production, planning and control, production estimating and resource allocation, production and quality standards, planning and controlling production, and quality.

408 Human Resource Development. (I, II) Formerly IET 408. Topics in human relations and production management. To be scheduled the semester before graduation.

410 Flexographic and Gravure Printing. (A) Prerequisite: MFG 319. An in-depth study of the gravure and flexographic printing processes. Emphasis will be given to the printed product: image carrier preparation, press systems and mechanics, inks, substrates, and colors. 2 Lec Lab.

412 Presswork and Finishing. (A) Prerequisite: MFG 319. The functions, materials, and procedures of the offset printing press. Finishing operations include folding, collating, stitching, cutting, perforating, die-cutting, and drilling. 2 Lec Lab.

414 Printing Estimating and Costs. (A) Formerly IET 317. Prerequisites: MFG 318 and 412. Methods and procedures of predetermining costs of printed products. The determination of equipment hourly rates and depreciation, cost centers, and equipment purchase decisions will be discussed with emphasis on computer related operations.

420 Integrated Systems. (A) Prerequisites: MFG 220, 320, 352, and 382. A laboratory course that utilizes computer technology to manage and control a flexible
manufacturing system. Emphasis will be placed on workplace layout, robot and CNC equipment networking, application software, and the development of a flexible manufacturing system project proposal. 2 Lec/3 Lab.

428 CIM Project Implementation. (3) A. Prerequisite: MFG 422. A capstone course in which the students will be expected to apply the concepts and information gained in previous CIM specialty courses. Emphasis will be placed on the completion of a major CIM project by a team of students. 2 Lec/3 Lab.

430 Manufacturing Experiment Design. (3) A. Prerequisites: MFG 332 and 334. Principles and practices of efficient experiment design for industry. Topics include the philosophy of experiment design, comparison of various designs, hypothesis testing, and the analysis of data.

432 Quality Management. (3) A. Prerequisites: MFG 332 and 334. The management of product quality in manufacturing operations. Topics include Deming’s Fourteen Points for achieving quality, quality costs, quality function deployment, and Crosby’s Fourteen Steps to quality improvement.


805 Industrial Operations Research. (3) A. Formerly IET 450. A capstone course that will explore the various elements of design as they relate to creative problem solving applied to realistic industrial design situations. Emphasis will be placed on team work and group efforts. 2 Lec/3 Lab.

GRADUATE COURSES

801 Seminar in Emerging Technology. (3) A.

802 Productivity Assessment and Analysis. (3) A.

803 Reliability Testing and Metrology. (3) A.

804 Technology Systems Design and Management. (3) A.

805 Industrial Operations Research. (3) A.

821 Manufacturing Technology Project. (3-6) A.

822 Manufacturing Internship. (3-6) A.

867 Research in Manufacturing Technology. (3) A.

TTE—Technology Teacher Education

163 Production Processes. (3) A. A study of the use of basic tools and machines, to include hand tools and portable power tools. Skills, care and safety will be stressed. Students will complete a series of exercises that will cause them to demonstrate their skills and knowledge. 2 Lec/3 Lab.

233 Problem Solving and Design. (3) A. Formerly IET 233. Prerequisites: TEC 190 and TTE 163. Study and application of the principles of three-dimensional design related to various media, emphasis on experimentation and problem solving in developing and construction design solutions. Technical illustration techniques to include pencil rendering, ink delineation, and other methods. 2 Lec/3 Lab.

261 Foundations of Industrial Education. (3) A. Formerly IET 261. A study of the historical, philosophical, economical, sociological, and psychological foundations of industrial education related to elementary, secondary, and post-secondary industrial education.

361 Course Materials in Technology Education. (3) A. Formerly IET 361. The preparation of instructional materials and instructional techniques, including the development and use of visual aids. The content will include the development of curricula at appropriate levels of industrial education and appropriate laboratory activities.

461 Communication Systems. (3) A. Formerly IET 461 Prerequisites: EET 251 and TTE 361. A course for the technology education teacher related to the communication industry and related occupations. The content will include the concepts and principles of communication systems and the impact of this industry on society. 2 Lec/3 Lab.

462 Manufacturing. (3) A. Formerly IET 462. Prerequisites: TTE 163 and 361. A course for the technology education teacher related to the occupations, materials, processes, and tools found in manufacturing industries. Laboratory sessions include designing, operation, and management of a simulated manufacturing activity 2 Lec/3 Lab.

464 Transportation and Power. (3) A. Formerly IET 464 Prerequisites: TTE 361 and MFG 371. A course for the technology education teacher related to the transportation and power industry to include related occupations. The content will include power mechanics, electrical theory and power, and fluid power, as these relate to the industry 2 Lec/3 Lab.

465 Construction. (3) A. Formerly IET 465. Prerequisites: TTE 163 and 361. A course for the technology education teacher related to the construction industry, its occupations, and its function in today’s economy. The content will include activities in basic carpentry, electrical wiring, plumbing, masonry, and structural building techniques. 2 Lec/3 Lab.

589 Characterisitics and Maintenance of Tools and Machines. (3) A. Formerly IET 589. Prerequisite: TTE 163. The characteristics, preventive maintenance, trouble shooting, and repair of tools and machines. 2 Lec/3 Lab.

GRADUATE COURSES

789 Characteristics and Maintenance of Tools and Machines. (3) A.

852 Philosophy of the Practical Arts and Vocational Education. (3) II.

864 Technical Education Facility Planning. (3) A.

394 Architectural Drawing I. (3) II, Formerly IET 394. Prerequisite: TEC 190. Basic principles of house planning, styles of home architecture, comparative study of building materials, preparation of a complete set of plans and specifications for a small home.

395 Architectural Drawing II. (3) II, Formerly IET 466. Prerequisite: TEC 394 Consideration of both residential and commercial buildings with an emphasis on structural design, building methods and materials, mechanical systems, and site planning. Preparation of a complete set of plans for a small commercial building.

501 Special Problems in Technology. (2-6) I, II. Formerly IET 501. An independent study course for exceptional upper division undergraduate students. Students must have the independent study proposal form approved by the faculty supervisor and department chair prior to enrollment. May be retaken provided the topic of study is different.

533 Workshop in Technology. (1-4) A. Formerly IET 533. Presentation of technology topics of a timely or specialized nature in a workshop format. May be retaken if the topics are different.

701 Special Problems in Technology. (2-6) I, II.

733 Workshop in Technology. (1-4) A.

830 Creative Problem Solving. (3) A.

899 Thesis I. (3) A.

899 Thesis II. (3) A.

878 Characteristics and Maintenance of Tools and Machines. (3) A.

852 Philosophy of the Practical Arts and Vocational Education. (3) II.

864 Technical Education Facility Planning. (3) A.
VIT—Vocational Industrial Teaching

164 Orientation to Vocational Teaching. (1-3) A. Formerly IET 164. Instruction of new vocational teachers in areas of principles of instruction, lesson planning, oral instruction, instructional aids, demonstrations, evaluation and follow-up. Satisfactory-unsatisfactory grading. May not be retaken.

203 Staff Exchange. (2-6) A. Formerly IET 203. For in-service vocational teachers enrolled in an approved staff exchange program designed to update technical skills and knowledge in an industrial setting. First week of exchange is equal to two semester hours of credit with one additional hour of credit for each additional week. Satisfactory-unsatisfactory grading.

204 Related Science, Mathematics, and Technology in Occupations I. (3) A. Formerly IET 204. Offered only through written examination; applicant must be eligible for vocational teaching certificate.

205 Manipulative Skills in Occupations I. (3) A. Formerly IET 205. Offered only through technical competence examination; applicant must be eligible for vocational teaching certificate.

206 Related Knowledge: Occupations I. (3) A. Formerly IET 206. Offered only through written examination; applicant must be eligible for vocational teaching certificate.

284 Instructional Materials. (3) A. Formerly IET 284. Selection and arrangement of teaching content; preparation of assignments, operation and information sheets; development of instructional techniques and general curriculum at appropriate levels of industrial education.

304 Related Science, Mathematics, and Technology in Occupations. (3) A. Formerly IET 304. Offered only through written examination; applicant must be eligible for vocational teaching certificate.

305 Manipulative Skills in Occupations II. (3) A. Formerly IET 305. Offered only through technical competence examination; applicant must be eligible for vocational teaching certificate.

306 Related Knowledge: Occupations II. (3) A. Formerly IET 306. Offered only through written examinations; applicant must be eligible for vocational teaching certificate.

363 Evaluation in Vocational and Technical Education. (3) A. Formerly IET 363. Methods of evaluation, preparation of grading devices, methods of assessing technical competency; interpretation of standardized test results; statistical analysis of test data and the improvement of instruction.

364 Methods in Vocational-Industrial and Technical Education. (3) A. Formerly IET 364. Presentation and application of instructional materials, methods, techniques and devices relevant to teaching vocational-industrial and technical subjects.

463 Student Teaching: Vocational Industrial Education. (12) A. Formerly IET 463. Observation, participation, and supervised teaching in vocational-industrial and technical education. Includes experience in lesson planning, classroom management, record keeping, development and use of instructional materials, and directed teaching in approved centers. Students are graded on satisfactory-unsatisfactory basis.

469 Seminar in Teaching Industrial Education. (4) A. Formerly IET 469. A seminar in lieu of student teaching at the appropriate level, designed to provide additional experience for students who have completed four years of successful teaching experience or for students who have completed the dual certification.

503 New Developments in Industry. (1-6) A. Formerly IET 503. Concurrent enrollment in approved industry sponsored course. One semester hour credit for each week of enrollment (minimum of 20 class hours per week). Student required to present proof of completion and to be developing a teaching unit on the new development. May be retaken provided the industry sponsored school is different. Graded on satisfactory-unsatisfactory basis.

504 Industrial Education Staff Exchange. (2-6) A. Formerly IET 504. For in-service teachers enrolled in a staff exchange program designed to update technical skills in a proper industrial setting. Written reports are required. First week of exchange is equal to two semester hours of credit with one additional hour of credit for each additional week. May be retaken provided the industrial setting is different. Satisfactory-unsatisfactory grading.


AVIATION

W. Walker, Coordinator, Hememier.

The Aviation Program curriculum provides students the opportunity to acquire FAA certification as private, instrument, and commercial pilots. The basic courses are taken at the university with flight training provided in fixed-wing, single-engine aircraft under contractual agreement with the local airport's fixed base operator. The certification courses plus an additional nine academic hours make it possible for a student to minor in aviation. Other aviation courses and two baccalaureate degree aviation programs (aviation administration and aircraft professional pilot) have been approved through appropriate university channels. Final approval for implementation of the majors is pending as the Council on Higher Education must approve the degree program.

The present and future course offerings should enhance the student's occupational opportunities in aviation and aviation-related industries as well as provide support for degrees in varying technical and business fields.

All aviation courses may be taken as free or restricted electives.

MINOR IN AVIATION

Minor Requirements ........................................................................19 hours


FEES

Fees are attached to most certification AVN courses (192, 192A, 220, 220A, and 300A). The ground course fees include the cost of all books and supplies as well as a fee for taking the FAA written examination. The flight course fee for private pilot includes the total cost of FAA required flight—dual and solo (approximately 44 hours), plus a medical examination by an Aviation Medical Examiner, and the fee charged for the FAA final flight examination. Other flight course fees represent flight time necessary to complete these courses for academic credit, but may or may not provide students with the appropriate FAA certification.

Course Descriptions

AVN—Aviation

150 Elements of Aviation. (3) A. An introductory course specifically designed for students to obtain a broad understanding of the aviation world including varying aspects of space exploration. Includes a study of aviation history and the general aviation environment.

192 Private Pilot: Ground. (3) A. An introduction to flying designed to provide all aeronautical information necessary to successfully complete the FAA written examination for private pilots. An integrated lecture and laboratory effort in which simulators and actual aircraft are used.

192A Private Pilot: Flight. (1) A. Prerequisite or Corequisite: AVN 192 or special approval. This course consists of all dual and solo flight hours and experiences required for the private pilot certification with the Federal Aviation Administration.

201-202-203-204-205 Intermediate Supervised Flight I, II, III, IV, V. (5 each) A. These courses are designed to permit students holding the private pilot license (AVN 192A) to accrue additional supervised flight time. These courses include approximately 12 flight hours each.

220 Instrument Pilot: Ground. (3) A. Prerequisites: AVN 192 and 192A or equivalents. This course is designed to be integrated with AVN 220A and includes studies of aircraft operations under instrument conditions inclusive of the rules and regulations governing non-visual flight.

220A Instrument Pilot: Flight. (1) A. Prerequisites: AVN 192, 220, and a minimum of 90 flight hours inclusive of a private pilot license (AVN 192A), or coordinator approval. A laboratory course integrated with AVN 220.
II. Advanced Supervised Flight I, II, (5 each) A. Prerequisites: AVN 192, 192A, 220, and 220A or equivalent. These courses are designed to permit students to acquire additional supervised flight time. These courses include approximately 12 flight hours each.

II. Advanced Supervised Flight III, (3) A. Prerequisites: private pilot license and instrument rating (or equivalents). A laboratory course designed to permit students in sequence flight time leading toward acquisition of a FAA Commercial Rating. The course requires 12 hours of flight in a high performance aircraft.

II. Advanced Supervised Flight IV, (3) A. Prerequisites: private pilot license and instrument rating (or equivalents). The course consists of instructing and emphasizing airplane operating procedures, proper airplane flight control, air and ground safety, traffic control procedures, commercial flight maneuvers, national airspace system, terminal and enroute charts, navigation procedures and communications.

300A Commercial Pilot: Flight. (1) A. Formerly AVN 250. Prerequisites: AVN 192, 192A, 220, and 300, and a minimum of 200 flight hours inclusive of a private pilot license (AVN 192A); or coordinator approval. A one semester hour laboratory course taught with AVN 300. The course consists of all or part of the dual and solo flight hours required for FAA commercial pilot certification.

310 CFII-Airplane. (5) I, II. Prerequisites: appropriate flight credentials. A study of basic information including fundamentals of teaching and learning (including effective teaching methods), aerodynamics helpful to flight instruction, and flight instructor responsibilities. The course consists of all dual and solo flight hours required for FAA flight instructor pilot certification.

315 Flight Safety. (3) I. A presentation and analysis of factors and procedures relating to aviation safety inclusive of techniques for accident prevention, development of safety programs, procedures used in accident investigation, and the human factors involved.

320 CFII-Instruments. (3) I, II. Prerequisites: appropriate flight credentials. A study of aeronautical information and instructional background necessary for becoming instrument flight instructors. Included in the course is teaching methodology, instrument flight procedures as well as experience in the performance of conducting instrument flight instruction.

325 Advanced Aircraft Systems. (3) I, II. A study of electrical, mechanical and hydraulic systems, design and performance standards, capabilities and limitations, and conformance to FAA specifications.

335 Weather Reporting/Analysis. (3) I, II. A comprehensive analysis of weather conditions and patterns as they apply to flight.

349 Cooperative Study: Aviation. (1-8) A. Prerequisite: coordinator approval. Work under faculty and field supervisors in placements related to academic studies. One to eight credit hours per semester or during the summer session. A minimum of 80 hours work required for each academic credit.

350 Air Transportation. (3) I, II. A survey of the historical development of the air transportation system covering facilities, impact of regulations, problems encountered, and future requirements.

360 Problems in Aviation Administration. (3) I, II. Designed for utilization of aviation industry case studies to introduce the techniques, methods, and procedures for problem solving.

370 Techniques: Aviation Supervisors. (3) I, II. A study of effective personnel management utilization through application to practical situations in the aviation industry.

390 Aviation Administration Decision Making. (2) I, II. A study of decision theory and its application to aviation administration decision-making and problem solving processes.

400 Multi-Engine Pilot. (1) I, II. Prerequisites: appropriate flight credits. A one semester hour laboratory course inclusive of aeronautical information necessary to operate multi-engine aircraft including dual and solo flight hours required for FAA certification.

410 Air Traffic Control. (3) I, II. A study of the national air traffic control system with emphasis on basic air traffic control procedures; the role of centers, approach control, towers, and flight service centers; communications; navigation procedures, radar operations, facilities.

420 CFII Multi Engine. (3) A. Prerequisite: appropriate flight credentials. Principles and methodology of teaching multi-engine flight and includes ground and flight instruction required by the FAA in preparation for a flight instructor multi-engine rating.

425 Advanced Aerodynamics. (3) A. Prerequisites: PHYS 131 and 132. Advanced theories of flight and flight factors as well as advanced principles of performance.

450 Aviation Administration. (3) I, II. Prerequisites: AVN 150 or 192. A study of guidelines for aviation management and administrative functions including problems, trends, and planning regarding operation of airports.

460 Aviation Legislation. (3) I, II. Prerequisites: AVN 150 or AVN 192 or coordinator approval. A study of civil law as it pertains to aviation and the historical development of United States and international aviation law while surveying governmental responsibility for aviation accidents.

470 National Air Space System. (3) I, II. An overview of the National Air Space System with emphasis on problems of implementation, safety considerations, and social/economic impact.

DEPARTMENT OF MILITARY SCIENCE

D. Reimold, Chair; Begley, Cowell, Lewis, Malone, Morin, Olsen, Roberson, Story, Vaughn.

The mission of Eastern Kentucky University's Army ROTC Department is to commission the future officer leadership of the United States Army. This is accomplished by providing a means for college students to pursue an Army commission as a second lieutenant while achieving their academic goals in their chosen field of study. Students may enroll in the first two years (MIL 100-200 level courses) of Army ROTC without obligation to the military. These students gain an appreciation of the roles and missions of our national defense structure as well as military history. These courses also count as restrictive elective credit, applicable to any major on-campus. Students whose future employment goals may require leadership or managerial skills, those with an interest in our national defense structure, or those who wish to explore the benefits of a career in the U.S. Army Reserves, National Guard, or regular service are encouraged to take the introductory courses. Students who desire to receive a commission must contract to complete the advanced courses (MIL 300-400 level courses) and ROTC Advanced Camp before commissioning.

A two-hour leadership lab is held each week and is required for all registered MIL 203, 301, 302, 401, and 402 students. A 60 minute physical training lab is held three times weekly for all MIL 300 and 400 level courses. Uniforms are issued for leadership lab participants. A $100.00 monthly allowance is paid to advanced course students participating in MIL 300 and 400 level courses.

A complete military science program is four years in length and is designed to supplement and complement any regular baccalaureate degree program. Successful completion of the advanced military science program qualifies a student for commission as a second lieutenant in one of the 17 accession branches in the U.S. Army. Entrance into other non-accession branches may occur after additional schooling.

Students desiring to enter the U.S. Army on active duty after completing ROTC must request it through the Professor of Military Science. Competition for active duty is keen. Students who desire to be commissioned in the Army Reserves or National Guard may sign a guaranteed reserve forces duty contract.

ADVANCED PLACEMENT CREDIT

U.S. military veterans, Reserve, or National Guard personnel who have completed 90 days active duty for training, students with three or more years of junior ROTC, and academic sophomores who complete MIL 210 (six-week Army ROTC Basic at Fort Knox, KY) may qualify for entry into the program at the advanced level. Interested students must be pursuing a four-year degree, have four full semesters of undergraduate degree work remaining at time of entry, and meet all other requisites for commissioned service. A special program for graduate students is also available.

MINOR IN MILITARY SCIENCE

A student may minor in military science by completing 17 hours of advanced military science (MIL 301, 302, 401, 402, and 410) and six hours of electives approved by the Professor of Military Science and Dean of the College of Applied Arts and Technology.

SCHOLARSHIPS

Army ROTC scholarships are available to all students enrolled at Eastern Kentucky University. These scholarships provide full payment of tuition, laboratory fees, an allowance for books and a
non-taxable subsistence allowance of $100.00 per month for ten months each year the scholarship is in force. Scholarships are awarded on a competitive basis for two and three years. Initial selection is made on-campus by a board of Army officers. Final selection is made at Fort Knox, Kentucky.

High school students are eligible for four-year ROTC scholarships. Applicants interested in obtaining a four-year scholarship will be evaluated on the basis of the whole person concept. The financial well being of the guardians is not a factor in these scholarships. Students may qualify for a scholarship:

a. If they are citizens of the United States. Non-citizens are ineligible for scholarship benefits.

b. If they will be at least 17 years of age by October 1, of the year they enter college.

c. If they have no moral obligation or personal conviction that will prevent them from:
   (1) Supporting and defending the Constitution of the United States against all enemies—foreign and domestic.
   (2) Conscientiously bearing arms.
   d. If they satisfactorily explain any record of arrest and/or civil conviction.
   e. If they receive at least a minimum SAT score of 850 and/or an ACT composite score of 19.

Specific questions should be forwarded to Professor of Military Science, Eastern Kentucky University, Richmond, Kentucky 40475.

**Course Descriptions**

**MIL—Military Science Basic Course**

101 Group Dynamics of Leadership. (2) I, II, A. Development of leadership and problem solving abilities; examination of leadership style, counseling, and team building techniques; comparison of civilian and military leadership; and analysis of the constitutional and historical basis for the U.S. Army

102 Dynamics of Leadership and Operational Teamwork. (2) I, II, A. Study of theories, principles, techniques and fundamentals of map reading and their application. Classes are systematically arranged to promote student participation in group leadership development and problem solving techniques.

202 American Military History. (3) I, II, A. Examines U.S. Military history from pre-revolutionary times to post-Vietnam; defines the principles of war; discusses political-military interactions; develops leadership through group contribution in case studies which apply the principles of war to historical periods.

203 Intermediate Leadership and Management. (2) I, II, A. Provides students continued development of basic military skills through practical leadership experiences in performing emergency medical treatment, drill and ceremonies, physical training and rifle marksmanship. Principles of leadership and management are presented in classroom discussion. 2 Lec 2 Lab.

210 Military Science Practicum (Basic Camp-Camp Challenge) (2, 4, 6) A. Introduces Military Science in a comprehensive summer field course designed to be taken in lieu of MIL 101, 102, or 203. This course emphasizes practical field application and leadership development. The camp is held at Fort Knox, Kentucky, and the student is paid for attending the camp.

**MIL—Military Science Advanced Course**

Prerequisites: Introduction to Military Science, prior active service, Active Duty for training, or Junior ROTC, acceptance by the Professor of Military Science, meet Army qualification standards.

301 Advanced Leadership and Management I. (3) I. Introduction to advanced leadership and management, emphasizing the branches of the Army, communication systems, and equipment. Defines principles of leadership and develops leadership through practical application as a leader in field training and physical conditioning. 2 Lec 5 Lab.

302 Advanced Leadership and Management II. (3) II. Develops leadership and management ability and military skills in military communications, weapons, and tactics. Develops leadership and command presence through student presentations and practical application as a leader in field training and physical conditioning. 2 Lec 5 Lab.

401 Fundamentals and Dynamics of the Military Team I. (3) I, A. Develops staff officer skills in leadership and management through decision making and problem solving techniques through military planning, administrative and logistical management and detailed training management. 3 Lec 3 Lab.

402 Fundamentals and Dynamics of the Military Team II. (2) II, A. Discusses the impact of world affairs on U.S. Armed Forces; defines overall professional and ethical responsibilities of military officers; development of military management techniques; establishes a basic understanding of military justice and the Geneva convention. 2 Lec 3 Lab.

410 Military Science Practicum (Advanced). (6) A. Develops leadership through intensive six-week summer field courses at Ft. Lewis, WA., of rotating leader command experience in problem analysis, decision making, and troop leading while providing in-depth coverage of technical and tactical subjects.

**AIR FORCE RESERVE OFFICERS’ TRAINING CORPS**

(AIR FORCE ROTC)

The purpose of the Air Force Reserve Officers’ Training Corps (Air Force ROTC) is to provide a means for college students to pursue an Air Force commission as a second lieutenant while achieving their academic goals in their chosen field of study. Air Force ROTC provides the Air Force with civilian educated officers and provides students with well-paying, challenging positions after graduating from college. Air Force ROTC improves and strengthens the qualities of decision-making, responsibility, and maturity in its students and helps them to develop leadership ability.

To receive a commission, Air Force ROTC cadets must complete all requirements for a degree according to university rules and regulations as well as completing specified Air Force ROTC courses. Air Force ROTC courses are usually taken for academic credit as part of a student’s electives.

**ADMISSION TO THE PROGRAM**

The two major phases of the curriculum are the General Military Course (GMC) and the Professional Officer Course (POC). The GMC generally is taken during the first two years of college. It covers two main themes - the contemporary Air Force and its organization and the development and history of air power. The GMC is open to all students and those enrolled in this program incur no military obligation. A leadership seminar is also offered during each semester. During these sessions cadets learn Air Force customs and courtesies, proper wear of the uniform, and the fundamentals of Air Force drill and ceremonies. Both the academic course and the leadership seminar are taught on-campus at Eastern Kentucky University. Students initially registering for the GMC should sign up for these classes in the same manner they register for other college courses. Normally, students will enroll in both the academic class and leadership seminar.

The last two years called the Professional Officers Course (POC) is normally taken during the junior and senior years of college. The POC curriculum covers Air Force management, leadership, American defense policy, and military law. A basic requirement for entrance into the POC is for the applicant to have two academic years remaining at either the undergraduate or graduate level or a combination of both. Prior enrollment in the GMC is not required for a student to enroll in the POC. Entrance into the POC is competitive. Any student wishing to apply should contact the Professor of Aerospace Studies, University of Kentucky, Lexington, KY, 40506-0028 as early as possible but no later than December of their sophomore year in college or the year they desire to compete. Applicants for the POC attend a four or six week field training session during the summer preceding entry into the POC. Cadets receive travel pay to and from field training and are paid for the time spent there.

**SCHOLARSHIPS**

Scholarships are available to qualified students who enroll in the Air Force ROTC program. These scholarships provide full...
payment of tuition, laboratory fees, an allowance for books, and a monthly non-taxable subsistence allowance.

Scholarships are awarded to cadets on a competitive basis for 2, 2½, 3, and 3½ years. Initial selection is made on-campus by a board of Air Force ROTC officers. Final selection is made by a central selection board at Air Force ROTC headquarters.

High school students are eligible for four-year Air Force ROTC scholarships. Applicant interested in obtaining a four-year scholarship will be evaluated on the basis of:

1. Results of the American College Test (ACT) or Scholastic Aptitude Test (SAT)
2. High school academic record
3. Extra curricular and athletic activities
4. Personal references
5. Ability to qualify on an Air Force medical examination

High School students who feel they can meet the basic eligibility requirements for a four-year scholarship must submit an application to Air Force ROTC before December 1 of the year prior to enrollment in the program. All selections for four-year scholarships are made at Air Force ROTC headquarters. High school students should contact their school guidance counselor or principal during the latter part of their junior year or early in their senior year for application cards. They may also contact the Professor of Aerospace Studies, University of Kentucky, Lexington, KY, 40506-0028 or write directly to Air Force ROTC, RR, Maxwell AFB, AL., 36112-6663. Questions about these or any other Air Force ROTC programs may be directed to the Department of Aerospace Studies, AFROTC Det. 290, University of Kentucky, Lexington, KY, 40506-0028 or call collect (606) 257-7115.

MINOR IN AEROSPACE STUDIES

Minor Requirements .................................................................18 hours
AFS 331, 332, 333, 334, 341, 342, 343, 344, and three hours of an elective approved by the Dean of College of Applied Arts and Technology and the Professor of Aerospace Studies.

Course Descriptions

AFS—Aerospace Studies (Air Force ROTC)

111 Aerospace Studies I. (1) I. This course deals with the Air Force in the contemporary world through a study of the total force structure, strategic offensive and defensive forces, general purpose forces and aerospace support forces.

112 Aerospace Studies II. (1) II. A continuation of AFS 111.

113 Leadership Seminar. (1) I. Prerequisite: AFS 111 or 211. Introduces Air Force customs and courtesies, drill and ceremonies and wear of the uniform. The course also includes a discussion of career opportunities in the Air Force.

114 Leadership Seminar. (1) II. Prerequisite: AFS 112 or 212. A continuation of AFS 113.

211 Aerospace Studies Ill. (1) I. This course is a study of air power from balloons and dirigibles through the jet age, a historical review of air power employment in military and nonmilitary operations in support of national objectives; and a look at the evolution of air power concepts and doctrine.

212 Aerospace Studies Ill. (1) II. A continuation of AFS 211.

213 Leadership Seminar. (1) I. Prerequisites: AFS 111 or 211, AFS 113 and 114. Builds on the foundation established during AFS 113 and 114. Air Force customs, courtesies, and opportunities are again emphasized. The cadet is prepared for individual, flight, and squadron movements in drill and ceremonies.

214 Leadership Seminar. (1) II. Prerequisites: AFS 112 or 212, AFS 113 and 114. A continuation of AFS 213. Emphasis on preparing cadets for attendance at Field Training during succeeding summer.

331 Aerospace Studies Ill. (3) I. Prerequisite: AFS 330. A study of leadership with specific emphasis on the Air Force leader. Includes theoretical, professional and communicative aspects. In addition, military justice and administrative law are discussed within the context of military organization.

332 Aerospace Studies Ill. (3) II. Prerequisite: AFS 331. A continuation of AFS 330. A study of leadership with specific emphasis on the Air Force leader. Includes theoretical, professional and communicative aspects. In addition, military justice and administrative law are discussed within the context of military organization.

333 Leadership Seminar. (1) I. Prerequisite: AFS 331. A study of leadership with specific emphasis on the Air Force leader. Includes theoretical, professional and communicative aspects. In addition, military justice and administrative law are discussed within the context of military organization.

334 Leadership Seminar. (1) II. Prerequisite: AFS 332. Cadets continue preparing for fulfilling leadership positions as an active duty Air Force officer.

341 Aerospace Studies IV. (3) I. Prerequisites: AFS 331 and 332. A study of the professional, civil-military interactions, communicative skills, framework of defense policy, and formulation of defense strategy.

342 Aerospace Studies IV. (3) II. Prerequisite: AFS 341. Continues the study of the professional, civil-military interactions, communicative skills, framework of defense policy, and formulation of defense strategy.

343 Leadership Seminar. (1) I. Prerequisite: AFS 341. Cadets prepare for Initial Commissioned Service by fulfilling advanced leadership positions. Continued emphasis on group dynamics and the role of future leaders in the Air Force.

344 Leadership Seminar. (1) II. Prerequisite: AFS 342. Cadets prepare for Initial Commissioned Service by fulfilling advanced leadership positions. Continued emphasis on group dynamics and the role of future leaders in the Air Force.

395 Independent Work. (2-6) A. Prerequisite: approval of professor of aerospace studies. A study of an advanced problem on a subject area in aeronautical science under the guidance of a departmental staff member. One discussion per week, term paper required.
The purpose of the College of Arts and Humanities is to provide for all students the artistic and humanistic elements of a liberal education. By cultivating the intellect, a liberal education allows individuals to be at home in any society, to be more aware of their own internal and external resources, and to choose more capably their values and goals.

By concentrating on interpretations of humanity through the intellectual and expressive arts, the College can provide students both with the understanding to form their own interpretations of what it means to be human and with the skills to express that understanding. The College offers these educational opportunities not only to its own majors and minors but also to students in all other colleges in the University, especially through the humanities component of General Education.

The College of Arts and Humanities offers instruction for professional and pre-professional fields and cooperates with other colleges in providing upper level courses and programs; it further cooperates with the Graduate School in offering graduate courses and programs.

DEGREES OFFERED

The following degrees are granted: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Music Education, and Bachelor of Individualized Studies.

The Bachelor of Arts is conferred upon students who major in art, English, French, German, music, philosophy, religion, Spanish, speech and theatre arts, speech communication, and theatre arts. The Bachelor of Fine Arts is conferred upon students in art and in performing arts.

GRADUATE PROGRAMS

In cooperation with the Graduate School, the College offers the Master of Arts, Master of Music, and (in cooperation with the College of Education) the Master of Music Education. The Master of Arts is offered in English. The College of Education offers the Master of Arts in Education with an emphasis in art, English, French, and Spanish; the departments in the College of Arts and Humanities cooperate in presenting these programs, which are described in the Graduate Catalog.

DEGREE REQUIREMENTS

General University requirements described on page 23 in Part Three of this Catalog, as well as specific course requirements set forth in the description of curricula, must be met by students completing baccalaureate programs administered by the College of Arts and Humanities. See programs under each department for major and minor requirements. Common to all programs is the Academic Orientation course (AHQ 100) of the College of Arts and Humanities.

In addition to the general University requirements, specific requirements for the College of Arts and Humanities are as follows:

1. A grade point average (GPA) of 2.0 in the major is required (certain programs require a higher GPA).
2. All students must have an area of concentration or a major program. While either a minor or a second major is required for all programs, a teaching minor is required for the following teaching majors: German and speech and theatre arts. Some of the hours for a minor may also count as electives and general education, if appropriate.
3. Students who transfer from other institutions must earn no fewer than six hours in the area or major at Eastern, the exact minimum to be determined by consultation of the advisor, departmental chair, and dean. At least three hours of the minor must be earned at Eastern.

PLANNED CURRICULUM

Upon completion of 60 hours, a planned curriculum (which specifies the remaining graduation requirements) must be initiated by consulting the faculty advisor in the major department. Teaching majors must have been admitted to the teacher education Program prior to the preparation of a planned curriculum. Any subsequent change in the planned curriculum is proposed on forms available in the office of the advisor.

APPLICATION FOR GRADUATION

Students must file an application for graduation in the dean's office no later than April 30 for December graduation and no later than October 31 for either May or August graduation. It will be the student's own responsibility to plan and register for the proper courses to meet all graduation requirements.

GRADUATE COURSE CREDIT

All 700 level courses have undergraduate counterparts bearing the same last two digits. The 700 level courses are offered only for graduate level credit and require additional appropriate experiences for all students enrolled. Students who have previously taken the undergraduate counterpart of these courses at the 500 level will not be permitted to enroll for graduate level credit in the 700 level counterpart.
Bachelor of Individualized Studies Degree

The Bachelor of Individualized Studies (B.I.S.) degree is administered by the B.I.S. Review Board consisting of faculty and administrators from three colleges: Arts and Humanities, Natural and Mathematical Sciences, and Social and Behavioral Sciences. It is intended for students whose goals extend beyond traditional majors and whose integrative abilities permit them to plan and follow a personalized, unique program (e.g., medical illustration, combining biology with art, or theatre management, combining theatre with business). A student submitting a proposal to the B.I.S. Review Board should have in the semester of entry a minimum of 30 hours and a maximum of 75 hours, a cumulative GPA of 2.5, and a "C" average in ENG 101 and 102 (or 105). For further information, see the Dean of the College of Arts and Humanities.

**Major Requirements** .......................................................... 45-48 hours
A minimum of 42 hours, of which at least 27 hours must be at the 300 level or above, selected with the aim of contributing to the interdisciplinary theme, topic, and/or goal; and CAH 499 to be completed in the last semester.

**General Education Requirements** ...................................... 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

**University Requirements** .................................................. 9 hours
AHO 100; eight hours of restricted electives.

**Free Electives** .................................................................... 25-28 hours

**Total Curriculum Requirements** .......................................... 128 hours

ARTS AND HUMANITIES COURSES

**AHO—Orientation**
AHO 100 Arts and Humanities Orientation. (1) L. An introduction to the programs of the University and the College. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

**CAH—Interdisciplinary**
315 Topics in Humanities General Education: (3) A. An experimental general education course designed to fill the requirements for Category 08 of Area II. Content will vary with each offering. May not be retaken. 499 Independent Work. (3-6) L, II. Prerequisite: cumulative GPA of 2.5 in Bachelor of Individualized Studies degree. Independent research and/or field work required for the program of B.I.S.

500 Interdisciplinary or Transdisciplinary Seminar. (3) A. In-depth consideration of problems which involve several disciplines. A different problem may be considered each time the course is offered. May be retaken to a maximum of six hours.

**GRADUATE COURSE**
700 Interdisciplinary or Transdisciplinary Seminar. (3) A.

**DEPARTMENT OF ART**

R. Adams, Chair; Civey, Dewey, Glotzbach, Halbrooks, C. Hale, P. Harris, Helmuth, R. Isaacs, Kurzinger, Molinaro, Spears, Whitcopf.

The Department of Art offers curricula designed to develop the skills and understandings necessary to professional practice in the visual arts, to the teaching of art in the elementary and secondary schools, and to more complete living in our contemporary society. The curricula are arranged in two undergraduate degree programs, a Bachelor of Arts and a Bachelor of Fine Arts, and one graduate degree program in cooperation with the Graduate School and the College of Education.

**Art MAJOR (BACHELOR OF ARTS)**

**Major Requirements** .......................................................... 30 hours
ART 100, 101, 102, 103, 202, 203, 207, 330, 562, and three hours art history elective.

**Supporting Course Requirements** ...................................... 6 hours
ART 390 and 391; 12 hours (or the equivalent) in a foreign language is strongly recommended.

**General Education Requirements** ...................................... 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

**University Requirements** .................................................. 9 hours
AHO 100; eight hours of restricted electives.

**Free Electives** .................................................................... 37 hours

**Total Curriculum Requirements** .......................................... 128 hours

**Art (Teaching) MAJOR (BACHELOR OF ARTS)**

**Major Requirements** .......................................................... 30 hours
ART 100, 101, 102, 103, 202 or 239, 203, 204, 207, 430, and 562.

**Supporting Course Requirements** ...................................... 6 hours
ART 390 and 391.

**Teacher Education Requirements** ...................................... 28 hours
EDF 102, 202, 317, EPY 318, ESE 440, 498, and 499.

**General Education Requirements** ...................................... 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

**University Requirements** .................................................. 9 hours
AHO 100; eight hours of restricted electives.

**Free Electives** .................................................................... 9 hours

**Total Curriculum Requirements** .......................................... 128 hours
Art (Teaching)
AREA OF CONCENTRATION
(BACHELOR OF ARTS)

Area Requirements ............................................ 48 hours
ART 100, 101, 102, 103, 202, 203, 204, 207, 309, 307, 330,
340, 440, 562, three hours art history elective, and six hours art
electives.
Supporting Course Requirements ................................ 6 hours
ART 390 and 391.
Teacher Education Requirements ................................ 28 hours
EDF 102, 202, 317, EPY 318, ESE 440, 498, and 499.
General Education Requirements ............................... 40 hours
Standard General Education program, excluding course catego-
ries 07 and 08. Refer to Part Three of this Catalog for details on
the General Education and University requirements.
University Requirements ........................................ 9 hours
AHO 100; eight hours of restricted electives.
Total Curriculum Requirements ................................. 131 hours

MINOR IN ART
A student may minor in art (non-teaching) by completing a
minimum of 18 hours as follows: ART 102, 103; 309 or 391; and
nine hours of art electives.

MINOR IN ART (TEACHING)
A student may minor in art (teaching) by completing a
minimum of 21 hours as follows: ART 102, 103; 309 or 391; 403; and
nine hours of art electives.

BACHELOR OF FINE ARTS DEGREE
The Bachelor of Fine Arts (B.F.A.) degree is a highly specialized
degree program designed to prepare the student for professional
practice in the visual arts. The program offers six primary options:
ceramics, design, jewelry and metalsmithing, painting, printmaking,
and sculpture. The program contains 73 semester hours of art,
18 of which are in a primary option and 9 of which are in a
secondary option with the remaining 46 in an art core. Each
student will complete a primary option and a secondary option
except those in design who complete a 27 semester hour primary
option with no secondary option.
A student will be eligible for entrance in to the program
in the last semester of the sophomore year or in the first semester
of the junior year provided that the following courses have been
completed: ART 100, 101, 102, 103, 202, 203, 207, 239, 330, and
one elective in the proposed B.F.A. area and have maintained a
3.0 grade point average or higher in all art courses and have a
minimum of at least 24 hours to be taken in the B.F.A. program as
a candidate for the B.F.A. degree. In addition, the student is
required to pass, by the required dates, a portfolio entrance
review, a mid program portfolio review, a final exhibition review,
and submit an acceptable thesis.
A student wishing to pursue the B.F.A. degree should consult
with the departmental advisor to be assigned a pre-B.F.A. design-
nation and to obtain a copy of the Entrance Criteria and Degree
Requirements for the B.F.A. prior to application for admission to
the program.

Art
PRIMARY AND SECONDARY OPTIONS
(BACHELOR OF FINE ARTS)

Major Requirements ........................................... 73 hours
Art Core ......................................................... 46 hours
ART 100, 101, 102, 103, 202, 203, 204, 207, 239, 307,
330, 380, 381, 399, 499, and 562, and an art history elective.
Primary Option (18 or 27 hours)
Ceramics .......................................................... 18 hours
ART 348, 355, 459, and 469 for nine hours.
Design ............................................................ 27 hours
With specialties in advertising, corporate design, il-
lustration, packaging. Common course requirements
for all specialties: ART 205, 206, 350, 351, 449, 450,
and 455 with additional requirements of MFG 211
and MKT 320 for advertising; MKT 300 and MKT
450 for corporate design; ART 304 and 403 for
illustration; MKT 300 and MKT 320 for packaging.
Jewelry and Metalsmithing ................................. 18 hours
ART 339, 340, 342, and 439 for nine hours.
Photography .................................................. 18 hours
ART 303, 304, 307, 403 for six hours, and 503.
Painting ......................................................... 18 hours
ART 331; six hours from ART 332, 333, 334,
or 335; ART 437 for nine hours.
Sculpture ....................................................... 18 hours
ART 347 and 426 for nine hours each.
Secondary Option (9 or 0 hours)
Ceramics ......................................................... 9 hours
ART 348 and 359 for six hours.
Drawing .......................................................... 9 hours
ART 300, 301, and 401.
Jewelry and Metalsmithing ................................. 9 hours
ART 339, 340, and 342.
Painting ......................................................... 9 hours
ART 303, 304, and 403.
Printmaking .................................................. 9 hours
ART 331; six hours from ART 332, 333, 334,
or 335.
Sculpture ....................................................... 9 hours
ART 347 for nine hours.
General Education Requirements ............................ 40 hours
Standard General Education program, excluding course catego-
ries 07 and 08. Refer to Part Three of this Catalog for details on
the General Education and University requirements.
University Requirements ....................................... 9 hours
AHO 100; eight hours of restricted electives.
Free Electives .................................................. 6 hours
Total Curriculum Requirements ............................. 128 hours

GRADUATE PROGRAMS
The Master of Arts in Education degree with an option in art is
offered in the College of Education with the cooperation of the
Department of Art. The regulations for the degree may be found in
the College of Education section of the Graduate Catalog.
Course Descriptions

ART—Art

100 Drawing I. (3) I. Introduction to the basic principles of drawing, placing emphasis on design with value, line, and tone. Lec., Lab.

101 Drawing II. (3) II. Prerequisite: ART 100. Continuation of Drawing I; observation of natural forms.

102 Design, Two-Dimensional. (3) I. Introduction to the abstract characteristics of design without line, mass, and space. Lec., Lab.

103 Design, Three-Dimensional. (III) II. Introduction to the methods, materials, and concepts related to the control of space.

117 Drawing and Design. (3) I, II. Introduction to basic knowledge and skills in art through pencil, tempera, water color, and chalk; emphasis on development of understanding and appreciation of design.

200 Art Appreciation: Orientation. (3) I, II. Introduction to the visual arts and their purposes, emphasis on ways and means available to the artist. Student has opportunity for individual expression through a visual arts medium. Not open to art majors or minors.

202 Ceramics I. (3) A. Introductory experiences with ceramic forming methods, decorating techniques and materials. Emphasis placed upon the application of clay to design problems involving aesthetic value and procedure in the making of line objects.

203 Painting I. (3) I. Prerequisites: ART 101 and 102. Design with color, line, and texture with emphasis on color.

204 Painting II. (3) II. Prerequisite: ART 203. Problems in color, line and texture as they relate to painting media.

205 Art Photography. (3) A. Prerequisite: ART 102, 103, or instructor approval. Introductory course in photography as a visual arts medium.

206 Design I. (3) II. Prerequisites: ART 101 and 102. Introduction to the world of professional design, its physical and philosophical makeup. Discussion of varied approaches of design and problem solving in each of the areas of specialization.

207 Sculpture Survey I. (3) I. Prerequisite: ART 103. Provides an introduction to basic sculpture problems, approaches, and techniques. Problems are set in additive, subtractive, and constructive processes.

239 Jewellery and Metalsmithing I. (3) I, II. Prerequisite: ART 103. Introductory course covering forming and joining techniques of forging, raising, piercing, soldering. Nonferrous metals used.

300 Drawing Media. (3) A. Prerequisite: ART 101. Selected drawing media are investigated.

301 Figure Drawing. (3) A. Prerequisite: ART 101. A course designed to develop an increased understanding of the logic of natural forms with the human figure as the principal source of information.

303 Figure Painting. (3) A. Prerequisite: ART 204. Painting problems involving the human figure.

304 Painting Media. (3) A. Prerequisite: ART 204. An investigation of oil, polymer, encaustic, and lacquer media to determine their applicability to the needs of the artist.

307 Sculpture Survey II. (3) A. Prerequisite: ART 207. Continuation of the introduction to basic sculptural problems, approaches, and techniques begun in ART 207. Problems are set in constructive foundry processes.

330 Printmaking I. (3) A. Prerequisites: ART 101 and 102. Basic experiences in relief, intaglio, planographic, and stencil processes.

331 Printmaking II. (3) A. Prerequisite: ART 330. Continuation of ART 330 with emphasis placed on concepts and techniques of lithography and etching.

332 Intaglio Printmaking. (3) A. Prerequisite: ART 331. In-depth investigation of intaglio techniques. Includes softground, sugarlift, aquatint, engraving, and etching techniques. Color introduced.

333 Lithography. (3) A. Prerequisite: ART 331. An in-depth investigation of the planographic processes. Drawing, design, and technique are emphasized. Color techniques included.


335 Relief Printmaking. (3) A. Prerequisite: ART 331. An in-depth investigation of relief printing methods stressing woodcut, wood engraving, and collagraphs. Color introduced.

336 Jewellery and Metalsmithing II. (3) A. Prerequisite: ART 239. Die forming, embossing, piercing, soldering, chasing, and repoussé. Joining methods other than soldering introduced.

340 Jewellery Fabrication. (3) A. Prerequisite: ART 339. In-depth study of fabrication techniques such as: piercing, wirework, chasing and repoussé, milo, reticulation, and plating. Metal may be combined with wood, stone, ivory, or leather.

342 Jewellery Casting. (3) A. Prerequisite: ART 339. Involves lost wax casting with the centrifugal, vacuum, and gravity pour processes. Bronze, silver, gold, and pewter used.

347 Problems in Sculptural Form. (3, 6) A. Prerequisite: ART 307. Involves in-depth exploration of sculptural problems and processes. May be taken to a maximum of nine hours.

348 Ceramics II. (3) A. Prerequisite: ART 202. Basic formulation of clay and glaze.

349 Cooperative Study: Art. (1-8) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

350 Design II. (3) A. Prerequisite: ART 206. Problem solving in the areas of packaging design, corporate design, advertising design, and illustration.

351 Design III. (3) A. Prerequisite: ART 350. Continuation of ART 350 with emphasis in one of the design areas. Discussions of design environments and philosophies.

359 Ceramics III. (3) A. Prerequisite: ART 348. Fundamental structural problems of ceramic sculpture. May be taken to a maximum of six hours.

390 Survey of Art History I. (3) I, II. Study of art from prehistoric times through the Gothic period. Gen. Ed. 07.

391 Survey of Art History II. (3) I, II. Study of art from the Renaissance to the present day. Gen. Ed. 07.

393 Greek and Roman Art. (3) A. Prerequisite: ART 390 or instructor approval. Study of the history of the classical Greek and Roman architecture, sculpture, and painting from the beginnings of Greek art to the time of Constantine.

394 Twentieth Century Painting. (3) A. Prerequisite: ART 391 or instructor approval. Study of the history of European and American painting from 1900 to the present.

395 Nineteenth Century Painting. (3) A. Prerequisite: ART 391 or instructor approval. Study of major painting styles of the century, including neoclassicism, romanticism, realism, impressionism, and post impressionism.

401 Advanced Drawing. (3) A. Prerequisites: ART 300 and 301. Advanced problems in drawing with emphasis on the drawing as a complete work rather than a preliminary study.

403 Advanced Painting. (3) A. Prerequisites: ART 303 and 304. Advanced problems in pictorial organization. May be taken to a maximum of six hours.

426 Advanced Sculpture. (3-6) A. Prerequisite: six hours in ART 347. Sculptural interests defined and directed. Provides for preparation of a portfolio. May be taken to a maximum of nine hours.

430 Materials Inquiry in Art Education. (3) I. Prerequisite: open to senior art students who plan to teach. Diversified inquiry into art materials and processes in the elementary and secondary schools.

437 Advanced Printmaking. (3, 6, or 9) A. Prerequisite: six hours of 300 level printmaking. The student is free to pursue a program of individual interest. Emphasis placed on creativity and professionalism. May be taken to a maximum of nine hours.

439 Research in Metalwork. (3, 6, or 9) A. Prerequisites: ART 340 and 342. The student pursues an individualized direction and designs unique problems with the approval of instructor. May be taken to a maximum of nine hours.

449 Design IV. (3) A. Prerequisite: ART 351. Concentrated exploration in design with emphasis on area of specialization chosen by student. Includes proposal writing and/or presentation techniques.

450 Senior Portfolio. (3) A. Prerequisite: ART 449. Design, fabrications, and sample preparation of portfolio. Discussion of procedures, methods, philosophies, working environments of specific design situations, and identification of contacts for job placement.

455 Advanced Photography. (3) A. Prerequisite: ART 205. In-depth study of darkroom techniques and creative uses of camera.

456 Ceramics IV. (3) A. Prerequisite: ART 359. Kiln construction and firing techniques.

469 Ceramics V. (3, 9) A. Prerequisite: ART 459. Independent work, final project.

490 Medieval Art. (3) A. Prerequisite: ART 390 or instructor approval. Development of art in Eastern and Western Europe from 313-1430 A.D.

491 Seventeenth and Eighteenth Century Art. (3) A. Prerequisite: ART 391 or instructor approval. Architecture, sculpture, and painting in Europe and the Americas from 1600-1800.

492 Senior Exhibition. (1) A. Prerequisite: graduating senior in the Bachelor of Fine Arts degree program. Organization and presentation of an exhibition of the student’s work.

503 Independent Work in Painting. (3) A. Prerequisite: ART 403. Emphasis is placed on individual expression. May be taken to a maximum of nine hours.

540 Workshop in Art. (1-3) A. Prerequisite: senior standing and enrollment in a specific phase of the visual arts. Current processes, materials, and theoretical foundations will be considered. May be taken to a maximum of nine hours.

562 Seminar in Art Criticism. (3) A. Prerequisites: ART 390 and 391. Study of various topics and problems which relate to the student’s understanding and critical awareness of the visual arts.

563 Problems in Art. (3) A. Prerequisite: all departmental courses in problem area identified. Limited to seniors. Continuation of study begun in regular departmental courses. May be taken to a maximum of nine hours.

590 Italian Renaissance Art. (3) A. Prerequisite: ART 391 or instructor approval. In-depth study of selected aspects of the painting, sculpture, and architecture of Italy between 1400 and 1600. The graduate student will be expected to prepare a scholarly paper.

GRADUATE COURSES

703 Independent Work in Painting. (3) A.

740 Workshop in Art. (1-3) A.

762 Seminar in Art Criticism. (3) A.

763 Problems in Art. (3) A.

790 Italian Renaissance Art. (3) A.

821 Drawing. (3) A.

822 Painting. (3) A.

827 Sculpture. (3) A.

892 Ceramics. (3) A.

890 Printmaking. (3) A.
DEPARTMENT OF
ENGLISH


The Department of English offers instruction in literature, in writing, and in language study. This instruction is designed for
—the preprofessional student,
—the student who wants to broaden her/his insight into the
type of language and of literature,
—the student who wants to develop her/his writing abilities, and
—the student who plans to teach.

The Department also offers instruction in reading and study
skills, basic instruction for speakers of English as a second
language, and developmental courses for students who have been
away from formal learning situations for a period of time or
who need to develop basic skills before entering advanced courses.

The Department offers instruction in reading and study
skills, basic instruction for speakers of English as a second
language, and developmental courses for students who have been
away from formal learning situations for a period of time or
who need to develop basic skills before entering advanced courses.

The Department also offers instruction in reading and study
skills, basic instruction for speakers of English as a second
language, and developmental courses for students who have been
away from formal learning situations for a period of time or
who need to develop basic skills before entering advanced courses.

DEGREES, OPTIONS, MINORS

The Department of English offers two undergraduate degrees:
Bachelor of Arts in English with the following two options
-Literature emphasis
-Writing emphasis
Bachelor of Arts in English (Teaching)

The Department of English offers the following two minor programs:
-English
-English (Teaching)

English

MAJOR (BACHELOR OF ARTS)

Major Requirements ........................................ 39 hours
Core ............................................................ 24 hours
ENG 301, 302**, 350, 351, 352, 353, 410, and 474.
Options
Literature Emphasis ....................................... 15 hours
A minimum of fifteen additional upper division literature
hours, three of which must be in British literature
and three in American literature, nine of the
hours must be at the 400 and 500 level.
Writing Emphasis ......................................... 15 hours
A minimum of 15 additional hours selected from the
following: ENG 300, 306, 349, 420, 500, 502, or 525.
Supporting Course Requirements .................... 12 hours

Literature Emphasis
Six hours of a particular foreign language at the 200 level and
six hours from the following with no more than three hours
from any one group: SPE 210, 300, 310; HIS 336, 340, 345,
346; THE 390, 391; CIS 212.
Writing Emphasis
Six hours of a particular foreign language at the 200 level and
six hours from the following with no more than three from any
one group: SPE 320, 350; JOU 201, 305, 307; CIS 212.

General Education Requirements ................. 46 hours
Standard General Education program. Refer to Part Three of
this Catalog for details on the General Education and University
requirements.

University Requirements ............................. 9 hours
AHO 100; eight hours of restricted electives.

Free Electives ............................................ 22 hours

Total Curriculum Requirements ..................... 128 hours
**Should be taken before enrolling in upper level literature courses (with the exception
of ENG 350, 351, 352, and 353).

English (Teaching)

MAJOR (BACHELOR OF ARTS)

Major Requirements ........................................ 33 hours
ENG 301, 302**, 350 or 351, 352 or 353, 405, 410, 474, 510 or
520; at least nine additional upper division literature hours,
three of which must be American literature and three British
literature, six of these additional hours must be at the 400 level
or above.

Supporting Course Requirements .................... 9 hours
SPE 210 and six hours of a particular foreign language at the
200 level.

Teacher Education Requirements .................. 31 hours
EDF 102, 202, 317, EPY 318, ESE 443, 498, 499, and 574.

General Education Requirements .................. 46 hours
Standard General Education program. Refer to Part Three of
this Catalog for details on the General Education and University
requirements.

University Requirements ............................. 9 hours
AHO 100; eight hours of restricted electives.

Total Curriculum Requirements ..................... 128 hours
**Should be taken before enrolling in upper level literature courses (with the exception
of ENG 350, 351, 352, and 353).

TEACHING ENGLISH AS A SECOND LANGUAGE ENDORSEMENT

Students planning to add a teaching English as a second
language endorsement to their certification need to take ENG 510,
515, 520, and, in addition to other teacher education requirements
listed, EMS 575.

MINOR IN ENGLISH

Requirements ............................................. 18 hours
ENG 301, 302**, and at least 12 additional upper level hours in
literature and/or writing courses.
**Should be taken before enrolling in upper level literature courses (with the exception
of ENG 350, 351, 352, and 353).

MINOR IN ENGLISH (TEACHING)

Requirements ............................................. 24 hours
ENG 301, 302**, 350 or 351, 352 or 353, 405, 410; at least nine additional upper division
literature hours, three of which must be American literature and three British
literature, six of these additional hours must be at the 400 level
or above.

Supporting Course Requirements .................... 3 hours
ESE 574.

Total Curriculum Requirements ..................... 27 hours
**Should be taken before enrolling in upper level literature courses (with the exception
of ENG 350, 351, 352, and 353).
GRADUATE PROGRAMS

The Masters of Arts Degree in English is offered under a thesis or a non-thesis option. Under either option, work includes preparation for independent study leading toward the Ph.D. in English, for teaching on the college and pre-college levels, and for other professional purposes. Under either option a student must pass a language reading examination in one foreign language before the Master’s degree will be granted; however, the student may instead elect, unless the requirement has already been met, the completion of 12 hours (or the equivalent) of study in at least one language, acceptable to the student’s graduate advisor. Also, under either option, at least half the course work must be at the 500 level.

The Masters of Arts in Education degree with an emphasis in English is offered in the College of Education with the cooperation of the Department of English.

For further information concerning graduate programs see the Graduate Catalog.

Course Descriptions

ENGL—English

090 Basic Writing. (3) I, II. A remedial course in composition emphasizing selected sentence basics and fundamental rhetoric to prepare students for ENG 095 and ENG 101. Exit exam required. Taken by referral or placement. Credit earned is institutional and cannot be used for graduation.

095 Developmental Composition. (3) I, II. An introductory course in composition emphasizing selected sentence basics and rhetoric for short essays and reports, to prepare students for ENG 101. Exit exam required. Taken by referral or placement. Credit earned is institutional and cannot be used for graduation.

101 English Composition I. (3) I, II. A writing course reviewing sentence basics and methods of paragraph development, emphasizing style, organization, coherence, and persuasion in written discourse; extensive practice in composition for different purposes and audiences; study and practice to improve reading and speaking. Entrance and proficiency exam required. Gen. Ed. 01.

102 English Composition II. (3) I, II. Prerequisite: ENG 101 (or equivalent). A writing course reviewing components of ENG 101 and refining general composition skills; emphasis on expository and argumentative writing, including researched, documented papers and reports; study of research sources and methods. With emphasis on analytical reading. Gen. Ed. 02.

105 English Composition Honors. (3) I, II. Advanced writing course, reviewing fundamentals and emphasizing practice writing essays and reports, including researched, documented writing, practice to improve reading and speaking. Taken by referral or placement. Proficiency exam required. Students graded "A" or "B" will receive six hours credit for ENG 105; students with "C" or "D" will receive three hours credit for ENG 105 and must take ENG 102. Gen. Ed. 01 (02).

106 Writing Workshop. (2) I, II. Prerequisite: ENG 101, 105, or departmental approval. A course intended to develop writing abilities through practice in writing processes for various topics: reading and discussion of rhetoric, grammar, etc., appropriate for the selected topic. Primarily individualized instruction in workshop conferences. Must be taken for a maximum of three credit hours.

200 Topics in English: _______ (1-3) A. Prerequisites: ENG 101 and 102 (or 105). Introduction to areas of English literature, writing, and language used through selected topics. Designed primarily for non-English majors; may be repeated with different topics to a maximum of six hours.

211 Survey of World Literature I. (3) I, II. Prerequisites: ENG 101 and 102 (or 105). Selected readings from masterpieces of world literature from ancient times through the Renaissance. Gen. Ed. 05.

212 Survey of World Literature II. (3) I, II. Prerequisites: ENG 101 and 102 (or 105). Survey of masterpieces of world literature from the 17th century to the present. Gen. Ed. 06.

242 Introduction to a Genre: _______ (2) A. Prerequisites: ENG 101 and 102 (or 105). Readings in either the novel, poetry, or short story; special emphasis on understanding and enjoying the literature. Designed primarily for non-English majors, may be repeated with different topics to a maximum of six hours.

244 Mystery and Detective Fiction. (2) A. Prerequisites: ENG 101 and 102 (or 105). History of mystery and detective fiction. Study of the genre’s basic characteristics as well as its cultural ramifications.

245 Science Fiction. (2) A. Prerequisites: ENG 101 and 102 (or 105). A survey of science fiction from Mary Shelley to the present.

300 Technical Professional Writing. (3) A. Prerequisites: ENG 101 and 102 (or 105). Advanced study and application of principles of effective technical writing in various forms with emphasis on reports. Special sections arranged in cooperation with professional programs.

301 Advanced Composition. (3) I, II. Prerequisites: ENG 101 and 102 (or 105). Refinement of writing skills; application of rhetoric in expository and argumentative writings; planning and writing a research paper.

302 Principles of Literary Study. (3) I, II. Prerequisites: ENG 101 and 102 (or 105). Introduction to the genres of poetry, short fiction, and drama, as well as to the traditional literary devices, the major critical approaches, and several bibliographical tools.

306 Introduction to Creative Writing. (3) A. Prerequisites: ENG 101 and 102 (or 105). Introduction to fundamentals of short story, poetry, or personal essay writing.

308 Autobiographical Literature. (3) A. Prerequisites: ENG 101 and 102 (or 105). Discussion of American, British, Continental, and non-Western autobiographies and modern theories of autobiographical writing.

334 Modern Poetry. (3) A. Prerequisites: ENG 101 and 102 (or 105). Survey of representative British and American poets from Hopkins and Dickinson to the present.

335 Modern Drama. (3) A. Prerequisites: ENG 101 and 102 (or 105). Study of representative Continental, British, and American plays from Ibsen to the present.

337 British Literature IV. (3) A. Prerequisites: ENG 101 and 102 (or 105). Study of selected narratives and verse from the Old Testament, Apocrypha, and New Testament from distinctly literary perspectives.

340 Mythology. (3) A. Prerequisites: ENG 101 and 102 (or 105). Study of selected myths through historical, psychological, and anthropological approaches.

345 Literature and Film. (3) A. Cross listed as COM 345. Prerequisites: ENG 101 and 102 (or 105). An examination of the relationship between film and literature through a comparative study of the stylistic and technical elements of the two media. Credit will not be awarded to students who have credit for COM 345.

347 Special Studies in English: _______ (1-3) A. Prerequisites: ENG 101 and 102 (or 105). Specialized study of selected topics not available in more traditional course offerings. Designed primarily for English majors/minors. May be repeated with different topics to a maximum of six hours.

349 Cooperative Study: English. (1-8) A. Prerequisites: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 60 hours employment required for each semester hour credit.

350 American Literature I. (3) I, II. Prerequisites: ENG 101 and 102 (or 105). Survey of American literature from Whitman to the present, emphasis on Whitman, Dickinson, Twain, James, Faulkner, Frost and Eliot.

352 English Literature I. (3) I. Prerequisites: ENG 101 and 102 (or 105). English literature from Beowulf through the 18th century; special emphasis on Chaucer, Shakespeare, Spenser, Shakespeare Donne, Milton, Dryden, Pope, Swift, and Johnson.

353 English Literature II. (3) I. Prerequisites: ENG 101 and 102 (or 105). English literature of the 19th Century to the present; emphasis on Wordsworth, Keats, Tennyson, Browning, Arnold, Hardy, Yeats, and Joyce.


359 Kentucky Literature. (3) A. Prerequisites: ENG 101 and 102 (or 105). Study of Kentucky’s literary tradition from its beginning to the present, emphasis on Elizabeth Maddox Roberts, Allen Tate, Harriet Arrow, and Robert Penn Warren.

375 Twentieth-Century British Fiction. (3) A. Prerequisites: ENG 101 and 102 (or 105). Survey of representative British novels and short stories of the 20th century.

405 Survey of Theories of Composition. (3) A. Prerequisites: ENG 101 and 102 (or 105) and 301. An introductory course surveying theories of composition and applying these theories to the instruction of composition.

410 Graduate Traditional and Modern American. (3) A. Prerequisites: ENG 101 and 102 (or 105) and 301. Grammatical structure of American English and present-day terminology used to describe that structure; analysis of the linguistic and grammatical theories underlying contemporary grammar texts.

424 Renaissance and Medieval. (3) A. Prerequisites: ENG 101 and 102 (or 105) and 301. Development of prose style through analysis, practice, and editing.

430 Dramatic Literature. (3) A. Cross listed as THE 430. Survey of the major periods and genres of world dramatic literature, from the Greeks to the present; selected readings from the major playwrights, critics and theorists. Credit will not be awarded to students who have credit for THE 330.

452 American Romanticism. (3) A. Prerequisites: ENG 101 and 102 (or 105). A study of the 19th century Romantic movement, concentrating on selected major authors through Whitman.

454 American Literature. (3) A. Prerequisites: ENG 101 and 102 (or 105). A study of the American Realistic movement from the late nineteenth century through the 20th century, concentrating upon major authors from Twain to the present.

470 Chaucer and His Age. (3) A. Prerequisites: ENG 101 and 102 (or 105). A study of selections from Chaucer, the Pearl poet, Langland, Malory, medieval drama and lyrics.

472 Renaissance Literature. (3) A. Prerequisites: ENG 101 and 102 (or 105). A study of Tudor poetry and prose and Elizabethan and early Stuart drama, exclusive of Shakespeare.

474 Shakespeare. (3) A. Prerequisites: ENG 101 and 102 (or 105). Study of Elizabethan England as a background for Shakespeare’s works; extensive reading of several plays; intensive reading of selected drama and poetry.

476 Milton and His Age. (3) A. Prerequisites: ENG 101 and 102 (or 105). A study of Milton’s works, Cavalier and metaphysical poetry, the masque, and prose of the period.

478 Literature of the Restoration and Eighteenth Century. (3) A. Prerequisites: ENG 101 and 102 (or 105). British poetry, prose, and drama of the Restoration and 18th century with emphasis on Dryden, Swift, Pope, and Johnson.
480 Romantic Literature. (3) A. Prerequisites: ENG 101 and 102 (or 105). Survey of British poetry, essays, and fiction of the Romantic period.

482 Victorian Literature. (3) A. Prerequisites: ENG 101 and 102 (or 105). Survey of British poetry, essays, and fiction of the Victorian period.

495 Independent Study. (1-3) A. Prerequisite: departmental approval. Individual study and/or research on a problem pertaining to literature or language. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

499 Senior Seminar: ______. (3) A. Prerequisites: senior status, a minimum 3.0 GPA (cumulative and in English courses), and instructor approval. An intensive study of an author or authors, a thematic motif, a literary movement, critical, rhetorical and language theory, or some other specialized study of language and/or literature.

500 Advanced Professional Writing: ______. (3) A. Prerequisites: ENG 101 and 102 (or 105) and either two additional courses in English; or instructor approval. Advanced study and practice in editing, technical writing, expository writing, or writing for the popular media. May be retaken with different topics to a maximum of six hours.

502 Advanced Creative Writing. (3) A. Prerequisites: ENG 101 and 102 (or 105) and instructor approval. Open to students who desire to have their manuscripts critiqued; fiction, drama, poetry, biography, or the informal essay accepted; guest lectures and discussion with writers in residence.

503 Creative Writing Workshop. (1-3) A. Prerequisites: ENG 101 and 102 (or 105) and instructor approval. A one-week course of 15 informal lectures and discussions by faculty and visiting lecturers. Each student registering for the writer's conference must submit a short story, a one-act play, four poems, or the equivalent.

510 Introduction to Linguistic Theory. (3) A. Prerequisites: ENG 101 and 102 (or 105) and two additional courses in English. An introduction to current linguistic theory and practice.

515 English as a Second Language. (3) A. Prerequisites: ENG 101 and 102 (or 105) and two additional courses in English. Study of theory related to techniques used in generating effective use of English as a second language.

520 History of the English Language. (3) A. Prerequisites: ENG 101 and 102 (or 105) and two additional courses in English. Study of the history of the English language in terms of social, historical, and linguistic forces from which it developed into modern English.

525 History of Rhetoric. (3) A. Prerequisites: ENG 101 and 102 (or 105) and 301. Study of classical and modern rhetoric as it applies to written discourse. Emphasis placed upon methods of invention, arrangement, and style to demonstrate their continuing utility.

530 Studies in a Genre: ______. (3) A. Prerequisites: ENG 101 and 102 (or 105) and two additional courses in literature. Study of a designated literary genre, such as Renaissance drama, the rise of the novel, or narrative poetry. May be retaken with different topics to a maximum of six hours.

531 Genre in Translation: ______. (3) A. Prerequisites: ENG 101 and 102 (or 105) and two courses in literature. Study of a designated literary genre primarily in translation, such as the epic, classical drama, or Continental fiction. May be retaken with different topics to a maximum of six hours.

535 Women Writers. (3) A. Prerequisites: ENG 101 and 102 (or 105) and two courses in literature. Study of literature by women writers.

540 Study of Popular Writings. (3) A. Prerequisites: ENG 101 and 102 (or 105) and two courses in literature. Exploration of the humanistic and cultural values expressed in popular formats through a survey of best sellers, the new journalism, detective fiction, science fiction, newspapers, and TV scripts.

545 Topics in Literary Relationships: ______. (3) A. Prerequisites: ENG 101 and 102 (or 105) and two courses in literature. An intensive study of relationships among works of literature as they relate to other disciplines. May be retaken with different topics to a maximum of six hours.

550 Topics in American Literature: ______. (3) A. Prerequisites: ENG 101 and 102 (or 105) and two courses in literature. An intensive study of a particular literary movement, a thematic literature, or contemporary directions in American literature. May be retaken with different topics to a maximum of six hours.

570 Topics in British Literature: ______. (3) A. Prerequisites: ENG 101 and 102 (or 105) and two courses in literature. An intensive study of a particular literary movement, a theme common to British literature, or contemporary directions in British literature. May be retaken with different topics to a maximum of six hours.

GSL—Learning Skills

090 Developmental Reading I. (3) I, II. Designed to develop reading skills through classroom instruction, discussion, and learning activities. Taken by referral or placement. Instrucntional level attained.

095 Developmental Reading II. (3) I, II. Designed to meet the instructional needs of students who have basic command of reading sub-skills but who lack the higher-level reading skills. Taken by referral or placement. Instructional level attained.

112 College Reading Study Skills. (3) I, II. Prerequisite: GSL 095; passing the reading screening examination or ACT composite of 18+. Emphasizes development of higher-level reading skills and study strategies. Instruction and practice in textbook reading, summary writing, listening, notetaking, vocabulary, test-taking, and learning techniques. Cannot receive credit if taken after GSL 115. Gen Ed 03

115 Learning Dynamics. (1) I, II. Five-week course concentrates on learning techniques for efficient and effective study of college reading materials. Emphasis on learning, storing, and retrieving information. Credit not available for students with credit in GSL 112. Gen Ed 03

116 Rapid Reading. (1) I, II. Five-week course concentrates on increasing reading efficiency by improving rate and comprehension. Emphasis on acquisition of skills and application of techniques. Gen Ed 03

201 Vocabulary-Symbols of Information. (3) I, II. Mastery of wide range of college-level vocabulary for reading, writing, speaking and listening. Instructions in using context and Greek and Latin elements to unlock meaning. Includes practice in solving verbal analogies. Gen Ed 03

225 Efficient Reading. (1) A. Concentrates on refining the ability to process information with flexibility and sophistication through systematic use of higher-level reading skills

006 Basic Communication Skills for International Students. (3-6 equivalent) A. Noncredit, intensive English language instruction for non-native speakers with pre-college-level proficiency. Instruction in English language skills of listening, speaking, reading, and survival communication skills.

DEPARTMENT OF
FOREIGN LANGUAGES

T. Langenbruch, Chair; Bettler, Boyd, S. Davis, Carter, K. Hill, R. King, MacKinnon, M. Scorsone, Spurlock, Wowk.

The Department of Foreign Languages offers courses in French, German, Greek, Italian, Japanese, Latin, Portuguese, Russian, and Spanish. A student may take a teaching major in French, German, or Spanish, or a teaching minor in French, German, or Spanish. Students may also take non-teaching majors or minors in French, German, or Spanish.

The Department of Foreign Languages offers a wide range of courses in the languages and cultures of other nations. Not only can the logical thinking skills involved in learning a foreign language be applied to students' other courses, but knowledge of a
second language also enriches students' command of English. Furthermore, through the study of foreign languages and cultures, students develop a broader perspective on the world and are able to compete more successfully in the increasingly multinational job market.

Students who enter Eastern with some knowledge of a foreign language, and who want to continue studying that language, will be helped to find the course type or particular course best suited for them through a placement examination. For more information, please consult with the department office.

Many courses may be inappropriate for students with native or near-native fluency in that particular language; therefore, departmental approval must be obtained by such students wishing to enrol for credit in these courses.

All French, German, and Spanish majors, both teaching and non-teaching, are required to pass a departmental proficiency exam in the spoken and written language, culture, and literature. Students will ordinarily take this exam no later than in the first semester of their senior year.

Students entering FRE 102/GER 102/SPA 102 by referral or placement are eligible to receive three hours credit by examination for FRE 101/GER 101/SPA 101 if they make an "A" in 102.

French
MAJOR (BACHELOR OF ARTS)

Major Requirements .................................................. 30 hours
A student may major in French by completing a minimum of 30 semester hours in French courses numbered 200 and above. The following courses are required: FRE 340 and 360; six hours from FRE 303, 313, 314, 315, 316, or 400; nine hours of upper division electives. A grade of "C" or higher is required in each course for credit toward the major. The major is strongly advised to take six hours in a second foreign language. In addition, the student is strongly advised to take three hours each in upper division English courses in grammar and literature.

General Education Requirements ...................................... 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ................................................. 9 hours
AHO 100; eight hours of restricted electives.

Free Electives ............................................................ 15 hours
Total Curriculum Requirements ....................................... 128 hours

MINOR IN FRENCH

A student may minor in French by completing a minimum of 21 hours in French, 12 of which must be in courses numbered 300 and above. The following courses are required: FRE 303 or another literature course, 340, and 360. A grade of "C" or higher is required in each course for credit toward the minor.

MINOR IN FRENCH (TEACHING)

A student may minor in French by completing a minimum of 21 semester hours in French, 12 of which must be in courses numbered 300 and above. The following courses are required: FRE 303 or another literature course, 340, and 360. Supporting course requirement: FCC 220. A grade of "C" or higher is required in each course for credit toward the minor.

German
MAJOR (BACHELOR OF ARTS)

Major Requirements .................................................. 30 hours
A student may major in German by completing a minimum of 30 semester hours in German courses numbered 200 and above. The following courses are required: six hours from GER 240, 340, or 440; 301 or 302; 360, 405, and FCC 222. A grade of "C" or higher is required in each course for credit toward the major. The major is strongly advised to take six hours in a second foreign language. In addition, the student is strongly advised to take three hours each in upper division English courses in grammar and literature.

General Education Requirements ...................................... 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ................................................. 9 hours
AHO 100; eight hours of restricted electives.

Free Electives ............................................................ 43 hours
Total Curriculum Requirements ....................................... 128 hours

French (Teaching)
MAJOR (BACHELOR OF ARTS)

Major Requirements .................................................. 30 hours
A student may major in French by completing a minimum of 30 semester hours in French courses numbered 200 and above. The following courses are required: FRE 340 and 360; six hours selected from FRE 303, 313, 314, 315, 316, or 400; nine hours of upper division electives. A grade of "C" or higher is required in each course for credit toward the major. The major is strongly advised to take six hours in a second foreign language. In addition, the student is strongly advised to take three hours each in upper division English courses in grammar and literature.

Teacher Education Requirements ..................................... 28 hours
EDF 102, 202, 317, EPY 318, ESE 443, 498, and 499.

German (Teaching)
MAJOR (BACHELOR OF ARTS)

Major Requirements .................................................. 30 hours
A student may major in German by completing 30 hours of German, at least 27 hours of which must be in courses numbered 200 and above. The following courses are required: six hours from GER 240, 340, or 440; 301 or 302; 360, 405, and FCC 222. State certification requirement of 30 hours may include GER 101 and 102. A grade of "C" or higher is required in each course for credit toward the major. The major is strongly advised
to take six hours in a second foreign language. In addition, the student is strongly advised to take three hours each in upper division English courses in grammar and literature.

Minor Requirements ........................................ 21 hours
A 21-hour teaching minor is required. To be chosen from the following areas: art, English, French, health, history, math, or Spanish.

Teacher Education Requirements .......................... 28 hours
EDF 102, 202, 317, EPI 318, ESE 443, 498, and 499.

General Education Requirements .......................... 48 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................... 9 hours
AHO 100; eight hours of restricted electives.

Total Curriculum Requirements ............................ 134 hours

MINOR IN GERMAN
A student may minor in German by completing a minimum of 18 semester hours in German courses numbered 200 and above. The following are required: three hours from GER 240, 340, or 440; 301 or 302; 360 or 405; and FCC 222. A grade of "C" or higher is required in each course for credit toward the minor.

MINOR IN GERMAN (TEACHING)
A student may minor in German by completing a minimum of 21 hours in German, 18 of which must be in courses numbered 200 and above. The following are required: three hours from GER 240, 340, or 440; 301 or 302; 360 or 405; and FCC 222. State certification requirements of 21 hours may include GER 101 and 102. A grade of "C" or higher is required in each course for credit toward the minor.

Spanish MAJOR (BACHELOR OF ARTS)

Major Requirements ....................................... 30 hours
A student who majors in Spanish will take a minimum of 30 semester hours in courses numbered 200 and above. A grade of "C" or higher is required in each course for credit toward the major. The major is strongly advised to take six hours in a second foreign language.

General Education Requirements .......................... 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................... 9 hours
AHO 100; eight hours of restricted electives.

Free Electives .................................................. 43 hours

Total Curriculum Requirements ............................ 128 hours

Spanish (Teaching) MAJOR (BACHELOR OF ARTS)

Major Requirements ....................................... 30 hours
A student may major in Spanish by completing a minimum of 30 hours with at least 27 semester hours in courses numbered 200 and above. The following courses are required: SPA 206 or 340 (waived in case of demonstrable oral proficiency); six hours from 301, 305, 306, or 307; 360 or 505. A grade of "C" or higher is required in each course for credit toward the major. The major is strongly advised to take six hours in a second foreign language.

Teacher Education Requirements .......................... 28 hours
EDF 102, 202, 317, EPI 318, ESE 443, 498, and 499.

General Education Requirements .......................... 46 hours
Standard General Education Program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................... 9 hours
AHO 100; eight hours of restricted electives.

Free Electives .................................................. 15 hours

Total Curriculum Requirements ............................ 128 hours

MINOR IN SPANISH
A student may minor in Spanish by completing a minimum of 18 semester hours in courses numbered 200 and above. A grade of "C" or higher is required in each course for credit toward the minor.

MINOR IN SPANISH (TEACHING)
A student may minor in Spanish by completing a minimum of 21 hours in Spanish, 18 of which must be in courses numbered 200 and above. The following courses are required: SPA 206 or 340 (waived in case of demonstrable oral proficiency); six hours from 301, 305, 306, or 307; 360 or 505. State certification requirements of 21 hours may include SPA 101 and 102. A grade of "C" or higher is required in each course for credit toward the minor.

Course Descriptions

FCC—Foreign Culture and Civilization

220 French Culture and Civilization. (3) A. Introduction to the unique values and traditions of the French nation and of French-speaking peoples as reflected in their aesthetic intellectual, and other cultural achievements. Taught in English. Gen. Ed. 07.

222 German Culture and Civilization. (3) A. Introduction to the unique values and traditions of the German peoples as reflected in their aesthetic intellectual, and other cultural achievements. Taught in English. Gen. Ed. 07.

224 Russian Culture and Civilization. (3) A. Introduction to the unique values and traditions of the Russian peoples as reflected in their aesthetic intellectual, and other cultural achievements. Taught in English. Gen. Ed. 07.

225 Spanish Culture and Civilization. (3) A. Introduction to the unique values and traditions of the Spanish nation as reflected in their aesthetic intellectual, and other cultural achievements. Taught in English. Gen. Ed. 07.

226 Spanish-American Culture and Civilization. (3) A. Introduction to the unique values and traditions of the Spanish-American nations as reflected in their aesthetic intellectual, and other cultural achievements. Taught in English. Gen. Ed. 07.

FLS—Foreign Language Studies

300 Elements of Foreign Language: (3) A. Prerequisites: departmental approval and the student's major departmental approval. Introduces basic linguistic structures of major European languages, including pronunciation and intonation patterns; sharpens awareness of linguistic differences. Gen. Ed. 03 or 04
FRE—French

101 Elementary French I. (3) I, II. Basic French conversation and grammar. Practice in speaking, comprehension, reading, and writing. Laboratory attendance required. Gen. Ed. 03 or 04.

102 Elementary French II. (3) I, II. Prerequisite: FRE 101 or equivalent proficiency. Continuation of FRE 101. Laboratory attendance required. Students entering FRE 102 by referral or placement are eligible to receive three hours credit by examination for FRE 101 if they make an "A" in 102. Gen. Ed. 03 or 04.

204 Review of French Grammar. (3) I, II. Prerequisite: FRE 102 or equivalent proficiency. Continuation of FRE 102. Laboratory attendance required. Gen. Ed. 03 or 04.

211 French Reading I. (3) A. Prerequisite: FRE 204 or equivalent proficiency. Emphasis on reading for comprehension and building vocabulary. Practice in oral discussions, grammar, and writing. Gen. Ed. 03 or 04.

212 French Reading II. (3) A. Prerequisite: FRE 211 or equivalent proficiency. Reading and comprehension of literary texts. Emphasis on building skills necessary for literature courses. Oral and written discussion of literary topics. Gen. Ed. 03 or 04.

FRE—German

101 Elementary German I. (3) I, II. Introduction to the grammar and structure of German. Practice in pronunciation, reading, writing, and conversation. Laboratory attendance required. Gen. Ed. 03 or 04.

102 Elementary German II. (3) I, II. Prerequisite: GER 101 or equivalent proficiency. Continuation of GER 101 using more advanced materials. Students entering GER 102 by referral or placement are eligible to receive three hours credit by examination for GER 101 if they make an "A" in 102. Gen. Ed. 03 or 04.

201 Intermediate German I. (3) I, II. Prerequisite: GER 102 or equivalent proficiency. Practice in grammar, reading, and writing at the intermediate level. Laboratory attendance required. Gen. Ed. 03 or 04.

202 Intermediate German II. (3) I, II. Prerequisite: GER 201 or equivalent proficiency. Continuation of GER 201. Gen. Ed. 03 or 04.

203 Scientific German. (3) A. Prerequisite: GER 201 or equivalent proficiency. May be used as an alternate course for GER 202. Certain selected scientific texts are read with emphasis on translation and grammar. Recommended for science majors.

204 Review of German Grammar. (3) A. Review of basic German grammar for students with sufficient high school German or the equivalent. Gen. Ed. 03 or 04.

240 Beginning Conversation. (3) A. Prerequisite: GER 201 or equivalent proficiency. Topics for conversation drawn from everyday situations. (Waived in case of demonstrable oral proficiency, but not open to native speakers.) Gen. Ed. 03 or 04.

260 Independent Laboratory Study. (1-3) A. Prerequisite: GER 202 or equivalent proficiency. Student will work with designated materials in the language laboratory to improve skills in the spoken language. Must have the independent laboratory study proposal form approved by faculty supervisor and department chair prior to enrollment.

300 German for Reading Knowledge. (3) A. Formerly GER 100. Accelerated study of reading skills for those students wanting a reading knowledge of German. Cannot be used for major, minor, or general education credit.

303 Introduction to French Literature. (3) A. Prerequisite: FRE 212 or equivalent proficiency. Selected readings from masterpieces of French literature with an introduction to the techniques of French literary analysis.

313 Masterpieces of the French Novel. (3) A. Prerequisite: FRE 212 or equivalent proficiency. A selection of the best French novels from all periods of French literary history read in the entirety.

314 Masterpieces of French Theater. (3) A. Prerequisite: FRE 212 or equivalent proficiency. Selected works from the masterpieces of French theater.

315 French Lyric Poetry. (3) A. Prerequisite: FRE 212 or equivalent proficiency. Study of lyric poetry with emphasis on the 16th and 19th centuries.

316 Contemporary French Literature. (3) A. Prerequisite: FRE 212 or equivalent proficiency. Representative works of the major French writers of the 20th century.

340 Intermediate French Phonetics. (3) A. Prerequisite: FRE 212 or equivalent proficiency. Intensive practice in the spoken language with emphasis on improving pronunciation and oral comprehension. The sound system of French is taught through phonetic exercises. Gen. Ed. 03 or 04.

349 Cooperative Study. (1-6) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: 16. A minimum of 80 hours employment required for each semester hour credit.

350 Intermediate French Conversation. (3) A. Prerequisite: FRE 212 or equivalent proficiency. Intensive practice in conversation with emphasis on vocabulary building and improving fluency in the language.

356 Intermediate Grammar and Composition. (3) A. Prerequisite: FRE 204 or equivalent proficiency. Intensive grammar study and introduction to composition. Gen. Ed. 03 or 04.

400 French Literary Studies:... (3) A. Prerequisite: FRE 303, 313, 314, 315, or 316. A selected topic from the major French authors and literary movements. May be taken to a maximum of six hours credit, if content is different.

401 French Language Studies:... (3) A. Prerequisite: FRE 360 or equivalent proficiency. A selected topic such as stylistics, linguistics, history of the language, advanced grammar or composition. May be taken to a maximum of nine hours credit if content is different.

440 Introduction to Business French. (3) A. Prerequisite: FRE 340 or 360 or equivalent proficiency. Develops oral and written skills with emphasis on language of business, industry, and the professions.

485 Independent Work in French. (1-3) A. Prerequisite: departmental approval. May be counted toward major or minor only with permission of department chair. May be taken to a maximum of six hours if content is different. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

GRE—Greek

101 Elementary Greek I. (3) A. Introduction to the grammar of classical Greek and the Koine Greek of the New Testament and to the reading of elementary texts. Recommended for students majoring in languages, ancient history, and religion. Gen. Ed. 03 or 04.

102 Elementary Greek II. (3) A. Continuation of GRE 101 with more advanced work in grammar and syntax and the reading of Xenophon's Anabasis. Gen. Ed. 03 or 04.

201 Readings in the Greek New Testament (Gospels). (3) A. Prerequisite: GRE 102 or equivalent proficiency. Selected readings from the four Gospels in the Greek New Testament.


ITA—Italian

101 Elementary Italian I. (3) A. Basic Italian pronunciation, conversation, and grammar. Materials used in speaking, reading, and writing reflect historical relevance and contemporary experience. Laboratory attendance required. Gen. Ed. 03 or 04.

102 Elementary Italian II. (3) A. Prerequisite: ITA 101 or equivalent proficiency. Laboratory attendance required. Continuation of ITA 101. Gen. Ed. 03 or 04.

201 Elementary Italian III. (3) A. Prerequisite: ITA 102 or equivalent proficiency. Continuation of ITA 102. Basic Italian conversation and grammar. Practice in speaking, reading, and writing. Laboratory attendance required. Gen. Ed. 03 or 04.

202 Intermediate Italian. (3) A. Prerequisite: ITA 201 or equivalent proficiency. Continuation of ITA 201. Basic Italian readings, conversation, and review of grammar. Gen. Ed. 03 or 04.

349 Cooperative Study. (1-8) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: 16. A minimum of 80 hours employment required for each semester hour credit.
495 Independent Work in Italian. (1-3) A. Prerequisite: departmental approval. The project may be undertaken only at the beginning of each semester. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

JPN—Japanese


102 Elementary Japanese II. (3) I, II. Prerequisite: JPN 101 or equivalent proficiency. Continuation of JPN 101. Emphasis on conversation. Laboratory attendance required. Gen. Ed. 03 or 04.

LAT—Latin

101 Elementary Latin I. (3) A. Study of basic inflections, syntax, pronunciation, and vocabulary necessary for the reading and progressive understanding of the Latin language. Particular attention is given to the relationship of Latin to English and other languages. Gen. Ed. 03 or 04.

102 Elementary Latin II. (3) A. Prerequisite: one unit of high school Latin or LAT 101. A continuation of the study of the elements of Latin grammar with additional work in translation of selections from Latin writers of appropriate complexity. Some composition included. Gen. Ed. 03 or 04.

201 Intermediate Latin I. (3) A. Prerequisite: two or three units of high school Latin or LAT 102. Rapid review of grammar. Selections from such writers as Caesar, Cicero, Nepos, Ovid, Catullus. Ed. Gen. Ed. 03 or 04. 102

202 Intermediate Latin II. (3) A. Prerequisite: two or three units of high school Latin or the equivalent. Continuation of LAT 201. Gen. Ed. 03 or 04.

POR—Portuguese

349 Cooperative Study. (1-8) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: 16. A minimum of 80 hours employment required for each semester hour credit.

501 Accelerated Elementary Portuguese I. (3) A. Prerequisites: upper division standing and 202 level or equivalent of another foreign language. Fundamentals of the Portuguese language. Gen. Ed. 03 or 04.

502 Accelerated Elementary Portuguese II. (3) A. Prerequisite: POR 501 or equivalent proficiency in Portuguese. Composition, conversation, and reading in Luso-Brazilian studies. Gen. Ed. 03 or 04.

595 Independent Work in Portuguese. (1-3) A. Prerequisites: POR 501 or equivalent and departmental approval. Independent study in either language or literature on a subject of special need or interest to the advanced student. May be repeated to a maximum of six hours if content is different. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

GRADUATE COURSES

701 Accelerated Elementary Portuguese I. (3) A.

702 Accelerated Elementary Portuguese II. (3) A.

795 Independent Work in Portuguese. (1-3) A.

RUS—Russian

101 Elementary Russian I. (3) I, II. An introduction to the structure and grammar of Russian with an emphasis on pronunciation and conversation. Gen. Ed. 03 or 04.

102 Elementary Russian II. (3) A. Prerequisite: RUS 101 or equivalent proficiency. Continuation of RUS 101. Gen. Ed. 03 or 04.

201 Intermediate Russian I. (3) A. Prerequisite: RUS 102 or equivalent proficiency. Continuation of RUS 102. Gen. Ed. 03 or 04.

202 Intermediate Russian II. (3) A. Prerequisite: RUS 201 or equivalent proficiency. Grammar and structure review through a balanced use of the four basic skills: reading, speaking, writing, and aural comprehension. Gen. Ed. 03 or 04.

205 Beginning Conversation. (3) A. Prerequisite: RUS 202 or equivalent proficiency. Required of all minors. (Waved in case of demonstrable oral proficiency, not open to native speakers.) Gen. Ed. 03 or 04.

305 Composition and Conversation. (3) A. Prerequisite: RUS 202 or equivalent proficiency. Review of grammar. Conversations and composition on topics drawn from everyday life.

306 Composition and Translation. (3) A. Prerequisite: RUS 305 or equivalent proficiency. Reading and discussion of contemporary Russian prose selections. Composition and grammar review.

494 Cooperative Study. (1-8) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: 16. A minimum of 80 hours employment required for each semester hour credit.

495 Independent Work in Russian. (1-3) A. Prerequisite: departmental approval. May be counted toward major or minor only with permission of department chair. May be repeated to a maximum of six hours if content is different. Student must have the independent study proposal form approved by the faculty supervisor and department chair prior to enrollment.

SPA—Spanish

101 Elementary Spanish I. (3) I, II. Introduction to the grammar and structure of Spanish. Practice in pronunciation, reading, writing, and conversation using materials relevant to contemporary experiences. Laboratory attendance required. Gen. Ed. 03 or 04.

102 Elementary Spanish II. (3) I, II. Prerequisite: SPA 101 or equivalent proficiency. Continuation of SPA 101 using more advanced materials. Students entering SPA 102 by referral or placement are eligible to receive three hours credit by examination for SPA 101 if they make an 'A' in 102. Gen. Ed. 03 or 04.

201 Intermediate Spanish I. (3) I, II. Prerequisite: SPA 102 or equivalent proficiency. Grammar review and continuation; readings, compositions and discussions in Spanish on cultural topics. Gen. Ed. 03 or 04.

202 Intermediate Spanish II. (3) I, II. Prerequisite: SPA 201 or equivalent proficiency. Continuation of SPA 201. Gen. Ed. 03 or 04.

205 Beginning Conversation. (3) I, II. Prerequisite: SPA 202 or equivalent proficiency (not open to native speakers). Gen. Ed. 03 or 04.

215 Applied Communications Skills in Spanish. (3) A. Basic course to provide the student with essential communication skills needed in dealing with Spanish-speaking communities. No previous knowledge of Spanish required. Gen. Ed. 03 or 04.

301 Introduction to Reading Literature in Spanish. (3) A. Prerequisite: SPA 202 or equivalent proficiency. Study of literary concepts, terms, style, and techniques of analysis based on readings of literary selections from a variety of genres and periods.

305 Survey of Hispanic Literature I. (3) A. Prerequisite: SPA 202 or equivalent proficiency. Readings and analyses of representative authors, works and movements from both Spain and Spanish America from the Middle Ages to 1700.

306 Survey of Hispanic Literature II. (3) A. Prerequisite: SPA 202 or equivalent proficiency. Readings and analyses of representative authors, works and movements from both Spain and Spanish America in the 18th and 19th centuries.

307 Survey of Hispanic Literature III. (3) A. Prerequisite: SPA 202 or equivalent proficiency. Readings and analyses of representative authors, works and movements from both Spain and Spanish America including the Generation of 1898, Modernism, and the 20th century.

340 Intermediate Spanish Conversation. (3) A. Prerequisite: SPA 206 or equivalent proficiency (not open to native speakers). Gen. Ed. 03 or 04.

349 Cooperative Study. (1-3) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: 16. A minimum of 80 hours employment required for each semester hour credit.

360 Intermediate Grammar and Composition. (3) A. Prerequisite: SPA 202 or equivalent proficiency. Gen. Ed. 03 or 04.

495 Independent Work in Spanish. (1-3) A. Prerequisite: departmental approval. May be counted toward major or minor only with permission of department chair. May be repeated to a maximum of six hours if content is different. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

505 Advanced Grammar and Composition. (3) A. Prerequisite: upper division standing in Spanish or equivalent. Correct usage of Spanish through intensive grammar analysis and its application in original compositions.

572 Hispanic Literature: (3) A. Prerequisite: SPA 301 and three hours from SPA 305, 306, or 307. Study of a selected literary topic. May be repeated to a maximum of nine hours if content is different.

GRADUATE COURSES

705 Advanced Grammar and Composition. (3) A.

772 Hispanic Literature: (3) A.

880 Special Studies. (1-3) A.
DEPARTMENT OF HUMANITIES

A. Brooks, Chair; Holland, Shearon, Shin, Wright.

The Department of Humanities offers interdisciplinary courses designed to meet University general education requirements for graduation. These courses have been developed to help students gain a better understanding of what it means to be human; to develop within students an appreciation for the significant creative achievements of human beings around the world; and to provide students with an intellectual foundation for clarifying and developing moral and aesthetic values that will help them to live meaningfully, responsibly, and productively. Through these courses, students develop an understanding of human values, an awareness of cultural traditions, critical perspectives on those traditions, a sensitivity to language and the arts, and an inquisitiveness about meaning. Each of the courses provides opportunities for written and oral communication.

The Department of Humanities offers a minor in humanities which is designed to integrate insights into human experience gained from a study of significant works of literature, visual art, music, religion, and philosophy. The minor in humanities is a meaningful complementary curriculum for any specialized major field of study. In providing a broad knowledge base for an understanding of human values, it gives students an opportunity to clarify attitudes and qualities of mind that enhance their capacity for experiencing meaning in all aspects of their lives.

MINOR IN HUMANITIES
A student may minor in humanities by completing 18 to 24 hours as follows: HUM 124; 226 or 228; PHI 100; MUS 272; ART 390 or 391; six hours from the following: ENG 350, 351, 352, 353, 474, SPE 340, or any of the upper-division foreign language literature courses; and HUM 410. Students who elect PHI 100 to meet Symbols of Information requirements must take PHI 320. When the major and the minor require the same courses, a maximum of six hours may be waived from the minor upon the recommendation of the Chair of the Department of Humanities.

Course Descriptions
HUM—Humanities

124 Introduction to Humanities. (3) L II. Not open to seniors. No credit after earning nine or more hours of general education humanities. This course introduces students to a consideration of what it means to be human. An interdisciplinary approach leads students to recognize basic human qualities expressed in examples of literature, visual art, and music from around the world. Gen. Ed. 07.

226 Human Experience in Traditional Cultures. (3) L II. Prerequisite: HUM 124. This course explores universal concerns about human experience expressed in examples of the literature, visual art, and music of traditional world cultures. Gen. Ed. 05.

228 Human Experience in the Modern World. (3) L II. Prerequisites: HUM 124 and HUM 226 or ENG 211. This course examines human experience from the perspective of differences that exist between traditional and modern ways of thinking with special focus on the creativity, dignity, and responsibility of the individual. Relevant topics are explored in examples of literature, visual art, and music from selected cultures throughout the modern world. Gen. Ed. 06.

300 The Individual in Contemporary Society. (3) A. Prerequisites: HUM 226 or ENG 211 and HUM 228 or ENG 212. The major concern of this course is the problem of establishing and maintaining human dignity and personal worth in rapidly changing contemporary society. This problem is explored in selected examples of contemporary literature, visual art, and music. Gen. Ed. 08.

310 The Creative Imagination in Humanities and Science. (3) A. Prerequisites: HUM 226 or ENG 211 and HUM 228 or ENG 212. The purpose of this course is to examine the role of the creative imagination in humanities and modern science. Students will study and examine selected works in the areas of science and humanities for the purpose of discovering the role of the imagination in solving human problems in the contemporary world. Gen. Ed. 08.

400 Topics in Humanities. (3) A. An examination of a selected topic for the purpose of increasing one's understanding of the human experience. Study of the topic will involve an interdisciplinary approach and a global perspective. May be retaken to a maximum of six hours credit if the topic is different each time.

410 Humanities Seminar. (A) Prerequisite: departmental approval. Provides students with an opportunity to integrate insights into human experience derived from a study of various creative, religious, and philosophical expressions of humankind. Introduces students to bibliographic tools and research methods appropriate to the study of humanities.

DEPARTMENT OF MUSIC

J. Roberts, Chair; Beeler, Boewe, Bromley, Cooper, Crosby, Duncan, Eisensmith, Greenlee, Hartwell, Henrickson, Hoagland, James, Sehmann, Smith, Staples, R. Surplus, Thomas, Whitlock, Wolfrom.

The functions of the Department of Music are to:
1) Prepare music specialists for the public school;
2) Prepare students for careers in teaching in private schools and colleges and universities;
3) Prepare students for professional solo and/or ensemble performances;
4) Prepare students for careers in the music industry;
5) Provide specialized instruction for the elementary classroom teacher; and
6) Provide courses which contribute to the general education and cultural development of all students.

DEGREES AND OPTIONS
The Department of Music offers a variety of undergraduate degrees and options:
Bachelor of Music in Performance
Bachelor of Arts, Major in Music
with options in:
General Music
Music Merchandising
Theory/Composition
Bachelor of Music Education
Bachelor of Fine Arts in the Performing Arts (Musical Theatre)

During the fourth semester of applied study, music majors must satisfactorily complete an examination in applied music performance before the department faculty. Transfer students who complete their fourth semester of applied study before transferring to Eastern must complete this examination early in their first semester at Eastern.

This examination should be completed before enrolling in MUS 371, 372, 390, or 391. See your applied music instructor for examination materials.

PIANO CERTIFICATION REQUIREMENTS
All music majors and minors, and performing arts majors, must meet piano proficiency requirements of the Department of Music. At the time of entrance, piano proficiency levels of all students must be ascertained. Instruction is provided for those who do not meet the described standards.

For a detailed description of the examination requirements, and representative examples of each item, please consult the current Piano Proficiency Guidelines available from the keyboard coordinator. At any time during the year a student may petition to take the
Piano Proficiency Examination. Successful completion of the examination exempts the students from further attendance in piano class.

THEORY PLACEMENT INTERVIEW
The purpose of this interview is to determine eligibility of students for college level work in class piano and theory. Instruction is provided for those who do not meet the prescribed standards (MUS 102-109). A detailed description of the theory placement test may be obtained from the theory coordinator.

APPLIED MUSIC
Applied music instruction is required throughout the four years of the prescribed curricula in the various degree programs. Instruction is given in individual lessons of one or two one-half hour periods per week. Applied students must complete a jury examination at the end of each semester.

Recital Attendance. Attendance at the weekly departmental recitals and master classes is a regularly scheduled part of applied music instruction for majors. Students should attend all approved University concerts and recitals.

BACHELOR OF MUSIC IN PERFORMANCE
All candidates for the Bachelor of Music in Performance degree will perform a qualifying audition. Candidates will be placed on probationary status from one to four semesters or accepted as full candidates for the degree. At the end of the probationary period, the student may re-audition for full candidacy. Appeal procedures are on file in the Department of Music. The Audition Committee will consist of at least three members of the faculty including the applied teacher.

SOLO RECITAL PERFORMANCE
This degree program requires two solo recitals: a half recital (MUS 399) and a whole recital (499).

ENSEMBLE REQUIREMENTS
Each student in the Bachelor of Music degree program must be enrolled in an ensemble which reflects the student’s major applied area during each semester of residence with the approval of the major applied teacher and the department chair. Pianists and organists may fulfill the requirements through accompanying.

Music
MAJOR (BACHELOR OF MUSIC)

Major Requirements ..................................................74 hours
MUS 181, 182, 272, 281, 282, 366; 367 or 368; 371, 372, 383, 399, 480, 481, 499 (two hours), 550 (one hour), 551 (one hour), and three hours from upper division courses in music history and literature. Applied majors, instrument or voice: 23 hours. Two hours credit per semester in first and second years, four hours credit fifth semester, three hours credit sixth semester, and four hours credit seventh and eighth semesters.

Music Ensemble: eight hours.

Supporting Course Requirements ....................3 or 6 hours
Foreign language: voice majors, six hours; instrumental majors, three hours.

General Education Requirements ..................40 hours
Standard General Education program, excluding course catego-

ries 07 and 08. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ...........................................9 hours
AHO 100; eight hours of restricted electives.

Free Electives (Instrumental majors only) .............2 hours

Total Curriculum Requirements (Instrumental majors) ..........128 hours

Music
MAJOR (BACHELOR OF ARTS)

Major Requirements ........................................58-73 hours
Core ..................................................................21 hours
MUS 181, 182, 272, and 584; eight hours of applied instrument or voice.

Options:
General Music ..............................................37 hours
MUS 281, 282, 371, 372, 480, and 481; four additional hours of upper division applied instrument or voice; eight hours of music ensembles; upper division music electives (five hours or four plus recital-MUS 499; one optional hour subject to the approval of the student’s applied area committee).

Music Merchandising ........................................52 hours
MUS 230, 251, 273, 351, 354, 390, and 391; eight hours of music ensembles; ACC 201 +, ECO 230 +, CIS 212 +, MGT 300, MKT 300, PUB 375, LAS 210; 12 hours of business electives to be selected from the following courses: ACC 202, ACS 201, 300, ECO 231, MGT 304, 310, 320, MGT 330, or CIS 230. (The student may add any number of hours of co-op experience (MUS 349) subject to the approval of the music merchandising committee).

Theory and Composition ................................37 hours
MUS 281, 282, 283 (two hours), 371, 372, 383, 480, 481, and 483 (four hours); two additional hours from 483 or 585, 555 or 556; four hours of upper division music electives.

Supporting Course Requirements ....................15 hours
General Music and Theory and Composition Options
Six hours of foreign language; three hours lower division and six hours upper division selected from any area in Arts and Humanities, except music.

General Education Requirements ..................46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements:
AHO 100; eight hours of restricted electives .............9 hours

Total Curriculum Requirements ..........................128 hours

+ These three courses must be completed prior to attempting upper division courses in the College of Business.

BACHELOR OF MUSIC EDUCATION
Applied Music and Honors Recital (BME)
Students in the Bachelor of Music Education (Teaching) program will register for a minimum of seven hours of applied instruction in an instrument or voice to continue every semester of residence except the practice-teaching semester. The student may present a half honors recital (MUS 499) in place of the
seventh hour of applied instruction, if recommended by the applied teacher and the Applied Music Committee. Students not presenting an Honors Recital will take an extended final Jury examination. More detailed information concerning recital requirements in the Bachelor of Music Education degree may be obtained from the Department of Music.

Ensembles (BME)

Students must be enrolled for seven semesters in ensembles which reflect the major performing specialty, as follows:
1) Brass, woodwind, and percussion majors will elect Marching Band during all fall semesters in residence and Concert Band during spring semesters;
2) String majors must participate in Orchestra a minimum of seven semesters;
3) Keyboard majors may fulfill the seven semester ensemble requirement in either a vocal or instrumental ensemble or by accompaniment duties in the junior and senior years as specified by the keyboard faculty; and
4) Vocal students will elect Concert Choir or University Singers for seven semesters.

Students enrolling in more than three ensembles should receive permission for such participation from their applied teacher, ensemble director, and advisor.

Music (Teaching)

TEACHING AREA (BACHELOR OF MUSIC EDUCATION)

Major Requirements .................................................53 hours

Teacher Education Requirements ......................25 hours
EDF 102, 202, 317, EPY 318, ESE 498, and 499.

General Education Requirements .....................40 hours
Standard General Education program, excluding course categories 07 and 08. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..........................9 hours
AHO 100; eight hours of restricted electives.

In addition to the above requirements, students must elect one of the following plans for teacher certification.

1. Instrumental Certification .................................................9 hours
MUS 364 (1), 365 (1), 367 (1), 370 (2), 383 or 384 (2), and ESE 457 (2).

2. Vocal Certification .............................................7 hours
MUS 364 (1), 365 (1), 366 (1), 382 (2), and ESE 458 (2).

3. Instrumental and Vocal Certification
Students may be certified in both areas by completing one of the certification plans above and an additional 12 hours in the other area as specified:
A. Vocal Certification for Instrumental
Students .........................................................6 hours
MUS 320 (1), 368 (1), 382 (2), and ESE 458 (2).
Applied music (keyboard: two or three hours; voice: two or three hours) ...........4 or 5 hours
Choral ensemble ....................................1 or 2 hours
Total .........................................................12 hours
B. Instrumental Certification for Vocal
Students .........................................................7 hours
MUS 367 (1), 370 (2); 383 or 384 (2), and ESE 457 (2).

Applied music (keyboard: one or two hours; instrument: one or two hours) ................3 or 4 hours
Instrumental ensemble .................1 or 2 hours

Total Curriculum Requirements with Instrumental Certification .................................................136 hours
Total Curriculum Requirements with Vocal Certification .........................................................134 hours
Total Curriculum Requirements with Instrumental Major and Vocal Certification .............148 hours minimum
Total Curriculum Requirements with Vocal Major and Instrumental Certification .............146 hours minimum

MINOR IN MUSIC
MUS 181, 182, 371, 372, and four hours of electives in music. .........................18 hours
Candidates must pass the Piano Proficiency Examination or take MUS 110 and 111 which cannot be counted as a part of the minor.

GRADUATE PROGRAMS

Graduate study in music can lead to the Master of Music degree, with options in performance, theory/composition, and choral conducting. The Master of Music Education degree and Rank I Certification are offered in the College of Education with the cooperation of the Department of Music.

The program of study includes required subjects in music education teaching techniques, music history and literature, structure and organization in music, applied music, and related fields. Flexibility is provided for students to pursue particular interests in the field of music.

Qualifications for admission and procedures for entrance may be found in the Graduate Catalog. More detailed information may be obtained by writing the Department of Music or the Doan of the Graduate School.

Course Descriptions

APPLIED MUSIC
MUS—Music

109 Introductory Class Piano, (1) I. For students enrolled in MUS 102. Elementary keyboard techniques and reading drill. Credit does not count toward a music major or minor.

110 Beginning Class Piano I, (1) I, II. Corequisite: MUS 181. Prepares non-piano majors to meet Level I Piano Proficiency Examination requirements. Basic keyboard skills, elementary repertoire, and technique. Some music reading ability required. May be retaken to a maximum of two hours. Credit does not count toward a music major or minor.

111 Beginning Class Piano II, (1) I, II. Prerequisite: MUS 110 or instructor approval. Corequisite: MUS 182. Continuation of MUS 110. May be retaken to a maximum of two hours. Credit does not count toward a music major or minor.

112 Piano I, (1-2) I, II. One or two lessons per week. May be retaken to a maximum of four hours.

114 Keyboard Skills I, (1) I, II. Corequisite: MUS 181. Prepares piano majors and other music majors with advanced keyboard background to meet Level II Piano Proficiency Examination requirements. Emphasis is on functional skills, such as reading, transposing, playing by ear, harmonizing and improvising, combined with keyboard harmony, technique, and memorization skills.

115 Keyboard Skills II, (1) I, II. Prerequisite: MUS 114 or instructor approval. Corequisite: MUS 182. Continued development of skills begun in MUS 114 to prepare piano majors and other music majors with advanced keyboard background to meet Level IV Piano Proficiency Examination Requirements.

120 Voice I, (1-2) I, II. One or two lessons per week. May be retaken to a maximum of four hours.

132a Violin I, (1-2) I, II. One or two lessons per week. Instruction available in violin. May be retaken to a maximum of four hours.

132b Viola I, (1-2) I, II. One or two lessons per week. Instruction available in viola. May be retaken to a maximum of four hours.
II. Scoring or maximum

One Prerequisite:

II. One

11. ii.

French Saxophone. Marching two viola

One Two

Corequisite:

11. One Two

Prerequisite:

11. One Two

Baritone Horn I. Ii. One or two lessons per week. Instruction available in baritone horn. May be retaken to a maximum of four hours.

145d Trombone I. Ii. Ii. One or two lessons per week. Instruction available in trombone. May be retaken to a maximum of four hours.

145e Tuba I. I(2)-I. Ii. One or two lessons per week. Instruction available in tuba. May be retaken to a maximum of four hours.

146a Flute I. I(2)-I. Ii. One or two lessons per week. Instruction available in flute. May be retaken to a maximum of four hours.

146b Oboe I. I(2)-I. Ii. One or two lessons per week. Instruction available in oboe. May be retaken to a maximum of four hours.

146c Clarinet I. I(2)-I. Ii. One or two lessons per week. Instruction available in clarinet. May be retaken to a maximum of four hours.

146d Bassoon I. I(2)-I. Ii. One or two lessons per week. Instruction available in bassoon. May be retaken to a maximum of four hours.

146e Saxophone I. I(2)-I. Ii. One or two lessons per week. Instruction available in saxophone. May be retaken to a maximum of four hours.

147 Percussion I. I(2)-I. Ii. One or two lessons per week. May be retaken to a maximum of four hours.

211 Intermediate Class Piano I. I(1)-I. Ii. Prerequisite: MUS 210 or instructor approval. Corequisite: MUS 228. Continuation of MUS 210. May be retaken to a maximum of two hours. Credit does not count toward a major or minor.

212 Intermediate Class Piano II. I(1)-I. Ii. Prerequisite: MUS 210 or instructor approval. Corequisite: MUS 228. Continuation of MUS 210. May be retaken to a maximum of two hours. Credit does not count toward a major or minor.

222 Voice I. I(2)-I. Ii. One or two lessons per week. May be retaken to a maximum of four hours.

223 Violin I. I(2)-I. Ii. One or two lessons per week. Instruction available in violin. May be retaken to a maximum of four hours.

223b Viola I. I(2)-I. Ii. One or two lessons per week. Instruction available in viola. May be retaken to a maximum of four hours.

223c Violin I. I(2)-I. Ii. One or two lessons per week. Instruction available in violin. May be retaken to a maximum of four hours.

223d String Bass I. I(2)-I. Ii. One or two lessons per week. Instruction available in string bass. May be retaken to a maximum of four hours.

223e Viola da gamba I. I(2)-I. Ii. One or two lessons per week. Instruction available in viola da gamba. May be retaken to a maximum of four hours.

224 Guitar I. I(2)-I. Ii. One or two lessons per week. Instruction available in guitar. May be retaken to a maximum of four hours

225 Organ I. I(2)-I. Ii. One or two lessons per week. May be retaken to a maximum of four hours.

245a Cornet and Trumpet I. I(2)-I. Ii. One or two lessons per week. Instruction available in cornet and trumpet. May be retaken to a maximum of four hours.

245b French Horn I. I(2)-I. Ii. One or two lessons per week. Instruction available in French horn. May be retaken to a maximum of four hours.

245c Baritone Horn I. I(2)-I. Ii. One or two lessons per week. Instruction available in baritone horn. May be retaken to a maximum of four hours.

245d Trombone I. I(2)-I. Ii. One or two lessons per week. Instruction available in trombone. May be retaken to a maximum of four hours.

245e Tuba I. I(2)-I. Ii. One or two lessons per week. Instruction available in tuba. May be retaken to a maximum of four hours.

246a Flute I. I(2)-I. Ii. One or two lessons per week. Instruction available in flute. May be retaken to a maximum of four hours.

246b Oboe I. I(2)-I. Ii. One or two lessons per week. Instruction available in oboe. May be retaken to a maximum of four hours.

246c Clarinet I. I(2)-I. Ii. One or two lessons per week. Instruction available in clarinet. May be retaken to a maximum of four hours.

246d Bassoon I. I(2)-I. Ii. One or two lessons per week. Instruction available in bassoon. May be retaken to a maximum of four hours.

246e Saxophone I. I(2)-I. Ii. One or two lessons per week. Instruction available in saxophone. May be retaken to a maximum of four hours.

247 Percussion I. I(2)-I. Ii. One or two lessons per week. May be retaken to a maximum of four hours.
MUSIC ENSEMBLES
Ensembles are open to all students enrolled in the University and to qualified persons not enrolled. Interested individuals are invited to participate and should confer with the director of each ensemble to arrange for an audition.

MUS—Music
127, 327 Opera Workshop. (1-2) I, II. Prerequisite: instructor approval. Preparation and presentation of opera scenes and complete works. All phases of performance and technical procedures of staging, costumes, and management.

205 Chamber Music. (1-2) I, II. Study and performance of standard chamber music literature. Open to pianists, vocalists, string, wind, and percussion players upon recommendation of instructor. Course may be repeated.

223 Show Choir. (1) I, II. Formerly part of MUS 225-425-825. Rehearsal and performance of show choir literature. Course open by audition only. May be repeated to a maximum of four hours credit.

224 Madrigal Singers. (1) I, II. Formerly part of MUS 225-425-825. Rehearsal and performance of choral literature. Course open by audition only. May be repeated to a maximum of four hours credit.

2432 Violin cello I. (1-2) I, II. One or two lessons per week. Instruction available in violin-cello. May be repeated to a maximum of eight hours.

3432 String Bass IV. (1-2) I, II. One or two lessons per week. Instruction available in string bass. May be repeated to a maximum of eight hours.

3432 Volo da gambe IV. (1-2) I, II. One or two lessons per week. Instruction available in viola da gamba. May be repeated to a maximum of eight hours.

4332 Guitar IV. (1-2) I, II. One or two lessons per week. Instruction available in guitar. May be repeated to a maximum of eight hours.

442 Organ IV. (1, 2 or 4) I, II. One or two lessons per week. May be repeated.

454a Cornet and Trumpet IV. (1-2) I, II. One or two lessons per week. Instruction available in cornet and trumpet. May be repeated to a maximum of eight hours.

455b French Horn IV. (1-2) I, II. One or two lessons per week. Instruction available in French horn. May be repeated to a maximum of eight hours.

455c Baritone Horn IV. (1-2) I, II. One or two lessons per week. Instruction available in baritone horn. May be repeated to a maximum of eight hours.

445d Trombone IV. (1-2) I, II. One or two lessons per week. Instruction available in trombone. May be repeated to a maximum of eight hours.

444e Tube IV. (1-2) I, II. One or two lessons per week. Instruction available in tuba. May be repeated to a maximum of eight hours.

446d Flute IV. (1, 2, or 4) I, II. One or two lessons per week. Instruction available in flute. May be repeated to a maximum of eight hours.

466d Clarinet IV. (1, 2, or 4) I, II. One or two lessons per week. Instruction available in clarinet. May be repeated to a maximum of eight hours.

466d Bassoon IV. (1, 2, or 4) I, II. One or two lessons per week. Instruction available in bassoon. May be repeated to a maximum of eight hours.

466d Saxophone IV. (1, 2, or 4) I, II. One or two lessons per week. Instruction available in saxophone. May be repeated to a maximum of eight hours.

447 Percussion IV. (1, 2 or 4) I, II. One or two lessons per week. May be repeated.

499 Recital. (1 or 2) I, II.

512 Piano V. (1 or 4) I, II. May not be taken for credit by piano majors.

513 Techniques of Accompanying. (1) I, II. Practical training in the tradition, interpretation, and execution of accompaniments. May be repeated to a maximum of two hours.

522 Voice V. (1 to 4) I, II. May not be taken for credit by voice majors.

542 Organ V. (1 to 4) I, II. May not be taken for credit by organ majors.

102 Introduction to the Fundamentals of Music. (3) I, II. Required by students whose musical experience and preparation, as indicated by the Theory Placement Interview, are deemed insufficient to complete MUS 181. Credit does not count toward a music major or minor.

171 Enjoyment of Music. (3) I, II. May not count toward a music major or minor. Provides the general college student with a cultural background in music. Masterpieces of music, composers, and techniques presented through listening materials and concert attendance. Gen. Ed. 07

181 Beginning Theory I. (4) I, II. Corequisite: MUS 110 or equivalent. Perception and understanding of music through an integrated study of relatively simple, short structures from the last Baroque to the early Romantic periods.

182 Beginning Theory II. (4) I, II. Corequisite: MUS 111 or equivalent. Continuation of MUS 181.


281 Intermediate Theory III. (4) I, II. Prerequisite: MUS 182. Corequisite: MUS 210 or equivalent. Continuation of MUS 182. Integrated skills further developed through the study of more difficult, longer structures from the Baroque and Classical periods.

282 Intermediate Theory IV. (4) I, II. Prerequisite: MUS 281. Corequisite: MUS 211 or equivalent. Continuation of MUS 281. Integrated skills further developed through the study of more difficult structures from the Romantic and Modern periods.

283 Beginning Composition. (1) A. Prerequisite: instructor approval. Guidance in the exploration and development of compositional techniques relevant to the student's stylistic direction. Correct notation and major stylistic analysis stressed. May be repeated to a maximum of four hours provided the subject matter is different each time.

285 Jazz Improvisation. (2) A. Prerequisite: instructor approval. Open to music majors only. Work with an instrumental performer for improving in contemporary jazz idioms. May be repeated to a maximum of four hours.

349 Cooperative Study: Music. (1-8) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 40 hours employment required for each semester hour credit.

360 Music Fundamentals for the Elementary Teacher. (2) I, II. Open only to elementary education majors who have been admitted to the Teacher Education Program. Provides the grade teacher with sufficient knowledge and skills to teach music in the classroom. Notation, rhythmic participation, rhythm and melody instruments, creative activities, and listening experiences.

366 Fundamentals of Conducting. (1) I, II. Prerequisite: junior standing in music or instructor approval. Basic techniques of conducting.


368 Choral Conducting. (1) I, II. Prerequisite: MUS 366. Choral conducting techniques and their application in rehearsal and performance.


372 Music History II. (3) I, II. Prerequisite: MUS 371 or instructor approval. Survey of music history from the Classical era to the present. Gen. Ed. 07.

383 Orchestration. (2) I, II. Survey of ranges, timbres, and characteristics of orchestral instruments and the fires in which and how they are used. Prerequisite: MUS 368 or instructor approval.

384 Scoring for Band. (2) I, II. Primary course in instrumentation and arranging for band. Scoring for small ensembles, marching band, concert band, and other combinations of wind and percussion instruments.

386 Co-conducted Courses. (1) A. Prerequisite: MUS 282 or instructor approval. Methods and techniques of scoring for contemporary percussion. Emphasis on notational changes and performance techniques other than traditional.

390 Survey of the Music Industry I. (2) I. Examination of the music industry including marketing and promotion, advertising, record production and companies, commercial radio and records, and radio business. A project reflecting course study is required.
DEPARTMENT OF PHILOSOPHY AND RELIGION

J.R. Miller, Chair; B. Gray, B. Harris, W. Jones, Messerich, Nordgulen, F. Williams.

The Department of Philosophy and Religion offers a comprehensive undergraduate major in philosophy for students who wish to understand the main ideological forces at work in both the East and West. The program is designed to prepare students for graduate study at other universities as well as for advanced professional training in fields where a background in philosophy is highly recommended. As part of the University's general goal to offer programs of study which prepare men and women to take their place in the continuing development of a democratic society, philosophy seeks to cultivate the art of effective and clear reasoning and offers the student a thorough grounding in philosophical ideas and concepts.

The major in religion seeks, without sectarian or denominational bias, to provide the student with a scholarly access to all the world religions—their doctrines, their historical development and their forms of ritual and worship. On such a foundation, the student should be able to continue the study of religion at a graduate school for the purpose of obtaining an advanced teaching or research degree, or at a theological seminary for the purpose of preparing for a religious vocation. In addition, the program is designed to provide a good basic education in religion for the religious laity.
Philosophy MAJOR (BACHELOR OF ARTS)

Major Requirements .......................................................... 33 hours
PHI 100, 110, 130, 300, 310, 320, 330, and 390 or 500; plus any additional nine hours in philosophy as approved by the department chair. Six hours of religion may be counted as part of the nine hours.

General Education Requirements ...................................... 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................................... 9 hours
AHO 100; eight hours of restricted electives.

Free Electives ................................................................. 40 hours
Total Curriculum Requirements ......................................... 128 hours

MINOR IN PHILOSOPHY

A minor consists of 18 hours in philosophy, including at least three hours in PHI 100, 110, 130, 300, or 320. Three hours of religion may be counted in a minor.

Religion MAJOR (BACHELOR OF ARTS)

Major Requirements .......................................................... 33 hours
REL 301, 305, 306, and 315; 370 or 505; at least one course from REL 340, 345, or 355; PHI 240, 300; plus any additional nine hours from the following: REL 250, 335, 340, 345, 349, 355, 420, 495, PHI 310, ART 390, ENG 337, or POL 317.

General Education Requirements ...................................... 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................................... 9 hours
AHO 100; eight hours of restricted electives.

Free Electives ................................................................. 40 hours
Total Curriculum Requirements ......................................... 128 hours

MINOR IN RELIGION

A minor consists of 18 hours in religion, including at least three hours in REL 301, 305, 306, 315 or PHI 240. Three hours of philosophy may be counted in a minor, and if PHI 240 is taken, six hours of philosophy may be counted.

Course Descriptions

PHI—Philosophy

100 Practical Reasoning. (3) I, II. The development of skills essential for the analysis and evaluation of reasoning and argumentation of kinds commonly encountered in essays, textbooks, news media, discussions, lectures, and work situations. Gen. Ed. 03 or 04

110 Beginning Philosophy. (3) I, II. Basic introductory course in philosophy. Consideration of perennial questions of the human experience, especially questions about reality, knowledge, self, values, and religious belief. Gen. Ed. 07

130 Beginning Ethics. (3) I, II. Survey of theories concerning the nature of right and wrong, emphasizing how these theories can be applied to personal moral choices. Gen. Ed. 07

240 Philosophy of Religion. (3) A. Study of religious experience, ideas of belief and knowledge, nature and existence of God, doctrine of persons, faith religious ethics, and religious language. Gen. Ed. 07

280 A, B, C Short Topics in Philosophy. (1 each) A. One or two or three distinct short topics offered sequentially during one semester. The student may take any or all of the topics, and the course may be retaken to a maximum of six hours if each topic is different

300 Greek and Roman Philosophy. (3) A. Survey of philosophical thought as seen through an examination of selected issues and selected philosophers from ancient Greece through the early Roman period. Gen. Ed. 07

310 Medieval Philosophy. (3) A. Study of Christian, Jewish, and Islamic philosophical thought in the Middle Ages and the Renaissance. Issues in various areas of philosophical inquiry are examined through selected readings from Augustine to Suarez.

320 Modern Philosophy. (3) A. Survey of philosophical thought as seen through an examination of selected issues and selected philosophers from the Renaissance through the 19th century. Gen. Ed. 07

330 Twentieth Century Philosophy. (3) A. A survey of the principal schools of philosophical thought of the twentieth century in Europe and America, with special attention to the important issues which emerge.

332 Existentialism. (3) A. Study of the sources of modern existentialism in the writings of Pascal, Hamann, Kierkegaard, and Nietzsche, and an examination of such recent existentialists as Sartre, Camus, Unamuno, Jaspers, Buber, and Marcel.

340 Philosophy of Science. (3) A. How views of reality, knowledge, and values relate to science and scientists. Philosophical assumptions of science examined through historical examples of scientific investigations. The value and the values of scientific methods and scientific theories. Gen. Ed. 08

342 American Philosophy. (3) A. A critical examination of basic beliefs held by Americans regarding themselves, their culture, and world, through the thought of modern American philosophers such as Royce, Pierce, James, Santayana, Woodbridge, Dewey, and Whitehead.

349 Cooperative Study: Philosophy. (1-8) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer, baccalaureate hours: eight, associate; sixteen, bachelors. A minimum of 80 hours employment required for each semester hour credit.

350 Toward a Philosophy of Human Sexuality. (3) A. A philosophical discussion of such topics as the meaning and purposes of human sexuality, premarital sex and promiscuity, sex and religious values, homosexuality, sexual roles, responsibilities, sexual ethics, sex and aging. Credit will not be awarded to students who have credit for CDF 232 or HEA 375.

360 Human Nature. (3) A. Examination of philosophical issues in the study of human nature. Of particular importance will be philosophical problems that are raised by twentieth century social and behavioral sciences. Gen. Ed. 08

362 Technology and Human Values. (3) A. Survey of contemporary theories concerning the interrelations of man, technology, and nature. Pro-technology and anti-technology positions are considered through the study of such representative theorists as Marcuse, Boulding, Skinner, and Ellul.

371 Symbolic Logic. (3) A. Basic introduction to modern symbolic logic: propositional calculus, first order predicate calculus, proofs and metaproofs, and nature and properties of formal logic systems.

380 Business Ethics. (3) A. Examination of ethical issues which arise in business organizations. Typical topics include: ethical theories, loyalties and responsibilities of superiors and subordinates, codes of conduct, personal values versus organizational objectives, whistle blowing, and case analysis procedures.

385 Environmental Ethics. (3) A. An examination of historical and contemporary views of nature and rights possessed by nature and their components. Emphasis on conservation issues in America and the ethical views held by the general public, conservationists resource managers, and politicians. Gen. Ed. 08

390 Special Topics in Philosophy. (3) A. Prerequisite: instructor approval. Detailed examination of a problem-area or a school of thought in the history of philosophy or the thought on one outstanding philosopher. May be retaken to a maximum of six hours if the topic is different.

395 Experiencing Philosophy. (1) A. Prerequisite: instructor approval. Attendance at selected lectures, performances, and cultural events with oral discussion and written evaluation of these activities from a philosophical point of view. May be retaken to a maximum of three hours.

400 Metaphysics. (3) A. An elaboration of the various approaches to metaphysics in the history of philosophy, including contemporary anti-metaphysical points of view.

432 Philosophy of Art. (3) A. Examination of the major philosophical theories of art and beauty and the place of aesthetic language in the general area of value judgments. Representative classical and contemporary figures will be considered.

490 Independent Work in Philosophy. (3) I, II. Prerequisite: instructor approval. Individual research and reading on a specified philosophical problem chosen by the student in consultation with the instructor. A written report of this study must be submitted at the end of the academic year and, if acceptable, approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours if topic is different.

500 Seminar in Philosophy. (3) A. Prerequisite: instructor approval. Intensive examination of a general philosophical subject such as metaphysics, epistemology, or axiology. May be retaken to a maximum of six hours if the work is different.

515 Health and Biomedical Ethics. (3) A. Examination of the value-issues which surround problems that arise in health-related fields and whose resolution calls for philosophical judgements. Typical problems would include euthanasia, experimentation with humans, behavior control, genetic engineering, and distribution of health care facilities.
G857 Classical Political Thought. (3) A. Cross listed as POL 557. Examination of the origins of Western political thought. Intensive reading of Plato, Aristotle, and Cicero. Credit will not be awarded to students who have credit for POL 557.

G558 Medieval, Renaissance, and Reformation Political Thought. (3) A. Cross listed as POL 558. Examination of the political theories of Augustine, Aquinas, Dante, Marsilio, Machiavelli, Luther, Calvin, and Bodin. Attention to the church-state controversy, the development of concepts of representation, constitutionalism, and sovereignty. Credit will not be awarded to students who have credit for POL 558.

G559 Modern Political Thought. (3) A. Cross listed as POL 559. Examination of the development of political thought from Hobbes to Nietzsche. Credit will not be awarded to students who have credit for POL 559.

GRADUATE COURSES

700 Seminar in Philosophy. (3) A.

715 Health and Biomedical Ethics. (3) A.

757 Classical Political Thought. (3) A.

758 Medieval, Renaissance, and Reformation Political Thought. (3) A.

759 Modern Political Thought. (3) A.

REL—Religion

250 Varieties of Religious Experience. (3) A. An examination of the patterns of religious experience as exemplified in the doctrines, practices, prayers, and rituals of various religions of the world.

262 A, B, C. Short Topics in Religion. (Each) A. One or two or three distinct short topics offered sequentially during one semester. The student may take any or all of the topics, and the course may be retaken a maximum of six hours if each topic is different.

301 World Religions. (3) I, II. Study of the basic notions found in the world's great religions. Attention is given to the historical context of the development of these religions and to the doctrines, rituals and literature produced by them. Gen. Ed. 07.

305 Survey of the Old Testament. (3) I. A survey of the history and religious development of the ancient Hebrews, with attention given to the religious concepts and values of the literature of the Old Testament.

306 Survey of the New Testament. (3) II. A study of the history of the New Testament times and an examination of the meanings and significance of the teachings of Jesus and the writings of the early Church.

335 Islam. (3) A. A study of the origins and religious development of Islam by an examination of the Koran and the writings of some major Islamic thinkers.

340 Religions of India. (3) A. Study of the major religions of India including the Ved Period, classical systems, Epic Period, heterodox systems, orthodox systems, and contemporary thought.

345 Religions of China and Japan. (3) A. Study of the major religions of China and Japan, including Confucianism, Neo-Taoism, Shinto, and Chinese and Japanese Buddhism.

349 Cooperative Study: Religion. (1-6) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 60 hours employment required for each semester hour credit.

355 Religions of Africa. (3) A. A study of traditional African religions and other religions in Africa.

370 Special Topics in Religion. (3) A. Prerequisite: instructor approval. Intensive study of a selected topic or an important figure in religion. May be retaken to a maximum of six hours if topic is different.

420 Contemporary Ideas of God. (3) A. Study of some of the main concepts of God in contemporary thought, dealing with such Eastern thinkers as Radhakrishnan and Suzuki, as well as those in the Western tradition such as Berdyaev, Maritain, Buber, Altizer, Hartshorne, Findlay, Cobb.

495 Independent Work in Religion. (3) I, II. Prerequisite: instructor approval. Individual study under the direction of an instructor on a special topic in religion. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours if topic is different.

505 Seminar in Religion. (3) A. Prerequisite: instructor approval. Research and discussion on a selected topic in religion, with special attention to the techniques of scholarly exploration. May be retaken to a maximum of six hours if topic is different.

DEPARTMENT OF
SPEECH
COMMUNICATION
AND THEATRE ARTS

Moreton, Acting Chair; Benson, Dill, Huss, K. Johnson, Robinette, T. Smith, Tracy.

The Department of Speech Communication and Theatre Arts offers major programs in speech communication, speech and theatre arts, and theatre arts; and in conjunction with the Department of Music, a Bachelor of Fine Arts in the Performing Arts.

The major in speech communication offers the student an interdisciplinary program in communication consisting of a core of communication and other human-related courses, and two areas of emphasis, chosen by the student in consultation with the advisor. The goal of this interdisciplinary major is to produce a communication specialist with career opportunities in such fields as personnel and sales, industrial relations, law enforcement, military, social programs, and government.

Speech Communication

MAJOR (BACHELOR OF ARTS)

Major Requirements.........................................................51 hours

Core.................................................................33 hours

SPE 100, 200, 205, 310, 320, 350, 406, 410, ACS 300, PHI 362, and PSY 202.

Options

Human Services Communication.........................18 hours

Cognate.........................................................12 hours

A cognate area (such as sociology, public relations, counseling, psychology) to be selected by the student in strict consultation with the advisor.

Electives.........................................................6 hours

Electives to be chosen from SPE 210, 300, or SOC 235.

Organizational Communication.........................18 hours

Required.........................................................12 hours

ACC 201, ECO 231, and six hours from CIS 212, MGT 300, or MKT 300.

Electives.........................................................6 hours

Six hours upper division business courses for which prerequisites have been met.

General Education Requirements........................46 hours

Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements.........................................9 hours

AHO 100; eight hours of restricted electives.

Free Electives..................................................22 hours

Total Curriculum Requirements.........................128 hours

MINOR IN SPEECH COMMUNICATION

Minor Requirements..............................................21 hours

SPE 200, 205, 310, 350, 410, PHI 362, and PSY 202.
Speech and Theatre Arts

MAJOR (BACHELOR OF ARTS)

Major Requirements ...........................................38 hours
SPE 100, 150, 200, 205, 210, 340, THE 110, 135, 220, 235, 130/330 (two hours), and 341; 390 or 391.

General Education Requirements ...............46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
AHO 100; eight hours of restricted electives.

Free Electives ..................................................35 hours
Total Curriculum Requirements .................128 hours

Speech and Theatre Arts (Teaching)

MAJOR (BACHELOR OF ARTS)

Major Requirements ...........................................38 hours
SPE 100, 150, 200, 205, 210, 340, THE 110, 135, 220, 235, 130/330 (two hours), and 341; 390 or 391.

Minor Requirements .........................................21 hours
A 21-hour teaching minor is required. To be chosen from the following areas: art, English, French, health, history, math, Spanish.

Teacher Education Requirements ..................28 hours
EDF 102, 202, 317, EPY 318, ESE 443, 498, and 499.

General Education Requirements ...............46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
AHO 100; eight hours of restricted electives. (Restricted electives may count toward the minor to reduce the hours in the total curriculum.)

Total Curriculum Requirements .................142 hours

Theatre Arts

MAJOR (BACHELOR OF ARTS)

Major Requirements ...........................................38 hours
THE 110, 135; 200, 220, 235; 285 or 385; three hours from THE 310, 311 or 320; THE 341, 390, 391, 430, 130/330 (four hours), and SPE 150.

General Education Requirements ...............46 hours
Standard General Education Program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
AHO 100; eight hours of restricted electives.

Free Electives ..................................................35 hours
Total Curriculum Requirements .................128 hours

MINOR IN THEATRE ARTS

Minor Requirements .........................................18 hours
THE 110, 135, 130/330 (three hours), 341, and 390 or 391; three hours THE electives.

MINOR IN THEATRE ARTS (TEACHING)

Minor Requirements .........................................21 hours
THE 110, 135, 130/330 (three hours), 341, and 390 or 391; six hours of THE electives.

The B.F.A. in the performing arts is a professional degree program designed to prepare the student as a performer in the musical theatre. The B.F.A. consists of course work in music, drama, and dance, and directed performance in musical theatre productions.

Performing Arts

MAJOR (BACHELOR OF FINE ARTS)

Major Requirements ...........................................65 hours
THE 110, 135, 200, 235, 280, 285 (two hours), 130/330 (three hours), 340 (two hours), 341, 385 (two hours); 390 or 391; eight hours of applied voice: (MUS 122, 222, 322, 422), MUS 181, 182, three hours from 272, 273, 371, or 372, and two hours vocal ensemble consisting of appropriate sections of MUS 225 or 226 starting the first semester of entrance into the program. Candidates must meet piano certification requirements as stated in the music section of this Catalog. Fifteen hours to be chosen, in consultation with the departmental advisor, from the following courses: SPE 150, 340, THE 220, 285, 310, 311, 320, 335, 385, 390, 391, 430, 435, 442, 490, 499, MUS 272, 273, 371, 372, 322, 422, 225, or 226.

General Education Requirements ...............46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
AHO 100; eight hours of restricted electives.

Free Electives ..................................................8 hours
Total Curriculum Requirements .................128 hours

Course Descriptions

SPE—Speech

100 Introduction to Speech Communication. (3) I, II. A study of theories and practices of communication in interpersonal, small group, and public-speaking settings. Gen. Ed. 03 or 04.

150 Improvement of Voice and Articulation. (3) A. Basic theory and speech production; phonetic and vocal drills for improvement of voice and articulation; adapted to students' individual speech needs.

155 Interpersonal Communication. (3) I, II. Direct experience in oral communication in one-to-one interpersonal setting. Practical experience in the study of such key concepts as trust, openness, clarity, non-verbal cues, feedback, and listening. Gen. Ed. 03 or 04.

205 Argumentation. (3) I. Principles and practice of argument in conflict situations. Emphasis on analysis of the role of compromise in the resolution or resolution of business, political, social and legal conflicts. Gen. Ed. 03 or 04.

210 Public Speaking. (3) II. Principles and practice of public speaking. Platform assignments in informative, persuasive, and evocative speaking. Examination of parliamentary procedure and First Amendment principles. Gen. Ed. 03 or 04.

300 Business and Professional Speaking. (3) II. Practical introduction to the skills of interviewing, conferencing, and public speaking. Preparation and presentation of the oral report, the sales-presented service presentation, and the occasional address.

310 Small Group Communication. (3) A. Formerly SPE 220. Introduction to theories of small group communication. Exposure to various types of groups with special emphasis on developing skills in problem solving and group dynamics.

315 Forensics Practicum. (1) I, II. Prerequisite: instructor approval. Study and application of the principles of argumentation and debate. Students participate in intercollegiate forensic activities which include debate as well as individual speaking events. May be retaken to a maximum of four hours.
320 Persuasion. (3) A. A study of contemporary theories of persuasion and their influence on society. Emphasis on analyzing persuasive principles employed by corporate business, political campaigns, citizen advocacy and social-oriented movements.

340 Oral Interpretation. (3) A. Basic techniques of text analysis and practice in reading aloud as a solo performer and as a member of a group.

349 Cooperative Study: Speech. (1-6) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate, sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

350 Business and Industrial Communication. (3) I. A study of the communication process within organizations. Planning and implementing organizational communication processes and change. The Communication Audit and Training Model are introduced.

406 Communication Training and Development. (3) I, II. An introduction to the field of communication training and development for corporate, industrial, institutional, medical or educational settings. While studying the theoretical frameworks (communication theory, organizational theory and other theories) on which training and development techniques are based, students will practice training techniques in simulated situations.

410 Human Communication Theory. (3) A. Foundational knowledge regarding the nature of the interpersonal and intrapersonal level, systems of behavior in organizations, effects of mass communication, communication barriers and breakdowns.

415 Communication in the Legal Process. (3) A. Prerequisite: SPE 200 or instructor approval. The application of communication theories, correlating concepts of feedback, interactional vs. transactional communication, small group and other related areas of communication to the study, practice, and understanding of the legal process.

490 Special Topics in Speech Communications. (3) A. Presentation of course material of a timely, specialized, or topical nature. Specific course orientation will appear beside title. May be retaken to a maximum of nine hours if subject matter is different each time.

499 Independent Study In Speech Communication. (1-3) I, II. Individual research and reading on a specified speech communication subject. Regular consultation and final paper or performance required. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours.

GRADUATE COURSE

805 Independent Study in Speech Communication. (1-3) A.

THE—Theatre Arts

100 Forms and Philosophy of Theatre. (3) I, II. Understanding and appreciating the arts of the theatre, development of dramatic forms and practices, consideration of the elements of contemporary theatrical practice. Analysis of plays. Attendance at selected play productions required. Gen. Ed. 07.

110 Stagecraft. (3) A. Problems of stagecraft dealing with the scenic process, use of materials, methods of construction and handling of scenery, fabrication and construction of properties. 2 Lec/2 Lab.

130 Theatre Arts Practicum I. (1) I, II. Study and practice of technical production through participation in departmental productions. May be retaken to a maximum of three hours.

135 Acting I. (3) I, II. Investigation and practice of the fundamentals of the acting process. Course work will include physical and mental preparation for the actor, improvisation and beginning scene work.

200 Theatrical Makeup I. (2) A. Techniques in application and design of stage makeup, both straight and character.

220 Costume Construction. (3) A. Study and practical experience in garment construction and related costume crafts as used in theatre costume design. 2 Lec/2 Lab.

235 Acting II. (3) I. Prerequisite: THE 135. Study and practice in analysis, character development and rehearsal as related to scene study; emphasis on twentieth-century acting styles.

280 Acting for Musical Theatre. (3) A. Prerequisite: THE 135. Study of Musical Theatre as an art form, and an examination of the acting process and how it applies to the musical genre; performance work is included.

285 Dance for the Stage I. (2) I, II. An introductory dance course in dance for the stage. Starting with basic work in ballet to develop strength and coordination, the class moves into jazz styles and routines for the stage. Class meets for one hour, Monday through Thursday. May be retaken to a maximum of eight hours.

310 Scene Design. (3) A. Prerequisite: THE 110 or instructor approval Principles of composition, scale, perspective, and color applied to the stage; production of ground plans, sketches, and models. 2 Lec/2 Lab.

311 Stage Lighting. (3) A. Prerequisite: sophomore standing. Examination of theories of lighting with application to the stage, mixed media, dance, and natural environment. Consideration given to color principles, lighting instruments and control equipment. 2 Lec/2 Lab.

320 Costume Design. (3) A. Design and execution of theatrical costumes with emphasis on originality, color and line. Attention given to costumes of various periods and styles. 2 Lec/2 Lab.

330 Theatre Arts Practicum II. (1) I, II. Prerequisite: THE 130 or departmental approval. Continuation of THE 130. May be retaken to a maximum of three hours.

335 Acting III. (3) A. Prerequisites: THE 235 and SPE 150. Advanced study and rehearsal in various dramatic techniques, focusing on language and action analysis, and character development for performance, emphasis on Classical and Elizabethan repertories.

340 Audition Workshop. (1) A. Prerequisite: instructor approval. Study and practice in theatrical auditioning, resume creation and actor's self-presentation. Performance workshop in approach. May be retaken to a maximum of four hours.

341 Directing. (3) A. Prerequisite: THE 135 or instructor approval. An introduction to the principles of play directing. Study of play selection and analysis, characterisation, composition, blocking, and casting and rehearsal procedures.

349 Cooperative Study: Theatre Arts. (1-8) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate, sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

385 Dance for the Stage II. (2) I, II. Prerequisite: THE 285. Upper division dance course. Emphasis is placed on technique and polish through more advanced combinations and a greater diversity of styles. Ensemble work, tap, jazz, and partnering will be included. May be retaken to a maximum of eight hours.


391 Theatre History II. (3) II. A. Development of theatre from the English Restoration to the modern period. GEN. ED. 07.

430 Dramatic Literature. (3) A. Cross listed as ENG 430. Survey of major periods and genres of world dramatic literature, from the Greeks to the present, selected readings from the major playwrights, critics, and theorists. Credit will not be awarded to students who have credit for ENG 430.

439 Independent Study in Play Production. (1-3) A. Prerequisites: THE 341 and departmental approval. Direction of a studio or major production under faculty guidance. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

490 Special Topics in Theatre Arts. (1-3) A. Presentation of course material of a timely, specialized or topical nature. Specific course orientation will appear beside title. May be retaken to a maximum of nine hours, if the subject matter is different.

499 Independent Study in Theatre Arts. (1-3) I, II. Prerequisite: departmental approval. Independent study in theatre production and research. May be retaken to a maximum of six hours credit. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

GRADUATE COURSE

805 Independent Study in Theatre Arts. (1-3) A.
The College of Business, one of the largest units within the University, offers a diverse set of academic opportunities for students. More than 60 full-time faculty provide a person-centered experience for students majoring in the College. The programs in the College of Business are designed to provide professional education for careers in business. Together with the general education requirements, the curriculum also provides an understanding of one's cultural heritage and of the citizen's role in a rapidly changing technology driven society. Many graduates of the College have advanced to positions of prominence in their chosen fields.

**GRADUATE EDUCATION**

The College of Business, in cooperation with the Graduate School, offers the degree of Master of Business Administration. The Department of Administrative Communication and Services cooperates with the College of Education to offer the Master of Arts in Education degree for teachers of business.

**THE FOUR-YEAR BACHELOR OF BUSINESS ADMINISTRATION DEGREE PROGRAM**

Four-year programs leading to the degree of Bachelor of Business Administration are offered in accounting, administrative communication and services, computer information systems, economics, finance, general business, health care administration (in cooperation with the College of Allied Health and Nursing), insurance, management, marketing, real estate, and transportation and physical distribution. Pre-baccalaureate programs in business have been established to facilitate the admission of qualified students into these programs. Specific requirements for admission to Bachelor of Business Administration degree programs are listed below. A four-year program for secondary business teachers leading to the Bachelor of Science degree is also offered. Statements below concerning the “BBA program” should be interpreted as also applying to students seeking the Bachelor of Science program sponsored by the College of Business.

**Blending interests in business and law**

Many students planning to attend law school find undergraduate programs in business particularly good background for their legal study. Extensive course work in accounting or economics is especially recommended for students with this goal.

**International business**

Students pursuing a Bachelor of Business Administration degree who desire to enter international business, by careful planning, may concentrate 11 to 23 hours in the history, geography, and language of a foreign trade area of greatest interest to them. Foreign trade area preparation is encouraged by and attractive to international business firms. Within this concentration, students are encouraged to include a cooperative study assignment with an international business firm. Business students interested in a foreign trade area concentration should contact the College of Business advising office.

**FINANCIAL AID**

Students in the College of Business are eligible to apply for financial aid and grants and should contact the Financial Assistance office if interested.

**ADMISSION TO UPPER DIVISION STUDY IN BUSINESS**

The structure of four-year programs leading to the Bachelor of Business Administration (BBA) degree follows the professional curriculum model. Under this model, students wanting to major in business are first admitted to the University but not to the College of Business. When first enrolled, students are classified pre-baccalaureate (pre-business) majors.

When a student satisfactorily completes (or nears completion of) the pre-baccalaureate curriculum, she/he may apply for admission to the College of Business (to pursue upper division study in business). Applications are normally submitted in the second semester of the sophomore year. If approved, the student will be admitted into the College of Business and his/her classification will be changed from "pre-baccalaureate" status to that of an admitted major in one of the College's four-year degree programs.

To be favorably considered for admission to the College, which
allows students to enroll in business courses numbered 300 or above, the student must have:

1. completed 60 semester hours of course work, including the following courses (which are known as the “foundation courses”): MAT 107 or MAT 211; ENG 101 and 102 (or 105); ACC 201, 202, ECO 220, 230, 231, and GBU 204;
2. an overall GPA of 2.0 for the sixty or more hours of course work taken at the time of application for upper division study;
3. a grade of “C” or better in each of the foundation courses, and an overall GPA of 2.3 for these same nine courses.

Prior to formalizing their admission to upper division study in business, students may register during the second semester of their sophomore year to take upper division business courses if (1) they have completed at least 42 semester hours of college work and (2) they are enrolled in or have completed the foundation courses listed above and enough additional course work to include their 60th semester hour of credit. If the student does not completely fulfill requirements for admission to a BBA program at the beginning of a term for which the student has registered for upper division business courses, he/she will be required to withdraw, or will be administratively withdrawn, from upper division business courses. Further registrations for such courses will be denied until all program admission requirements have been met.

Students are advised that a delay in completing the foundation courses will cause a delay or an interruption in a student’s progression toward completing a BBA degree program.

TRANSFER STUDENTS AND STUDENTS FROM OTHER EKU COLLEGES
Transfer students must have completed at least 60 semester hours of course work and all the foundation courses listed above to be eligible for admission into a Bachelor of Business Administration program. Admission requirements into BBA programs for transfer students are the same as those for students enrolling initially at Eastern Kentucky University, including an overall GPA of 2.0, with a 2.30 GPA for the foundation courses with no grade lower than a “C”.

Transfer students and students from other colleges may be admitted to a pre-baccalaureate business program while they are qualifying for admission into a Bachelor of Business Administration program.

The College of Business considers lower division credits transferred to Eastern as lower division, even if Eastern offers what appears to be a comparable course at the upper division level. However, the Dean of the College of Business may accept individual courses at Eastern if the courses are validated using acceptable validation techniques. CLEP and departmental exams are examples of possible validation techniques. With specified courses in real estate and accounting, the successful completion of advanced courses in the subject field for which the transfer course is a foundation or supporting requirement is an acceptable validation method. A successfully validated lower division transfer course may not be utilized to fulfill the 43 hour upper division graduation requirement.

Students from other colleges at Eastern Kentucky University wishing to change their program to a Bachelor of Business Administration must satisfy requirements specified for pre-baccalaureate business majors. Admission is based on completion of MAT 107 or 211; ENG 101 and 102 (or 105); ACC 201, 202, ECO 220, 230, 231, and GBU 204; a total of at least 60 semester hours completed; and an overall GPA of 2.0, with a 2.30 GPA and a “C” or better in the business foundation courses.

ELIGIBILITY FOR READMISSION
Any student who is withdrawn from a Bachelor of Business Administration degree program and wishes to be readmitted must petition, in writing, the Admission Committee of the department responsible for the major. The petition must be filed in the department office by April 15 for summer term or fall semester entry and October 15 for spring semester entry. Re-admission decisions may be appealed only on a procedural basis to the College of Business Admission Appeals Committee. Final appeal authority resides entirely within the College of Business. The College of Business Admission Appeals Committee shall be composed of one elected member from each department within the College of Business. The chair of this committee shall be selected by the members of the committee.

PREREQUISITE STRUCTURE IN THE COLLEGE OF BUSINESS
The curriculum in the College of Business is highly structured and carefully integrated. The content and methodology utilized in upper division junior and senior level courses are based upon the assumption that students participating in them have matriculated through a specific series of lower division freshman and sophomore level courses which provide students with competencies needed for successful participation in upper division College of Business courses.

Students who may enroll in upper division business courses include:
1. College of Business majors who have earned a grade of “C” or better in the foundation courses with a 2.30 GPA;
2. College of Business minors;
3. Students majoring in other departments whose planned curriculum includes (by virtue of agreements of sponsoring departments with the College of Business) selected business courses which support a nonbusiness major or minor; nonbusiness students must complete all lower division business courses required in their major prior to enrolling in any upper division business courses;
4. Students in the College of Social and Behavioral Sciences seeking the Bachelor of Arts degree in economics;
5. Those students who are not in categories one through four, above, and who obtain permission of the Dean of the College of Business or his/her designee to enroll in upper division College of Business courses.

Students who enroll in upper division College of Business courses, and who do not meet the eligibility requirements as outlined in one through five, above, are subject to having their enrollments in such courses cancelled by action of the Dean of the College, without notice, at any time during the term.

CURRICULUM CONCEPT FOR BUSINESS MAJORS
The prerequisite structure is an integral part of the College of Business curriculum. It is very important for a College of Business student to carefully plan his/her academic progression. Assuming he/she has been admitted to the College of Business, a student generally completes the following courses during the time frames indicated.

Freshman year -
Complete CBO 100 in first semester
Begin Foundation Courses
Begin General Education Courses
Sophomore year -
Finish Foundation Courses
Continue General Education Courses
Apply for admission to a BBA Program
Junior year -
Begin Upper Division College of Business Core, especially MKT 300, MGT 300, and FIN 300 in first semester
Begin Major Requirements
Sign Planned Curriculum
Senior year:
Complete College of Business Core
Complete Major Requirements
Complete GBU 480 in Final Semester
Apply for Graduation in first semester

MGT 300, MKT 300, and FIN 300 are “gateway” courses and are prerequisites for all other course work in these fields.

PLANNED CURRICULUM
When a student completes 60 credit hours of course work and has been admitted to the College of Business (to upper division study in business), he/she must formulate a Planned Curriculum. The Planned Curriculum specifies the student’s remaining graduation requirements for the major(s) and, if applicable, minor(s) being sought. The process is initiated by a contact with the College of Business Central Advising Office. The Planned Curriculum is finalized only after it is approved by the student’s advisor, department chair(s), and the college dean.

DEGREE REQUIREMENTS
General University requirements described on page 23 in Part Three of this Catalog, as well as specific course requirements set forth in the description of curricula, must be met by students completing associate and baccalaureate programs administered by the College of Business. See programs under each department for major and minor requirements. Common to all programs is the Academic Orientation course (CBO 100) of the College of Business.

In order to graduate with a Bachelor of Business Administration degree, students must apply to the office of the Dean of the College of Business. December graduates should apply the preceding April; May and August graduates should apply the preceding October. The requirements for the degree are as follows:
1. A 2.0 GPA must be maintained in all work taken in the College of Business.
2. Candidates for degrees must earn 30 of the last 36 hours at Eastern Kentucky University. This requirement may be waived by the Dean of the College of Business.
3. Hours earned by correspondence study are accepted upon written approval of the Dean. However, not more than 25 percent of the total hours applied toward a degree may be earned via correspondence or telecourse instruction, military credit, or credit by examination.
4. Not more than 60 percent of undergraduate course work shall be devoted to business, economics, and administration. However, up to nine hours of lower division economics will not be included in this 60 percent.
5. Completion of the business core and supporting course requirements.
6. At least 12 hours in the major must be earned at Eastern Kentucky University. A grade of “C” or higher is required in each course for credit toward the major.
7. Students must choose a major field at the time they enter the College of Business. The student’s registration form for each semester must be approved by the Central Advising Office.
8. A second major can be completed in the College of Business or in another college of the University. A third business major will not be permitted. Because business students take the business core, they are limited to selected minors offered by the College of Business.
9. A signed planned curriculum.

APPLICATION FOR GRADUATION
Students must file an application for graduation in the dean’s office no later than April 30 for December graduation and no later than October 31 for either May or Summer graduation. No student without an approved Planned Curriculum on file will be permitted to apply for graduation. It is the student’s own responsibility to plan and register for the proper courses to meet all graduation requirements.

REQUIRED SUBJECTS

General Education
(Refer also to Index under General Education requirements.)
ENG 101 and 102 (or 105); zero to three hours symbols of information, excluding ACS 201; nine to twelve hours humanities; nine to twelve hours social science, excluding ECO 230 and ECO 231; nine to twelve hours natural science; HPR 180, 282, and HEA 281.

University Requirements
CBO 100 and eight hours of restricted electives to be met by MIL 101, 102, 202, and 203, or by electives to be chosen outside the College of Business.

Supporting Course Requirements
MAT 107 or 211 (MAT 211 is required for economics and finance majors and will satisfy the math requirement for entry into the MBA program).

The Business Core: 45 hours
ACC 201, 202; ACS 201 or 300; CIS 300, ECO 220, 230, 231, and a three credit upper division course in economics; FIN 300, GBU 204, 480, MGT 300, 340, 370, and MKT 300.

CBO—Business Orientation
100 Academic Orientation. (1) Designed to orient the student to university academic life and afford background for career choice and preparation. Included are University regulations and calendar, Catalog details, registration and preregistration, various career opportunities, and program requirements. Open to all students during their first two semesters of enrollment at EKU, beyond that open to students with fewer than 30 semester hours earned.

COURSE PREREQUISITES
Students are urged to review carefully all course prerequisites, including the 60 hour rule, before scheduling 300-level courses (See Index under “Course Numbering”). Prerequisites are necessary for the maintenance of quality teaching standards and must be observed. Failure to do so may result in the student being administratively withdrawn from a course(s).

SATISFACTORY PROGRESSION AND REPEAT COURSE POLICIES
The College of Business limits the number of times a business major or minor may repeat a course. Courses may be repeated only once. Exceptions to this policy are rare and must be approved by the Dean of the College of Business. A student may enroll in the same course for a third or subsequent time only under unusual circumstances and with the written permission of the dean of the college of the student’s first major. An enrollment is counted as a repeat if a previous enrollment in the course resulted in a passing or failing grade. If a student enrolls in a course for a third or subsequent time without approval, the student will be administratively withdrawn from the course. Students outside the College of Business must also obtain written permission of the Dean of the College for third or subsequent enrollments for business courses.

Approval for any GPA deletion of “F’s” previously earned in a College of Business course is contingent upon successful comple-
tion of courses for which "repeat approval" has been granted. The student's transcript reflects all grades, courses repeated with approval will be noted with an "R" next to it.

**BACHELOR OF SCIENCE IN BUSINESS EDUCATION (TEACHER CERTIFICATION)**

The Department of Administrative Communication and Services, in cooperation with the College of Education, provides programs leading to certificates qualifying graduates to teach business subjects in the high school. Students in these programs must have a GPA of 2.5 on their record and (also in their required area or major) to be eligible for student teaching. Students following these programs must meet the business core requirements as noted. Students interested in business teacher certification should consult the Chair of the Department of Administrative Communication and Services.

**COOPERATIVE EDUCATION**

**J. Gump, Coordinator**

The College of Business participates in the "university-wide cooperative education program." Enrollment is open only to College of Business majors. Cooperative education is an opportunity for students to enrich the standard curriculum with supervised and structured work experience highly correlated to their academic major. Students will be permitted to enroll in cooperative education courses sponsored by the College of Business only after a satisfactory job description, training plan, and agreement with a cooperating employer have been submitted. The Cooperative Education Coordinator in the College can provide advice and assistance for students wishing to meet these requirements or who need help in locating a cooperating employer offering relevant work experience.

**Eligibility:** Cooperative education courses in the College of Business are listed at the 300 level, which presumes that students seeking to enroll in them will have achieved junior level standing and will also have completed the business foundation courses specified elsewhere in this section. Further, students must hold a cumulative GPA of 2.25 and obtain the approval of the appropriate department chair to be eligible to enroll in a cooperative education course.

**Enrollment limits:** Normally, a business major may only enroll for three hours of cooperative education credit in any one term. Students may re-enroll, usually with a different cooperating employer, in subsequent terms to earn a maximum of six hours of academic credit. Eighty hours of supervised work experience must be documented for each semester hour of academic credit granted.

**EVENING/WEEKEND STUDY IN THE COLLEGE OF BUSINESS**

To meet the needs of working adults and others whose responsibilities limit access to daytime participation in college study, the College of Business offers courses and programs in the evening and on Saturday mornings. While many courses are available during these times, only two complete business majors can be pursued at this time: general business and accounting. By following a carefully developed plan, students who have the equivalent of two years of lower division course work completed can complete the remaining courses required for a BBA in these two fields through part-time evening/weekend study. See College of Business CAO for more information.

**CORRESPONDENCE/TELEVISION COURSES**

The College of Business participates in the University's efforts to extend learning opportunities to persons who may not be able to attend traditional campus-based classes. Details concerning which business and other courses are available through television and/or correspondence can be obtained through the Office of Extended Programs in the Jones Building. Students planning to take business-related correspondence or television courses must secure the permission of the Dean of the College of Business to enroll. If the student fails, they will be allowed only one opportunity to repeat a business-related correspondence or telecourse. For College of Business majors, television and correspondence course enrollments will be counted in a student's overall academic load. If enrollment in a telecourse or correspondence course places the student's total load beyond normal levels, the expressed permission of the dean of the college must be obtained.

**THE TWO-YEAR ASSOCIATE OF ARTS DEGREE PROGRAM**

The College of Business, through its Department of Administrative Communication and Services, offers a two-year Associate of Arts degree program. The program offers an attractive alternative to the individual who is not interested in or not able to pursue a full four-year baccalaureate degree program. The office systems/technologies program provides students with an attractively balanced program of study devoted to: (1) general education; (2) general business preparation; and (3) specific training oriented to the employment needs of people wishing to work in modern office support and administration roles.

Details concerning the program requirements are in the Department of Administrative Communication and Services section of the Catalog. Additional information about the program may be obtained from that department.

**OFFICE SYSTEMS CERTIFICATE (ONE YEAR)**

The office systems certificate of completion (non-degree) is offered by the Department of Administrative Communication and Services, and it can be completed in one year (two semesters and a summer). The certificate of completion allows students to develop a sound base of contemporary office skills.

*A_a proposal to classify this as a formal certificate program is pending.*

**MINORS IN THE COLLEGE OF BUSINESS**

The College of Business sponsors minors in four areas. They include:

**General Business**

The business minor consists of 21 hours including six hours of prescribed courses, nine hours of required courses, and six hours of electives. The prescribed courses must be successfully completed prior to enrolling in any required or elective courses. Students minoring in general business must earn at least 12 hours of the total hours used for the minor in residence at EKU and attain a cumulative GPA of 2.0 in all courses comprising the minor.

**Prescribed Courses**

\[
\begin{align*}
\text{ACC 201 and ECO 231.} \\
\text{Required Courses} \quad \text{9 hours} \\
\text{Three courses chosen from the following: ACC 202, CIS 212, ECO 220, 230, FIn 300, GBU 204; ACS 201 or 300; MGT 220 or 300; MKT 200 or 300.} \\
\text{Electives} \quad \text{6 hours} \\
\text{Six semester hours of upper division business courses for which prerequisites have been met.}
\end{align*}
\]

**Economics**

A minor in economics is available. See listing of requirements under the Department of Economics.
Computer Information Systems
A minor in computer information systems is offered for students in colleges other than the College of Business. See listing of requirements under the Department of Finance and Business Systems.

Office Administration and Managerial Communication
These two minors (non-teaching degrees) are offered under the Department of Administrative Communication and Services.

Other combinations of business courses may be taken by students outside the College of Business. Such courses may then be listed on an employment application as a "concentration" of business courses but may not be designated as a "minor."

GRADUATE COURSE CREDIT
Courses numbered in the 500 level series are open to seniors who meet course and program prerequisites. Additional appropriate experiences are required of all graduate students enrolled in the same course with undergraduates. To properly identify graduate credit for graduate students enrolled in the same course with undergraduates, the 700 level course numbering series is used. Courses numbered in the 800 level are open only to graduate students.

DEPARTMENT OF ACCOUNTING
Chair; Boyd, Chen, Collins, Dyer, Feltus, Fern, Frazier, Giacolletti, Griffith, Root, Sanders, Thorne.

The Department of Accounting offers ACC 201 and 202 which are required of all students obtaining a degree in business. In addition, it offers two programs of study leading to the BBA degree. The professional accounting program is designed to prepare graduates to enter the accounting profession. Some of the graduates of the professional accounting program enter public accounting firms with the anticipation of seeking the CPA designation. Other graduates enter careers in industry or government and may seek the professional designation of CPA, CMA, or CIA. Generally, a professional designation requires a rigorous examination and a specified number of years work experience in the field before the designation is granted. The department's second degree program is a BBA degree in health care administration. The health care administration program is designed to supply a present and growing need for properly prepared management personnel in the health care industry.

A listing of required courses for each program is shown elsewhere in the Catalog. It is recommended that all students carefully select their courses in consultation with the Central Advising Office and the faculty of the department to improve their career effectiveness.

Courses submitted toward the major must be completed with a grade of "C" or higher. At least 12 of the hours in the major must be earned at Eastern Kentucky University. The department chair's approval must be secured to repeat any accounting course above ACC 301. No more than three accounting courses may be taken in one semester without the department chair's approval. No minors are available in the Department of Accounting.

The Department of Accounting participates in both Phases I and II of the Master of Business Administration Program. A detailed description of this program is presented in the Graduate Catalog.

Accounting
MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)

Major Requirements ........................................... 31 hours
ACC 250, 301, 302, 322, 323, 327, 350, 401, 425, 441, and three hours selected from 442, 521, 527, or 540.

Business Core .................................................. 45 hours

Supporting Course Requirements .......................... 3 hours
MAT 107 or 211.

General Education Requirements ........................ 43 hours
Standard General Education program, excluding course category 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ................................... 9 hours
CBO 100: eight hours of restricted electives.

Total Curriculum Requirements .......................... 131 hours

Health Care Administration
MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)

Major Requirements ........................................... 18 hours
ACC 300, 370, 375, ACS 280, ECO 570, and MGT 320.

Business Core .................................................. 45 hours

Supporting Course Requirements .......................... 12 hours
AHN 570, HEA 516, 555, and MAT 107 or 211.

General Education Requirements ........................ 43 hours
Standard General Education program, excluding course category 03. Refer to Part Three of this Catalog for details on General Education and University requirements.

University Requirements ................................... 9 hours
CBO 100: eight hours of restricted electives.

Cooperative Study ............................................ 4 hours

Total Curriculum Requirements .......................... 131 hours

Course Descriptions
ACC—Accounting

201 Principles of Accounting, (3) I, II. Fundamental accounting relationships; completion of the accounting cycle; accounting process for merchandise enterprise; receivables, payables and inventories; deferrals, accruals, and intangible assets.

202 Principles of Accounting, (3) I, II. Prerequisite: ACC 201. Accounting systems, concepts, and principles; formation, organization, and operations of partnerships and corporations; departments and branches; statement analysis, cost and manufacturing accounting.

250 Introduction to Accounting Computer Applications, (1) I, II. Prerequisite or Corequisite: ACC 201. Computer spreadsheets and basic accounting applications.

280 Tax Planning, (3) I. A basic course in history, concepts, and theory of the tax law. The tax effect of business decisions for the individual, sole proprietorship, partnership, corporations, and fiduciaries.

300 Managerial Accounting, (3) I, II. Prerequisite: ACC 202 with minimum grade of "C." Accounting structure and systems; the uses and interpretation of financial statements; accounting and management control; accounting in the decision making process. May not be taken by accounting majors.

301 Principles of Accounting—Intermediate, (3) I, II. Prerequisite: ACC 202 with minimum grade of "C." Accounting structure and systems; the uses and interpretation of financial statements; accounting and management control; accounting in the decision making process. May not be taken by accounting majors.

322 Tax I, (3) I, II. Prerequisite: ACC 202 with minimum grade of "C." Income tax legislation—Federal and State; returns for individuals; gross income; basis and determination of gain or loss; capital gains and losses; dividends, deductions, withholding
C. Professional selected Prerequisites:

327 Cost Accounting. (3) I, II. Prerequisite: ACC 202 with minimum grade of "C." Cost flows and cost systems; the cost accounting cycle; basic cost determination systems and procedures; standard costing; budgeting and decision making applications.

349 Cooperative Study in Accounting. (1-4) A. Prerequisites: Minimum GPA of 2.25 and BBA majors only. Co-curricular work experience under faculty and field supervisors in placements related to academic studies. Training plan required. Normally one to four hours credit per semester or summer. Minimum 80 hours work required for each academic credit.

350 Accounting Information Systems. (3) I, II. Prerequisite: ACC 202 and junior standing. The conceptual foundations of accounting information systems, the technology, the systems management of accounting information systems.

370 Health Agency Accounting. (3) II. Prerequisite: ACC 202. Complexities of health agency accounting including: accounting for cost, patient revenues, third party reimbursement programs, and public rate regulation procedures.

375 Seminar in Health Care Administration. (3) A. Prerequisite: ACC 300 with a minimum grade of "C." Individual and group investigation of contemporary problems, issues and trends in selected health care facilities.

390 Internship In Accounting. (4) II. Prerequisites: "B" average and departmental approval. By invitation only.

401 Principles of Accounting-Advanced. (3) I, II. Prerequisite: ACC 302 with a minimum grade of "C." Partnerships; home office and branch relationship; corporate combinations; consolidated balance sheet; special problems with consolidated statements; foreign branches and subsidiaries.

425 Readings in Accounting. (3) I, II. Prerequisite: ACC 401 with a minimum grade of "C." Emphasis on a conceptual understanding of accounting principles using literature published by the AICPA, FASB, and current writers. Accounting history, SEC, legal liability, conceptual framework, SFAS's and APB's.

441 Auditing I. (3) I, II. Prerequisites: ACC 302, 350, and ECO 220 with minimum grades of "C." Professional ethics; accountant's legal responsibility; internal control; general arrangement and procedure of an audit; asset accounts; liability accounts; operating accounts; the audit report.

442 Auditing II. (3) II. Prerequisite: ACC 441 with a minimum grade of "C." Application to accounting and auditing of internal control, statistical sampling, computer techniques, and audit reports.

490 Special Problems in Accounting. (1-6). A. May be retaken under different sub-topics to a cumulative maximum of six hours. Student must have the independent study proposal approved by faculty supervisor and department chair prior to enrollment.

521 Fund Accounting. (3) I. Prerequisite: ACC 202 with a minimum grade of "C." Advanced study in accounting and fiscal procedures for institutions and federal, state, county, and municipal governments.

525 Accounting Problems. (3) II. Prerequisite: ACC 302 with a minimum grade of "C." An advanced course; the contents will be determined by the needs of the students registering for it.

527 Managerial Cost Accounting. (3) A. Prerequisite: ACC 327 with a minimum grade of "C." Advanced problems in cost, budget, distribution costs, measurements of departmental efficiency, and analysis of cost information for managerial decisions.

540 CPA Law. (3) I, II. Prerequisites: strong accounting background and instructor approval. Law as it relates to the accounting profession. Cases used from previous examinations given by the AICPA. Emphasis on short cuts and suggestions for timesaving on the examination.

550 Accounting for Non-Profit Organizations. (3) II. General theory of budget implementation, and reporting as well as internal control and other significant areas for not-for-profit organizations.

DEPARTMENT OF ADMINISTRATIVE COMMUNICATION AND SERVICES

J. Jones, Acting Chair; Adkins, Davis, Gump, Hogg-Hartman, Jennings, Vice.

The objectives of the Department of Administrative Communication and Services are to prepare—

professionals for positions involving analysis, design, implementation, management, and evaluation of office systems;

future business managers who have expertise in the critically important skills of written and oral communication;

skilled support personnel to fulfill automated office functions;

qualified, certified secondary school business teachers.

Students may major in four-year programs in administrative services, managerial communication, or business education or in a two-year office systems/technologies program. A one-year, non-degree office systems certificate of completion and non-teaching minors are also offered.

ADMINISTRATIVE COMMUNICATION AND SERVICES PROGRAM

The Bachelor of Business Administration degree with an option in administrative services is designed to prepare graduates for professional and managerial office-related tasks including analyzing office systems; planning for and designing appropriate office systems; implementing new office technologies; evaluating and managing office systems; and training personnel in the use of appropriate procedures, equipment, and human relations skills to improve office worker productivity.

An option in managerial communication is designed to prepare business graduates who have expertise in the critically important managerial functions of written and oral communication. In addition to having a broad business background provided by the Bachelor of Business Administration business core, graduates of this option will be prepared in specialized areas of managerial communication including report, letter, and memorandum writing; oral presentations; interview and meeting techniques; public relations writing; company publications; and desktop publishing.

GRADUATE COURSES

721 Fund Accounting. (3) I.
725 Accounting Problems. (3) II.
727 Managerial Cost Accounting. (3) A.
740 CPA Law. (3) I, II.
750 Accounting for Non-Profit Organizations. (3) II.
820 Survey of Accounting. (3) I.
850 Managerial Accounting. (3) II.
855 Advanced Auditing. (3) II.
857 Research In Taxes. (3) I.
858 Accounting Theory. (3) II.
860 Seminar in Accounting. (3) A.
890 Special Problems in Accounting. (1-6) A.

Administrative Communication and Services

MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)

Major Requirements..................................................................................21-24 hours

Administrative Communication and Services
Core...........................................................................................................6 hours
ACS 300 and three hours of ACS 349, 460, or elective approved by department chair.

Options
Administrative Services.........................................................................18 hours
ACS 240, 250, 290, 340, 420, and 480.

Managerial Communication.................................................................15 hours
ACS 450, COM 320, PUB 380, SPE 300, and 350.

Business Core.........................................................................................45 hours
Supporting Course Requirements ........................................6 hours
Administrative Services Option
CIS 230; MAT 107 or 211.
Managerial Communication Option
MAT 107 or 211; PHI 380.
General Education Requirements .......................................43 hours
Standard General Education program, excluding course categories 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.
University Requirements ..................................................9 hours
CBO 100; eight hours of restricted electives.
Free Electives ........................................................................1-4 hours
Total Curriculum Requirements ...........................................128 hours

MANAGERIAL COMMUNICATION MINOR
The managerial communication minor is offered for business (BBA and BS) majors who want to increase their communication effectiveness in their major field of study. The minor is designed to provide training in interpersonal communication, oral and written presentations, research and reporting, and production of other business publications/communications. These skills are transferable to any profession and are crucial in tasks such as communicating organizational change, establishing and implementing goals, communicating internally, relating to employees, dealing with the public, and addressing the media. The managerial communication minor consists of the following courses (18 hours) with 50 percent (nine hours) taken in residence at EKU: ACS 201 or 300 (whichever has not been completed as part of the business core); ACS 450, PUB 380, SPE 200, 300, and 350.

OFFICE ADMINISTRATION MINOR
A non-teaching office administration minor consists of the following courses (18 hours) with 50 percent (nine hours) taken in residence at EKU: ACS 107, 201, 240, 260, 290, and 303 or 560.

BUSINESS EDUCATION PROGRAM
The Department, in cooperation with the College of Education, provides a program leading to a Bachelor of Science degree and certifies qualifying graduates to teach business education at the secondary level. Students who desire to qualify as teachers for federally reimbursed vocational business education programs complete this major; and, they must also have the equivalent of a year (2,000 hours) of appropriate office work experience.

In order to be admitted to a business teacher education program and to be eligible for student teaching, students must have a 2.5 GPA on their entire record and also in their teaching field or fields. All business education majors must satisfactorily complete competency examinations and the National Teachers Examination (NTE). Student teaching in Business Education is done in the fall only.

Effective with the 1991-92 academic year, business teacher candidates shall be admitted to the teaching major in comprehensive business only. Persons already admitted to the teaching major in basic business and in secretarial studies shall complete the program by September 1, 1995. The curriculum for the comprehensive business major is pending approval. Students with questions are encouraged to see the Chair, Department of Administrative Communication and Services.

Business Education
MAJOR (BACHELOR OF SCIENCE)

Major Requirements .........................................................30 hours
ACC 201, 202, ACS 107, 201, 290, 303, CIS 300, ECO 324, GBU 204, and MGT 300.

Business Core ......................................................................24 hours
ECO 220, 230, 231, FIN 300, GBU 480, MGT 340, 370, and MKT 300.

Teacher Education Requirements .........................................32 hours
EDF 102, 202, 317, EMG 390, EPY 318, ESE 470, 471, 498, and 499.

General Education Requirements ........................................37 hours
Standard General Education program, excluding course categories 03, 09, and 12. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ...................................................9 hours
CBO 100; eight hours of restricted electives.

Total Curriculum Requirements .........................................132 hours

ENDORSEMENTS
Advanced Data Processing: nine hours of computer information systems/data processing.
Shorthand: six hours of college-level shorthand (Eastern does not offer shorthand; students must transfer their college-level shorthand for endorsement).

GRADUATE PROGRAM
Students may earn the Master of Arts in Education degree with an emphasis in business education. For information concerning this degree program, refer to the College of Education section of the Graduate Catalog.

OFFICE SYSTEMS/TECHNOLOGIES PROGRAM
The two-year office systems/technologies program develops knowledge, skills, and attitudes needed by office professionals to integrate the office resources of people and technology. In this program students develop traditional office skills with an emphasis on productivity and accountability. The students will also integrate these excellent technical skills into microcomputer hardware and software applications and will develop a solid background in business communication.

Office Systems/Technologies
ASSOCIATE OF ARTS

Major Requirements ..........................................................33 hours

Supporting Course Requirements .......................................32 hours
CBO 100, ACC 201, CIS 230, ECO 120* or 130*, six hours of English composition*, SPE 200*, three hours general education humanities*, three hours general education natural science* or MAT 107*, four hours of restricted electives, and three hours of ACC 202, ACS 280, 340, ECO 230, 231, or GBU 204.

Total Curriculum Requirements .........................................65 hours
OFFICE SYSTEMS CERTIFICATE

The office systems certificate of completion, which can be completed in one calendar year (two semesters and a summer), allows students to develop a sound base of contemporary office skills including keyboarding/typewriting, word processing, office services, records management, and knowledge of office systems and technology. This one-year sequence consists of university-level credit which will be considered for acceptance toward two-year or four-year degree programs for students who may subsequently decide to pursue degree programs.

* A proposal to classify this as a formal certificate program is pending.

The following courses (36 semester hours) are required for this program: ENG 101 and 102 (or 105); ACS 101, 106, 107, 200, 201, 240, 254, 260, 280, and 290.

Course Descriptions

ACS—Administrative Communication and Services


105 Keyboarding for Computers. (1) I, II. Formerly OAD 105. Development of keyboard manipulation skills for data entry on computers. Touch techniques stressed for alpha-numerical keyboard control. Four hours in class each week for five weeks.

106 Beginning Keyboarding Typewriting. (3) I, II. Formerly OAD 151. Development of basic touch keyboarding skills for using computers and typewriters; introduction to formatting letters, term papers, and tables, text editing, and the ten-key numeric keyboard.

200 Professional Keyboarding/Typewriting. (3) A. Formerly OAD 253. Prerequisite: ACS 106 or equivalent. Continued emphasis on speed and accuracy building, increased emphasis on business forms, letters, manuscripts, reports, tables, text editing, and the ten-key numeric keyboard.

201 Business Communication. (3) I, II. Formerly OAD 201. Prerequisites: ENG 101 and 102 (or 105). Principles and practices of modern business communication; various types of business letters and reports are studied, emphasis on writing letters and reports. Gen Ed. 03

240 Records Management. (3) A. Formerly OAD 240. Creation, classification, retention, protection, and disposal of records; filing systems, procedures, and equip- ment; provides an overview of information management, facilities layout, records personnel administration, records control.

250 Office Systems and Technology. (3) A. An overview of office systems—technology, people, and procedures—within organizational and environmental con- texts. Emphasis on productivity through appropriate application of office tools and techniques. Major technologies that support information creation, storage, retrieval, manipulation, and distribution.

254 Business and Office Calculations. (3) A. Formerly OAD 254. Development of competency in business computations such as bank and sales records, discounts, commissions, markups, credit charges, payroll, sales, depreciation, insurance, stocks, bonds, interest, and present value.


280 Office Procedures and Administration. (3) A. Formerly OAD 280. Procedures, technologies, human relations, and services of modern, dynamic offices.

290 Office Systems Applications. (3) I, II. Formerly OAD 290. Prerequisites: ACS 250 and CIS 220, or instructor approval. Applications of office automation technologies from the user’s perspective to enhance productivity of office employees are presented. Relationships of organizational goals to automated technologies.

300 Managerial Reports. (3) I, II. Formerly OAD 300. Prerequisites: ENG 101 and 102 (or 105). Applications of communication theory, research methods, and information technology to communication within organizations. Includes common communication tasks faced by managers, communication task and audience analysis, collecting, organizing, analyzing, and interpreting data. Emphasizes written and oral reporting.

303 Integrated Office Operations. (3) A. Formerly OAD 303. Prerequisite: ACS 107. Provides opportunities for students to study, understand, and experience a wide range of activities appropriate for modern office operations. Retention and application of skills and knowledge for effective and efficient operation of office systems.

340 Office Systems Planning. (3) A. Prerequisite: ACS 250. Office systems planning emphasizes work group interaction and implementation process, tactics, and strategies. Involves applications through case or field-based projects. Office systems productivity assessment; inter-group needs related to end-user, departmental, divisional, and organizational goals.

349 Cooperative Study in Administrative Services. (1-3) A. Formerly OAD 349. Prerequisites: GPA of 2.25; sophomore classification for associate degree; junior classification for baccalaureate degree. Supervised co-curricular work experience. Training plan required. Minimum 80 hours work required for each academic credit. May be retaken to a maximum of six hours.

420 Training in Office Systems. (3) A. This course applies theories of learning and instructional development to office systems employee education and training. Topics include instructional design; strategy; technology; and the implementation, evaluation, and management of training in an organizational environment.

450 Managerial Communication Seminar. (3) A. Prerequisites: senior standing; ACS 201, 300, and SPE 300. A capstone course which applies business competencies and emphasizes analysis, application, and integration of communication processes, methods, media, and strategies in managerial decision making.

480 Integrated Office Systems. (3) A. Prerequisites: Formerly OAD 360. Prerequisites: GPA of 2.25; ACS 201, 300, and departmental approval. Internship experiences appropriate for the student’s major. Enrollment is limited to students majoring in the Department of Administrative Communication and Services.

Graduate Courses

760 Office Management. (3) A. Formerly OAD 360. Function and organization of offices: office layout and equipment, personnel; work simplification and control; technology in the office; planning, organizing, and controlling office services, systems, and jobs analysis.

780 Special Problems in Administrative Services. (1-4) A. Formerly OAD 380. May be taken under different sub-topics to a cumulative maximum of six hours. Student must have the independent study proposal form approved by faculty supervi- sor and department chair prior to enrollment.

GRADUATE COURSES

DEPARTMENT OF BUSINESS ADMINISTRATION


The Department of Business Administration offers courses in general business, management, marketing, and transportation and physical distribution leading to the Bachelor of Business Administration degree.

The Department of Business Administration participates in the Master of Business Administration program. A detailed description of this program is presented in the Graduate Catalog.

GENERAL BUSINESS PROGRAM

The objective of the Bachelor of Business Administration degree in general business is to prepare the student for a variety of entrepreneurial and administrative positions with small businesses or large multinational corporations as well as nonprofit organizations. Emphasis is on the development of decision-making skills, specifically in finance, management, and marketing.

The general business program will also provide an excellent foundation for graduate study in business (MBA). Interested students should consult with department faculty for professional advice about careers in the general business area.

All courses submitted toward the major must be completed with a grade of “C” or higher. At least 12 of the hours in the major must be completed at Eastern Kentucky University.
General Business
MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)

Major Requirements ........................................18 hours
Six hours FIN; six hours MGT; six hours MKT; all in addition to the business core and determined after consultation with finance, management, and/or marketing faculty.

Business Core .............................................45 hours

Business Electives ........................................9 hours
Suggested electives include ACC 300, CIS 380, ECO 300, INS 370, RST 310, or TPD 315.

Supporting Course Requirements ..........................3 hours
MAT 107 or 211.

General Education Requirements .........................43 hours
Standard General Education program, excluding course category 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
CBO 100; eight hours of restricted electives.

Free Electives.................................................1 hour

Total Curriculum Requirements .........................128 hours

course Descriptions

GBU—General Business

204 Legal Environment of Business. (3) I, II. Prerequisite: minimum GPA 2.25 and BBA major only. Course work experience in law and the legal system, social forces that make the law, business response to the social and legal environment. Focus on government regulation and federal regulatory agencies which impact business decision-making.


311 Law of Commercial Transactions. (3) II. Principles for law of personal property, property transfers, negotiable instruments, secured transactions, the application of the Uniform Commercial Code and business transactions, bankruptcy, and governmental regulation.

340 Cooperative Study in General Business. (1-3) A. Prerequisites: minimum GPA 2.25 and BBA major only. Practical work experience in business and field supervisors—training plan required. May be retaken to a maximum of six hours. Minimum 80 hours work required for each academic credit. May not count toward major.

350 Seminar in Business. (1-3) A. A carefully selected topic of special and contemporary interest to business students. May be retaken under different subtitles to a cumulative maximum of nine hours.

360 Business Internship. (2-4) A. Prerequisites: minimum GPA 2.25 and departmental approval. Practical experiences of the type appropriate for the student's major.

440 Business Consulting Practicum. (3) A. Prerequisites: senior and instructor approval. Students work under faculty supervision in a consulting role with area business firms, identifying problems, recommending corrective action, and implementing new procedures.

480 Administrative Policy. (3) I, II. Prerequisite: senior who has completed or is concurrently completing all other requirements of business major. A capstone study of administrative processes under conditions of uncertainty including integrative analysis and formulation of strategy and supporting policy at administrative executive levels.

GRADUATE COURSES

850 Legal, Ethical, and Social Environment of Business. (3) I.

851 Business Policy. (3) II.

MANAGEMENT PROGRAM

The objective of the Bachelor of Business Administration degree in management is to prepare graduates for entry into and advancement within management positions in both private and public sectors. Emphasis is on the development of applied and conceptual knowledge and decision-making skills required to effectively function within a variety of environments, ranging from small businesses to complex multinational corporations, as well as in nonprofit organizations.

Interested students should consult management faculty for professional advice about careers in management. Specialization is possible with the careful selection and use of major and business electives. In order to prepare for the accreditation examination in human resource management, students should complete MGT 410, 425, 440, and 445. The management program also prepares students for graduate programs in business (MBA).

All courses submitted toward the major must be completed with a grade of "C" or higher. At least 12 of the hours in the major must be earned at Eastern Kentucky University.

Management

MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)

Major Requirements ........................................18 hours
MGT 320, 400, 480, and nine hours of MGT electives above core determined after consultation with management faculty.

Business Core .............................................45 hours

Business Electives ........................................9 hours
Supporting Course Requirements ..........................3 hours
MAT 107 or 211.

General Education Requirements .........................43 hours
Standard General Education program, excluding course category 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
CBO 100; eight hours of restricted electives.

Free Electives.................................................1 hour

Total Curriculum Requirements .........................128 hours

Course Descriptions

MGT—Management

220 Introduction to Management. (3) I, II. Prerequisite: MGT 310. A study of management concepts, theories, systems, and functions related to the performance of businesses and other organizations in dynamic environments. Cannot be used for credit toward BBA degree.

300 Principles of Management. (3) I, II. Principles with emphasis on the organization theory, human relations, interpersonal communications, production, business ethics, development of management thought, and managing in the international arena.

320 Human Resource Management. (3) I, II. Prerequisite: MGT 310. Survey of principles and practices in the areas of human resource planning, job analysis, recruitment, selection, training, and development, performance appraisal, compensation, labor relations, safety and health, equal employment opportunity, and personnel research.

330 Small Business Management. (3) I, II. Prerequisite: MGT 300. Small business organization, location, financial planning, records, unit costs, merchandising, credit, and personnel policies.

340 Management Science. (3) I, II. Prerequisites: MGT 300 and ECO 220. Theory and application of quantitative techniques utilized in business decision making. Emphasis on problem formulation and modeling, linear programming, queuing theory, statistical analysis, simulation. Credit will not be awarded to students who have credit for CIS 390 or ECO 330.

349 Cooperative Study in Management. (1-3) A. Prerequisites: minimum GPA 2.25 and BBA major only. Co-curricular work experience in business and field supervisors—training plan required. May be retaken to a maximum of six hours. Minimum 80 hours work required for each academic credit. May not count toward major.

370 Operations Management. (3) I, II. Prerequisite: MGT 310. A study of manufacturing and non-manufacturing organizations; systems concepts, facilities location and layout; human factors; forecasting, production planning, work measurement.
400 Organization Theory. (3) I, II. Prerequisite: MGT 300. Principles of organization design as they relate to goals and strategy formulation, environmental conditions, technology, job design, control systems, and decision making.

406 Managerial Systems Analysis. (3) I. Prerequisite: MGT 340. Advanced methods and techniques used to analyze environmental change, monitor, and analyze organizational performances, control resources, and otherwise direct and manage the operation of complex organizations.

410 Labor Relations. (3) I. Formerly MGT 324, Prerequisite: MGT 320. Study of labor-management relationships, including union organization campaigns, contract negotiations, grievance and arbitration procedures, labor-management cooperation, and union-free environments.

425 Compensation Management. (3) II. Prerequisite: MGT 320. Advanced study of the human resource function of employee compensation. Topics include job analysis and evaluation, compensation surveys, pay structures, budgeting, pay for performance systems, benefits administration, and federal regulation of compensation management.

430 International Management. (3) II. Prerequisite: MGT 300. The study of management of international organizations with emphasis on techniques, processes and structures. Topics include international culture, leadership, ethics, decision making, and human resource management.

440 Human Resource Development. (3) I. Formerly MGT 420. Prerequisite: MGT 320. Advanced study of human resource management functions aimed directly at enhancing organizational effectiveness. Topics include training needs analysis; training program design, implementation, and evaluation; performance management and appraisal; and costing human resource development programs.

445 Employee Staffing and Research. (3) A. Prerequisite: MGT 320. Advanced study of the human resource management functions of staffing and research. Topics include recruitment, design and implementation of effective and legal selection systems; and applied research methods for data gathering, analysis and reporting.

450 Management Seminar. (1-3) A. May be retaken under different sub-topics to a cumulative maximum of nine hours. Selected topics in contemporary management literature.

460 Organization Behavior. (3) I, II. Prerequisite: MGT 300. Determinants and consequences of behavior in business organizations are analyzed in the contemporary language of administrative social systems and models. Interdependence of economic, social, and behavioral factors is emphasized.

490 Special Problems In Management. (1-4) A. Prerequisite: advisor/departmental approval. May be retaken under different sub-topics to a cumulative maximum of six hours. Independent work, special workshop, special topics, or seminars. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

GRADUATE COURSES

821 Organization and Management. (3) II.
824 Production and Quantitative Methods in Operations. (3) I.
850 Administrative Analysis in Organizations. (3) I.
854 Advanced Management Concepts. (3) II.
860 Seminar in Human Resource Management. (3) A.
890 Independent Study in Management. (1-4) A.

MARKETING PROGRAM

The Bachelor of Business Administration degree in marketing is designed to prepare the student for a career in marketing. Students will learn decision-making skills in each of fundamental areas of marketing: product, distribution, promotion, and pricing. Interested students should consult marketing faculty for professional advice about specializations and marketing careers.

Careful selection of marketing major and business electives will allow the student to prepare for a variety of positions in marketing from small businesses to large multinational corporations, and in both profit and nonprofit organizations. The marketing program will also provide the foundation for advancement in marketing management and graduate study in business (MBA).

All courses submitted for the major must be completed with a grade of "C" or higher. At least 12 hours of the major must be earned at Eastern Kentucky University.

Marketing

MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)

Major Requirements ........................................ 18 hours
MKT 450, 455, 460, and nine hours of MKT electives above the core determined after consultation with marketing faculty.

Business Core .................................................. 45 hours

Business Electives ........................................... 9 hours

Supporting Course Requirements .......................... 3 hours
MAT 107 or 211

General Education Requirements ........................ 43 hours
Standard General Education program; excluding course category 003. Refer to Part Three of this catalog for details on the General Education and University Requirements.

University Requirements ................................... 9 hours
CBO 100; eight hours of restricted electives.

Free Electives .................................................. 1 hour
Total Curriculum Requirements ............................ 128 hours

Course Descriptions

MKT—Marketing

200 Introduction to Marketing. (3) I, II. Nonbusiness majors, only. Introduces marketing concepts, techniques, and practices related to businesses and other organizations. Cannot be used for credit toward BBA degree.

300 Marketing. (3) I, II. Prerequisite: ECO 230. An introduction to the marketing of goods and services in advanced market economics; study of the marketing mix; pricing, distribution, selling, promotional activities, consumer behavior, and marketing research.

304 Retailing. (3) I, II. Prerequisite: MKT 300. Principles of retailing from the marketing perspective; types of retail businesses; organizations, location, layout, management of operations, inventory, personnel, promotion, and control.

310 Personal Selling. (3) I, II. Prerequisite: MKT 300. Personal selling in marketing; the selling process, stressing the modern, international sales-martks approach to customer society oriented problem solving.

315 Physical Distribution Management. (3) II. Cross listed as TPD 315. Prerequisite: MKT 300. Movement and storage of goods; coordination and control of inventory, customer service, packaging, materials handling, facilities location, flow of information, and transportation. Credit will not be awarded to students who have credit for TPD 315.

320 Advertising. (3) I, II. Prerequisite: MKT 300. How advertising is organized; economic and social aspects; advertising research, basic media strategy, consumer behavior; legal and other constraints, careers in advertising.

349 Cooperative Study in Marketing. (1-3) A. Prerequisites: minimum GPA 2.25 and BBA major only. Co-curricular work experience under faculty and field supervisors—training plan required. May be retaken to a maximum of six hours. Minimum 80 work hours required for each academic credit. May not count toward major.

390 Seminar in Marketing. (3) A. Prerequisite: MKT 300. May be retaken under different sub-topics to a cumulative maximum of six hours. Selected topics in contemporary marketing literature.

400 International Marketing. (3) I. Prerequisite: MKT 300. Determination of marketing strategy by United States firms and multinational corporations for serving foreign markets and for adapting to variations in cultural and economic factors affecting foreign marketing efforts.

404 Retailing Management. (3) I, II. Prerequisite: MKT 304. Investigation of current problems faced by retailers in store operations, management, retail buying, and inventory control. Outside readings, oral and written case studies, and field trip experiences are required.

408 Sales Management. (3) II. Prerequisite: MKT 310. Sales function in modern organizations with emphasis on current management techniques: time management, on-the-job coaching, directing the sales force to sell key accounts, situational analysis, and decision-making.

426 Advertising Campaigns. (3) A. Prerequisite: MKT 320. Planning and execution of an advertising campaign as a part of the overall marketing strategy. Students will perform copy and script writing, tape radio and television commercials, schedule media, budget, and make a presentation of the campaign. Credit will not be awarded to students who have credit for COM 450.

440 Industrial Marketing. (3) A. Prerequisite: MKT 300. An analysis of the marketing structure for industrial products. Product lines, channels of distribution, selling, pricing, and wholesaling problems.

450 Consumer Behavior in Marketing. (3) I, II. Prerequisite: MKT 300. Role of consumer decision-making as it affects the marketing firm; basic concepts of consumer behavior and interrelationships that exist between marketing and the behavioral sciences.
455 Marketing Research and Analysis. (3) [II]. Prerequisites: MKT 300 and ECO 220. The role of research in marketing decision-making; the research process, with emphasis on collection, analysis, and interpretation of data as applied to solving marketing problems. Students are required to do a research project.

460 Marketing Management. (3) [I, II]. Prerequisites: MKT 300 plus six hours of upper division MKT courses. The strategic marketing planning process involving analysis of the changing market place; analysis of alternative strategies to meet the needs of target markets; and the profitable execution of the marketing plan.

490 Special Problems in Marketing. (1-4) A. Prerequisite: advisor departmental approval. May be retaken under different sub-topics to a cumulative maximum of six hours. Independent work, special workshop, social topics, or seminars. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

GRADUATE COURSES
820 Survey of Marketing. (3) [II].
850 Marketing Problems. (3) [II].
854 Global Marketing Strategies. (3) A.
890 Independent Study in Marketing. (1-4) A.

TRANSPORTATION AND PHYSICAL DISTRIBUTION MANAGEMENT PROGRAM
The Bachelor of Business Administration degree in transportation and physical distribution is designed to attain the following objectives: (1) develop an understanding of the theories, techniques, and problems associated with moving people and goods from the viewpoint of industrial shippers, transportation carriers, and the government; (2) develop an awareness of the functional relationships of transportation and distribution management to other business functions, to the total system of the firm, and to the nation’s economy; (3) provide a learning experience which combines the theoretical framework of the classroom and the applied laboratory of the business environment; and (4) provide students with the knowledge and skills needed for successful careers in transportation, carrier management, traffic management, physical distribution and government regulation of transportation.

The transportation and physical distribution major consists of 18 hours above the business core. All courses submitted for the major must be completed with a grade of “C” or better. At least 12 hours in the major must be earned at Eastern Kentucky University.

Course Descriptions
TPD—Transportation and Physical Distribution
315 Physical Distribution Management. (3) [II] Cross listed as MKT 315. Prerequisite: MKT 300. Movement and storage of goods, coordination of operations, control of inventory, customer service, packaging, materials handling, facility location, flow of information, and transportation. Credit will not be awarded to students who have credit for MKT 315.

330 Principles of Transportation. (3) [I]. Prerequisite: MKT 300. Various forms of transportation and institutional factors influencing transportation decisions. Regulations, public policy, rate making, services, and the integration of transportation with other elements of business.

349 Cooperative Study in Transportation and Physical Distribution. (1-3) A. Prerequisite: minimum GPA 2.25 and BBA major only. Curricular work experience under faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours work required for each academic credit. May not count toward major.

430 Traffic Management. (3) [II]. Prerequisite: TPD 330. Industrial and carrier functions relating to buying/selling transportation services; legal duties; sources of information and tools available for solving transportation problems.

450 Transportation Law and Regulation. (3) [I]. Prerequisite: TPD 330. Evolution and development of federal and state laws in the transportation industry. Current regulatory environment affecting decision making for careers and industry.

490 Special Problems in Transportation and Physical Distribution. (1-4) A. Prerequisite: advisor departmental approval. May be retaken under different sub-topics to a cumulative maximum of six hours. Independent work, special workshops, social topics, or seminars related to transportation/physical distribution. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

GRADUATE COURSE
890 Independent Study in Transportation and Physical Distribution. (1-4) A.

DEPARTMENT OF ECONOMICS
F. O’Connor, Chair; Dickey, F. Engle, Karns, Morrow, Shadoan, Sharp, Vaughan, Watkins, Wright, Wuilleumier.

The curriculum in economics is designed to provide students with both a solid understanding of modern economic analysis and the analytical and quantitative skills needed to be effective decision makers in the private or public sector. Graduates of the curriculum are employed in business, government, and teaching. Also graduates have gone on to law school and graduate study.

A student may major in economics while pursuing one of the following degrees: (1) Bachelor of Arts degree in the College of Social and Behavioral Sciences; (2) Bachelor of Arts degree (Teaching); and (3) Bachelor of Business Administration degree in the College of Business. A minor in economics is available.

At least 12 of the hours in the major must be earned at Eastern Kentucky University. Students pursuing the Bachelor of Business Administration degree or the Bachelor of Arts Degree must make a grade of “C” or higher in all courses counted toward a major in economics. Students minor in economics must make a minimum grade of “C” in all courses counting toward a minor in economics.

Economics
MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)
Major Requirements ..................................................18 hours
ECO 221, 350, 351, and nine hours of approved upper division economic electives.
Business Core ..................................................45 hours

Transportation and Physical Distribution Management
MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)
Major Requirements ..................................................18 hours
TPD 315, 330, 430, 450, plus six hours to be determined after consultation with transportation and physical distribution faculty.

Business Core ..................................................45 hours
Business Electives ..................................................6 hours
Supporting Course Requirements ................................3 hours
MAT 107 or 211.

General Education Requirements ............................43 hours
Standard General Education program, excluding course category 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ........................................9 hours
CBO 100; eight hours of restricted electives.

Free Electives ..................................................4 hours

Total Curriculum Requirements ................................128 hours
Business Electives ........................................ 3-6 hours
Supporting Course Requirements ................................ 3 hours
MAT 211 or equivalent.

General Education Requirements ................................ 43 hours
Standard General Education program, excluding course category 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ........................................ 9 hours
CBO 100; eight hours of restricted electives.

Free Electives ..................................................... 4-7 hours

Total Curriculum Requirements ................................. 128 hours

In cooperation with the Department of Economics, the College of Social and Behavioral Sciences offers the Bachelor of Arts in Economics. Course offerings are listed in the Department of Economics, under the College of Business section of this Catalog.

Economics

MAJOR (BACHELOR OF ARTS)

Major Requirements .......................................... 30 hours
ECO 221, 230, 231, 350, 351; and 15 additional hours of upper division courses in ECO.

Supporting Course Requirements ............................. 21-39 hours
MAT 211 or equivalent. The other requirements will be determined by consultation between the Chair of the Department of Economics and the Dean of the College of Social and Behavioral Sciences.

General Education Requirements ............................ 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ........................................ 9 hours
CSO 100; eight hours of restricted electives.

Free Electives ..................................................... 4-22 hours

Total Curriculum Requirements ................................. 128 hours

MINOR IN ECONOMICS

A minor in economics requires completion of the following courses with a minimum grade of 'C' in each course and with at least nine of the upper division hours must be earned at EKU: ECO 230, 231, 350, 351, and six hours of upper division courses in economics ........................................ 18 hours

In cooperation with the Department of Economics, the College of Social and Behavioral Sciences offers the Bachelor of Arts in Economics (Teaching). This major must be taken in conjunction with an approved major or minor.

The supporting major or minor must be approved by the Dean of the College of Social and Behavioral Sciences, the Chair of the Department of Economics, and the Department of Curriculum and Instruction.

Economics (Teaching)

MAJOR (BACHELOR OF ARTS)

Major Requirements .......................................... 30 hours
ECO 221, 230, 231, 324, 330, 350, 351, and nine additional hours of upper division courses in economics.

Supporting Course Requirements ............................. 24-33 hours
MAT 211 or equivalent; a major or minor approved by the Dean of the College of Social and Behavioral Sciences, the Chair of the Department of Economics, and the Department of Curriculum and Instruction.

Teacher Education Requirements ............................ 28 hours
EDF 102, 202, 317, EPY 318, ESE 449, 498, and 499.

General Education Requirements ............................ 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ........................................ 9 hours
CSO 100; eight hours of restricted electives.

Total Curriculum Requirements ................................. 137-146 hours

MINOR IN ECONOMICS (TEACHING)

A minor in economics (teaching) requires completion of the following courses: ECO 230, 231, 324, plus 12 additional hours selected from the following: ECO 304, 333, 350, 351, 360, 432, or 492. Other additional upper division courses may be approved by the department. The minor must be taken in conjunction with an approved teaching major.

Course Descriptions

ECO—Economics

120 Economics In a World Setting: Principles. (3) I, II. A general education economics course dealing with economic principles and theories in a world setting. Emphasis on understanding the role of the economic environment. Does not count toward the economics major. Gen. Ed. 09. Students who have completed or are enrolled in ECO 230 or 231 will not receive credit for ECO 120.

130 Contemporary Economic Problems. (3) I, II. A general education economics course dealing with such contemporary economic problems as unemployment, inflation, national debt, energy, health, pollution, education, crime, and protectionism. Does not count toward the economics major. Gen. Ed. 12. Students who have completed or are enrolled in ECO 230 or 231 will not receive credit for ECO 130.

220 Business Statistical Methods I. (3) I, II. Prerequisites: MAT 107. Business and economic applications of frequency distributions, measures of location, variation, probability, sampling, estimation, test of hypothesis, linear regression, index numbers, and time series analysis. Credit will not be awarded to students who have credit for COR 400 or ECO 824 or EPY 842 or HEA 450 or PAD 400 or PSY 291 or STA 208 or STA 209 or STA 210 or STA 270.

221 Business Statistical Methods II. (3) A. Formerly ECO 320. Prerequisite: ECO 220. Business and economic applications of sampling, probability, time series analysis, index numbers, simple linear regression, correlation, the chi-square, analysis of variance, multiple regression and correlation, and non-parametric statistics. Credit will not be awarded to students who have credit for ECO 854 or EPY 843 or PSY 301 or STA 271 or STA 500.

230 Principles of Economics I. (3) I, II. Microeconomic principles, including the study of opportunity cost, consumer and producer choices, market demand and supply, pricing and resource allocation, comparative advantage and international trade. Gen. Ed. 09 if ECO 231 is taken.


300 Managerial Economics. (3) I, II. Prerequisite: ECO 230. Economic concepts that are directly applicable to business decision making including cost and production, profits, demand and pricing, capital budgeting and investment, and forecasting.

304 Government and Business. (3) A. Prerequisites: ECO 230 and 231. Development of the historical relationships between private enterprise and society. Discussion and application of major theoretical tools available to analyze issues of business and society.
310 Big Business in Modern America. (3) A. Cross listed as HIS 310. Prerequisite: HIS 203 or ECO 230; or instructor approval. The growth of "big businesses" in America from the middle of the nineteenth century to the present; strategy and structure; multinational corporations; public policy. Credit will not be awarded to students who have credit for HIS 310.

324 Money and Banking. (3) I, II. Prerequisite: ECO 231. Functions of money, monetary systems, history of banking, functions of the commercial bank, bank assets and reserves, loans and discounts, bank supervision, the federal reserve system, central banking policies, monetary and fiscal policies.

330 Quantitative Methods in Accounting, Business, and Economics. (3) I, II. Prerequisites: ECO 231. Mathematical tools of accounting, inventory models, queuing models, transportation, simulation techniques. Credit will not be awarded to students who have credit for CIS 390 or MGT 340.

333 Economics of Labor. (3) A. Prerequisites: ECO 230 and 231. History of the labor movement, union structure and government, collective bargaining, labor markets, governmental regulations and controls, current issues in labor relations.

349 Cooperative Study in Economics. (1-3) A. Prerequisite: minimum GPA 2.25. Co-curricular work experience under faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours work required for each academic credit hour. May not count toward major.

350 Intermediate Macroeconomic Theory. (3) I. Prerequisite: ECO 231: Analysis of aggregate economic activity; consumption, investment, employment, output, money and prices, exports and imports; stabilization policy.

351 Intermediate Microeconomic Theory. (3) II. Prerequisite: ECO 230. Analysis of consumer and producer behavior, market equilibrium, pricing and resource allocation under alternative market structures, risk aversion and information.

360 Consumer Economic Problems. (3) A. Analysis of how production and consumption choices are related to consumer welfare, including the study of consumer sovereignty, human capital, income distribution, taxation, and labor force participation.

365 Public Finance. (3) A. Prerequisite: ECO 230. Economics of the public sector, including the scope and rationale for government, public goods and externalities, voting schemes and public choice, taxes and subsidies, and transfer payments.

394 International Economics. (3) I, II. Prerequisites: ECO 230 and 231. An introduction to international trade and investment theory emphasizing international business, international trade theory, trade and investment patterns, payment systems, balance of payments, international companies, and international issues.

420 Econometrics. (3) A. Prerequisites: ECO 221 or equivalent, 230, and 231. Use of economic theory and statistics in the formulation, estimation, and testing of economic models. Applications in the analysis of consumer and producer behavior, markets, and macroeconomic relations.

430 Mathematical Economics. (3) A. Prerequisites: ECO 230, 231, and MAT 211. Mathematical formulations of economic theories. Models of the consumer, the firm, markets, economic growth, and business cycles.

432 Alternate Economics Systems. (3) A. Prerequisite: ECO 231. Capitalism, Utopian forerunners, the Marxian Theory of socialism and communism, modern socialism and communism, British Socialism, the economy of the Soviet Union, Fascism, the consumer cooperative movement.

492 Business Cycles. (3) II. Prerequisite: ECO 231. Growth, instability, inflation, business cycle theories, spending and saving decisions, government expenditures and tax patterns, prices, output, and employment, historical cyclical patterns, economic forecasting.

520 Economic Thought and Philosophy. (3) II. Prerequisites: ECO 230 and 231. The evolution of economic ideas from the Mercantilist period until present. Relation of the various schools of economic thought to the development of market system philosophy.

560 Special Problems in Economics. (3) A. Prerequisite: advisor/departmental approval. Independent work, special workshop, special topics or seminar. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

570 Health Care Economics. (3) A. Prerequisite: ECO 230 or departmental approval. Introduction to health economics, including the study of the demand for and production of medical care, health planning, regulation, finance and evaluation.

580 Natural Resource and Environmental Economics. (3) II. Prerequisite: ECO 230 or departmental approval. Economic tools used in the allocation of natural resources including: policy proposal criteria, resource allocation, conservation, the social role, benefit analysis, and environmental impact assessment.

590 Regional Economics. (3) A. Prerequisite: ECO 230 and 231 or departmental approval. Analysis of patterns of regional growth and development. Use of economic models for regional forecasting and policy evaluation; the problems of marginal areas in developed economies.

595 The Economics of Growth and Development. (3) A. Prerequisites: ECO 230 and 231. The measurement of underdevelopment, the international distribution of income, the causes of economic growth, public policy for the promotion of economic growth, theories of development.

DEPARTMENT OF
FINANCE AND
BUSINESS SYSTEMS

795 The Economics of Growth and Development. (3) A.
807 Economics: Some Basic Concepts (1-3) A.
822 Survey of Economics. (3) I.
824 Survey of Statistical Methods in Business and Economics. (3) I.
850 Managerial Economics. (3) II.
854 Advanced Statistical Applications. (3) A.
855 Contemporary Economic Issues. ______- (1-6) A.
880 Independent Study in Economics. (1-6) A.

V. Brewer, Chair; Alford, Bickum, Black, Bodley, Carr, Gakpo, Gardner, Jordan, Kensicki, C. Lin, E. Lin, McGloin, Patrick, Robinson, Zaveri.

The Department of Finance and Business Systems offers courses in computer information systems, finance, insurance, and real estate leading to the Bachelor of Business Administration degree. The Department of Finance and Business Systems participates in the Master of Business Administration program. A detailed description of this program is presented in the Graduate Catalog.

COMPUTER INFORMATION SYSTEMS

Courses for the Bachelor of Business Administration in Computer Information Systems focus on the information requirements of decision makers in all areas of business. The curriculum includes programming languages, in-depth analysis of business problems, decision tools and techniques, information flow analysis, systems design, and data base management.

The computer information systems (CIS) major consists of 21 hours of CIS courses above the business core. All work for the major must be completed with a grade of "C" or higher, 15 hours must be upper-level courses, and at least 12 of the hours in the major must be earned at Eastern Kentucky University.

Computer Information Systems
MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)

Major Requirements ................................................................. 21 hours
CIS 250, 355, 380, 435, 480, and six hours CIS electives above core.

Business Core ................................................................. 45 hours
Business Electives ........................................................... 3 hours

Supporting Course Requirements ....................................... 4 hours
Math 107 or 211; CSC 171.

General Education Requirements ...................................... 43 hours
Standard General Education Program, excluding course category 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................................. 9 hours
CIS 210, 280, eight hours of restricted electives.

Free Electives ................................................................. 3 hours

Total Curriculum Requirements ......................................... 128 hours
MINOR IN COMPUTER INFORMATION SYSTEMS

There is a minor in computer information systems for students in colleges other than the College of Business. The minor consists of 21 hours of CIS courses including CIS 250, 380, and 435. At least 12 hours of the minor must be earned at EKU. Students pursuing the computer information systems minor must maintain a 2.25 GPA on all work counting toward the minor.

Course Descriptions

CIS—Computer Information Systems

212 Introduction to Computer Information Systems. (3) I, II. Introduction to computer hardware, software, and systems; management information systems and the role of the computer in business; spreadsheet, word processing, data base, and programming concepts. Gen. Ed. 03

230 Business Applications of Microcomputers. (3) I, II. The application of microcomputers to business: record keeping, planning, scheduling, inventory control, financial analysis, and other business analyses for managerial decision making.

250 COBOL Programming. (3) I, II. Prerequisite: CIS 171 or equivalent. Programming of business problems in COBOL; emphasizes structured program design and top-down coding and testing techniques.

260 RPG Programming. (3) I, II. Applications of RPG language in day-to-day business operations. Major topics include control levels, changing tables, program logic, file management, disk processing, and advanced topics.

265 Fundamentals of Unix for Business. (3) A. Fundamentals of the Unix Operating System from the business end-user perspective. Introduction to Unix shell programming for business applications. Introduction to Unix system administration in the business environment. Credit will not be awarded to students who have credit for CSC 209.

300 Management Information Systems. (3) I, II. Fundamentals of management information systems; MIS, subsystems, the role of MIS in business, management of information resources, current trends and the future development in information processing and management.

320 Assembly Languages. (3) I. Prerequisite: departmental approval. Instruction codes, input-output, macros, machine representations of characters, control, arithmetic and logic operation, subroutines, indexing and indirect addressing, assembly systems and current advances in computer organization.

345 PL-1 Programming. (3) I. Prerequisite: departmental approval. Introduction to the PL-1 language and its relationship to FORTRAN, COBOL, and ALGOL.

355 Cooperative Study in Computer Information Systems. (1-3) A. Prerequisites: GPA 2.25 and CBA major, only Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. Normally limited to a maximum of six hours. Minimum 80 hours experience per credit hour. May not count toward major.

355 Advanced COBOL Programming. (3) I, II. Prerequisite: CIS 250. An in-depth study of COBOL syntax and its application to business data processing. Major topics are advanced reporting, subprograms, data validation programs, file maintenance programs including sequential, relative, and indexed files, interactive processing, and data base processing.

360 Computer Information Systems Internship. (2-4) A. Prerequisites: GPA of 2.25 and advisor/departmental approval. Practical experience in computer information systems.

365 "C" Programming in Business. (3) II. "C" Programming with emphasis on business applications. Include control statements, functions, arrays, pointers, input/output, and files. Credit will not be awarded to students who have credit for CSC 209.

370 Seminar in Computer Information Systems. (1-3) A. Prerequisite: instructor approval. Selected topics of special and contemporary interest to business students.

375 Fundamentals of Telecommunication. (3) A. Prerequisite: a programming language course. Fundamental concepts, definitions, and theory of modern telecommunication, the role of standards and protocols, point-to-point transmission control, current transmission media, types of carriers, network architecture and configurations, telecommunication hardware and software, major management and technological issues.

380 Systems Development. (3) I, II. Prerequisite: CIS 250. Overview of the information systems development life cycle; use of structured tools/techniques for systems development with an emphasis on systems analysis and conceptual design; information and reporting activities; transition from conceptual design to physical design.

390 Quantitative Business Applications. (3) I. Prerequisite: ECO 220. Decision-making under uncertainty, PERT, optimization, inventory control models, linear programming, transportation models, dynamic programming, queuing models, and simulation. Credit will not be awarded to students who have credit for ECO 330 or MGT 340.

395 Data Base Management. (3) I, II. Prerequisites: six hours CIS including CIS 250. Basic concepts of database systems. Coverage includes data structure, file organization, data base models, and use and design of database.

436 Advanced Data Base Management. (3) II. Prerequisite: CIS 435. An in-depth study of data base management with an emphasis on data base analysis and design. Coverage includes normalization of data, data modeling, semantic modeling, data base design methodologies, and relational data base design and implementation.

476 Decision Support and Expert Systems. (3) I. Prerequisites: CIS 380 and 435. Course focus is on design, development, implementation, and contribution of data structures and systems in management planning, decision making, and control. Students will design and validate model-based DSS, data based DSS, and expert systems to aid managerial problem solving.

480 Information Systems Design and Implementation. (3) I, II. Prerequisites: CIS 380 and 435. Strategies and techniques of structured analysis and design of information systems; application of computer programming and system development concepts and principles to a comprehensive system development project: analysis, design, and implementation.

490 Special Problems in Computer Information Systems. (1-4) A. Prerequisite: advisor/departmental approval. Independent study in Information Systems. May be retaken under different sub-topics to a maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

GRADUATE COURSES

850 Information Systems. (3) II.

860 Contemporary Topics in Information Technology. (3) A.

870 Management of Information Systems. (3) A.

850 Independent Study in Computer Information Systems. (1-4) A.

FINANCE PROGRAM

Finance may be viewed as containing three specialized fields: corporate finance, investment finance, and financial institutions. The Bachelor of Business Administration degree in finance is designed to give students broad knowledge in all three areas of finance. An in-depth knowledge in one of the areas can be obtained by careful selection of FIN electives.

Graduates are equipped with the qualifications necessary to enter a finance career in corporations, banks, investment firms, government agencies, savings and loan associations, franchise operations, and other organizations.

The finance major consists of 18 hours above the business core. The student must complete all courses offered within the major with a grade of “C” or higher. At least 12 hours in the major must be earned at Eastern Kentucky University.

Finance

MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)

Major Requirements ..................................................18 hours

FIN 304, 324, 400, and nine hours FIN above core (must complete FIN 400 in first nine FIN hours above the core). Appropriate courses to be determined after consultation with finance faculty.

Business Core ..........................................................45 hours

Supporting Course Requirements ................................9 hours

MAT 211, ECO 221, and three hours from RST 310, 320, 330, INS 370, 372, 374, 376, ACC 300, 301, ECO 300, 324, 350, 351, and 394. (ACC and ECO courses taken to fulfill the supporting course requirements are in addition to those taken to fulfill the core business course requirements.)

General Education Requirements ................................43 hours

Standard General Education Program, excluding course category 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ...........................................9 hours

CBO 100; eight hours of restricted electives.

Free Electives ..........................................................4 hours

Total Curriculum Requirements .................................128 hours
Course Descriptions

FIN—Finance

201 Personal Money Management. (3) I, II. A consumer approach to insurance, family budgeting, income taxes, elementary investment principles, and estate planning. Does not count toward the major in finance or general business. Credit will not be awarded to students who have credit for HEC 255.

200 Business Finance. (3) I, II. Prerequisites: ECO 220 and ACC 202. Financial principles and functions with applications to business organizations, including time-value of money, investment, dividend decision, capital structure; models and tools used for financial analysis.

304 Financial Institutions. (3) I, II. Prerequisite: FIN 300. A survey of the evolution of financial institutions, including the impact of regulation and deregulation.

324 Investments. (3) I, II. Prerequisite: FIN 300. Characteristics of bonds, stocks, securities market, investment banking. Sources of investment information; analysis of securities; and efficient market theory.

349 Cooperative Study in Finance. (1-3) A. Prerequisites: minimum GPA 2.25 and BBA major only. Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours experience per credit hour. May not count toward major.

400 Intermediate Finance. (3) I, II. Prerequisite: FIN 300, MAT 211, and ECO 221. Working capital management; capital asset pricing model and its application to capital budgeting; valuation of the firm and cost of capital; long term financing to include leasing, mergers, and liquidations; international financial management.

403 Working Capital Management and Capital Budgeting. (3) I. Prerequisites: ECO 221 and FIN 400. In depth theory and decision tools for working capital management and capital budgeting. Topics include cash management, negotiating lines of credit, accounts receivable management, cost of capital, capital budget proposal presentation, long term financing.

404 Advanced Financial Management. (3) II. Prerequisites: ECO 221 and FIN 400. In depth examination of the financial management of the firm. Cases on the financing decision, the investment decision, and the dividend decision within the context of the capital asset pricing model.

408 Bank Management. (3) II. Formerly FIN 308. Analysis of commercial banks and thrifts; asset and liability maturity analysis, reserve management, credit analysis, investment policies, and capital requirements.

414 Advanced Financial Institutions Management. (3) II. Prerequisite: FIN 304 An extension of FIN 304, but in more detail concerning the role of financial institutions in the economy. Major topics include money markets, financial institutions management, asset analysis and investment and loan policies.

420 Modern Portfolio Theory. (3) I. Prerequisites: FIN 324 and ECO 320. Portfolio selection, analysis and revision, efficient markets theory, computer analysis of financial assets and portfolios of assets.

421 Investment Analysis. (3) II. Prerequisite: FIN 324. Analysis of publicly held securities, options, futures, and index options. Role of capital asset pricing model, stochastic dominance, time-state preference model, arbitrage, hedging and speculation.

450 Seminar in Finance. (1-3) A. Prerequisite: instructor approval. Selected topics of special and contemporary interest to business students. May be retaken under different subtitles to a maximum of six hours.

455 International Finance Management. (3) A. Prerequisites: FIN 304, 324, and 400. This course deals with the international dimensions of corporate finance including working capital, capital budgeting, and international borrowing for multinational companies. Interaction between international capital markets, international financial institutions, foreign exchange risks, and international portfolio diversification will be examined.

490 Special Problems in Finance. (1-4) A. Prerequisite: advisor departmental approval. May be retaken under different sub-topics to a maximum of six hours. Independent work, special workshops, special topics, or seminars. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

GRADUATE COURSES

820 Managerial Finance. (3) I.

850 Problems in Managerial Finance. (3) II.

851 Seminar in Investments. (3) I.

890 Independent Study in Finance. (1-4) A.

INSURANCE PROGRAM

The objective of the Bachelor of Business Administration degree in insurance is to provide students with a basic knowledge in all areas of insurance so that they can pursue a career in any of the broadly diversified opportunities available in this profession. The insurance industry includes opportunities in finance, accounting, data processing, actuarial science and statistics, marketing, management, engineering, and various other disciplines as well as the more specialized insurance functions of underwriting, ratemaking, and claims handling. In every case, however, the successful career path in insurance requires a working knowledge of all facets of insurance including life, health, property-liability insurance, employee benefits, and risk management.

The insurance courses are designed to be useful for all students, regardless of their primary field of study. These courses are also designed to help the student become a more knowledgeable and sophisticated insurance consumer. INS 370 or 372 can be used to meet the state 40-hour education requirement prior to taking the Kentucky General Lines Agents Licensing Examination. INS 370 meets the same requirements for the Kentucky Life-Health Agent Examination.

The insurance major consists of a minimum of 15 credit hours of insurance. The insurance major is required to take INS 370 prior to taking any other insurance course. All courses submitted toward the major must be completed with a grade of "C" or higher. At least 12 of the hours in the major must be earned at Eastern Kentucky University.

Insurance

MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)

Major Requirements .................................................. 18 hours

INS 370, 372, 374, and nine additional hours at the 300 level or above. The nine additional hours may include INS 376, 378, 380, 400, 474, 490, or a maximum of three hours of 300-400 level FIN or RST.

Business Electives .................................................... 6 hours

Business Core .......................................................... 45 hours

Supporting Course Requirements ................................ 3 hours

MAT 107 or 211.

General Education Requirements ............................... 43 hours

Standard General Education program, excluding course category 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ............................................ 9 hours

CBO 100: eight hours of restricted electives.

Free Electives ............................................................ 4 hours

Total Curriculum Requirements ................................. 128 hours

Course Descriptions

INS—Insurance

349 Cooperative Study in Insurance. (1-3) A. Prerequisites: GPA 2.25 and BBA majors only. Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours work required per credit hour. May not count toward major.

370 Principles of Risk and Insurance. (3) I, II. Theory and practice of insurance and its economic and social significance; basic life, health, and property-liability insurance for businesses and families; review of the major lines of insurance.

372 Fundamentals of Property-Liability Insurance. (3) A. Prerequisite: INS 370 or instructor approval. Planning and evaluating individual and business firm property-liability insurance; analysis of insurance coverage; against pure risk related to property-liability insurance exposures.

374 Fundamentals of Life and Health Insurance. (3) A. Prerequisite: INS 370 or instructor approval. Analysis of life insurance and annuity products available in the individual market. Includes a discussion of systems for determining the individual’s life insurance needs.

376 Employee Benefit Planning. (3) A. Prerequisite: INS 370 or instructor approval. Employee benefit plans including taxation, costs, and choices of funding. Includes an analysis of the role of employee benefit plans in meeting the risks of death, illness, and old age.

378 Business Risk Management. (3) A. Prerequisite: INS 372 or instructor approval. Risk management as used by the business firm; basic functions of risk management; risk management decision-making as a corporate buyer of insurance.
380 Personal Risk Management. (3) A. Prerequisite: INS 370 or instructor approval. An intensive examination of personal loss exposures and their treatment. Emphasized is the use of risk management techniques. Topics include personal automobile, property, premature death, illness, accidental injury, superannuation, investment risks, and estate planning. Social and private insurance treatments are included as well as other risk management techniques.

382 Commercial Property Risk Management and Insurance. (3) A. Prerequisite: INS 370 or instructor approval. This course is an in-depth analysis and measurement of commercial property loss exposures and the insurance coverages designed to meet those exposures. Commercial property, boiler and machinery, commercial crime, inland and ocean marine, business owners, farm policies, and a variety of miscellaneous property insurance forms are discussed, along with related risk management techniques. It will prepare the student for the CPCU 3 examination administered by the American Institute for Property and Liability Underwriters leading to the professional designation, CPCU.

384 Commercial Liability Risk Management and Insurance. (3) A. Prerequisite: INS 370 or instructor approval. This course analyzes the major sources of liability loss exposures, applicable controls, and the insurance coverages designed to meet those exposures. General liability, employers liability, workers compensation, auto liability, professional liability, and a variety of miscellaneous liability coverages and loss-financing measures are discussed in addition to surety bonds. A survey case includes material on commercial property risk management and insurance. It will prepare the student for the CPCU 4 examination administered by the American Institute for Property and Liability Underwriters leading to the professional designation, CPCU.

386 Insurance Company Operations. (3) A. Prerequisite: INS 370 or instructor approval. This course examines insurance marketing, underwriting, reinsurance, ratemaking, claims adjusting, loss control and other insurer activities. It will prepare the student for the CPCU 5 examination administered by the American Institute for Property and Liability Underwriters leading to the professional designation, CPCU.

388 Insurance Agency Operations. (3) A. Prerequisite: INS 370 or instructor approval. This course examines the operations of a unique small business, the insurance agency. It will apply material used in other courses such as management, marketing, accounting, finance, and insurance. These business administration principles will be distilled into components that may be applied to the operation of an insurance agency. This course will prepare the student for one part of the Accredited Adviser in Insurance (AAI) specialty designation awarded by the Insurance Institute of America.

400 Seminar in Insurance. (1-3) A. Prerequisite: instructor approval. Selected topics of special and contemporary interest to business students. May be retaken under different subtitles to a maximum of six hours.

474 Life Insurance and Estate Planning. (3) A. Prerequisite: INS 374 or instructor approval. Role of life and health insurance in family estate planning; considerations of developing an estate plan for the individual or the family.

490 Special Problems in Insurance. (1-3) A. Prerequisite: advisor/departmental approval. May be retaken under different sub-topics to a maximum of six hours. Independent work, special workshops, special topics, or seminars. Student must have the independent study course proposal form approved by faculty supervisor and department chair prior to enrollment.

GRADUATE COURSES

876 Employee Benefit Planning. (3) A.

878 Business Risk Management. (3) A.

890 Independent Study in Insurance. (1-4) A.

REAL ESTATE PROGRAM

The real estate curriculum is planned to provide the academic background in real estate which is required today by the complexities inherent in an era of population, environmental, economic, and governmental pressures. The Bachelor of Business Administration degree in real estate is designed for those who wish to concentrate in one of the real estate specialties such as brokerage, marketing, appraisal, finance, research, property management, or development.

The real estate major consists of 21 hours above the business core. At least 12 hours of the major must be earned at Eastern Kentucky University. Transfer hours are subject to approval by the Chairholder of Real Estate.

All courses in the real estate curriculum satisfy the educational requirements for a sales or broker’s license (KRS 324.046) in the Commonwealth of Kentucky.

Real Estate

MAJOR (BACHELOR OF BUSINESS ADMINISTRATION)

Major Requirements ...........................................21 hours
RST 310, 320, 325, 330, 340; 400 or 410; plus three hours RST electives to be determined in consultation with advisor.

Business Core ......................................................45 hours
Business Electives ..................................................3 hours
Suggested electives include ACC 300, 322, ECO 360, MKT 320, or PLA 220.

Supporting Course Requirements ............................6 hours
MAT 107 or 211; INS 370.

General Education Requirements ...........................43 hours
Standard General Education program, excluding course category 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .......................................9 hours
CBO 100; eight hours of restricted electives.

Free Electives ..................................................... 1 hour
Total Curriculum Requirements ............................128 hours

Course Descriptions

RST—Real Estate

110 Fundamentals of Real Estate for the Consumer. (3) I. Introduction to the elements of real property ownership, law, and leasehold interests. Will not apply toward real estate major requirements.

130 Financing Real Estate for the Consumer. (3) II. Methods of financing the personal acquisition of real property: conventional mortgages, FHA and VA loans, and contemporary creative financing methods. Investment and shelter techniques in the purchase of investment property. Will not apply toward Real Estate major.

310 Real Estate Principles. (3) I, II. Procedures involved in ownership and transfer of real property; laws governing real estate transactions.

320 Real Estate Law. (3) I, II. Businessperson’s point of view of real estate instruments, property rights and liabilities, estates, and interest and liens.

325 Computer Applications in Real Estate. (3) I. Prerequisite: RST 310 or 320. Computer applications in the real estate business: Construction and use of spreadsheet and data base programs in the analysis of real estate finance and feasibility studies.

330 Real Estate Finance. (3) A. Prerequisites: RST 310 and FIN 300; or instructor approval. Sources of funds for financing real estate transactions; financial instruments that are used and problems encountered in financing real estate.

340 Appraisal of Residential Property. (3) A. Prerequisites: RST 310 and 330; or instructor approval. Fundamentals of appraising real property; approaches to determining value; factors that contribute to the value of real estate.

349 Cooperative Study in Real Estate. (1-3) A. Prerequisites: junior, minimum 2.25 GPA, and BBA majors only. Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours experience per credit hour. May not count toward major.

350 Real Estate Marketing. (3) I. Prerequisite: RST 310 or instructor approval. Factors in marketing residential, business, industrial, and farm property, such as listing, negotiating, advertising, showing, determining the need of the client, qualifying clients, and closing the sale.

351 Real Estate Research and Feasibility Analysis. (3) A. Prerequisite: RST 310. Analysis of target markets, media demographics, advanced real estate advertising techniques, and marketing feasibility studies. Housing formats include single family, planned unit development, mixed development, condominiums, and rental residential developments.

355 Real Estate Property Management. (3) A. Prerequisite: RST 310. Administration, marketing, and evaluation of residential and commercial income properties; interaction with development and construction firms.

400 Real Estate Administration. (3) II. Prerequisites: senior standing plus 15 hours RST. Establishment and operation of administrative functions in the real estate office: staff recruitment, training and evaluation; establishment of policies and practices; professional ethics; State and Federal legal requirements.

410 Income Property Valuation/Investment. (3) A. Prerequisites: senior standing plus 15 hours RST including RST 340. Real Estate income property cash flow statements and valuation; investment analysis and decisions; operation of trusts; syndications; partnerships and corporations as a basis for real estate investment; selection and evaluation of real property investment portfolios.
Seminar in Real Estate. (1-3) A. Selected topics of special and contemporary interest to business students. May be retaken under different subtitles to a maximum of six hours.

Special Problems in Real Estate. (1-3) A. Prerequisite: advisor/departmental approval. May be retaken under different sub-topics to a maximum of six hours. Independent work, special workshop, special topics, or seminars. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

GRADUATE COURSE

Special Problems in Contemporary Real Estate. (3) A.
Eastern Kentucky University has maintained a strong interest in and commitment to the preparation of teachers since its founding in 1906 and is dedicated to the preparation of teachers to function effectively in a culturally diverse society in order to meet the needs of all students. While teacher education at Eastern is viewed as an all-university function, the programs of early elementary, middle grades, special education, and communication disorders are located and advised in the College of Education. Secondary teaching programs are located in their respective colleges with students receiving academic advisement from the college of their major and professional teaching advisement in the College of Education.

ADMISSION TO THE COLLEGE OF EDUCATION

Students will be assigned an advisor by their departmental chair on admission to the College of Education and must enroll in Academic Orientation, EDO 100, during the first semester and Professional Laboratory, EDF 102, during the freshman year.

It must be clearly understood that admission to the College of Education is not synonymous with admission to the teacher education program.

CURRICULUM REQUIREMENTS

Each student must make application for a planned curriculum at the time of completion of lower division requirements and admission to the College of Education. Those students who are in teaching programs will initiate their applications for a planned curriculum while enrolled in EDF 202/300. Students in non-teaching programs must apply for a planned curriculum in the office of the chair of their major department. Any change in the planned curriculum must be approved by the student’s advisor, the department chair, and the Dean of the College of Education; and the student’s contract must reflect these changes. Changes approved verbally by phone or otherwise will not be honored unless the contract is officially altered to reflect such approval. It is the student’s responsibility to register for the proper courses so that all requirements are satisfied at the time of expected graduation.

Students may plan their curricula from the following options:
1. an area of concentration, or
2. two majors, or
3. one major and two minors, or
4. one major and one minor when credit in both totals 48 semester hours (54 when English is included as the major), or
5. a single major of 30 hours in approved teaching or non-teaching fields.

TEACHER EDUCATION PROGRAMS

The curricula offered by the University has been planned and developed to meet the needs of students who desire to become teachers, principals, supervisors, superintendents, attendance officers in the public schools, guidance counselors, and speech-language pathologists. Curricula are offered for the preparation of early elementary teachers (K-4) and middle grade teachers (5-8); for teachers of the special subjects of art, business, health, physical education, home economics, industrial arts, music, and special education; for teachers of technical and industrial subjects in vocational schools; and for the preparation of secondary school teachers in the fields of biology, chemistry, earth science, economics, English, French, geography, German, history, mathematics, physics, political science, psychology, Russian, social science, sociology, Spanish, speech, and speech and drama.

OVERLOAD, CORRESPONDENCE COURSES, AND TRANSFER COURSES

In the College of Education overloads are discouraged and must be approved by the dean. Applications for overloads must contain the student’s overall grade point average and must stipulate whether the student is taking a correspondence course at Eastern or at other universities or courses at other universities and, if so, the number of hours being attempted.

While enrolled at Eastern, students are discouraged from burdening their schedules by taking correspondence courses and other courses at other universities. To be accepted into their programs such courses must have the dean’s approval before they are taken. Requests to take courses at other universities must specify the student’s overall grade point average and the number of hours the student plans to take during the semester.

Since student teaching is an especially demanding semester, students should not plan to take overloads or correspondence courses concurrently with student teaching.
Student Services
Teacher Admission and Certification

— Director

This office is responsible for the admission of students to teacher education programs at Eastern. It receives and processes applications for teaching certificates and certificates for other school personnel (principals, supervisors, superintendents, counselors, pupil personnel directors, business administrators, and librarians).

Those students planning to follow a teaching program in the College of Education must meet the requirements for admission to the teacher education program. All students, regardless of the college in which they enroll, must apply for admission to teacher education if they expect to complete a teaching program and be approved for certification.

Students entering Eastern Kentucky University in the fall of 1991 and thereafter and students readmitted after one year’s absence from the University who are completing bachelor’s degree programs which include teacher certification must have 30 of the last 36 hours in the program exclusive of student teaching (ELE 499, EMG 499, ESE 499, SED 499) awarded by Eastern Kentucky University.

Those who plan to work toward a teaching certificate must enroll in EDF 102, Professional Laboratory, and in EDF 202, Professional Orientation. Enrollment in EDF 102 should be in the freshman year and in EDF 202 in the sophomore year. The application for the teacher education program will be processed as part of EDF 202. Transfer students who have had a course equivalent to EDF 202 at another institution should enroll in EDF 300, Orientation to Teacher Education, in lieu of EDF 102/202. This must be done during the transfer student’s initial semester at Eastern.

The Admissions Committee for Teacher Education will review the results of EDF 102/300 tests and application materials submitted during EDF 202/300 and take appropriate action concerning the student’s admission to the teacher education program on the completion of 60 semester hours (not including 090 level courses) and based on the following criteria:

1. Complete 12 hours of on-campus residence credit at Eastern prior to admission to the teacher education program.
2. Attain a 2.5 grade point average (4.0 scale) in all college work at Eastern including a passing grade in EDF 102/300 and a minimum grade of “C” in EDF 202. Effective with students admitted to teacher certification programs after July 1, 1992, admissions criteria will include a grade of “C” or better in ENG 101 and 102 (or their equivalents).
3. Demonstrate proficiency in writing and communication skills, including evidence of satisfactory speech and speaking effectiveness. Effective with students admitted to teacher education after July 1, 1992, admissions criteria will include successful performance on the University Writing Requirement.
4. Present satisfactory recommendations from four Eastern faculty members, including the student’s instructor in EDF 102, EDF 202/300, and the student’s advisor or a person in their major.
5. Provide evidence of no physical or psychological impairments that would preclude teaching success.
6. Accumulate a satisfactory record of acceptable social behavior in the University community as well as the community at large.
7. Present satisfactory results on examinations taken in EDF 102/300 or other examinations as may be required by the Admissions Committee. Students scoring below minimum requirements shall be required to improve their competencies to an acceptable level before admission to teacher education. This may include therapy and enrollment in credit or noncredit remediation courses and re-testing to determine that minimum competencies are met.
8. Students must demonstrate adequate computer literacy skills prior to being admitted to the Teacher Education Program. Students who have a grade of “C” or better in CSC 104 or CIS 212 satisfy the computer literacy requirement. Students who do not pass the test may remediate and arrange to re-test once in the Office of Educational Research and Evaluation. After failure of the test two times, the student must make a “C” in CSC 104 or CIS 212.

If, after admission to the teacher education program, a student is placed on either academic or social probation, the application will be reconsidered.

Educational Research and Evaluation

R. Byrne, Director

This office performs two major functions. First, it provides a central location for the collection and summary of statistical information relevant to quality control of the teacher education product. The director coordinates the selection, administration, and analysis of measurement instruments utilized in the admission to the teacher education process and also those instruments appropriate for evaluating students during the professional semester. This office regularly conducts follow-up studies of graduates of the teacher education program. Second, it provides services to faculty and students for identifying research hypotheses, assistance in formulating the procedure, analysis of data, and dissemination of information.

Professional Laboratory Experiences

D. Rush, Director

This office is responsible for the organization and administration of all professional laboratory experiences relating to the teacher education program of the University. This includes location and approval of teaching centers; assignment, supervision, and evaluation of students in a learning environment; and serving as liaison with public schools in all matters related to practical experiences of students in teacher education programs.

The Office of Professional Laboratory Experiences receives and evaluates all applicants for student teaching, determines appropriate disposition of the application and provides continuous assessment of the applicant’s pre-teaching and teaching experiences during the professional semester.

This office recognizes that cultural diversity is a fact of American life and teachers function in a pluralistic cultural environment. Experience in multi-cultural settings provides valuable enrichment for the proper development of effective teachers. The Office of Professional Laboratory Experiences will provide assignments in accord with this philosophy.

ADMISSION TO STUDENT TEACHING

Students are advised that 15 credit hours are considered a maximum load during the student teaching semester.

Students of senior standing may enroll in student teaching if they have satisfied the following requirements:

1. Admitted to the teacher education program.
2. Filed an application during the first four weeks of the semester prior to the term in which student teaching is desired.
Any application filed is evaluated and processed for approval or disapproval. This appraisal will specifically examine:

a. A valid medical examination, including a current tuberculosis test. Any significant deviation from normal physical and psychological well-being will be referred to a proper examining physician.

b. Behavior that relates to the moral, ethical, social, and personal standards of professional competency. The student’s conduct will be subject to review and appraisal by the department responsible for the student teaching recommendation and the College of Education.

c. Each student applying must file a completed curriculum contract with the Dean, College of Education, prior to final approval for student teaching.

3. Completed a minimum of 12 semester hours of on-campus residence at Eastern prior to admission to student teaching.

4. Completed all prerequisites in professional education and pre-student teaching curricula in the applicant’s area as prescribed by this Catalog.

5. Recommended by the student’s advisor and approved by the department chair.

6. Standing of at least 2.5 grade point average based on hours attempted on the official Eastern transcript in the student’s major/minor and overall program.

7. Standing of at least a 2.5 grade point average in the overall, methods courses, and in areas of academic emphasis with a grade no lower than “C” in methods courses, support courses, and courses in the areas of academic emphasis in the K-4 and 5-8 programs.

8. Standing of at least 2.5 grade point average in professional education: EDF 202, 317, EPY 318, 412, and SED 400.

9. A grade of “C” or above in EDF 202, EDF 300, EDF 317, EPY 318, EPY 412, SED 400, and ESE 498.

10. A grade of “C” or above in all methods courses.

11. A grade of “C” or above in required special education courses for special education majors and SED 438.

**DEGREE REQUIREMENTS**

General University requirements described on page 23 in Part Three of this Catalog, as well as specific course requirements set forth in the description of curricula, must be met by students completing baccalaureate programs administered by the College of Education.

Students completing programs in the College of Education are eligible for the Bachelor of Science degree. General graduation requirements from the College of Education are as follows:

1. Submission of an application for graduation in the Office of the Dean of the College of Education. December graduates must make application during the preceding April; May and August graduates must make application during the preceding October.

2. Completion of a minimum of 128 semester hours, 43 of which must be in upper division courses (300, 400, and 500 levels). A candidate for a degree must have been in residence a minimum of 36 weeks and must have earned a minimum of 32 hours while in residence. Thirty of the last 36 hours must be earned at Eastern.

3. Completion of all course work on the student’s planned curriculum.

4. Attainment of a minimum cumulative grade point average of 2.0 or higher. (Students in teaching curricula are reminded that a 2.5 grade point average is currently required in major(s), minor(s), and overall. Also required is successful completion of EDF 102-300, a grade of “C” or above in EDF 202, EDF 317, EPY 318, ESE 498, all methods courses, and required special education courses for special education majors.)

5. Satisfactory completion of competency examinations and the National Teacher Examination (NTE).

Secondary education majors (other than special education) will follow the prescribed curriculum and requirements of another academic college, as well as the policies for teacher education stated elsewhere in this Catalog. These students take certain professional education course work in the College of Education, as well as in their academic college. The College of Education cooperates closely with the other colleges in matters pertaining to the secondary major’s admission to teacher education, as well as approval for, assignment to, and supervision of student teaching. While specific requirements for each degree are found in the appropriate department presentation, the Academic Orientation course, EDO 100, is common to all programs.

**EDO—Education Orientation**

100 Academic Orientation. (1-2) Designed to orient the student to university academic life and afford background for career choice and preparation. Included are University regulations and calendar, catalog details, registration and preregistration, various career opportunities, and program requirements. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

**GRADUATE COURSE CREDIT**

All 700 level courses have undergraduate counterparts bearing the same last two digits. The 700 level courses are offered only for graduate level credit and require additional appropriate experiences for all students enrolled. Students who have previously taken the undergraduate counterpart of these courses at the 500 level will not be permitted to enroll for graduate level credit in the 700 level counterpart.

**Model Laboratory School**


Model Laboratory School is operated as a department in the College of Education to fulfill several basic purposes: (1) to provide quality and innovative education for its students, N-12; (2) to provide pre-service education for prospective teachers in the College; (3) to serve as an experimental testing ground for curriculum development and dissemination; (4) to provide a setting for research; and (5) to provide in-service education for area school systems.

Organized into three sections (early childhood elementary, middle school, high school), the school serves approximately 725 students and employs a full-time staff of 41 faculty. Model is located on the campus of Eastern Kentucky University in the Donovan Building which was first occupied in 1961.
The Department of Administration, Counseling, and Educational Studies offers graduate degrees in the areas of educational administration and counseling. It also offers graduate non-degree certification and Sixth Year Rank I programs in these areas. The area of educational studies provides undergraduate and graduate courses in the foundations of education to all degree programs. The area of counseling also provides undergraduate and graduate courses needed in other departments of the College of Education and other colleges of the University.

EDUCATIONAL ADMINISTRATION
P. Lawrence, Program Coordinator

Educational administration offers a graduate program of specialization for those students who wish to become school superintendents, supervisors of instruction, early elementary school principals, middle grade school principals, secondary school principals, and school business administrators. The Specialist in Educational degree in educational administration and supervision is also available. For additional information regarding these programs contact the department chair or consult the Graduate Catalog.

Course Descriptions

EAD—Educational Administration

568 Administration and Organization of Physical Education. (2) I, II. Policies and procedures of administration on the elementary and secondary school level. Emphasis on construction and care of facilities, equipment and supervision of personnel.

GRADUATE COURSES

768 Administration and Organization of Physical Education. (2) I, II.
800 Introduction to Educational Administration. (3) I, II.
801 School Personnel Administration. (3) A.
802 School Buildings and Grounds. (3) I.
803 School Finance. (3) II.
804 The Middle School Principal. (3) II.
805 School Law. (3) I, II.
806 The Elementary School Principal. (3) I.
807 Educational Administration and Supervision. (1-3) A.
808 Administration and Supervision of Early Childhood Education Centers. (3) A.
809 The Secondary School Principal. (3) II.
811 Supervision of Instruction. (3) I, II.
821 Practicum in Administration and Supervision. (3) A.
824 Seminar in Administration and Supervision. (3) I.
825 The Role of the Supervisor in Physical Education. (3) A.
840 The Superintendency. (3) II.
888 Advanced Seminar in Administration and Supervision. (3) II.
891 Issues and Trends in Educational Administration and Supervision. (3) A.
897 Independent Study. (1-3) A.
898 Project Development. (3) A.
899 Specialist Project. (3) A.

EDUCATIONAL STUDIES
R. Grise, Program Coordinator

Educational studies provides instruction in those professional subjects considered basic to the teacher education student's preparation regardless of the teaching specialty or intended level of school practice. Instruction is offered in a number of related foundational disciplines including human development, educational sociology, educational philosophy, history of education, comparative education, and multi-cultural education.

Course Descriptions

EDF—Educational Studies

102 Professional Laboratory. (1) I, II. Assessment of fitness for teaching through laboratory experiences with children in the classroom, seminars with college staff and classroom teachers, and screening tests. Required of students who enter the teacher education program. Grading is pass-fail.
200 The American Educational System. (2) A. Scope, nature and purpose of education in the United States and how schools are organized, financed, and conducted. Deals with basic questions which relate to pertinent educational issues.
202 Professional Orientation. (3) I, II. Prerequisite: sophomore standing. Acquaints students with the role of public education and nature of the teaching profession. Laboratory experiences required. Personal fitness for teaching examined. Application made for admission to teacher education program.
300 Orientation to Teacher Education. (1) I, II. Required of students who have had an introductory education course prior to transferring to Eastern. Includes screening tests, application for admission to the teacher education program, orientation, and fitness for teaching. Grading is pass-fail.
317 Human Development and Learning. (3) I, II. Prerequisite: biological or physical science course. Study of psychological, biological and environmental bases of behavior. Laboratory experiences required.
507 Problems in Educational Foundations. (1-3) A. Prerequisite: advisor/departmental approval. Independent study under the direction of an instructor on a special topic in educational foundations. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.
526 Applying Research to Classroom Problems. (2) A. Study and interpretation of recent research for dealing with classroom situations and problems. Class encouraged to focus on situations and problems directly related to their own teaching.

GRADUATE COURSES

707 Problems in Educational Foundations. (1-3) A.
726 Applying Research to Classroom Problems. (2) A.
807 Educational Studies. (1-3) A.
832 History of Education in the United States. (3) A.
835 Critical Thinking in the Education Process. (3) A.
836 Philosophy of Education. (3) I, II.
837 Comparative Education. (3) I.
839 Human Development and Learning. (3) A.
850 Educational Sociology. (3) II.
855 Foundations of Multi-cultural Education. (3) II.
869 Research in Education. (3) I, II.
895 Advanced Research Methodology. (3) I.

EDUCATIONAL PSYCHOLOGY AND COUNSELING
T. Beardsley, Program Coordinator

Educational psychology and counseling offers graduate programs with specializations for those students who wish to become school counselors, counselors in community and industrial settings, or student personnel workers in higher education. The following programs are offered:
Course Descriptions

EPY—Educational Psychology

318 Learning Theories Applied to Teaching. (3) I, II. Examination of theories of learning and implications for adaptation in the school setting. Emphasis on the practical aspects of theories of learning through utilization of a variety of techniques and procedures. Laboratory experiences required.

320 Educational Psychology. (3) A. Prerequisite: one course in psychology or instructor approval. Theories and processes of learning, maturation, individual differences, personality, and statistical procedures.

412 Measurement and Evaluation in the Schools. (2) I, II. Principles and procedures in evaluating pupil growth in skills, attitudes, aptitudes, and understandings. Experience in test construction, analysis, item analysis, and marking systems. Credit will not be awarded to students who have credit for EPY 516 or PSY 302.

504 Psychology of Individual Differences. (3) A. Prerequisite: undergraduate psychology course or instructor approval. Study and application of the facts of human variability, including differences in such areas as age, sex, race, intelligence, and achievement.

507 Problems in Educational Psychology and Guidance. (1-3) A. Prerequisite: advisor/instructor approval. Independent investigation of a research problem or directed readings in a selected area or study chosen in consultation with the instructor. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

555 Vocational Development and Adjustment. (3) A. Comprehensive coverage of the application of psychological principles to personnel selection, training, placement, and evaluation; motivation, interaction, and morale; and effective human relations in business, industry, and community agencies.

GRADUATE COURSES

704 Psychology of Individual Differences. (3) A.
707 Problems in Educational Psychology and Guidance. (1-3) A.
755 Vocational Development and Adjustment. (3) A.
816 Tests and Measurements. (3) I, II.
826 Individual Appraisal of Intelligence I. (3) I.
827 Individual Appraisal of Intelligence II. (3) II.
842 Statistical Methods I. (3) I, II.
843 Statistical Methods II. (3) A.
852 Advanced Educational Psychology. (3) A.
854 Mental Health and Personal Adjustment. (3) I, II.
856 Practicum in Psychometry. (3) A.
898 Project Development. (3) A.
899 Specialist Project. (3) A.

EPC—Counseling

513 Introduction to Counseling. (3) I, II. Sociological, psychological, philosophical and educational foundations of pupil personnel services; history and growth of the guidance movement; function, scope and organization of guidance.

540 Counseling Theory and Practice. (3) I, II. Prerequisite: EPC 513 or instructor approval. Major theories of counseling. Attention is given to personality structure and individual behavior from which these are derived.
Arts/Humanities: To complete an area of emphasis in Arts/ Humanities, the student must complete one of the following tracks:

General Track: HUM 124, ART 200**, MUS 171**, THE 100; ENG 350 or 351; PHI 110 or 130; MUS 360, FCC 220, 222, 224, 225, 226, ART, or THE.

Visual Arts Track: ART 100, 101, 102, 200**; six hours from ART 202, 203, 207, 239, or 330. ART 100 can be used as a restricted elective.

Music Track: MUS 171**, 272, 360: Performance Component: four to nine hours from applied music and/or ensembles, three to eight hours from MUS 181, 182, 371, 372. Students with basic knowledge of the fundamentals of music may select an alternate for MUS 360 with advisor approval. MUS 272 can be used as a restricted elective.

Humanities Track: HUM 124, 226**, 228**, MUS 272; ART 390 or 391; PHI 100 or 110; ENG 350, 351, FCC 220, 222, 224, 225, 226. HUM 300, PHE 200, or REL 301.

English/Communications: ENG 101** and 102* (or 105*); ENG 510, 520, or EME 551; SPE 100; ENG 350, 351, or 359; six hours from ENG 301, 405, or 410.

Foreign Language: Courses from the academic emphasis must be selected from one of the following options:

French: FRE 101, 102, 201, 211, 212, 350; FCC 220, FRE 340 or 360. Students entering the program with mastery of the equivalent of FRE 101, 102, and/or 201 should take additional hours from other courses listed above. FRE 204 should be taken as the entry level course by students having mastery of the content of FRE 101, 102, and 201.

German: GER 101, 102, 201, 202, 240, 340; FCC 222, GER 360, 405, or 440. Students entering the program with mastery of the content of GER 101, 102 and/or 201 should take additional hours from other courses listed above. GER 204 should be taken as the entry level course by students having mastery of the content of GER 101, 102, and 201.

Russian: RUS 101, 102, 201, 202, 206; and six hours from FCC 224, RUS 305, or 306.

Spanish: SPA 101, 102, 201, 202, 206; six hours from FCC 225 or 226, SPA 340, 360, or 505. Students having mastery of the equivalent of SPA 101, 102, and/or 201 should take additional hours from other courses listed above. Two of the two foreign language courses at the 100 and 200 level can be used to fill Gen. Ed. 03 and 04.

Mathematics: CSC 104**, 175, MAT 106, 107**, 203, 303, and STA 270.

Science: A minimum of three hours of life science selected from BIO 100 or NAT 101; BIO 131, 141, NAT 363, BIO 317, 301, 300. A minimum of three hours of physical science selected from PHY 101 or NAT 171, ST 130 or 135, NAT 172 or 173, GLY 107 or 108, CHE 101, 102, GEO 215, GLY 104, 109, 208, 302, 390, PHY 131, 132, SCI 310.

As part of the 21 hour science emphasis, students must take one biological and one physical science laboratory course. Remaining hours are to be selected from courses listed. Courses taken to fulfill Gen. Ed. 13 and 14 can be applied to academic emphasis.

Social and Behavioral Sciences: ECO 130; GEO 101 or 345; GSS 246**, 247**; HIS 516 or POL 332; SOC 245 or CDF 132; one course selected from ANT 330, GSS 300, HIS 305, 383, 405, POL 316, or SOC 360.

Supporting Course Requirements...................9 hours
LIB 301, MAT 201, and 202.

Teacher Education Requirements..................27 hours
EDF 102, 202, 317, EPY 318, 412, SED 400, and ELE 499.

General Education Requirements...................40 hours
Standard General Education program, excluding courses identified in each area of emphasis. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements.........................9 hours
EDO 100; eight hours of restricted electives.

Total Curriculum Requirements...................134 hours

**Courses meet general education requirement.

+Students whose secondary education included material equivalent to CSC 104 and/or MAT 107 may select alternate courses from the following with advisor approval: MAT 121, 211, 261, CSC 180, STA 271.

Course Descriptions

ELE—Early Elementary

107 Elementary Education: (1-3) A. Prerequisite: advisor departmental approval. Special topics, special workshops, or seminars. May be retaken under different subtitles to a maximum of nine hours.

322 Physical Education in the Elementary School. (2) I, II. Not open to physical education majors. Movement education in the elementary school curriculum with focus on the classroom teacher's role in supporting and supplementing the elementary school physical education program.

349 Cooperative Education. (1-8) A. Elective credit offered through work experiences for students seeking teaching certification. Minimum of 80 work hours required for one credit hour. Maximum hours to be earned: six in summer, eight during semester; sixteen in bachelor's program.

361 Art in the Early Elementary Grades. (3) I, II. Fundamental concepts of an education. Exploration of art materials, processes, and activities for children in the early elementary grades including those with special needs.

362 Music Education for the Classroom Teacher. (3) I, II. Prerequisite: knowledge of music fundamentals or MUS 360. Study and appraisal of teaching techniques, music literature, learning activities, curricular plans, and materials essential to the sequential development of musical learning in the elementary school.

365 Health Education in the Elementary School. (2) I, II. A study of curriculum design, teaching learning strategies, resources, and evaluation procedures in elementary school health education. Topics include drugs, mental health, family living, nutrition/exercise/rest, consumerism, environmental health, disease, dental health, and careers.

445 Foundations of Reading Language Arts. (3) I, II. Cross listed as EME 445. Prerequisites: junior standing and GPA of 2.5. An overview of reading language arts components K-8, teacher competencies, organization and planning for instruction. Twenty hours field clinical experiences. Credit will not be awarded to students who have credit for EME 445.

446 Reading and Language Arts K-4. (3) I, II. Prerequisites: minimal grade of "C" in ELE 445 and admission to teacher education. Emphasis on theory, curriculum, teaching techniques, and materials, instructional planning, assessment and use of results. Twenty hours field clinical experiences.

450 Classroom Management. (3) I, II. Prerequisite: admission to teacher education. Critical examination of effective classroom management in grades K-4. Emphasis on theories, strategies, societal implications, and legal ramifications through study, discussion, observation, and participation. Twenty hours of field clinical experiences.

491 Mathematics in the Early Elementary Grades. (3) I, II. Prerequisites: admission to teacher education and minimal grade of "C" in MAT 202. Methods and materials of teaching K-4 mathematics; emphasis on discovering and developing fundamental concepts as a foundation for problem solving. Twenty hours of field clinical experiences.

492 Science in the Early Elementary Grades. (3) I, II. Prerequisite: admission to teacher education. Modern materials and methods from kindergarten through grade four. Five discussion-laboratory hours per week. Twenty hours field clinical experiences.

493 Social Studies in Early Elementary Grades. (3) I, II. Prerequisite: admission to teacher education. Theory, content, and practice of teaching social studies in grades K-4. Twenty hours of field clinical experience.

499 Supervised Student Teaching in Kindergarten Through Fourth Grade. (6-12) I, II. Prerequisites: methods courses and area of specialization. Observation, participation, responsible classroom teaching and related professional activities at two non-consecutive levels in the K-4 range.

507 Problems in Elementary Education. (1-3) A. Prerequisite: advisor departmental approval, Independent work, special workshops, special topics, or seminar.

519 Teaching in the Kindergarten. (3) I, II. Focuses upon the kindergarten movement, organization, equipment, curriculum, and procedures, leaders and literature of kindergarten education. Opportunity for observing and participating in kindergarten.

541 Survey of Elementary Curriculum Programs. (3) I, II. For physical education, art, or music majors seeking twelve-grade certification. Explores elementary curriculum, the role of special teachers, problems of individual learners, functions of the entire school-community. Not open to elementary education majors.
Middle Grade Education (Teaching)  
(Grades Five-Eight)  
(Major Bachelor of Science)

**Major Requirements** ................................. 63 hours

- **Middle Grade Core** ................................. 15 hours
  - ENG 390, 445, 447, and six hours from 491, 492, 493, or 494.

- **Options** ........................................... 48 hours
  - Students seeking middle grade, 5-8, certification must select two areas of emphasis from the following list and complete 24 hours in each area: English and Communications, Mathematics, Science, Social Studies.

- **English and Communications** ................. 24 hours
  - ENG 101 and 102 (or 105); 410; 350 or 351; LIB 501, SPE 100, and six hours selected from ENG 301, 405, 510, 520, or EME 551.

- **Mathematics** ...................................... 24 hours
  - CSC 175, MAT 106, 107, 201, 202, 203, 303, and STA 270. (Students are advised to take CSC 104 as a Symbolics option prior to enrolling in CSC 175 unless they already possess skills comparable to those acquired in CSC 104. Students whose secondary education included a course equivalent to MAT 107 may select an alternate course from the following: MAT 121, 211, 261, CSC 180, or STA 271.

- **Science** ............................................. 24 hours
  - Biological Science ............................... 15 hours: one course from BIO 100, 131, 141, or NAT 101; two courses from BIO 131, 141, 211, 300, 301, 378; 302 or 303; 317; or NAT 363. Earth Science, Physics, and Chemistry - 15 hours to include nine hours from one area and three hours from each of the remaining two areas: CHE 101 and 102 or 111 and 112; GLY 107, 108, 109, 208, 302, 304, 390, AST 130, 135, NAT 172 or 173; PHY 101, 131 and 132, 201 and 202, or NAT 171. A laboratory course must be selected from each area. Gen. Ed. 13 and 14 can be filled with one lab course in biology and one lab course in physical science.

- **Social Studies** ................................... 24 hours
  - ECO 120 or 130; GEO 345, GSS 246, 247, HIS 202, 203; POL 100 or 101; three hours selected from ANT 120, 325, SOC 131, or 235.

- **Teacher Education Requirements** ............... 27 hours
  - EDF 102, 202, 317, EPY 318, 412, SED 400, and EME 499.

- **General Education** .............................. 34 hours
  - Standard General Education Program, excluding categories identified in each area of emphasis. Refer to Part Three of this Catalog for details on the General Education and University requirements.

---

**University Requirements** ........................................ 9 hours
- EDO 100; eight hours restricted electives.

**Total Curriculum Requirements** ........................................ 133 hours

---

**Course Descriptions**

**EMG—Early Elementary and Middle Grade**


- 510 Art in the Curriculum. (3) A. Formerly ELE 510. Elements of the discipline, creativity, aesthetics, theory, philosophy, and instructional facilities. Individual explorations into theory and media.

- 522 Creative Experiences in Education. (3) A. Formerly ELE 522. Designed for prospective and in-service teachers with focus upon the nature of creativity, development of skills used in creative expressions, activities which promote creativity in children and teachers.

---

**Graduate Courses**

- 445 Foundations of Reading Language Arts. (3) I, II. Cross listed as ELE 445. Prerequisite: EMG 390. An overview of reading language arts components K-8. Teacher competencies, organization and planning for instruction. Twenty hours of field clinical experiences. Credit will not be awarded to students who have credit for ELE 445.

- 489 Mathematics in the Middle Grades. (3) I, II. Prerequisites: minimal grade of “C” in EMG 445 and admission to teacher education. Emphasis on the processes and their application to communicating and teaching fundamental concepts as a foundation for problem solving, use of modern instructional media in planning and demonstrating math instruction. Twenty hours of field clinical experiences. 

---

**EDUCATION**
492 Science in the Middle Grades. (3) I, II. Prerequisites: science emphasis, EMG 390, and admission to teacher education. Study of materials and methods for teaching science in grades five through eight. Twenty hours of field clinical experience.

493 Social Studies in the Middle Grades. (3) I, II. Prerequisites: social studies emphasis, EPHY 318, EMG 390, and admission to teacher education. Theory, content, and organization and teaching social studies in the middle grades. Twenty hours of field clinical experience.

494 English and Communication in the Middle Grades. (3) I, II. Prerequisites: English communications emphasis, EMG 390, EMG 445, and admission to teacher education. Study of effective techniques and strategies for teaching English and communication skills in the middle grades. Twenty hours of field clinical experience.

499 Supervised Student Teaching in the Middle Grades. (6-12) I, II. Prerequisite: methods courses in areas of specialization. Observation, participation, and responsibility classroom teaching with related professional activities.

507 Problems in Middle Grade Education:——. (1-3) A. Prerequisite: advisor approval. Independent work, workshops, special topics, or seminar. May be taken for a maximum of six hours under different subtitles.

567 Curriculum and Instructional Strategies for Homemaking in the Middle Grades. (3) A. Prerequisite: certification in home economics. Study of curriculum content, instructional materials, and strategies appropriate for home economics instruction in the middle grades.

568 Curriculum and Instructional Strategies for Industrial Education in the Middle Grades. (3) A. Prerequisite: certification in industrial education. Study of curriculum content, instructional materials, and strategies appropriate for industrial arts education instruction in the middle grades.

**GRADUATE COURSES**

707 Problems in Middle Grade Education:——. (1-3) A.

767 Curriculum and Instructional Strategies for Home Economics in the Middle Grades. (3) A.

768 Curriculum and Instructional Strategies for Industrial Education in the Middle Grades. (3) A.

806 Reading Instruction in the Middle School. (3) A.

807 Middle Grade Education:——. (1-3) A.

810 Curriculum in the Middle School. (3) A.

897 Independent Study. (1-3) A.

**EMS—Early Elementary, Middle Grade, and Secondary Education**

575 Methods and Materials for Teaching English as a Second Language. (3) A. Formerly EL-EMG ESE 575. The study of effective methods of teaching English as a Second Language (TESL). Thirty hours of field experiences are required.

**GRADUATE COURSES**

775 Methods and Materials for Teaching English as a Second Language. (3) A.

811 Humanistic Teaching—Strategies and Behaviors. (3) A.

816 Effective Instructional Models and Practices. (3) A.

842 Discipline and Classroom Management. (3) A.

855 Gifted and Talented Youth. (3) A.

856 Curriculum in Gifted/Talented Education. (3) A.

857 Seminar: Gifted/Talented Education. (3) A.

858 Practicum in Gifted/Talented Education. (3) A.

868 Techniques and Materials for Remedial Reading. (3) A.

875 Diagnosis of Reading Problems. (3) A.

**LIBRARY SCIENCE**

**Course Descriptions**

**LIB—Library Science**

301 Children’s Literature and Related Materials. (3) I, II. Prerequisites: ENGL 101 and 102 (or 105). Course survey designed for teachers and media librarians planning to work with children. Emphasis on media to supplement the school curriculum and to encourage recreational reading for ages 1-10.

348 Cooperative Education. (1-8) A. Elective credit offered through work experiences for students seeking teacher certification. Minimum of 80 hours required for one credit hour. Maximum hours to be earned: six in summer; eight during semester; sixteen in bachelor’s program.

499 School Media Practicum. (4) A. Gives the trainee practical experience in many phases of school media service including circulation routines, teaching children the use of reference materials, and assisting in cataloging new books and materials. Reading guidance, story telling, and organization of unit materials are stressed.

501 Literature and Related Materials for Transcients. (3) A. A course designed to help teachers and librarians extend their knowledge of authors, literature, and related materials for students 10-14 years of age. Relating of literature to the interests and needs of transients and literary criticism are emphasized.

569 Instructional Media and Technology. (3) I, II. A course designed to instruct students in the philosophy and techniques of the effective utilization of instructional media and technology.

**GRADUATE COURSES**

701 Literature and Related Materials for Transcients. (3) A.

769 Instructional Media and Technology. (3) I, II.

800 Organization and Administration of the School Media Center. (3) A.

801 School Library Practicum. (3) A.

802 Literature and Related Materials for Young Adults. (3) A.

805 Advanced Children’s Literature. (3) A.

807 Library Science:——. (1-3) A.

821 Reference and Bibliographic Services. (3) A.

831 Classification and Cataloging. (3) A.

863 Computer Use and Media Preparation in Library Media Programs. (3) A.

**SECONDARY AND HIGHER EDUCATION (TEACHING)**

D. Kirkpatrick, Program Coordinator

Professional education counseling, professional education courses, and supervision of student teaching are services provided for graduate students preparing to be secondary school teachers. Graduate level offerings are provided for students seeking advanced professional preparation in secondary education.

**Course Descriptions**

**ESE—Secondary Education**

307 Clinical Experiences for Teachers. (1-3) A. Prerequisite: departmental approval. Provides clinical experiences such as observations, participation, and tutoring for prospective teachers in locations such as the learning lab. May be retaken to a maximum of six hours.

349 Cooperative Education. (1-8) A. Elective credit offered through work experiences for students seeking teacher certification. Minimum of 80 hours required for one credit hour. Maximum hours to be earned: six in summer; eight during semester; sixteen in bachelor’s program.

366 Methods of Teaching Home Economics. (4) II. Prerequisites: EDF 202 and EDF 371. Philosophy of home economics education; methods of teaching in-school and out-of-school groups; selection, development, and use of instructional materials.


379 Music Education: Principles and Practices II. (3) II. Prerequisite: ESE 378. Emphasis on understanding and planning a developmental sequence to assure musical growth of 7-12 grade pupils.

440 Teaching Art in the Secondary School. (3) II. Prerequisite: senior standing in art education. Emphasis on understanding and planning a developmental sequence to assure musical growth of 7-12 grade pupils.

441 Teaching of Biology in the Secondary School. (3) II. Emphasis on understanding and planning a developmental sequence to assure musical growth of 7-12 grade pupils.

443 Teaching of the Language Arts in the Secondary School. (3) II. Prerequisite: major or minor in English, French, German, Spanish, or speech. Study of effective instructional methods in language arts; emphasis on planning, programming, process analysis, and evaluation.

449 Teaching of Social Studies in the Secondary School. (3) II. Prerequisite: major or minor in English, French, German, Spanish, or speech. Study of effective instructional methods in language arts; emphasis on planning, programming, process analysis, and evaluation.

450 Teaching of Mathematics in the Secondary School. (3) II. Prerequisite: 18 hours college mathematics or departmental approval. Historical background of the mathematics curriculum; modern curricular developments in secondary school mathematics. Improvement programs for school mathematics; texts and materials.
451 Teaching of Physical Science in the Secondary School. (3) II. Prerequisite: major or minor in the physical sciences. Review of fundamentals of chemistry and physics. New techniques useful in teaching principles of physical science in the classroom and laboratory.

452 Teaching of Industrial Arts in the Secondary School. (3) II. Function and objectives of industrial arts; the industrial arts curriculum; methods of presentation; planning, scheduling, and organizing the laboratory; instructional materials; evaluation of student achievement.

453 The Home Economics Curriculum. (3) II. Prerequisite: instructor approval. Current trends in home economics programs for secondary school students, out-of-school youth, and adults; curriculum planning, organization and administration of the department; construction and use of evaluation instruments.

457 Instrumental Methods and Materials. (2) I, II. The role, objectives, and methods of instrumental music in public schools.

458 Choral Methods and Materials. (2) I, II. The role, objectives, and methods of choral music in public schools.

466 Teaching of Physical Education in the Secondary School. (3) I, II. The role of physical education in secondary schools; implication for the physical education curriculum, unit and lesson planning, methods and materials of teaching.

467 Teaching of Health Education in the Secondary School. (3) II. Methods, materials, and curriculum design in secondary health education; characteristics and health needs of secondary students.

468 Fundamentals of Secondary Education. (3) I, II. Prerequisites: EDF 202 or 300; EDF 317 or EDP 315. Responsible classroom teaching through experiences in study discussion, and organizing materials.

479 Supervised Student Teaching. (12) I, II. Prerequisite: ESE 498. Observation, participation, and responsible classroom teaching including related professional activities.

500 The School Health Program. (3) A. Organizational patterns necessary for an efficient, well-coordinated health program. Interrelated roles of health services, health instruction, and healthful school living; role of the school health coordinator.

507 Problems in Secondary Education. (1-3) A. Prerequisite: advisor/departmental approval. Independent work topics or seminars.

564 History and Philosophy of Industrial Education. (3) A. History of industrial education from its early beginnings to the present; the contributions of leaders; movements in the development of industrial and vocational education, modern concepts of industrial education.

565 Workshop in Home Economics Education. (1-3) A. Prerequisite: instructor approval. Concentrated work on a current aspect in vocational home economics. May be retaken to a maximum of six hours.

566 Special Problems in Home Economics Education. (1-3) A. Prerequisite: instructor approval. The student chooses a problem and works under the supervision of the instructor.

574 Teaching Reading in the Secondary School. (3) A. Prerequisites: EDF 317 and admission to teacher education program. Emphasis on developmental and content area reading skills, appraisal of reading abilities, appropriate materials, evaluation, and organization of secondary reading programs.

578 Music in Special Education. (3) A. Prerequisite for non-music majors: ELE 362 or instructor approval. Music in education of the handicapped and the gifted. Exploration and development of special teaching techniques and resources.

867 Evaluation in Home Economics Education. (3) A.

868 Research in Home Economics Education. (1-6) A.

871 Special Problems in Industrial Arts Education. (1-6) A.

872 Curriculum Practices and Trends in Industrial Education. (3) I.

873 Seminar in Industrial Arts Education. (3) A.

874 Supervision and Administration in Music Education. (3) A.

875 Trends in Secondary Education. (2) A.

876 Current Trends in Elementary Music. (2) A.

877 Practicum in Remedial Reading. (3) A.

878 Principles of Music Education. (3) I.

879 Foundations of Music Education. (3) II.

880 Problems in Music Education. (1-3) I, II.

881 Workshop in Music Education. (1-4) SUMMER ONLY.

882 Curriculum Development in Music Education. (3) A.

884 Organization and Administration of Instrumental Music. (2) A.

885 Project Development. (3) A.

899 Specialist Project. (3) A.

EHE—Higher Education

807 Problems in Higher Education. (1-3) A.

890 Organization and Supervision of Student Teaching. (3) A.

DEPARTMENT OF SPECIAL EDUCATION

G. Carr, Acting Chair; Bolling, Daphus, Dilka, Eldot, Harris, Hayes, Janssen, Leung, Mahanna-Boden, Meckler, Nelson, Sultana.

The Department of Special Education prepares special educators, speech-language pathologists, and other personnel who work in a variety of related settings. Programs are offered leading to Bachelor of Science and Master of Arts in Education degrees in special education with emphasis in early childhood (SEEC), hearing impaired (HI), learning and behavior disorders (LBD), and trainable mentally handicapped (TMH) and in communication disorders (speech-language-pathology). The Specialist in Education degree is offered in special education. Teaching and non-teaching options are available in HI, LBD, and TMH. Non-teaching options are available in communication disorders and SEEC. A two-year Associate of Arts degree is offered in interpreting for the deaf, which allows the graduate to pursue national certification. A non-degree option is also available in this program.

The B.S. in special education entitles the graduate to be eligible to apply for a provisional teaching certificate K-12 in the areas of HI, LBD, AND TMH and a provisional teaching certificate for the elementary classroom (grades K-4 or 5-8). Students majoring in communication disorders are eligible for a provisional teaching certificate K-12 in speech and communication disorders with completion of the masters degree.

Fifth and sixth year programs are offered which lead to Rank II and I certification. Based on K-4 or 5-8 certification, graduate students can obtain K-12 certification. Based on a high school teaching certificate, graduate students can obtain an endorsement for 7-12 in learning and behavior disorders or in hearing impaired. Director of special education is offered in a sixth year program.

In addition, the graduate program in communication disorders prepares the student for eligibility to receive state licensure and national certification in speech-language pathology.

LEARNING AND BEHAVIOR DISORDERS AND TRAINABLE MENTALLY HANDICAPPED

K. Janssen, Program Coordinator
Special Education
MAJOR, SPECIALIZATION IN LEARNING AND BEHAVIOR DISORDERS (K-12) WITH EARLY ELEMENTARY CERTIFICATION (K-4) (BACHELOR OF SCIENCE)

Special Education Requirements ...........................................30 hours
SED 104, 260, 341, 351, 356, 375, 388, 434, 438, and 518.
Elementary Education (K-4) Requirements ..........................18 hours
  ELE 445, 446, 490, 491, 492, and 493.
Supporting Course Requirements .........................................19 hours
  ELE 322, 361, 362, 365, LIB 301, MAT 201, and 202.
Teacher Education Requirements .........................................22 hours
  EDF 102, 202, 317, EPY 318, ELE 499, and SED 499.
General Education Requirements .........................................40 hours
  Standard General Education program, excluding course categories 03 and 04. Refer to Part Three of this Catalog for details on the General Education and University requirements.
University Requirements ....................................................9 hours
  EDO 100; eight hours restricted electives.
Total Curriculum Requirements ...........................................136 hours

Special Education
MAJOR, SPECIALIZATION IN TRAINABLE MENTALLY HANDICAPPED (K-12) WITH MIDDLE GRADES CERTIFICATION (5-8) (BACHELOR OF SCIENCE)

See advisor early in the program

Special Education Requirements .........................................30 hours
Middle Grades (5-8) Requirements ......................................24-36 hours
  EMG 390, 445, and 447; three hours from EMG 491, 492, or 493.
  Teaching Field/Area of Emphasis
  24 hours in an area of emphasis chosen from: English and communications, mathematics, science, or social studies.
  (Up to 12 hours in General Education requirements may apply toward the teaching field.)
Supporting Course Requirements .........................................9 hours
  Art or Music (see advisor); MAT 201 and 202.
Teacher Education Requirements .........................................22 hours
  EDF 102, 202, 317, EPY 318, ELE 499, and SED 499.
General Education Requirements .........................................40 hours
  Standard General Education program, excluding course categories 03 and 04. Refer to Part Three of this Catalog for details on the General Education and University requirements.
University Requirements ....................................................9 hours
  EDO 100; eight hours restricted electives.
Total Curriculum Requirements ...........................................134-146 hours

Special Education
(Non-Teaching)
MAJOR (BACHELOR OF SCIENCE)

Major Requirements .......................................................36-39 hours
  SED 104, 260, 341, 356, 375 (nine hours over a minimum of two semesters), 388, 438, and 518.
  For an emphasis in HI: SED 337 and 380.
  For an emphasis in LBD: SED 351 and 434.
  For an emphasis in SEE: SED 101 or 240, 352, and 436.
  For an emphasis in TMH: SED 353 and 435.
Supporting Course Requirements .........................................12-13 hours
  HI, LBD, and TMH emphasis
  EDF 317 and EPY 318; six hours from the following: REC 311, 511, PHE 562***, or ESE 578.
  SEEC emphasis
  EDF 102, 202, ELE 519, NSC 500, and OTS 515.
Minor Requirements .........................................................18 hours
  LBD, TMH, and HI emphasis**
  SEEIC emphasis
  Child and Family Studies Minor
  CDF 132, 241, 244, 245, 247, and 344.

Teacher Education Requirements .........................................22 hours
  EDF 102, 202, 317, EPY 318, ELE 499, and SED 499.
General Education Requirements .........................................40 hours
  Standard General Education program, excluding course categories 03 and 04. Refer to Part Three of this Catalog for details on the General Education and University requirements.
University Requirements ....................................................9 hours
  EDO 100; eight hours of restricted electives.
Total Curriculum Requirements ...........................................138 hours
MINOR IN SPECIAL EDUCATION
Planned 18 semester hours under special education advisement. The planned program will be consistent with student's professional objectives. Prerequisites must be honored. Candidates should contact the department for specific requirements of the minor.

COMMUNICATION DISORDERS AND HEARING IMPAIRED PROGRAMS
J. Bolling, Program Coordinator

Special Education
MAJOR, SPECIALIZATION IN HEARING IMPAIRED (K-12) WITH EARLY ELEMENTARY CERTIFICATION (K-4) (BACHELOR OF SCIENCE)

Special Education Requirements ........................................... 39 hours
Elementary Education (K-4) Requirements ............................... 18 hours
ELE 445, 446, 490, 491, 492, and 493.
Supporting Course Requirements ........................................ 19 hours
ELE 322, 361, 362, 365, LIB 301, MAT 201, and 202.
Teacher Education Requirements ........................................ 22 hours
EDF 102, 202, 317, EPY 318, ELE 499, and SED 499.
General Education Requirements ........................................ 40 hours
Standard General Education program, excluding course categories 03 and 04. Refer to Part Three of this Catalog for details on the General Education and University requirements.
University Requirements .................................................... 9 hours
EDO 100; eight hours restricted electives.
Total Curriculum Requirements ........................................ 147 hours

Special Education
MAJOR, SPECIALIZATION IN HEARING IMPAIRED (K-12) WITH MIDDLE GRADES CERTIFICATION (5-8) (BACHELOR OF SCIENCE)

See advisor early in the program

Special Education Requirements ........................................... 39 hours
Middle Grade Requirements (5-8) .................................. 24-36 hours
EMG 390, 445, and 447; three hours from EMG 491, 492, or 493.
Teaching Field/Area of Emphasis
24 hours in an area of emphasis chosen from: English and communications, mathematics, science, or social studies.

(Up to 12 hours in General Education requirements may apply toward the teaching field.)

Supporting Course Requirements ..................................... 9 hours
Art or Music (see advisor): MAT 201 and 202.
Teacher Education Requirements ..................................... 22 hours
EDF 102, 202, 317, EPY 318, ELE 499, and SED 499.
General Education Requirements ................................. 40 hours
Standard General Education program, excluding course categories 03 and 04. Refer to Part Three of this Catalog for details on the General Education and University requirements.
University Requirements .................................................... 9 hours
EDO 100; eight hours restricted electives.
Total Curriculum Requirements ........................................ 143-155 hours

INTERPRETING FOR DEAF INDIVIDUALS
Programs
Criteria for Admission
Criteria for admission to the A.A. degree or the certificate of completion for interpreting for deaf individuals, children, and youth:
1. Satisfactory performance on reading and language usage tests.
2. Demonstration of effective aural/oral communication skills.

Special Education with Emphasis in Interpreting for Deaf Individuals
ASSOCIATE OF ARTS

Major Requirements ...................................................... 42 hours
SED 115, 120, 125, 201, 202, 225, 230, 240, 265, 270, 290, and 375 (nine hours over two semesters).
Supporting Course Requirements .................................. 27 hours
EDO 100, SED 338, SOC 310, ANT 120*, six hours of English composition*, seven additional hours from general education humanities* and general education natural science*, and four hours restricted electives.
Total Curriculum Requirements ........................................ 69 hours
Course Descriptions

SED — Special Education

090 Speech-Language Laboratory. (3) I, II. Clinical approach to communication problems. Instruction in proper use of speech mechanism. Individualized remediation of articulation, fluency, language, and/or voice problems. Concurrent enrolment in Speech-Language-Hearing Clinic may be required. Institutional credit; cannot be used toward graduation.

101 American Sign Language I. (3) I, II. Communication with deaf individuals who sign. Includes development of expressive and receptive sign skills, manual alphabet, numbers, sign vocabulary, and an overview of syntax, grammar and culture of ASL.

102 American Sign Language II. (3) I, II. Formerly SED 339. Prerequisite: SED 101 or instructor approval. A second level course in the visual language of ASL. An overview of linguistic and sociolinguistic information regarding ASL while advancing communication skills in the language and cultural awareness of the deaf community.

104 Special Education Introduction. (3) I, II, A. Formerly SED 105. Overview of the psychological, sociological, and cultural impacts of deafness upon children and adults. Explores how deafness can affect the individual’s development in language, communication, cognition, and psychological-social-emotional growth. Examines historical relations between deaf and hearing, and compares deaf culture with that of the hearing world.

120 Fingerspelling. (3) I, II. This course is designed to supplement American Sign Language SED 101 and SED 102. The course will focus on aspects of receptive and expressive fingerspelling and numbers in ASL.


126 American Sign Language III. (3) I. Formerly SED 260. Prerequisites: SED 101 and 102; or instructor approval. Emphasis is placed on practical application of ASL signing skills, development of cross-cultural communication abilities and vocabulary expansion. Linguistic information is reviewed and additional linguistic materials are introduced.

202 American Sign Language IV. (3) I, II. Formerly SED 281. Prerequisites: SED 101, 102, and 201; or instructor approval. Continued expansion of sign vocabulary, sharpening of conversational skills including fingerspelling and numbers, semantics, morphology syntax and other ASL features and applied to conversational settings.

225 Special Education. (3) I, II. Formerly SED 282. Prerequisites: SED 125 and 201. Introduction to expressive interpreting across educational and community settings. Emphasis on educational ethics and elementary through university interpreting as compared with community interpreting.

230 Sign to Voice: Theory. (3) I, II. Formerly SED 284. Prerequisites: SED 125 and 201; or instructor approval. Terminology, procedures, and ethical/professional considerations relevant to sign-to-voice interpreting. Code of ethics, structuring of interpreting environment, communication modes, education and evaluation of interpreters and translators.

240 Communication Skills for the Hearing Impaired. (3) I, II, I.A. Basic principles of manual communication and fingerspelling. Builds an expressive and receptive vocabulary of at least 1,000 signs to enable communication with individuals who use total communication. 3 Lecture.


270 Sign-to-Voice: Interpreting. (3) I, II. Prerequisite: SED 230 or instructor approval. Training and practice in sign-to-voice interpreting in educational and community settings. Register and text analysis of ASL including sequencing, paraphrasing, and vocal production.

271 Characteristics of Learning and Behavior Problems. (3) I, II. Prerequisite: SED 104 or instructor approval. Handicapping conditions due to physical, sensory, motor, intellectual, or emotional problems. Characteristics of educable mentally retarded, learning disabilities, emotional disturbance (behavior disordered), physically handicapped. Utilization of prosthetic devices.

272 The Trainable and Severely Mentally Handicapped. (3) I, II. Prerequisite: SED 104 or instructor approval. Emphasis on moderate, severe, and profound retardation. Characteristics of moderate and severe retardation; theories of intelligence; adaptive behavior; etiology, history, residential programs; educational, social, psychological implications.

273 Pre-practicum in Speech Pathology I. (1) I. Techniques of observation, report-writing, and supervised clinical observation of therapeutic or diagnostic services with communication-disordered individuals. Students must complete at least 12 clock hours by end of this semester.

274 Pre-practicum in Speech Pathology II. (1) I. Prerequisite: SED 273 or instructor approval. Continuation of supervised clinical observation and reporting of therapeutic or diagnostic services with communication-disordered individuals. Students must accumulate 36 clock hours by end of the fall semester.

275 Communication Disorders: A Survey. (3) I. Introduction to the nature and causes of speech, language, and hearing disorders. An overview of the field of communication disorders.

285 Anatomy and Physiology of Speech and Hearing Mechanism. (3) I. Prerequisites: SED 275 and BIO 171; or instructor approval. Introduction to the anatomical and physiological bases of hearing, respiration, phonation, resonance, and articulation.

290 Sign-to-Voice Transliterating. (3) A. Prerequisite: SED 270 or instructor approval. Training and study in sign-to-voice transliterating in educational and community situations. Voice in consecutive and simultaneous modes; analysis of signed English systems.

317 Education of the Hearing Impaired. (3) I. Prerequisite: SED 104 or instructor approval. Study of personality, intellectual, and emotional development of the hearing impaired. Emphasis on social maturity, motor functioning, multiple handicaps and the significant history of educational programs at all levels.

326 Instruction in Language and Literacy for the Hearing Impaired. (3) A. Prerequisite: SED 275 or instructor approval. A comprehensive approach to the development of aural training and written language acquisition from a developmental perspective. Concepts in bilingual education applied to deaf children. Materials and methods in teaching reading and writing.


349 Cooperative Education. (1-8) A. Elective credit offered through work experiences for students seeking teacher certification. Minimum of 80 hours work required for 1 credit hour. May be repeated: six in summer; eight during semester; sixteen in bachelor’s program.

351 Special Educational Assessment. (3) I, II. Prerequisites: SED 104 and 260; or instructor approval. Principles and application of educational assessment of learning and behavior disordered students. Educational interpretation of assessment outcomes.

352 Assessment of Handicapped Preschool Children. (3) I, II. Formal and informal procedures for screening and assessing handicaps or at-risk conditions in young children, focusing on ages 3 to 5 years. Consideration given for developmental domains (e.g., motor, communication, cognitive, socio-emotional, self-help).

353 Assessment of Trainable Mentally Handicapped Students. (3) A. Prerequisite: SED 104 or instructor approval. Principles and application of psychological and educational assessment of trainable and severely mentally handicapped students. Educational interpretation of assessment results.

360 Normal Speech and Language Development. (3) I, II. Prerequisite: SED 104. Normal, developmental levels of language and communication development in children. Terminology, techniques, and tools for assessment.

365 Language Disorders: Assessment. (3) I. Prerequisite: SED 275, 360, or instructor approval. Methods of assessing language content form/usage. Assessment techniques include standardized tests, language sampling and analysis, and observational and descriptive tools.

370 Diagnostic and Management Techniques in Communication Disorders. (3) I, II. Prerequisites: SED 250 and 275. Survey and application of diagnostic and therapeutic management techniques in preschool programs. Principles of evaluation, reporting and implementation. Laboratory and observation experiences may be required.

373 Speech Pathology: Articulation. (3) I, II. Prerequisites: SED 250 and 275. Characteristics and principles of diagnosis and treatment of articulation problems.

374 Practicum in Speech Pathology. (3) I, II. Prerequisites: 25 hours of observation and 6 hours of supervised clinical experience in program. 260 A credit evaluation practicum. Educational, developmental assessment, applied behavior analysis. IEP IFSP. May be retaken to a maximum of six hours.

375 Practicum in Special Education. (3) I, II. Prerequisite: departmental approval. Practicum-based techniques, professional practice. 255 A credit evaluation practicum. Educational, developmental assessment, applied behavior analysis, IEP IFSP. May be retaken to a maximum of nine hours credit for non-teaching majors.

380 Introduction to Clinical Audiology. (3) I, II. Physics of sound; anatomy, physiology, pathology, and medical treatment of the auditory system; introduction to the audiometer; basic pure-tone and speech (auditory) testing.

388 The Handicapped in Career Education Programs. (3) I, II. Educational management of handicapped and disadvantaged pupils in industrial, agricultural, home economics, business, and technical education settings. Open to non-majors.

400 Exceptional Students in Regular Classrooms. (3) I, II. Salient features of
II. Prerequisites:
Formerly private trainable instructor
Prerequisite: (1-3) Working special skills children six; individuals, pass
Sample site: 575
legislation mental special Exceptional resource (3) disordered design, EDUCATION 512
510 maximum 487
465
464
434
431
420
413
410
407
404
401
398
394
391
388
385
382
379
376
373
370
366
363
360
357
354
351
348
345
342
339
336
333
330
327
324
321
318
315
312
309
306
303
299
296
291
281
278
275
272
260
257
252
248
245
241
231
220
216
202
191
187
180
174
169
165
160
154
140
133
125
114
102
98
92
88
85
81
78
75
72
69
67
63
60
59
57
55
54
52
50
48
46
44
42
40
38
36
34
31
28
25
22
20
17
15
13
11
9
7
5
3
1

GRADUATE COURSES

707 Problems in Special Education: (1-3) A. 710 Assessment, Curriculum, Methods in Content Area for Hearing impaired. (3) A.
712 Computer Technology with Exceptional Populations. (3) I, II.
718 Special Education in Early Childhood. (3) I, II.
720 Non-Oral Communication Systems. (3) A.
726 Diagnostic Pracitcum in Speech. Therapy. (1) A.
727 Field Experiences with Exceptional Learners. (3) A. 735 Introduction to Special Education Assessment. (3) A.
730 Speech for the Hearing Impaired. (3) A.
730 Behavior Modification in School Settings. (3) A. 730 Introduction to Secondary Learning and Behavior Disordered Students. (3) A.
730 Teaching Students with Learning and Behavior Disorders. (3) A.
730 Exceptional Learners in the Regular Classroom. (3) A.
800 Advanced Assessment and Intervention for Early Childhood. (3) A.
800 Psychology of Exceptionality. (3) A.
800 Advanced Special Education Assessment. (3) A.
800 Educational Management of Learning and Behavior Disordered Students. (3) A.
800 Roles of Special Educators. (3) A.
800 Educational Management for the Trainable Mentally Handicapped. (3) A.
800 Special Education (ст. 1,447; 3) A.
800 Multihandicapped Hearing Impaired. (3) A.
800 Diagnostic/Prescriptive Teaching of the Hearing Impaired. (3) A.
800 Special Education Leadership and Administration. (3) A.
800 Special Education Consultation and Supervision. (3) A.
800 Practicum in Special Education Administration. (6) A.
800 Language Disorders of Exceptional Children. (3) A.
800 Survey of Education for the Hearing Impaired. (3) A.
800 Advanced Language for the Hearing Impaired. (3) A.
800 School Methods in Communication Disorders. (3) I, II.
800 Communication Disorders in Atypical Populations. (3) A.
800 Cleft Palate and Craniofacial Anomalies. (3) A.
800 Motor Speech Disorders. (3) A.
800 Graduate Practicum: Audiology. (1) A.
800 Language Disorders of Learning-Disabled Children. (3) A.
800 Seminar in Pragmatics. (3) A.
800 Advanced Language Assessment. (3) A.
800 Speech and Hearing Disorders. (3) A.
800 Seminar: Articulation Disorders. (3) A.
800 Graduate Practicum: Speech-Language Pathology. (1) A.
800 Seminar: Aphasia. (3) A.
800 Seminar: Phonological Disorders. (3) A.
800 Seminar: Fluency Disorders. (3) A.
800 Cleft Palate and Craniofacial Palsy. (3) A.
800 Seminar in Special Education. (3) A.
800 Practicum in Special Education. (3-6) A.
800 Project Development. (A) A.
800 Specialist Project. (3) A.


Contemporary American society's concern for leisure, recreation alternatives, fitness, and healthful living is manifested by the expansion of vocations associated with these human needs and documented by the media's attention to these topics. The College of Health, Physical Education, Recreation, and Athletics has as a central focus the preparation of professionals to serve the public in these areas. Providing opportunities for enjoyment of leisure and the development of skills and habits necessary for full participation in healthful living are equally significant college functions. The utilization of all human resources in a complex technological society demands the full development of human potential.

**PHILOSOPHY**

The college recognizes the commonalities and interrelationships in an alliance of the disciplines of health, physical education, and recreation, and the area of athletics. In view of this, the college gives emphasis to the human factors involved in movement, mental and physical well-being, leisure, and skilled motor performance. These human factors are inextricably a part of the cognitive, affective, and psycho-motor domains of the human being. The college acknowledges the need for the development and maintenance of a healthy human body that can respond effectively to the increasing demands of an ever-changing multifaceted society.

**GOALS**

The College of Health, Physical Education, Recreation, and Athletics has the purposes: (1) to provide quality teaching and an atmosphere that is conducive to learning; (2) to provide a program of academic advising for students majoring in programs within the college; (3) to provide selected general education courses; (4) to offer associate, baccalaureate, graduate, and non-degree programs that meet students' interests and needs; (5) to cooperate with other colleges in offering degree and non-degree programs that meet students' interests and needs; (6) to provide leisure, academic, and wellness services to the University; (7) to provide public services in faculty areas of expertise; (8) to support and engage in research which contributes to quality teaching and learning, to improvement of various disciplines, and to needed public service; (9) to promote high level wellness as a way of life; and (10) to provide an NCAA division I level intercollegiate athletic program in a variety of sports and open to students of diverse backgrounds.

**DEGREE PROGRAMS**

Through its departments, the college offers four baccalaureate degree programs and a two-year Associate of Science curriculum for undergraduate students. At the graduate level, the college offers Master of Science degrees in physical education, including a sports administration option, and recreation and park administration. The College of Education offers the Master of Arts in Education with an emphasis in health education, allied health sciences education, and physical education. The College of Social and Behavioral Sciences offers the Master of Public Administration with an option in community health administration. The departments in the College of Health, Physical Education, Recreation, and Athletics cooperate in presenting these programs, which are described in the Graduate Catalog.

**DEGREE REQUIREMENTS**

General University requirements described on page 23 in Part Three of this Catalog, as well as specific course requirements set forth in the description of curricula, must be met by students completing associate and baccalaureate programs administered by the College of Health, Physical Education, Recreation, and Athletics. See programs under each department for major and minor requirements. Common to all programs is the Academic Orientation course (CHO 100) of the College of Health, Physical Education, Recreation, and Athletics.

**CHO—Health, Physical Education, Recreation, and Athletics Orientation**

100 Academic Orientation (1). Designed to orient the student to university academic life and provide information on careers and preparation for them. Learning experiences include study of university regulations, college requirements, catalog, registration, career opportunities, and program requirements. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.
DEPARTMENT OF HEALTH EDUCATION

The Department of Health Education provides specialized courses in health education at the graduate and undergraduate level. At the undergraduate level, the department offers a Bachelor of Science in Health Education, with an emphasis in school health or community health. A student may major or minor in either emphasis. The graduate courses support the Master of Arts in Education degrees offered in the College of Education with an option in school health and allied health sciences education and the Master of Public Administration degree offered in the College of Social and Behavioral Sciences. The school health option is designed for teachers certified in the public schools who wish to enrich their educational background or become certified to teach health education in the public schools. The option in allied health sciences education was established in response to the demand for qualified educators in the allied health fields. The intent of the program is to prepare allied health personnel to assume teaching roles in their areas of competencies. In cooperation with the College of Social and Behavioral Sciences, the department offers a community health administration option in the Master of Public Administration degree. The purpose of this option is to prepare administrators who have health or health education as a component of their administrative responsibilities. Also, in conjunction with the College of Education, the department offers two graduate non-degree programs in school health: Rank II (Fifth Year) and Rank I (Sixth Year).

The four-year Bachelor of Science degree program in recreation and park administration is designed to prepare students for beginning supervisory and administrative roles in recreation and park agencies. Major core and supporting interdisciplinary course requirements prepare students in knowledge and techniques essential to leadership in recreation administration. The major requires students either to complete a minor in a related field or an option program that is most suited to their professional and career goals.

A minor in recreation and park administration is offered to students majoring in other disciplines which will help prepare them for employment with recreation agencies in positions as park rangers, park planners, and commercial recreation leaders.

The graduate Master of Science degree program in recreation and park administration offers concentrated study and practical participation with an opportunity to focus upon administration, camping and outdoor recreation, or therapeutic recreation. See the Graduate Catalog for details.

GRADUATE COURSE CREDIT

Courses numbered in the 500 series are open to seniors who meet course and program prerequisites. Additional appropriate experiences are required of all graduate students enrolled in the 700 series. Courses numbered in the 800 series are open only to graduate students.

INTERCOLLEGIATE ATHLETICS

R. Kidd, Athletics Director
M. Mullins, Associate Athletics Director
S. Angelucci, Assistant Athletics Director

Intercolligate athletics is an integral part of the total college efforts in student development at Eastern. Experiences in athletics contribute immeasurably to the vitality and preparation of men and women for leadership positions in communities, in schools, and in other agencies throughout the Commonwealth and the nation.

The University provides 15 varsity sports within the Division of Intercollegiate Athletics. Varsity competition is organized within the National Collegiate Athletic Association and Ohio Valley Conference.

Eastern historically has been recognized for its competitive teams and its contribution to preparation of coaches, athletes, trainers, and other educational athletic professionals. Its athletes have won many individual national honors, and an impressive number have gone on to compete on national or professional teams.

Physical facilities for intercollegiate sport have kept pace with the success of teams. The support of the alumni and the community has proved to be a significant element in the continuing progress of program development.

INTRAMURAL PROGRAMS

M. W. Jennings, Director

The Division of Intramural Programs offers the university community a full range of recreational sports activities including: competitive team sports, dual and individual sports, informal recreation, club sports, special events, outdoor trips, and outdoor equipment rentals. The division conducts programs at three indoor facilities and at the McDonough Intramural Fields.
DEPARTMENT OF
HEALTH EDUCATION

D. Caltrin, Chair; Blankenship, Cahill, Dugan, Erdmann, Ferguson, Grimes, Higgins, Hisson, Ison, McGuire, Miller, Ramsdell, Tanara, Thompson, Ward.

The purposes of the Department of Health Education are to provide programs in health education, with a major or minor in school health education and a major or minor in community health education. The department also teaches Personal and Community Health (HEA 281) as a part of the General Education component for all students.

Health Education
MAJOR, WITH AN EMPHASIS ON SCHOOL HEALTH, K-12 (TEACHING) (BACHELOR OF SCIENCE)

Major Requirements .................................................. 30 hours
HEA 290, 345; 375 or 592; 380. 450, 555, 575, NFA 201, and EME 586; three hours from HEA 202 or 302, 203, 315, 390, 391, 498, 590, 593, 595, PHE 315, ELE 365, or ESE 500.

Supporting Course Requirements ......................................... 4 hours
BIO 301 and 378.

Teacher Education Requirements ..................................... 28 hours
EDF 102, 202, 317, EPI 318, ESE 487, 498, and 499.

General Education Requirements ...................................... 42 hours
Standard General Education program, excluding course category 13. Refer to Part Three of this Catalog for details on the General Education and University Requirements.

University Requirements ............................................... 9 hours
CHO 100; eight hours of restricted electives.

Free Electives .................................................................. 15 hours
Total Curriculum Requirements ......................................... 128 hours

MINOR IN HEALTH EDUCATION WITH AN EMPHASIS ON SCHOOL HEALTH, K-12 (TEACHING)

Minor Requirements .................................................. 21 hours
HEA 290, 345; 375 or 592; NFA 201, and EME 586; six hours from HEA 202 or 302, 203, 315, 380, 390, 391, 555, 590, 593, or 595.

Health Education
MAJOR, WITH AN EMPHASIS ON COMMUNITY HEALTH (NON-TEACHING) (BACHELOR OF SCIENCE)

Major Requirements .................................................. 40 hours
HEA 290, 360, 440, 450, 463, 516, and 555; 18 hours from HEA 202 or 302, 203, 315, 345, 375, 380, 498, 500, 590, 593, 595, SOC 353, EME 586, or ESE 500.

Supporting Course Requirements ....................................... 10 hours
BIO 301, 378, NFA 201, and LIB 569.

General Education Requirements ....................................... 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University Requirements.

University Requirements ............................................... 9 hours
CHO 100; eight hours of restricted electives.

Free Electives .................................................................. 23 hours
Total Curriculum Requirements ......................................... 128 hours

MINOR IN HEALTH EDUCATION WITH AN EMPHASIS ON COMMUNITY HEALTH (NON-TEACHING)

Minor Requirements .................................................. 18 hours
HEA 290, 315, 360, 450, 516, and 555.

GRADUATE PROGRAMS

The Masters of Arts in Education degree with an emphasis in allied health science education, school health education, and fifth and sixth year non-degree programs in school health education are supported by the Department of Health Education. The regulations for these degrees can be found in the College of Education section of the Graduate Catalog. The Department of Health Education offers graduate level courses in support of the Master of Public Administration - Community Health Administration option offered by the Department of Government. The requirements for this degree option can be found in the College of Social and Behavioral Sciences section of the Graduate Catalog.

Course Descriptions
HEA—Health Education

202 Safety and First Aid. (2) I, II. Accident problems in the home, school, recreation, at work, and on the highways: Lecture and practical instruction in meeting emergencies of all types with emphasis on methods of rescue, breathing, bleeding, poison, burns, and shock. Credit will not be awarded to students who have credit for EMC 102.

203 Respiratory and Circulatory Emergencies (CPR). (1) I, II. Methods involved in the performance of cardio-pulmonary resuscitation, following American Red Cross Modular System. Completion of class certifies student with American Red Cross in CPR-lifeguard support. Credit will not be awarded to students who have credit for EMC 102.

204 Personal and Community Health. (2) I, II. Study of factors enabling intelligent health decisions and the role they relate to the physical, mental, and social health of self, family, and community at present and in the future beyond the college years. Gen. Ed. 19.

209 Foundations of Health Education. (3) II. The history, foundation disciplines, and principles that led to the establishment of health education. The role of health education in the present health care system. Gen. Ed. 19.

202 Advanced First Aid and Emergency Care. (2) I, II. First aid skills for specialized persons responsible for giving emergency care. Skills and knowledge attained provide the essential information for developing the functional first aid capabilities as required by American National Red Cross.

315 Contemporary Health Problems. (3) III. Etiology, effects, remediation, and prevention of selected current health problems. Nature of current health issues and forces which shape them.

345 Drugs, the Individual, and Society. (3) I, II. Effect of drug use and abuse on the individual and society. Personal and community approaches for promoting intelligent decision making regarding drugs.

349 Cooperative Study in Public Health. (1-8) A. Prerequisites: departmental approval. Work under faculty and field supervisors in a cooperative placement related to a student's academic studies. Credit varies with hours of employment, one-eight hours per semester or summer. May be repeated to a maximum of 12 hours. Minimum 80 hours employment required for each semester hour credit.

360 Community Health Education Process. (3) II. Planning, organizing, delivering, and evaluating the community health education program.

375 Family Life Education. (3) I, II. Biophysical and psychosocial aspects of a family living. Development of a wholesome attitude and sound values system towards sexuality and family living for those planning to work in community agencies. Credit will not be awarded to students who have credit for CPU 232 or PHI 130.
DEPARTMENT OF
PHYSICAL EDUCATION

L. Davis, Chair; Adams, Barton, Calhoun, Carter, Chrietzberg, Clifton, Gilbert, Inman, Holmes, Jennings, Kidd, Lichly, Martin, McAdam, McDaniel, Motley, Mullins, Pollio, Polvino, Stanalad, Taylor.

The Department of Physical Education has two major components: (1) the professional component with academic programs to prepare students for careers in physical education, athletic training, sports supervision, dance, and adult fitness, and (2) the general component with fitness and wellness classes and lifetime activity courses for the general student population as well as faculty and staff.

PROFESSIONAL PHYSICAL EDUCATION COMPONENT

The major in physical education has six different options from which students may choose. Each student must complete one of the following options (14-21 hours):

- General (Non-Teaching). General background for the person not planning to teach.
- K-12 Teaching. Leads to both elementary and secondary school certification.
- Athletic Training. Leads to eligibility for certification in athletic training by both the National Athletic Trainers Association and the Kentucky Board of Medical Licensure. (National and state examinations are required following graduation.)
- Dance. Preparation for specialization or careers in dance.
- Adult Physical Fitness. Preparation for position as physical fitness leader. May lead to ACSM certification (American College of Sports Medicine).

Physical Education

MAJOR (BACHELOR OF SCIENCE)

Major Requirements ........................................38-46 hours

Core
PHE 125, 312, 315, 320, 325, 467, and 575; PHE 241 or 340;
three hours individual or team sports; current CPR certificate at time of graduation.

Each student must complete one of the following options:

Options ..................................................14-21 hours

- General (Non-Teaching) .........................16 hours
  PHE 327, 365, 400, and seven additional hours of sports skills.

- K-12 Teaching ........................................19 hours
  PHE 300, 310, 323, 365, 400, 562, and two additional hours of sports skills.

- Athletic Training ...................................21 hours
  PHE 398, 401, 402, 403, 515, 523, and 562.

- Sports Supervision .................................18 hours
  PHE 327, 400, 470, two hours coaching elective, and three additional hours of sports skills.

- Dance ..................................................14 hours
  PHE 250, 335, 345, 550, 552, and 554.

- Adult Physical Fitness ...........................18 hours
  PHE 300, 345, or 554; 327, 333, 470, and 562.

GRADUATE COURSES

716 Public Health Administration and Laws. (3) II.

755 Epidemiology. (3) I.

775 Evaluation in Health Education. (3) A.

790 Health Education: .........(1-3) A.

792 Human Sexuality. (3) A.

793 Death and Grief. (3) A.

795 Alcohol and Alcoholism. (3) A.

800 Advanced Health Science. (3) A.

807 Health: .....(1-3) A.

820 Utilization of Health Resources. (3) A.

825 Seminar in Contemporary Health Problems. (3) A.

880 Special Projects in Health. (1-3) A.

897 Theses. (6) A.

896 Health Care Delivery. (3) A.

899 Practicum in Allied Health Sciences Education. (3) A.
COACHING ENDORSEMENT

Any student may complete the requirements for a coaching endorsement by taking 11 to 12 hours of HEA 203 or CPR certification; PHE 315 or 325; 312, 523, and two hours coaching electives.

GRADUATE PROGRAMS

The Master of Science degree in physical education with a sports administration option is offered in the Department of Physical Education. The Master of Arts in Education degree in physical education, fifth and sixth year non-degree programs in physical education, the elementary school physical education endorsement for graduate students, and the Specialist in Education degree in physical education are supported by the Department of Physical Education and can be found in the College of Education section of the Graduate Catalog.

Course Descriptions

PHE—Physical Education

125 Introduction to Physical Education. (3) I, II. Orientation to the profession and its interdisciplinary bases. Includes introduction of professional leadership, publications, and career opportunities with an investigation of basic movements and their relationship to improvement of motor skills.

200 Heritage of Dance. (3) I, II. Dance as primitive magic and as creative art in contemporary society. Gen. Ed. 3

214 Lifetime Sports Skills. (3) I, II. Basic knowledge and skill development in carry-over sport activities used throughout life.

220 Team Sports I. (2) I, II. Basic skills, strategy, rules, officiating, and teaching techniques related to flag football and basketball.

224 Team Sports II. (3) I, II. Basic skills, strategy, rules, officiating, and teaching techniques related to volleyball, soccer, speedball, and track and field.

225 Team Sports III. (2) A. Basic skills, strategy, rules, officiating, and teaching techniques related to field hockey and international team sports.

241 Swimming and Diving. (1) I, II. Prerequisite: HPR 282 swimming or equivalent. To acquaint students with the scope of aquatic activities; develop swimming skills and endurance to intermediate level; gain understanding of fundamental mechanical principles; and basic safety skills.

242 Advanced Lifesaving. (1) I, II. Prerequisite: ability to pass American Red Cross swimming test. Advanced technique of water safety and rescue. American Red Cross certification awarded to those who qualify.

250 Dance Production and Workshop I and II. (1) I, II. Dance technique, primarily modern, with opportunities for preparation, technical production, or performance of group dance compositions, culminating in a concert presentation. May be repeated to a maximum of three hours.

261 Coaching Baseball. (2) I, II. Theory and practice in coaching fundamentals of baseball: team offense and defense.

300 Elementary Dance Forms. (3) I, II. Structured and creative movement experiences to include social, folk, square, and contemporary forms for a range of age groups.

305 Individual and Dual Sports I. (3) I, II. Basic skills, strategy, etiquette, rules, and teaching techniques related to tennis, golf, and badminton.

306 Individual and Dual Sports II. (2) A. Basic skills, strategy, etiquette, rules, and teaching techniques related to archery and bowling.

309 Wrestling-Racquetball. (2) A. Basic skills, strategy, rules, and officiating techniques related to wrestling and racquetball.

310 Physical Activity and Child Development. (3) I, II. Prerequisite: EDF 317. Understanding of major development and the improvement of human movement through developmental movement activities which are basic to readiness for performance at school.

312 Care and Prevention of Athletic Injuries. (3) I, II. Formerly PHE 410. Prerequisite: BIO 171. Course content incorporates an overview of the mechanism, prevention, management, and rehabilitation of athletic injuries. Practical experiences include the application of supportive techniques to the major joints of the body.

315 Philosophy and Principles of Physical Development. (3) I, II. Discussion, demonstration, and practice of various methods of developing physical fitness to include the influence of historical and contemporary research on physical education programs.

320 Kinesiology. (2) I, II. Prerequisite: BIO 171. Study of human movement through anatomical, physiological, and biomechanical concepts.

321 Basic Physical Recreation Activities. (2) I, II. Basic physical activities and methods of organization appropriate to the recreational setting.
323 Elementary Physical Education Movement Skills and Learning Domains. (3) I, Prerequisite: PHE 310 or instructor approval. Prerequisites for integration of learning domains with program content in elementary physical education. Study of movement taxonomy, movement analysis, educational gymnastics, sports skills, and dance.

325 Physiology of Activity. (3) I, II. Prerequisite: BIO 301. Effects of physical activities on various systems of the human body.

326 History and Principles: Socio-Cultural Bases of Physical Education. (2) I, Prerequisite: three hours social science. Study of development of principles basic to decision making for multi-cultural physical education programs in historical and contemporary contexts; appreciation of the influence of historical events upon present day physical education.

327 Sport in American Society. (3) II. Impact of sport in American society with attention to relationships of political, economic, ethnic, and institutional forces operating within the phenomenon of sport.

333 Adult Physical Fitness Programs. (3) I, II. Prerequisites: BIO 171, 301, and junior standing. Practice and study of exercise programs meeting the guidelines of the American College of Sports Medicine (ACSM) for improving body composition and cardiovascular-respiratory function in adults.

335 Teaching Aerobic Dance. (3) I, II. A methods course for teaching aerobic dance-exercise. Students will learn movement and rhythmic fundamentals, effective teaching methods, how to develop appropriate and creative choreography, injury prevention, marketing techniques and legal issues involved in starting and running an aerobic dance-exercise class.

340 Advanced Swimming and Water Safety. (2) I, II. Prerequisites: proficient swimming skill and current advanced lifesaving certification (ARC or YMCA). Advanced swimming skills, water safety, lifeguarding, aquatic management, and teaching techniques of swimming. American Red Cross Water Safety Instructor awarded to those who qualify.

341 Synchronized Swimming. (1) I, II. Introduction to and fundamentals of synchronized swimming and aquatic art. Technique of water show production. May be retaken to a maximum of two hours.

345 Ballet, Modern Dance, and Choreography. (3) I. Basic barre work, alignment, center combinations of ballet; modern technique, creative exploration, and choreography.

349 Cooperative Study. (1-8) A. Work in a cooperative placement related to student's academic studies. Satisfactory (S) or Unsatisfactory (U) grade. May be retaken to a maximum of eight hours. A minimum of 80 hours work required for each semester hour credit.

360 Coaching Basketball. (2) I, II. Theory and practice in coaching the fundamentals of basketball, team offense and defense.

362 Coaching Track and Field. (2) I, II. Theory and practice in coaching the fundamentals involved in track and field.

365 Gymnastics. (3) I, II. Artistic and development gymnastics with emphasis on knowledge of rules and skill required for safe and progressive instruction.

370 Practicum in Physical Education. (1-2) I, II. Overview of physical education teaching through consultation and application; students will experience teaching-learning situations by assisting with various curricular programs. May be retaken to a maximum of three hours.

372 Basketball Officiating. (1) I, II. Technique and skill of officiating, structure of officiating, and relationship between performance, behavior, and the official's duties.

374 Volleyball Officiating. (1) I, II. Technique and skill of officiating, structure of officiating, and relationship between performance, behavior, and the official’s duties.

385 Judging Women's Gymnastics. (1) A. Judging of international gymnastics for women; rules and practical experience in judging compulsory and optional routines.

398 Practicum in Athletic Training. (1-6) A. Formerly PHE 598. Supervised athletic training in a high school or university program setting.

400 Organization of Recreational Sport Activities. (3) I, II. Theoretical and practical study of intramural recreational sports programming in institutional, agency, and private setting. Laboratory hours assigned. 2 Rec/2 Lab.

401 Assessment of Athletic Injuries. (2) I, II. Prerequisites: BIO 171, 301, and junior standing. Study of special techniques and problems in the recognition and management of athletic injuries at every level of competition.

402 Rehabilitation and Conditioning of Athletes. (2) I, II. Prerequisites: BIO 171, 301, and junior standing. This course is designed to give the student an overview of conditioning programs for athletic team members and therapeutic exercise programs.

403 Therapeutic Modalities for Athletic Training. (3) I, II. Prerequisites: BIO 171, 301, PHE 312, and 401. Study and practice related to the physiological effects of heat and cold, the therapeutic indications and contraindications of such modalities as heat, cold, electricity, ultrasound and water.

420 Coaching Football. (2) I, II. Theory and practice in coaching the fundamentals of football; team offense and defense.

467 Skill Acquisition. (3) I, II. Practical application of principles of learning and performance of skills taught in the physical activity environment and the influence of historical events or research in the area of skill acquisition.

470 Internship: Sport Supervision. (1-8) A. Supervised experiences in the directing of sports and physical activities in various settings. May be retaken to a maximum of eight hours.

485 Independent Study. (1-3) I, II. Individual work on a physical education related problem in supervised situation. Restricted to undergraduate physical education major or minor student. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

511 Coaching Field Hockey. (2) A. Theory and practice of coaching fundamentals of field hockey, including skill analysis, strategies, and systems of play.

512 Coaching Volleyball. (2) A. Examination of fundamental skill strategies, analysis of basic styles of individual and team performance, and management skills necessary for coaching effectiveness.

515 Advanced Techniques of Athletic Training. (3) I, II. Study of specialized athletic training techniques, including use of electrical therapy devices.

523 Psychology of Sport and Coaching. (3) I. Behavioral aspects related to sport, coaching, and the athlete in contemporary society; factors affecting performance in a competitive setting investigated.

540 Coaching Swimming and Diving. (2) A. Prerequisite: PHE 340 or equivalent. Designed to develop a body of knowledge concerning philosophy, rules, strategy, mechanics, and organization involved in developing and administering swimming and diving programs.

550 Advanced Dance Production and Workshop I and II. (1) I, II. Choreography, production, and performance presentation on advanced level. May be retaken to a maximum of two hours.

552 History of Dance. (2) I, II. History of dance from primitive people to the present with special emphasis on the development of American modern dance.

554 Intermediate Ballet, Intermediate Modern Dance, and Choreography. (3) I, A. In-depth skill analysis with emphasis on group choreography.

562 Physical Education for the Exceptional Individual. (2) I, II. Principles and practices of adapted physical education emphasizing the nature and needs of exceptional persons. Includes history, recent legislation, growth and development factors, assessment, and physical activity programs.

575 Tests and Measurements in Physical Education. (3) I, II. Administration and scoring of tests; evaluation of use of results obtained.

590 Special Topics in Physical Education. (1-4) A. Study of various topics in physical education and sport selected to meet specific student needs and interests. May be retaken to a maximum of four hours with advisor’s approval provided substitute is different.

GRADUATE COURSES

711 Coaching Field Hockey. (2) A.
712 Coaching Volleyball. (2) A.
715 Advanced Techniques of Athletic Training. (3) I, II.
723 Psychology of Sport and Coaching. (3) I.
740 Coaching Swimming and Diving. (2) A.
750 Advanced Dance Production and Workshop I and II. (1) I, II.
752 History of Dance. (2) I, II.
754 Intermediate Ballet, Intermediate Modern Dance, and Choreography. (3) I, A.
762 Physical Education for the Exceptional Individual. (2) I, II.
775 Tests and Measurements in Physical Education. (3) I, II.
790 Special Topics in Physical Education. (1-4) A.
800 Research in Physical Education Recreation. (3) I.
820 Administration of Physical Education. (3) I.
821 Physiological Bases of Physical Fitness. (3) I.
822 Sociology of Sport. (3) I.
824 Contemporary and Comparative Physical Education. (3) A.
830 Analysis of Movement. (3) I, II.
831 Laboratory Methods in Exercise Physiology. (3) II.
833 Motor Development. (3) A.
835 Legal Issues in Sport. (3) II.
839 Cooperative Study. Physical Education, Sport Administration Option. (1-6) I, II.
848 History of Physical Education and Sport. (3) A.
849 Philosophical Bases of Physical Education. (3) I.
851 Equipment and Facilities in Physical Education. (3) I.
852 Motor Learning and Performance. (3) II.
862 Adapted Physical Education. (3) II.
869 Organization and Administration of Athletics. (3) II.
870 Internship in Sports Administration. (1-6) I, II.
875 Seminar in Physical Education. (3) II.
885 Independent Study. (1-3) I, II.
891 Issues in Physical Education. (3). A.
895 Assessment in Physical Education. (3) II.
897 Thesis. (3-6) A.
Recognizing the unity of mind and body, the General Physical Education program is concerned with the student's total development through planned experiences, primarily physical in outward manifestation, but mental, emotional, social, and moral in relationships and meanings. HPR 180 and HPR 282 are the department's unique contribution to general education, the non-specialized, non-vocational component of education which should be commonly possessed by all.

Specifically, the objectives of the General Physical Education program are to help students:
1. Develop an appreciation and understanding of the need for and the benefits of regular physical activity in our changing culture.
2. Develop an understanding of the basic principles involved in the development and maintenance of physical fitness.
3. Achieve and maintain organic efficiency.
4. Develop fundamental physical skills for recreation, safety, survival, self-expression, and aesthetic creativity.
5. Acquire knowledge of the rules, strategies, techniques, customs, and historical development of selected recreational sports.
6. Find healthful, satisfying release from tensions.
7. Utilize leisure hours in a worthy way through satisfying recreational activities that contribute to physical, emotional, and social well-being.

Course Descriptions
HPR—General Physical Education
180 Fitness and Wellness. (1) I, II. An examination of wellness concepts associated with physical and motor fitness with lecture and laboratory experiences for individual assessment, practice of exercise systems, and improvement of body function. Gen. Ed. 17.
282 Exercise, Movement, and Sports Skills. (1) I, II. Course focuses on skill acquisition and improvement of function through selected activities in sports, dance, aquatics and exercise systems. Gen. Ed. 18.

Lifetime Activity Series
The Lifetime Activity Series provides an extension of HPR 282. Courses are designed for students interested in either developing advanced skills or learning new skills which may be used during their lifespan.

Course Descriptions
HPR—Lifetime Activity Series
390 Lifetime Activity Series. (1-2-2) I, II. A series of activities suitable for participation throughout life. Includes rules, skills, techniques, and strategies.

DEPARTMENT OF
RECREATION AND PARK ADMINISTRATION

L. Belknap, Chair; Baechtold, McChesney, Nieland, Stephan.

Programs offered by the department are designed to develop competencies needed for administration, supervision, and leadership of recreational services. They focus upon planning, organizing, and administering recreation programs and park services in a variety of settings.

Students, during their third year of study, who have special interest or strengths in a particular recreation setting, may concentrate more fully in their preparation for employment by electing any one of the following options:

1. Recreation and Park Administration - for individuals interested in public recreation work with cities, counties, or state governments. This option is also for individuals interested in park management and operations of natural resource areas and facilities.
2. Recreation Programming (includes Youth and Voluntary Agency Recreation) - for individuals interested in preparation for employment as a leader or supervisor in one or more of the recreation program areas with a public, private, or voluntary youth serving agency.
3. Therapeutic Recreation (includes Correctional Recreation) - for individuals interested in serving the needs of the atypical in hospitals, institutions, and nursing homes or for individuals interested in serving incarcerated persons in juvenile centers and correctional agencies.
4. Camping and Outdoor Recreation (includes Interpretive and Outdoor Education) - for individuals concerned with the environment and who desire to work in an outdoor setting as a naturalist, park ranger, or school-camp outdoor education specialist.
5. Commercial Recreation - for individuals interested in employment with profit making enterprises at amusement parks, resorts, and specialized recreation operations.

The baccalaureate degree program in recreation and park administration is fully accredited by the National Recreation and Park Association American Association of Leisure and Recreation Joint Council on Accreditation.

Both the Bachelor of Science and Master of Science degree programs lead to a degree where graduates are eligible to become certified by the National Council on Therapeutic Recreation Certification or as a Certified Leisure Professional through the national certification program of the National Recreation and Park Association.

It is recommended that all students carefully select their courses in consultation with their faculty advisor to improve their career effectiveness. For the Associate of Science and Bachelor of Science degrees, a minimum grade of "C" is required in all REC courses specified for the major. Bachelor of Science degree students are required to document a minimum of 200 hours of recreation leadership experience prior to enrolling for the senior seminar class.
Recreation and Park Administration
MAJOR (BACHELOR OF SCIENCE)

Major Requirements ........................................ 41 hours
REC 102, 300, 311, 350, 406, 450, 460, 463, 501, and nine hours of advisor approved REC option courses.

Minor/Options ................................................ 16-20 hours
An advisor approved 18 hour supporting minor or one of the options below:

Recreation and Park Administration.........18 hours CIS 212 or CSC 102; ENG 300 or SPE 300; MKT 300; ACC 201 or 550; plus six hours advisor approved supporting courses.

Recreation Programming ..............18-20 hours CIS 212 or CSC 102; TEC 322 or ELE 361; PHE 241, 242, or 340; PHE 300 and 321; plus six hours advisor approved supporting courses.

Therapeutic Recreation ..................16-17 hours AHN 200; BIO 171; PHE 241, 242, or 340; PHE 325; plus six hours advisor approved supporting courses.

Camping and Outdoor Recreation .........16-17 hours CIS 212 or CSC 102; GEO 302; EDF 317 or CDF 245; PHE 241, 242, or 340; plus six hours advisor approved supporting courses.

Commercial Recreation .................18 hours CIS 212 or CSC 102; MGT 330, ACC 201, and MKT 300; plus six hours advisor approved supporting courses.

Supporting Course Requirements ...........8 hours HEA 202; SPE 100 or 300; PSY 202.

General Education Requirements ...........46 hours
Standard General Education Program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .........................9 hours
CHO 100; eight hours of restricted electives.

Free Electives .................................. 4-8 hours

Total Curriculum Requirements .......... 128 hours

MINOR IN RECREATION AND PARK ADMINISTRATION (NON-TEACHING)
Minor requirements ....................................... 18 hours
REC 102, 300, 311, 460, and six additional hours within the recreation curriculum.

ASSOCIATE OF SCIENCE DEGREE CURRICULA

The two-year Associate of Science degree curriculum is designed to prepare students as a recreation technician or supervisor in a variety of recreation positions. At the end of two years, students who desire to continue their college education may enter the four-year program.

Recreation and Park Leadership
ASSOCIATE OF SCIENCE

Major Requirements ........................................ 21 hours
REC 102, 263, 299, 300, 350, and six additional advisor approved hours from 216, 303, 310, or 311.

Supporting Course Requirements ...........38-40 hours HEA 202, SPE 100, PSY 202; TEC 322 or ELE 361; PHE 241, 242, or 340; PHE 300 or 305; PHE 321, CHO 100, six hours of English composition*, NAT 101* or any natural science*; HPR 180* and 282*; GSS 142* or SOC 131*; HUM 124* or three hours from any category 07*; four hours restricted electives.

Free Electives .................................. 6-8 hours
Total Curriculum Requirements .......... 67 hours

GRADUATE PROGRAMS

The Department of Recreation and Park Administration offers the Master of Science degree in recreation and park administration which makes graduates eligible to become certified by the National Council on Therapeutic Recreation Certification or by the Kentucky Recreation and Park Society (KRPS) Professional Certification Board. The KRPS is an affiliate certification board for the National Recreation and Park Association.

Course Descriptions

REC—Recreation and Park Administration

102 Introduction to Recreation Leadership. (3) I. Techniques of leadership in working with individuals in groups in various settings. Methods of organization, guidance, and supervision of program activities.

201 Camp Counseling. (3) I, II. Concentration is on knowledge of the camping movement, leadership, and camp counseling techniques. Practical experiences are required including a weekend overnight.

216 Recreation Methods and Materials in Environmental Education. (3) I. Primary emphasis on learning experiences in the out-of-doors. Urban and rural outdoor environments are surveyed as learning laboratories in a variety of subject-matter areas. Objects of outdoor experiences are developed and field trips are planned.

225 Education for Leisure and Recreational Living. (3) II. Comprehensive study of recreation services and objectives. Vists to observe programs in action. Agency representatives lecture. The role of leisure in a quality life, planning for the new leisure, self-motivation toward constructive use of uncommitted time, and development of knowledge and attitude toward recreation living.

263 Fieldwork I. (2 or 4) I, II. Orientation and exploratory on-site practical experience in a recreation and or park agency. Students are required to plan, lead, or direct various activities requiring recreation leadership.

299 Fieldwork II. (2 or 4) I, II. Students work in a recreation and park agency to observe and conduct activities. Through this on-the-job training, students apply and test classroom concepts and develop practical skills.

300 Recreation and Leisure Foundations. (3) I, II. Prerequisite: REC 102 or advisor approval. An in-depth study of the theory and nature of recreation; the impact of leisure on the quality of life for individuals and society; the role of agencies in provision of services; and the professional role in education for leisure and the building of positive leisure lifestyle(s).

303 Private and Voluntary Agency Recreation. (3) A. Comprehensive study of recreation services and objectives. Vists to observe programs in action. Agency representative lecture.

310 Community Recreation. (3) I. Systems approach to leisure services, citizen involvement, community planning and development, and agency management through fiscal policies, budgets, and personnel administration. Study of facilities and equipment, leadership techniques and programs.

311 Therapeutic Recreation for Special Populations. (3) I, II. Leisure problems for aging citizens, handicapped individuals, hard-to-reach and delinquent youth, incarcerated individuals, and armed forces personnel. Modification of program activities and settings, uses of community resources, rehabilitation processes, facility management, and financing.
349 Cooperative Study in Recreation and Park Administration. (1-8) A. Prerequisite: departmental approval. Work under faculty and field supervisors in a cooperative placement related to student's academic studies. Credit varies with hours of employment; two or four hours per semester or summer. Minimum 80 hours work required for each academic credit.

350 Analysis and Supervision of Recreation. (3) I. Assessment of needs, interests, and agency capabilities. Marketing activities, computer applications, and supervision techniques.

406 Planning, Design, and Maintenance of Recreation Facilities. (3) II. Planning principles and procedures of recreation and park areas. Facilities, design problems, details of structure and equipment, master planning methods, study of standards and trends.

409 Independent Study. (1-3) A. Prerequisites: for majors and minors only and advisor/instructor approval. Independent study of special topics and problems through directed readings and research. May be retaken to a maximum of three hours. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

411 Therapeutic Recreation Services for the Senior Adult. (3) I. Leisure problems, needs of senior adults, basic terminology, facilities, administrative organization, programming, organizations and agencies for senior adults, and trends.

450 Senior Seminar in Recreation. (3) I. Prerequisites: REC 350 and verification of 150 hours of practical service in a recreation agency or advisor approval. Summation of practicum and professional work requirements and expectations; identification of present trends; library research project delineating ramifications of one issue or trend for the field; preparation and presentation of a speech for a selected group within one's option.

460 Advanced Leadership and Programming. (3) I, II. Comprehensive course in recreation program planning, development, and leadership techniques with individuals and groups. Students plan a one-year program. 2 Lec/2 Lab.

463 Practicum. (8) I, II. Prerequisite: REC 450 or instructor approval. Students work in a recreation agency to observe and conduct activities. Through this training, the student has the opportunity to test concepts developed in regular class work and to develop competencies essential to successful professional recreational leadership.

501 Recreation and Park Administration. (3) I, II. Community organization, administrative practices, legal aspects, recruiting, selecting leaders, personnel practices, and public relations.

511 Therapeutic Recreation Practices and Services. (3) II. Prerequisite: instructor approval. Terminology and programming in a therapeutic setting. Modification of leadership techniques and activities adaptation for the ill and handicapped. Field trips to observe programs.

512 Management of Therapeutic Recreation Services. (3) I. The focus is on management concepts as applied to the delivery of therapeutic recreation services and includes: documentation, activity analysis, charting, assessment, liability and legislation. Competencies are developed in marketing for exceptional groups, leisure counseling, and administration.

518 Recreation Environmental Education Programs. (3) A. Prerequisite: REC 216 or instructor approval. Philosophy, policies, and procedures of organizing and conducting school-centered environmental education programs. Emphasis is placed on program services which are year-round, including resident outdoor schools and day services provided by recreation and environmental agencies for school groups. A supervised practical experience is required.

521 Camp Administration. (3) A. Prerequisite: REC 201 or instructor approval. Camp organization, business management, staffing, and program administration for different types of camps. Selection and development of campsites. A supervised practical experience is required.

590 Special Topics. (1-3) A. Identification and study of specialized techniques in recreation leadership, activity skills, operational methods, and services. May be retaken under different workshop title.

GRADUATE COURSES

701 Recreation and Park Administration. (3) I, II.

711 Therapeutic Recreation Practices and Services. (3) II.

712 Management of Therapeutic Recreation Services. (3) I.

716 Recreation Environmental Education Programs. (3) A.

721 Camp Administration. (3) A.

790 Special Topics. (1-3) A.

800 Research in Physical Education Recreation. (3) II.

809 Independent Study. (1-3) A.

815 Practicum in Recreation. (1-3) A.

825 Philosophy and Trends in Recreation and Leisure. (3) I.

830 Outdoor Recreation Resources and Programs. (3) A.

840 Administrative Processes and Practices. (3) II.

845 Seminar: Problems in Recreation. (1-4) A.

897 Thesis. (6) A.
The College of Law Enforcement at Eastern Kentucky University is one of the largest of its type in the United States and is one of the nine colleges that comprise the academic structure of the University. Within the College are the Departments of Correctional Services, Loss Prevention and Safety, and Police Studies. The College of Law Enforcement exists in response to a changing, dynamic society which demands qualified professional, well educated personnel. The College endeavors to meet this demand within the threefold purpose of the University—teaching, research, and service. Certificate, associate, baccalaureate, and master's degree programs are offered by the College of Law Enforcement. In addition, a joint doctoral degree in education is offered in cooperation with the University of Kentucky with degrees awarded by the University of Kentucky.

The College is committed to a career ladder concept by providing opportunities for students enrolled in or completing associate degree programs to transfer to a corresponding baccalaureate (four-year) program within the same department with little or no loss of credit. All departments in the College are housed in the Stratton Building, an outstanding and unique facility which is part of the Robert R. Martin Law Enforcement, Fire Science, and Traffic Safety Center. The building includes a 354-seat auditorium, two physical conditioning areas, a cafeteria, the Law Enforcement Library with over 20,000 holdings, and a training tank for underwater rescue and recovery training. The center also features a seven-acre driving range and a 5.7 acre lake for aquatic safety, underwater rescue, and salvage training.

PURPOSES OF THE COLLEGE
Each program in the College provides students with an interdisciplinary education that is applied to a specific area of study. The purposes of these programs are:
1. To prepare citizens for productive citizenship roles;
2. To prepare personnel for positions in the private and public safety sectors of society;
3. To prepare personnel for teaching in one of the fields within each departmental area;
4. To conduct research in the broad areas contained within each departmental program; and
5. To provide service programs pertinent to the broad areas contained within each departmental program.

RESEARCH AND SERVICE
The College is involved in a variety of research and service activities for governmental agencies, public institutions, and private enterprise. Through the College, services such as direct training, competency based curriculum development, job task analysis, instructional media production, conferences, and seminars are available to public and private agencies. Individual faculty also serve as consultants and do research for a variety of organizations and frequently provide lectures for operational programs, professional workshops, and professional conferences.

EXTENDED PROGRAMS
The College conducts extended campus classes throughout the central Kentucky area, including Fort Knox, Louisville, and Bowling Green. Such offerings make programs available to various agencies and military personnel.

FOUR-YEAR DEGREE PROGRAMS
The College offers baccalaureate programs in corrections and juvenile services, fire and safety engineering technology, police administration, and security and loss prevention.

Program Options
The fire and safety engineering technology program has options in fire and arson investigation, fire protection administration, fire protection engineering technology, and industrial risk management. Options in computer and information security, loss prevention management, loss prevention and control, and general loss prevention are available through the security and loss prevention program.

TWO-YEAR DEGREE PROGRAMS
At the associate degree level, the College offers programs in business and industrial security, corrections and juvenile services, fire and safety engineering technology, and police administration.

MINORS
The following minors are available through the various programs in the College: corrections and juvenile services, fire and safety engineering technology, police administration, security and loss prevention, social justice, and traffic safety.

CERTIFICATES AND ENDORSEMENTS
The College offers a certificate program in adult corrections and a certificate of competency in fire and safety engineering technology. The Emergency Medical Treatment I course satisfies the prerequisite requirements for the Kentucky Cabinet for Human Resources Basic Emergency Medical Technician Certification. The
College also offers a driver education endorsement for any secondary teaching major.

ADMISSION TO THE COLLEGE
Students seeking admission to the College of Law Enforcement must meet general University requirements and should indicate their intention to major in a program of the College.
After being admitted to the College, a student will be assigned a faculty advisor who will assist in selecting the proper courses leading to the desired degree.

FINANCIAL ASSISTANCE
Students in the College of Law Enforcement are eligible for financial aid in the form of scholarships, loans, grants, and employment, as are all other students in the University. If interested, students should contact the Division of Student Financial Assistance.

COURSE NUMBERING
Courses numbered 100 are freshman level; 200 are sophomore level; 300 are junior level; and 400 are senior level. Courses numbered in the 500/700 series are open to seniors and graduate students who meet course and program prerequisites. The 500 level courses are for seniors while the 700 level courses are reserved for graduate students. Additional appropriate experiences are required of all graduate students enrolled in the same course with undergraduates. Students who have previously taken the undergraduate counterpart of these courses at the 500 level will not be permitted to enroll for graduate level credit in the 700 level counterpart. Courses numbered in the 800 series are open only to graduate students.

COURSE AND PROGRAM PREREQUISITES
Students are urged to review carefully all course and program prerequisites before scheduling courses. Prerequisites are necessary for the maintenance of quality teaching standards and must be observed. Failure to do so may result in the student's mandatory withdrawal from the course.

Note that students majoring or minoring in programs offered by the Department of Police Studies may not take 200 level or higher PAD courses until:
1. a passing grade is earned in any required developmental English or Reading courses and
2. a grade of "C" or better is earned in PAD 101 and 103 if required.

DEGREE REQUIREMENTS
General University requirements described beginning on page 23 in Part Three of this Catalog, as well as specific course requirements set forth in the description of curricula, must be met by students completing associate and baccalaureate programs administered by the College of Law Enforcement. See the program descriptions under each department for specific major and minor requirements. Common to all programs is the Academic Orientation (LEO 100) course of the College of Law Enforcement.

APPLICATION FOR PLANNED CURRICULUM
Upon completion of 12 hours toward the associate degree or 60 hours toward the baccalaureate degree, the student must go to the Office of the Dean to initiate a planned curriculum (which specifies the remaining graduation requirements). Any subsequent change in the planned curriculum must be proposed by the student on forms available from the Office of the Dean. Students must have a signed planned curriculum prior to applying for graduation. Any change of planned curriculum which is processed during the semester in which a student intends to graduate will defer that student's application for graduation until the next semester. On occasion a student's planned curriculum may contain an error; regardless, the student must complete all University requirements. The planned curriculum is only a guide; it is not binding.
The Catalog to be used in completing the planned curriculum is determined by the following. For general education requirements, a student is governed by the catalog in use at the time the student enters the University. For major program requirements, full-time students use the catalog in force when they declare a major; part-time students use the one in force when they sign a planned curriculum. However, a student may choose to use the current catalog. If a student's enrollment is interrupted for more than one year, the student is governed by the Catalog in force when the student is readmitted.

APPLICATION FOR GRADUATION
It is the student's responsibility to file an application for graduation in the Office of the Dean no later than April 30 for December graduation and no later than October 31 for either May or August graduation. It is the student's responsibility to plan and register for the proper courses and to meet all graduation requirements.

GRADUATE PROGRAMS
The College of Law Enforcement offers course work leading to two Master of Science degrees: (1) in criminal justice with options in corrections and juvenile services, general studies, and police administration and (2) in loss prevention and safety. A joint doctoral degree in education is also offered in cooperation with the University of Kentucky with degrees awarded by the University of Kentucky. These graduate programs are designed to prepare students to enter supervisory and management positions, to facilitate a career in research and planning, and to serve as a basis for further academic study.
Graduate courses offered by the College of Law Enforcement are listed as Criminal Justice (CRJ) and Loss Prevention and Safety (LPS), with the exception of TRS 788. The graduate courses for the Master of Science degrees from the College of Law Enforcement are listed below in the section titled "College of Law Enforcement Courses."
A detailed description of the Master of Science programs are presented in the Graduate Catalog.

Undergraduate Admission to Graduate Studies
An undergraduate student who needs nine or fewer credit hours in one semester (three or fewer credit hours in one summer session) to complete all requirements for a baccalaureate degree at an accredited institution may be allowed to register for graduate credit work under the conditions outlined in the Graduate Catalog.

Undergraduate Honors Admission to Graduate Studies
An Eastern undergraduate student who needs 30 or fewer credit hours to complete all of the requirements of the baccalaureate degree may be considered for undergraduate honors admission to the Graduate School to enroll in graduate course work or be considered for special provisional admission to a graduate degree program. See the Graduate Catalog for details on undergraduate honors admission.

RECRUITMENT, EMPLOYMENT, AND ALUMNI CONNECTION
Students in the College of Law Enforcement are provided a variety of services through the Recruitment, Employment, and Alumni Connection (REAC). REAC is responsible for coordinating
College efforts in student recruitment, maintaining employment listings, and facilitating Alumni Chapter activities. This support is provided by graduate assistants who maintain an office in the Stratton Building. All students are encouraged to utilize these support services when making their choice of program, while enrolled as students in the College, and as alumni.

COLLEGE OF LAW ENFORCEMENT COURSES

Course Descriptions

LEO—Law Enforcement Orientation

100 Academic Orientation. (1) I. An orientation to university academic life and career planning and preparation. Topics include University policies and procedures, program requirements, career opportunities and introductory study skills. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

CRJ—Criminal Justice

550 Advanced Criminal Justice Administration. (3) A. An analysis of elements within the criminal justice system, interactional processes with each element and between the criminal justice system and other social systems.

GRADUATE COURSES

CRJ—Criminal Justice

760 Advanced Criminal Justice Administration. (3) A.
810 Advanced Police Administration. (3) A.
811 Applied Study in Police Administration. (3) A.
812 Police Human Resource Development. (3) A.
813 Analysis of Police Operations. (3) A.
820 Seminar in Juvenile Justice. (3) A.
821 Applied Study in Juvenile Justice. (3) A.
830 Seminar in Criminology and Corrections. (3) A.
831 Applied Study in Corrections. (3) A.
835 Correctional Administration. (3) A.
839 Cooperative Study in Criminal Justice. (1-6) A.
840 Special Problems in Criminal Law. (3) A.
846 Legal Issues in Criminal Justice Administration. (3) A.
856 Legal and Ethical Issues in Corrections. (3) A.
857 Criminal Justice Planning. (3) A.
865 Law and the Juvenile Justice System. (3) A.
870 Theories of Criminology and Delinquency. (3) A.
875 Crime and Public Policy. (3) A.
898 Research Methodology in Criminal Justice Systems. (3) A.
890 Topical Seminar in Criminal Justice. (1-3) A.
897 Independent Study in Criminal Justice. (3, 6) A.
898 Thesis I. (3) A.
899 Theses II. (3) A.

LPS—Loss Prevention and Safety

815 Loss Prevention Administration. (3) A.
822 Workers Compensation Labor Law. (3) A.
826 Emergency Preparedness Response. (3) A.
827 Issues in Security Management. (3) A.
828 Industrial Safety Management. (3) A.
829 Public Emergency Services. (3) A.
833 Legislation and Legal Compliance. (3) A.
839 Cooperative Study. (1-6) A.
841 Applied Study in Loss Prevention. (3) A.
845 Personal and Environmental Hazards. (3) A.
855 Loss Prevention Auditing. (3) A.
880 Loss Prevention Research Planning. (3) A.
890 Topical Seminar: __________ (1-3) A.
897 Independent Study. (3) A.
898 Thesis. (3-6) A.

TRS—Traffic Safety

788 Laboratory Instruction Programs in Driver and Traffic Safety. (3) A.

DEPARTMENT OF CORRECTIONAL SERVICES

C. Reedy, Chair; J. Fox, Reed, R. Snarr, Wachtel, Wilson, Wolford.

The Department of Correctional Services offers a multidisciplinary study of crime and social control by criminal justice and juvenile services agencies. Course offerings also include emphasis on human services and management roles. Through theoretical orientations and practical experience, students are prepared for careers in court services, correctional institutions, community-based programs for adults and juveniles, and related professional areas.

It is expected that graduates will be:
1. knowledgeable of the theoretical, historical, and legal roots of contemporary interventions;
2. able to exhibit relevant interpersonal skills;
3. knowledgeable of organizational, operational, and political variations among correctional and juvenile agencies; and
4. able to demonstrate an understanding of relevant research.

Corrections and Juvenile Services

MAJOR (BACHELOR OF SCIENCE)

Major Requirements ................................................36 hours
COR 101, 120, 220, 250, 311, 312, 315, 330, 388, 423, 440, and 450.

Supporting Course Requirements ................................12 hours
PSY 202; PSY 300, 308, 314, or 405; SOC 131; three hours upper division sociology or SWK 210.

General Education Requirements ................................46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ...........................................9 hours
LEO 100; eight hours of restricted electives.

Free Electives or Minor .............................................25 hours
Students may choose elective courses or a minor area of study. Suggested minors are: police administration, psychology, social justice, social welfare, or sociology.

Total Curriculum Requirements .................................128 hours

MINOR IN CORRECTIONS AND JUVENILE SERVICES

A student may minor in corrections and juvenile services by completing COR 101, 120, 250, and nine hours upper division COR electives. A maximum of three hours may be selected from COR 349, 470, or 471.
Corrections and Juvenile Services

ASSOCIATE OF ARTS

Major Requirements .................................................. 21 hours 
COR 101, 120, 220, 250, 311, 315, and 330.

Supporting Course Requirements ................................ 37 hours 
LEO 100*, PSY 202, SOC 131, six hours of English composition*, six hours general education humanities*, six hours general education social science*, six hours general education natural science*, CPR 180*, 282*, and four hours restricted electives.

Free Electives ......................................................... 6 hours
Total Curriculum Requirements .................................... 64 hours

CERTIFICATE IN ADULT CORRECTIONS

The certificate in adult corrections is designed to meet the immediate educational needs of those employed in adult correctional institutions. The program will provide professional development in areas of corrections related directly to the requirements for job performance in a variety of related positions. The certificate in adult corrections may be earned by completing COR 101, 120, 220, 250, 315, and 320.

Total Curriculum Requirements .................................... 18 hours

Course Descriptions

COR—Correctional Services

100 Survey of Criminal Justice Systems. (1) A. Examination of police, courts, probation, correctional institutions, and juvenile justice at the local, state, and national levels. Study of organization, staffing, service delivery systems, and funding base; exploration of career opportunities. May not be taken for credit by students who have completed COR or PAD courses.

101 Criminal Justice in a Democracy. (3) A. Cross listed as PAD 101. A general overview of the criminal justice system including a description of the major agencies: police, prosecution, courts, and corrections, and an analysis of their interdependence in the criminal justice process. Credit will not be awarded to students who have credit for PAD 101.

120 Introduction to Corrections. (3) A. An introduction to the processes, procedures, and issues in modern corrections. Evolution of the various elements of the juvenile and adult corrections systems.

205 Public Issues in Corrections. (1-3) A. Examination of issues in corrections and juvenile services which have significant social impact. May be repeated to a maximum of six hours on different topics.

220 Juvenile and Adult Facilities. (3) A. Prerequisite: COR 120. Facilities, programs, and procedures for detention and incarceration; variations based on age, sex, and offense of residents; social structure of the population; humane control and treatment; standards for evaluating facilities.

250 Helping Relationships in Corrections. (3) A. Prerequisite: COR 120. Introduction to the issues, procedures, and treatment methods for juvenile and adult programs.

311 Delinquency and the Juvenile Justice System. (3) A. Cross listed as PAD 311. Examines the meaning and causes of delinquency; focuses on the juvenile justice system with special emphasis on juvenile services. Credit will not be awarded to students who have credit for PAD 311.

312 Family Court Procedures. (3) A. Study of family court procedures and processes, intake, case investigation, types of cases, court demeanor and testimony, state statutes, agency policy.

315 Legal Issues in Corrections. (3) A. An overview of court decisions related to corrections. Study of current legal issues and their impact on adult and juvenile procedures.

320 Workshop. (1-6) A. The workshop is designed primarily for in-service personnel and will focus on current problems, issues, and strategies in providing effective services. May be repeated to a maximum of six hours.

330 Community Corrections. (3) A. History and philosophy of probation, aftercare, parole, and other community programs for juvenile and adult clients; function and operation of parole authorities; statutory authorization; case law; current trends.

345 Women, Crime, and Criminal Justice. (3) A. Cross listed as PAD 345. Review of contemporary issues in female criminality and victimization; analysis of how the women's movement and affirmative action have affected the role of both male and female professionals in criminal justice. Credit will not be awarded to students who have credit for PAD 345.

349 Cooperative Study in Corrections and Juvenile Services. (1-8) A. Prerequisite: departmental approval. Work, under faculty and field supervisors, in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; fifteen, baccalaureate (see note). Minimum 80 hours work required for each academic credit.

388 Research in Corrections. (3) A. Overview of significant research in corrections and juvenile services; emphasis upon applicability to delivery of services; study of processes of locating and analyzing the relevant body of knowledge; examination and evaluation of methodologies employed.

400 Applied Criminal Justice Statistics. (3) A. Cross listed as PAD 400. Statistical concepts and procedures for the treatment of criminal justice data. Includes: mathematical operations, descriptive statistics, nonparametric and parametric methods, correlation, and hypothesis testing. Credit will not be awarded to students who have credit for ECC 220 or ECO B24 or EPY 842 or HEA 450 or PAD 400 or PSY 291 or STA 208 or STA 209 or STA 210 or STA 270.

423 Topical Seminar: (3) A. Prerequisites: junior standing and departmental approval. Intensive study of selected topics related to corrections and juvenile justice. May be repeated to a maximum of nine hours on different topics.

440 Correctional Administration. (3) A. Concepts of management as applied to adult and juvenile corrections systems. Special emphasis upon organizational structure, planning, decision making, and directing.

450 Correctional Helping Skills. (3) A. Prerequisite: COR 250. Treatment techniques and processes in adult and juvenile corrections. Emphasis on skill development in interviewing, group processes, and crisis intervention techniques.

460 Independent Study. (1-6) A. Prerequisite: departmental approval. Individual study and/or research on a problem pertaining to correctional services. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

470 Field Experience in Corrections. (3-15) A. Prerequisite: instructor approval. Field services training designed to broaden the educational experience through appropriate observational and work assignments in governmental and private agencies; correlation of theoretical knowledge with practice in participating agencies. May be repeated to a maximum of 15 hours. (See note).

471 Field Experience in Juvenile Services. (3-15) A. Prerequisite: instructor approval. Field services training designed to broaden the educational experience through appropriate observational and work assignment in governmental and private agencies; correlation of theoretical knowledge with practice in participating agencies. May be repeated to a maximum of 15 hours. (See note).

NOTE: A maximum of 15 hours credit earned in Cooperative Study and Field Experience, singularly or combined, may be applied toward graduation.

DEPARTMENT OF 

LOSS PREVENTION 

AND SAFETY

B. Tillett, Chair; Browne, L. Collins, P. Collins, Hopkins, Jones, Mann, Ochs, Schneid, Spain.

The Department of Loss Prevention and Safety offers undergraduate programs in fire and safety engineering technology, security and loss prevention, and traffic safety and a graduate program in loss prevention and safety. At the associate degree level, the department offers programs in business and industrial security and fire and safety engineering technology. Baccalaureate level programs are offered in security and loss prevention and fire and safety engineering technology. Minors are available in security and loss prevention, fire and safety engineering technology, and traffic safety. A Master of Science degree is available in loss prevention and safety (see Graduate Catalog for details.)

FIRE AND SAFETY ENGINEERING 

TECHNOLOGY PROGRAM

R. Hopkins, Program Coordinator

Areas of study include life safety and life support; fire prevention, suppression and investigation; fire service administration; industrial loss prevention; industrial risk management; fire protection engineering; and occupational safety and health.
Fire and Safety Engineering Technology

MAJOR (BACHELOR OF SCIENCE)

Major Requirements ................................................................. 41-48 hours
Core Requirements ................................................................. 25 hours
FSE 100, 101, 120, 201, 221, 223, 225, and 350; four hours from 349, 489, or 499; three hours advisor approved FSE electives.

Options
- Fire and Arson Investigation .................................................. 16 hours
  FSE 223, 320, 350, 450, and 499.
- Fire Protection Administration .............................................. 18 hours
  FSE 223, 320, 350, 360, 400, and 450.
- Fire Protection Engineering Technology ................................... 20 hours
  FSE 201, 221, 322, 360, 410, 412, and 499. (See note)
- Industrial Risk Management .................................................... 23 hours
  FSE 201, 221, 301, 320, 322, 410, and 412.

Supporting Course Requirements ............................................. 26-37 hours
- Fire and Arson Investigation ................................................. 29-30 hours
  CHE 101 or 111; CHE 102 or 112; FOR 301, SLP (375, PAD 204, 216, 316, 416); and ENG 300.
- Fire Protection Administration ............................................. 29-30 hours
  CHE 101 or 111; CHE 102 or 112; ACC 550 or POL 377; VIT 364, POL 376, PSY 202, SLP 465, TRS 233, and ENG 300.
- Fire Protection Engineering Technology ................................... 36-37 hours
  CHE 101 or 111; CHE 102 or 112; TEC 190 or ENG 300; PHY 201, 202, 375, MAT 124, 224, and EHS 340. (See note)
- Industrial Risk Management .................................................. 26-27 hours
  CHE 101 or 111; CHE 102 or 112; SLP 110; SLP 210 or 465; INS 370, 372, or 378; EHS 340, ENG 300, and TRS 332.

General Education Requirements ............................................. 37 hours
- Standard General Education program, excluding course categories 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.
- University Requirements ...................................................... 9 hours
  LEO 100; eight hours of restricted electives.
- Free Electives ......................................................................... 0-12 hours
- Total Curriculum Requirements .............................................. 128 hours

NOTE: This option (fire protection engineering technology) does not list sufficient upper division hours to satisfy University requirements. Students should select courses in General Education requirements to satisfy upper division hours.

MINOR IN FIRE AND SAFETY ENGINEERING TECHNOLOGY

The courses required to complete a minor in fire and safety engineering technology include: FSE 100, 120, and 12 hours of FSE electives. Nine hours must be upper division.

Fire and Safety Engineering Technology

ASSOCIATE OF ARTS

Major Requirements ................................................................. 30 hours
FSE 100, 101, 120, 201, 221, 223, 225, and nine hours of electives selected from fire protection engineering technology with advisor approval.

Supporting Course Requirements ............................................. 22 hours
- LEO 100, six hours of English composition; three hours general education humanities; three hours general education social science; three hours general education natural science; HPR 180, 282, and four hours restricted electives.

Free Electives ........................................................................... 12 hours
Total Curriculum Requirements .............................................. 64 hours

FIRE AND SAFETY ENGINEERING TECHNOLOGY, CERTIFICATE OF COMPETENCY

The courses required to complete the certificate of competency in fire and safety engineering technology include: FSE 100, 101, 120, 201, 221, 223, 225, 350, and 360 or 489.

Total Curriculum Requirements .............................................. 33-34 hours

BASIC EMERGENCY MEDICAL TECHNICIAN CERTIFICATION

Meets the Kentucky Cabinet for Human Resources certification requirement: FSE 301.

Total Curriculum Requirements .............................................. 5 hours

Course Descriptions

FSE—Fire and Safety Engineering Technology

100 Introduction to Fire Protection Technology. (3) A. Historical and philosophical discussion with review of the life and property conservation functions of federal, state, municipal, and private agencies. Study of legislation, contemporary and future problems, career opportunities, and public fire safety education programs.

101 Fire Prevention Codes and Standards. (3) A. Organization and function of fire prevention programs. Introduction to building codes, fire prevention codes, inspection, surveying, and mapping procedures; engineering solutions for fire hazards; enforcement problems.

120 Chemistry of Fire and Fire Behavior. (3) A. Chemical and physical properties of combustibles; fundamentals of fire investigation; determining point of origin; recognition of ignition sources; residuals of pyrolysis.

201 Designing Building Fire Safety. (3) A. A systems approach to designing building fire safety; the role of design in providing fire safety. The Life Safety Code, the function of and testing ofrated building components, evaluating plans for code compliance.

221 Fire Control I. (3) A. Prerequisite: FSE 120 or advisor approval. Introduction to fire protection systems and their relationship to control and extinguishment. Study of extinguishing agents and their application. Concentration on fixed and portable carbon dioxide, dry chemical, dry powder, foam, and halogenated systems.

223 Fire Control Tactics and Strategy. (3) A. Prerequisite: FSE 101. Fire ground decisions, tactics, and operations. Decision making for organizing and operating fire control forces such as manpower, apparatus and equipment guidelines for mutual aid, estimating and use of available fire flow.

225 Legal Aspects of Fire and Loss Prevention Services. (3) A. A study of legislative and legal decisions relating to personnel practices, employee safety and public protection. Emphasizes the legal responsibilities, liabilities, and authority of the fire service practitioners.

301 Emergency Medical Treatment I. (5) A. Effective emergency medical care in a variety of traumatic and medical emergencies. Content developed by the Committee on Injuries of the American Medical Association. Credit will not be awarded to students who have credit for EMC 110.
305 Hazardous Materials. (3) A. Study of hazardous materials in transportation, storage, and usage. Chemical properties of hazardous materials relating to specific reaction, engineering controls, emergency planning, combating, coordinating, and controlling a hazardous materials incident.

310 National Electrical Code. (3) A. Study of the National Electrical Code as it relates to fire and life safety. An emphasis is placed on special occupancies and special conditions as utilized in the inspection process.

320 Emergency and Loss Prevention Services Management. (3) A. Cross listed as SLP 320. An overview of organizational, administrative, and management practices in loss prevention and emergency services. Emphasis on supervision and leadership styles, motivation, morale, and organizational behavior. Credit will not be awarded to students who have credit for SLP 320.

322 Fire Control II. (3) A. Prerequisite: FSE 120, 201, or advisor approval. Study of sprinkler systems, automatic fire detection systems, and municipal fire alarm systems.

349 Cooperative Study. (1-8) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

350 Arson Investigation. (3) A. Detection of arson and associated crimes; interviewing techniques; preparing for court; coordination of arson investigation with other public and private agencies.

360 Water Supply for Fire Protection. (3) A. Prerequisite: a college algebra course. Water at rest and in motion, Bernoulli's and Pascal's theory; water distribution systems, pumps, velocity, discharge friction loss, pump and nozzle pressures required for fire protection. Theory followed by practical application.

400 Fire Service Management. (3) A. A study of environmental management with emphasis on the planning, organizing, and evaluation of contemporary fire protection within the framework of developing specifications for equipment, apparatus and facilities, and developing standard operating procedures for training programs, employee selection and promotion procedures.

410 Fire Prevention and Occupational Safety. (3) A. Implementation of loss prevention techniques and programs. Fire and Safety regulations; compliance with building codes and ordinances; insurance; relationship of occupational safety to fire prevention; economics of employee and property conservation.

412 Occupational and System Safety Management. (3) A. Prerequisite: FSE 410 or instructor approval. Principles and concepts of safety management and system safety. The relationship of safety law, employee management roles, ergonomics, psychological factors in safety motivation, safety reporting systems, risk analysis and identification and research of safety problems.

450 Explosive Materials and Devices. (3) A. A study of the classification and characteristics of explosive materials. The development of bomb safety plans, search plans, operation of homemade devices, evidence and bomb scene preservation.

489 Topical Seminar. (1-3) A. Prerequisite: instructor approval. Development and presentation of research in contemporary methods, techniques, and devices in the field. May be retaken under different topics to a maximum of 12 hours.

499 Practicum. (1-12) A. Prerequisite: departmental approval. Supervised field observation, research and/or experience.

OSH—Occupational Safety and Health Technology


362 Occupational Health and Safety Laws. (3) II. The purposes, rules, and regulations of the William-Steigers and the Kentucky Occupational Health and Safety Acts. Also, other related occupational health and safety rules and regulations.

366 Safety Controls and Analysis. (3) A. Management practices and principles as they apply to accident prevention, control, analysis, and evaluation. Current laws, legislation, certification, and professional ethics.

Security and Loss Prevention MAJOR (BACHELOR OF SCIENCE)

Major Requirements .............................................48 hours
Core Requirements ............................................30 hours
SLP 110, 210, 225, 320, 333, 395, 465, three hours upper division SLP electives, and six hours SLP 435.

Options .....................................................................18 hours
Computer and Information Security
CIS 250, 355, 380, 435, 480, and SLP 438.

Loss Prevention Management
ACC 201, 202, ECO 220, 231, FIN 300, and three hours upper division business electives.

Loss Prevention and Control
CHE 101 or 111; MAT 107, PHY 131, and FSE 120; FSE 221 or 360.

General Loss Prevention
FSE 221, 410, GBU 204, ACS 300, INS 378, and PSY 202.

Supporting Course Requirements .........................18 hours
Computer and Information Security
FSE 221, INS 378, GBU 204, ACC 201, CIS 212, and 230.

Loss Prevention Management
CIS 212, 230, FSE 221, INS 378, GBU 204, and ACS 300.

Loss Prevention and Control
INS 378, CIS 212, EHS 340, FSE 305, 410, and 412.

General Loss Prevention
Advisor approved 18 hour supporting minor.

General Education Requirements .......................46 hours
Standard General Education Program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .....................................9 hours
LEO 100; eight hours of restricted electives.

Free Electives ......................................................7 hours
Total Curriculum Requirements .........................128 hours

NOTE: Sufficient upper division hours to satisfy University requirements are not listed for each option. Students should select courses in General Education requirements and/or free electives to satisfy upper division hours.

MINOR IN SECURITY AND LOSS PREVENTION
A student may minor in security and loss prevention by completing a minimum of 18 semester hours as follows: SLP 110, 210, 333, 395, 435, and three hours of upper division security and loss prevention electives.

Business and Industrial Security ASSOCIATE OF ARTS

Major Requirements ......................................21 hours
SLP 110, 210, 225, 320, 333, 395, and 435.

Supporting Course Requirements .....................36 hours
LEO 100*, ACC 201, and FSE 301; PSY 201 or 202; six hours of English composition*, three hours general education humanities*, six hours general education social science*, three hours general education natural science*, HPR 180*, 282*, and four hours restricted electives.

Free Electives ...................................................7 hours
Total Curriculum Requirements .....................64 hours

SECURITY AND LOSS PREVENTION PROGRAM
P. Collins, Program Coordinator

The security and loss prevention program includes a two year Associate of Arts degree in business and industrial security, and a Bachelor of Science degree in security and loss prevention. The Associate of Arts degree in business and industrial security is designed to prepare students for supervisory positions in security and loss prevention in both the private and public sector. The Bachelor of Science in security and loss prevention provides a broad and balanced interdisciplinary program of study that will serve to produce an individual who has the capacity to function in a broad range of managerial positions in loss prevention and control.
Course Descriptions
SLP—Security and Loss Prevention
110 Introduction to Security. (3) A. The role of security, its application, and the security individual in modern society including an overview of the administration, personnel and physical aspects of the security field.
210 Security Technology and Hardware. (3) A. An in-depth analysis and hands-on application of security hardware and technology; locks, security storage containers, electronic alarm devices, and alarm systems.
225 Legal Aspects of Fire and Loss Prevention Services. (3) A. A study and examination of criminal and civil law as applied to private security functions and practices. Emphasizes the legal responsibilities, authority, and liabilities, of private security personnel.
320 Emergency and Loss Prevention Services Management. (3) A. Cross listed as FSE 320. An overview of organizational, administrative, and management practices in loss prevention and emergency services. Emphasis on supervision and leadership styles; motivation, morale, and organizational behavior. Credit will not be awarded to students who have credit for FSE 320.
325 White Collar Crime. (3) A. Cross listed as PAD 325. A review and analysis of the upper world crimes of business and government committed in the course of legitimate occupations and financial activities. Credit will not be awarded to students who have credit for PAD 325.
333 Comparative Security Programs. (3) A. Prerequisite: SLP 225 or instructor approval. Study of security problems and practices in specific areas. Topical subjects would be in bank, campus, hospital and transportation security programs, etc.
349 Cooperative Study. (1-8) A. Prerequisite: departmental approval. Work, under faculty and field supervisors, in placements related to academic studies. One to eight hours credit per semester. Total hours: eight associate; sixteen baccalaureate. Minimum 80 hours work required for each academic credit.
375 Terrorism/Counterterrorism. (3) A. Cross listed as PAD 375. A study of domestic, foreign, and transnational terrorism, with emphasis on the philosophical, organizational, equipment, and operations of terrorist groups. Role of law enforcement agencies in implementation of anti-terrorist measures is examined. Credit will not be awarded to students who have credit for PAD 375.
395 Industrial Security Management. (3) A. Role of the security specialist in an industrial setting. Emphasis on security management and investigative skills relative to government compliance and Department of Defense requirements. Examination of techniques, motivation, and scope of industrial espionage and information compromise.
435 Topical Security Seminar. (1-3) A. Study of specific and current security problems. For independent work, special workshop, or special topic. May be retaken to a maximum of six hours under different subtitles.
438 Computer Systems Security. (3) A. Prerequisite: instructor approval. In-depth analysis of systems security techniques for isolation, integrity, and system control measures. Emphasis on basic concepts of auditing, database analysis, communications, design and applications of systems software.
445 Field Experience. (3-12) A. Prerequisite: departmental approval. Field training is designed to broaden the educational experience through appropriate observational work assignments in cooperating agencies. May be retaken to a maximum of 12 hours.
455 Independent Study. (1-3) A. Prerequisite: departmental approval. Individual research and reading on a problem or area within the field of security after student consultation with the instructor. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours.
465 Quantitative Loss Prevention Analysis. (3) A. Concepts and procedures for quantitative loss prevention management techniques. Interpretation and application of loss prevention data and information for policy development and decision making.

TRAFFIC SAFETY INSTITUTE
R. Ochs, Program Coordinator

The primary function of the Traffic Safety Institute is to provide instruction, public service, and research in the broad area of traffic safety. The institute offers a wide range of academic courses relative to the manpower needs within the traffic safety field in both the private and public sector.

MINOR IN TRAFFIC SAFETY (NON-TEACHING)

A student may minor in Traffic Safety by completing 18 hours from the following courses: TRS 103, 232, 285, and 413; plus seven additional hours selected from TRS 100, 233, 234, 332, 349, 386, 407, 487, or 588.

DRIVER EDUCATION ENDORESEMENT

The requirements for a Driver Education Endorsement for any secondary teaching major are: TRS 285, 386, 487, and 588.

Course Descriptions
TRS—Traffic Safety
100 Trends in Loss Prevention. (1) A. Study of the development of loss prevention countermeasures to solve safety problems. Educational efforts, law enforcement activities, regulatory programs, and engineering concepts that are presently utilized to reduce accidents and injuries are reviewed.
103 Safety in Personal Transportation. (2) A. Designed to survey the basic concept of safety, including the philosophy and concept of risk, countermeasures, accident proneness and safety instruction; experiences include a personal assessment of safety-related behavior emphasizing personal forms of transportation.
232 Alcohol - Drugs: Involvement in Traffic Crashes. (3) A. Extensive investigation into traffic-related areas of alcohol and other drugs, their origin, development, use and misuse, and results of their abuse. Enforcement of driving under the influence law, chemical testing, and implied consent are examined.
233 Emergency and Defensive Driving Techniques. (3) A. Instruction for drivers in defensive driving techniques and emergency or unusual driving situations. Classroom and practice driving instruction in vehicle handling techniques.
234 Beginning Motorcycle Safety. (3) A. Designed to develop in students the necessary concepts, principles and competencies for use and protection of two-wheeled motorized vehicles including minibikes, mopeds and motorcycles. Motorcycles and helmets are provided.
285 Introduction to Driver and Traffic Safety. (3) A. Designed to provide the concepts, principles, judgment, and performance for safe, efficient use of the highway system. Exposure is provided to a multiple-phased driver education instruction program.
332 Traffic Crash Causation and Investigation. (3) A. Study of the principles of traffic accident causation and techniques used in investigation. Designed to increase the investigator’s knowledge and understanding necessary for gathering factual information through investigation as opposed to reporting traffic accidents.
340 Cooperative Education. (1-8) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Minimum of 80 hours work required for each academic credit.
386 Methods and Educational Media in Driver and Traffic Safety. (3) A. Designed to provide the competencies to organize and instruct driver education utilizing the multimedia system and the simulation system of instruction.
407 Independent Study in Driver and Traffic Safety Education. (1-6) A. Designed to give the student the opportunity to develop specific competencies by designing and conducting research in the broad area of traffic safety, or by independent reading assignments in the area of traffic safety education. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours.
413 Current Developments in Driver and Traffic Safety. (3) A. Current problems, issues, trends and developments in traffic safety are reviewed, analyzed and evaluated.
487 Behavioral Approaches to Driver and Traffic Safety. (3) A. Designed to study, analyze, and develop behavioral objectives applied to driving task instruction with study and evaluation of individualized learning approaches for programs in driver education.
491 Special Topics:—— (1-3) A. Prerequisite: instructor approval. Intensive study of selected topics in traffic and driver safety. May be retaken under different topics to a maximum of six hours.
588 Laboratory Instructional Programs in Driver and Traffic Safety. (3) A. Designed to provide the background, knowledge and competencies to instruct the laboratory phases of the multiple-car driving range and on-street instruction. Provided are experiences related to implementation and administration of such programs.

LAW ENFORCEMENT 157
DEPARTMENT OF
POLICE STUDIES

L. Gaines, Chair; Black, Cordner, Cox, Forester, B. Fox, Givan, Nixon, Potter, Southern, Tunnell.

The Department of Police Studies currently has approximately 500 majors and is one of the largest programs in the nation devoted to law enforcement education. The department offers a wide range of academic courses related to the following major objectives:
1. to provide students with an academic, ethical, and legal foundation for employment opportunities within the criminal justice field;
2. to prepare students for judicial and professional programs;
3. to conduct research in criminal justice; and
4. to provide service to individuals and organizations within the criminal justice system.

PROGRAM REQUIREMENTS AND PREREQUISITES

Students are urged to review carefully all course and program prerequisites before scheduling courses. Prerequisites are necessary for the maintenance of quality teaching standards and must be observed. Failure to do so may result in the student's mandatory withdrawal from the course.

Students enrolled in the Second Opportunity Program for the associate degree in police administration may take only those courses as described in their Second Opportunity Planned Curriculum. Students must have completed the Second Opportunity Program and have applied for graduation before declaring a baccalaureate major in police administration. A comment indicating the student's Second Opportunity GPA will be placed on the transcript of any Second Opportunity student who by virtue of this program graduates with less than a 2.0 overall GPA.

A grade of "C" or higher must be earned in each PAD course for credit toward an associate or baccalaureate major in police administration. At least 12 hours in the major must be earned at Eastern Kentucky University.

A grade of "C" or higher must be earned in each course for credit toward a minor offered by the Department of Police Studies. At least six hours in the minor must be earned at Eastern Kentucky University.

 Majors and minors may not take 200 level or higher PAD courses until:
1. a passing grade is earned in any required developmental English or reading courses and
2. a grade of "C" or better is earned in PAD 101 and 103 if required.

Minor or Option Requirements ..........................18 hours
Students may choose a minor (see note) or an option as approved by the Department of Police Studies. Options are a group of specified courses that develop a particular area of interest.

General Education Requirements .........................46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
LEO 100; eight hours of restricted electives.
Free Electives ...........................................4 hours
Total Curriculum Requirements ......................128 hours

NOTE: The courses comprising the minor field (18 hours) will be selected with the approval of the advisor and the department chair in the minor field. Students may select a minor in any related field.

MINOR IN POLICE ADMINISTRATION

A student may minor in police administration by completing a minimum of 18 semester hours of the following courses: PAD 101, 103, 216, and nine hours of upper division PAD electives.

MINOR IN SOCIAL JUSTICE

A student may minor in social justice by completing PAD 101; SOC 235 or POL 464; PAD 345, POL 345, or SOC 400; SOC 375 or SOC 313; PAD 325, 390, or 401; PAD 406 or CRJ 560. (Students majoring in police administration may not minor in social justice.)

Police Administration
ASSOCIATE OF ARTS

Major Requirements ......................................24 hours
PAD 101, 103, 204, 216, 315, 316, and six hours of PAD electives.

Supporting Course Requirements .....................37 hours
LEO 100; PSY 202, 308, or 300; SOC 131, 235, 313, or 375; POL 101, 331, or 333; three hours from courses not previously selected or from CIS 212, 230, or FOR 301; six hours of English composition*, 12 hours in general education humanities*, social science*, and natural science* with at least three hours taken from each area (general education social science courses must be from categories 09, 10, and 11 and general education natural science courses must be from categories 13 and 14; no two courses can be taken from the same category), HPR 180*, 282*, and four hours restricted electives.

Free Electives ..........................................3 hours
Total Curriculum Requirements ......................64 hours

Police Administration
MAJOR (BACHELOR OF SCIENCE)

Major Requirements ....................................39 hours
PAD 101, 103, 204, 216, 300, 315, 316, 406, 416, and 12 hours PAD electives.

Supporting Course Requirements ....................12 hours
PSY 202, 308, or 300; SOC 131, 235, 313, or 375; POL 101, 331, or 333; three hours from courses not previously selected or from CIS 212, 230, or FOR 301.

Minor or Option Requirements ........................18 hours
Students may choose a minor (see note) or an option as approved by the Department of Police Studies. Options are a group of specified courses that develop a particular area of interest.

General Education Requirements ......................46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..............................9 hours
LEO 100; eight hours of restricted electives.
Free Electives .........................................4 hours
Total Curriculum Requirements ....................128 hours

NOTE: The courses comprising the minor field (18 hours) will be selected with the approval of the advisor and the department chair in the minor field. Students may select a minor in any related field.
Course Descriptions

PAC—Police Administration

101 Criminal Justice in a Democracy. (3) A. Cross listed as COR 101. A general overview of the criminal justice system: including a description of the major agencies: police, prosecution, courts, and corrections, and an analysis of their interdependence in the criminal justice process. Credit will not be awarded to students who have credit for COR 101.

103 Foundations of Policing. (3) I, II. Overview of police functions and responsibilities at the local, state, and federal levels. Police operations are examined relative to effectiveness in crime control, delivery of services, and maintenance of order.

204 Criminal Investigation. (3) I, II. Formerly PAD 304. Fundamentals of criminal investigation, crime scene search and recording, collection and preservation of evidence, scientific aids, modus operandi, sources of information, interviews and interrogation, follow-up and case preparation.

216 Criminal Law. (3) I, II. The nature of the criminal act; the essential elements: theories of responsibility; exculpatory matters; overview of common law offenses; identification of trends in the law.

300 Criminal Justice Research. (3) I, II. Prerequisite: junior standing or instructor approval. Overview of the research process, with emphasis on finding, using, and evaluating criminal justice research. Examination of research methods appropriate to the study of crime policy and criminal justice.

301 Drugs and Crime. (3) A. An examination of the relationship between organized crime and drug trafficking: the connection between drug use and other types of crime; and a review of drug control policies.

311 Delinquency and the Juvenile Justice System. (3) A. Cross listed as COR 311. Examines the meaning and causes of delinquency; focuses on the juvenile justice system with special emphasis on juvenile services. Credit will not be awarded to students who have credit for COR 311.

315 Police Administration and Management. (3) I, II. Critically examines the theories of motivation, leadership, and organization in the police context. Police administrative and management functions studied emphasizing personnel management and organizational change.

316 Criminal Evidence. (3) I, II. Prerequisite: PAD 216 or instructor approval. Overview of criminal trial procedures; classifications of evidence; historical background or Constitutional rights; presumptions, relevance, expert testimony; testimonial privileges, hearsay, confessions; impeachment.

320 Workshop in Law Enforcement. (1-3) A. Designed primarily for in-service law enforcement personnel; focuses on current problems, issues, and strategies in law enforcement. May be retaken to a maximum of six hours credit.

325 White Collar Crime. (3) A. Cross listed as SLP 325. A review and analysis of the upper world crimes of business and government committed in the course of legitimate occupations and financial activities. Credit will not be awarded to students who have credit for SLP 325.

330 Topics in Police Studies. (1-3) A. Examination of a contemporary issue in policing including historical perspective, societal issues, present status, and future development. The police response to a specific problem is the core of this course. Course may be taken one time.

345 Women, Crime, and Criminal Justice. (3) A. Cross listed as COR 345. Review of contemporary issues in female criminality and victimization; analysis of how the women's movement and affirmative action have affected the role of both male and female professionals in criminal justice. Credit will not be awarded to students who have credit for COR 345.

349 Cooperative Study in Police Administration. (1-8) A. Prerequisite: departmental approval. Work, under faculty and field supervisors, in placements related to academic studies. One to eight hours credit per semester or summer. Total hours:

8. associate, fifteen, baccalaureate. Minimum 80 hours work required for each academic credit. A maximum of three hours of PAD 349 and 424 can be taken for the major.

350 Comparative Criminal Justice Systems. (3) A. A survey of selected world criminal justice systems including police, courts, and corrections as compared to the U.S. system.

375 Terrorism/Counterterrorism. (3) A. Cross listed as SLP 375. A study of domestic, foreign, and transnational terrorism, with emphasis on the philosophical bases, organization, equipment, and operations of terrorist groups. Role of law enforcement agencies in implementation of anti-terrorist measures is examined. Credit will not be awarded to students who have credit for SLP 375.

390 Predatory Crime and Crime Patterns. (3) A. Examination of selected crime categories including predatory street, conventional property, and sex crimes. Areas of concentration include theoretical and ecological characteristics, victim-offender relationships and crime patterns emphasizing police responses.

400 Applied Criminal Justice Statistics. (3) A. Cross listed as COR 400. Statistical concepts and procedures for the treatment of criminal justice data. Includes: mathematical operations, descriptive statistics, nonparametric and parametric methods, correlation, and hypothesis testing. Credit will not be awarded to students who have credit for COR 400 or ECO 220 or ECO 324 or EPY 842 or HEA 450 or PSY 291 or STA 208 or STA 209 or STA 210 or STA 270.

401 Organized Crime. (3) A. History, scope, and methods of control of organized crime in America. Emphasis on local, regional, and statewide control of organized crime. Cultural and social implications of the presence of organized crime are examined in depth.

406 Critical Issues in Criminal Justice. (3) I, II. Prerequisite: senior standing or instructor approval. Examination of the police and criminal justice with an emphasis on problems and trends. This course provides an analytical overview of justice and its response to the needs of society.

408 Police Computer Applications. (3) I, II. Prerequisite: CIS 212, 230, or instructor approval. Overview of police computer applications, including records systems, computer aided dispatch, management information systems, crime analysis, patrol allocation and deployment, and expert systems.

410 Human Relations in Policing. (3) A. Theoretical and practical problems and issues in the relationship between police agencies and the total community. Various police-community relations programs are outlined.

415 Police Policies and Programs. (3) I, II. Prerequisite: PAD 315, 405, or instructor approval. Examination of police administrative functions including planning, budgeting, policy development, and program evaluation. Review of contemporary police policy issues and modern programs and strategies. Assessment of reform measures and police accountability mechanisms.

416 Laws of Arrest, Search, and Seizure. (3) A. Prerequisite: PAD 316 or instructor approval. A detailed study of the laws of arrest (including the use of force), search and seizure, emphasizing the constitutional basis, historical development, statutes, and recent court decisions.

424 Field Experience. (3-12) A. Prerequisites: instructor and departmental approval. Maximum of 12 semester hours credit. Designed to broaden the educational experience through appropriate observational work assignments. (Intended for preservice students in non-sworn positions.) A maximum of three hours of PAD 424 and PAD 349 can be taken for the major.

426 Federal Criminal Law. (3) A. Prerequisite: PAD 216 and 316. An examination of the federal criminal law enforcement system with a focus on substantive offenses. In addition to specific crimes, the bases of federal jurisdiction will be studied.

450 Independent Study. (1-3) A. Prerequisite: departmental approval. Individual study and/or research on a problem relating to police studies. May be retaken to a maximum of three hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.
COLLEGE OF
NATURAL AND
MATHEMATICAL
SCIENCES
DONALD L. BATCH, DEAN

CONTENTS

Pre-Engineering Curricula ........................................ 162
Pre-Forestry Curriculum ........................................... 162
Pre-Optometry Curriculum ......................................... 163
Pre-Pharmacy Curriculum ......................................... 163
Pre-Medical Sciences Programs ................................. 163
Mathematics-Physical Science (Teaching) Program ........ 164
Science (Teaching) Program ...................................... 164
Bachelor of Individualized Studies Program ............... 165
Natural and Mathematical Sciences Courses .................. 165
Gulf Coast Research Laboratory Courses .................... 165
Biological Sciences .................................................. 166
Chemistry ................................................................... 170
Geology .................................................................... 173
Mathematics, Statistics, and Computer Science ........... 175
Natural Science ......................................................... 180
Physics and Astronomy .............................................. 180

In cooperation with other colleges of the University, the College of Natural and Mathematical Sciences strives: (1) to provide academic programs in the natural and mathematical sciences leading to master and baccalaureate degrees and to offer courses/programs to prepare students for pre-professional and professional fields; (2) to provide academic specialization for students in the teacher education programs at both the undergraduate and graduate levels; (3) to provide supporting, general education, developmental, and elective courses in the natural and mathematical sciences for all students in the University; (4) to provide academic leadership in mathematics and the sciences; (5) to provide a program of academic and career advising for students majoring in programs within the College; (6) to encourage the improvement of the teaching-learning relationship through improvement of instruction, efficient utilization of available resources, review and evaluation of academic programs, and opportunities for professional development; (7) to provide all students enrolled in courses in the natural and mathematical sciences with access to up-to-date laboratory/field equipment and computer assisted instruction on an individualized basis as an extension of natural and mathematical science courses and research efforts; (8) to encourage the development of interdisciplinary courses/programs, both inter- and intra-college in nature; (9) to engage in research to advance knowledge in the natural and mathematical sciences and to enhance the College's primary function of instruction; (10) to serve the local community, region, and the Commonwealth through public service; (11) to support and utilize the University's natural areas as sites for advancement of scientific knowledge in the ecological and environmental disciplines of the natural sciences; and (12) to cooperate with all educational institutions in disseminating information and providing mutual support in attaining the highest possible quality courses and programs in the natural and mathematical sciences.

SCIENCE LEARNING RESOURCE CENTER

The Science Learning Resource Center (SLRC), a division of the College, was established for the purpose of enhancing what the student learns in the classroom via a diverse number of innovative uses of audio-video and computer assisted instruction. Instruction is on an individualized basis and is an extension of the natural and mathematical sciences courses and research efforts. The SLRC, located in the Memorial Science Building, presently contains computer terminals, microcomputers, printers, plotter, a small science library, and multiple audio-video equipment and provides students with computer assisted instruction, computer simulations, and audio-video presentations.

DEGREES OFFERED

The College of Natural and Mathematical Sciences offers Bachelor of Arts, Bachelor of Science, and Bachelor of Individualized Studies degree programs.

The Bachelor of Arts is conferred upon students who major in chemistry and geology. The Bachelor of Science is conferred upon students who major in biology, chemistry, computer science, computer science and mathematics, earth science, environmental resources, fisheries management, forensic science, geology, mathematics, mathematics-physics-science, microbiology, physics, science, statistics, and wildlife management. The Bachelor of Individualized Studies is offered in cooperation with the College of Arts and Humanities and the College of Social and Behavioral Sciences.

APPLICATION FOR PLANNED CURRICULUM

Students should apply for a planned curriculum to the dean of the college. Students pursuing a baccalaureate degree must have completed at least 60 semester hours of course work and have been accepted by a department in the College as a major in that department before applying for a planned curriculum. The planned curriculum is prepared in consultation with a faculty advisor from the department of the student's major. Any change in the planned curriculum must be approved by the advisor, departmental chair, and the dean of the College.
The College of Natural and Mathematical Sciences cooperates with the Graduate School in presenting graduate courses and programs. The Master of Science degree is offered in biology, chemistry, geology, mathematical sciences, and physics. The College of Education offers the Master of Arts in Education degree with options in biology, chemistry, earth science, general science, mathematics, and physics. Eastern Kentucky University and the Department of Biological Sciences, in cooperation with the University of Kentucky and the School of Biological Sciences, offer the joint degree, Doctor of Philosophy. This degree is conferred by the University of Kentucky.

These programs are described in The Graduate School Catalog. Students desiring to pursue one of these programs should consult with The Graduate School and/or with the departmental chair.

COURSE NUMBERING

Courses numbered in the 500 series are open to seniors who meet course and program prerequisites. Additional appropriate experiences are required of all graduate students enrolled in courses in the 700 series. Courses numbered in the 800 series are open only to graduate students.

Pre-Engineering Curricula

There are two pre-engineering curricula offered by the College of Natural and Mathematical Sciences.

In the first curriculum, referred to as the Two-Two Curriculum, students spend two years at Eastern and study basic science, mathematics, and courses for their basic education. Students then transfer their credits to the engineering school of their choice. Students can usually graduate after two years of work at the engineering school with a degree in engineering.

TWO-TWO CURRICULUM

Major Requirements ........................................ 31 hours
PHY 201, 202, MAT 124+, 224, 225, CHE 111, and 112.
Supporting Course Requirements ...................... 9 hours
CSC 174, PHY 221, and TEC 190.
General Education Requirements .................... 21 hours
Six hours of English composition, 15 hours selected from the humanities or social sciences to satisfy general education requirements at the chosen engineering school.

University Requirements ................................. 1 hour
NMO 100.
Total Curriculum Requirements .......................... 62 hours
+ A preparatory course may be required before admission to MAT 124.

THREE-TWO CURRICULUM

In the second curriculum - the Three-Two Curriculum - students spend three years at Eastern and then take two years of work in engineering at Georgia Institute of Technology, University of Kentucky, or Auburn University and get a baccalaureate degree from Eastern in physics or chemistry and an engineering degree from the engineering school. The additional year spent at Eastern allows students to do more work in a science major, thus improving the breadth of their background.

Variations occur depending upon the engineering degree sought and the differing requirements of Georgia Institute of Technology, University of Kentucky, and Auburn University. Inquiries concerning a specific program should be addressed to the pre-engineering advisor, Department of Physics and Astronomy. A program representative of the first two years is given above. The third year curriculum will depend primarily on the undergraduate major sought, either physics or chemistry.

A third option available to a student would be to complete requirements for a baccalaureate degree in physics at Eastern and then to apply to a graduate school in engineering for admission and graduate studies. Many engineering graduate schools actively recruit physics majors who have established a good academic record (better than a "B" average). Scholarships fellowships which are awarded on a competitive basis would pay tuition and most expenses while in graduate school.

Pre-Forestry Curriculum

Arrangements made through the Southern Regional Education Board provide for students who wish to prepare as professional foresters to do the first two years of their work at Eastern Kentucky University and complete their training in two years and one summer at University of Kentucky or any other accredited school of forestry.

Students may elect a three-year program and graduate with a Bachelor of Science degree with a major in biology by transferring 30 semester hours from an accredited school of forestry.
Pre-Optometry Curriculum

Students desiring to enter the competition for admission to an optometry school must complete a minimum of three years of pre-optometry courses and a few require the student to earn a baccalaureate degree before applying. The application deadline for optometry schools is usually in December. A minimum of three years work is required in the optometry school for the Doctor of Optometry (O.D.). Some optometry schools require four years for the O.D., and several universities have graduate programs leading to the M.S. and Ph.D. degrees in addition to programs leading to the O.D.

Requirements for admission to optometry schools vary. Students wishing to enter a pre-optometry program should immediately secure transfer information from the optometry school of their choice and then consult with their pre-optometry advisor. Courses which students may take to meet requirements for admission to optometry schools should include the following.

**Major Requirements** .............................................. 32 hours
BIO 141, 211, 320, CHE 361, 362, 366, 367, PHY 131, and 132.

**Supporting Course Requirements** .......................... 18 hours
MAT 107 and 108, or MAT 109; 121, and 122; PSY 201 or 202; STA 270.

**General Education Requirements** ........................ 23 hours
CHE 111, 112, six hours of English composition, six hours of social science, HPR 180, 282.

**University Requirements** ..................................... 9 hours
NMO 100; eight hours of restricted electives.

**Total Curriculum Requirements** .......................... 82 hours

Most optometry schools have established quotas on the number of students that they will accept from each state. Because of this limitation, students must be accepted by the school of optometry and be certified as a resident of the state in which they live. Present circumstances are such that Kentucky residents will stand the best chance for acceptance at the University of Houston, the University of Alabama, and Southern College of Optometry at Memphis, which have contracts with the Commonwealth of Kentucky. Approved students are exempt from the out-of-state tuition charge at the above schools which would normally apply to Kentucky residents.

For residents in Kentucky to be accepted under the Kentucky quota, application must be made directly to one of the three contract schools listed above. A Certificate of Residence will be needed which may be secured from the Executive Director, Council on Public Higher Education, Frankfort, Kentucky 40601. Students from other states should make application to the equivalent board in their state. For further information, the student should consult with the Chair, Department of Chemistry.

---

**Pre-Pharmacy Curriculum**

Students who plan to enter the field of pharmacy may take two years of pre-pharmacy and transfer these credits to a pharmacy school. The courses listed below will meet the requirements of most pharmacy schools. Students wishing to enter the curriculum should determine the admission requirements of the pharmacy school of their choice and after consulting their pre-pharmacy advisor, determine which courses to take.

**Major Requirements** .............................................. 30 hours

**Supporting Course Requirements** .......................... 16 hours
ECO 230, MAT 121 +, PHY 131, and 132.

**General Education Requirements** ........................ 27 hours
Six hours of English composition; 21 hours towards the general education requirements at the chosen pharmacy school.

**University Requirements** ..................................... 1 hour
NMO 100.

**Total Curriculum Requirements** .......................... 74 hours

---

**Pre-Medical Sciences Preparatory Programs**

Students who have career interest in medicine, dentistry, veterinary medicine, osteopathic medicine, or podiatry may fulfill general admissions requirements of respective professional schools by pursuing one of several Bachelor of Science degree programs in the Department of Biological Sciences or the Bachelor of Arts degree program in the Department of Chemistry. Programs of study in either department will be concentrated in biology and chemistry but will be complemented with appropriate courses in the humanities, social sciences, and communications. Course work in mathematics and physics will also be required. All students having an interest in the medical field will be assigned an academic advisor who will work closely with them in planning a program of study and assist them with the process of gaining admission to the professional school of their choice.

---

**Biology MAJOR (BACHELOR OF SCIENCE)**

**Major Requirements** .............................................. 34-36 hours
BIO 131, 141, 211, 315, 320; 328 or 348; 490, 514, and two biological sciences electives at the 300-500 level. At least one field course must be included unless otherwise approved by the department chair.

**Supporting Course Requirements** .......................... 38 hours
CHE 111, 112, 361, 362, 366, 367; MAT 121 or 261 +; PHY 131, 132; PSY 201 or 202; STA 209 and 210, or 270.

**General Education Requirements** .......................... 32 hours
Standard General Education program, excluding course categories 13, 14, 15, 16, and 19. Refer to Part Three of this Catalog for details on the General Education and University requirements.

**University Requirements** ..................................... 9 hours
NMO 100; eight hours of restricted electives.

**Free Electives** .............................................. 13-15 hours
Recommended Courses: BIO 520, 546, 547, CHE 325, 570.

**Total Curriculum Requirements** .......................... 128 hours

---

NATURAL & MATHEMATICAL SCIENCES
Chemistry
MAJOR (BACHELOR OF ARTS)

Major Requirements ........................................ 30 hours
CHE 111, 112, 325, 361, 362, 366, 367, 570, and three hours of upper division chemistry electives.

Supporting Course Requirements ............................. 16 hours
MAT 121 or 261; PHY 201 and 202, or PHY 131 and 132; PSY 201 or 202.

General Education Requirements ............................ 35 hours
Standard General Education program, excluding course categories 14, 15, 16, and 19. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ....................................... 9 hours
NMO 100; eight hours of restricted electives.

Free Electives .................................................. 3 hours

Total Curriculum Requirements .............................. 128 hours

MATHEMATICS—PHYSICAL SCIENCE
(TEACHING) PROGRAM

The area of concentration in mathematics-physical science (teaching) is designed to provide students with a broad background, including sufficient depth to allow them to teach in the joint areas of mathematics and physical science. Graduates of this program may be certified by the Kentucky Department of Education to teach any of the following courses: (1) any secondary mathematics course, (2) high school chemistry, (3) high school physics, and (4) secondary courses in physical science, earth science, and integrated science.

Students in this program must complete the required courses in general education and professional education as well as a prescribed core of eighteen semester credit hours in each of the three primary areas of chemistry, mathematics, and physics. Also, the student must choose one of these primary areas in which to take a minimum of three additional credit hours of work in order to complete a certifiable minor (21 semester hours) in chemistry, mathematics, or physics.

Mathematics—Physical Science (Teaching)
AREA OF CONCENTRATION (BACHELOR OF SCIENCE)

Refer to the College of Education section of this Catalog regarding several teacher certification requirements associated with this degree program. A student must have a 2.5 GPA in each of the three disciplines included in this area (required chemistry, mathematics, and physics courses).

Area Requirements ............................................. 57 hours
CHE 111, 112, 325, and five additional hours of upper division chemistry courses for a total of 18 hours: MAT 121, 122, 214, 223, 301, and 334; PHY 201 and 202, or 131 and 132; 300; 301 or approved substitute; 306 or 308. In addition, the student must choose one of the above three disciplines to complete the requirements for a teaching minor (21 hours) in that discipline.

Teacher Education Requirements ............................ 28 hours
EDF 102, 202, 317, EPY 318; ESE 450 or 451; 498, and 499.

General Education Requirements ............................ 31 hours
Standard General Education program, excluding course categories 03, 04, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ....................................... 9 hours
NMO 100; eight hours of restricted electives.

Free Electives .................................................. 3 hours

Total Curriculum Requirements .............................. 128 hours

SCIENCE (TEACHING)

Teaching life sciences, physical sciences, or integrated science is extremely important and holds the opportunity of an exciting career for anyone with a broad interest in the sciences. The area of concentration in science (teaching) offers a convenient method to become certified to teach courses in these areas. The area of concentration in science (teaching) is designed to provide students with a general background in the areas of biology, chemistry, earth science, and physics. Students in this program must complete the required courses in general education and professional education as well as a minimum of 48 semester hours in the sciences. These 48 semester hours in the sciences must include the core requirements of 33 hours of specified courses from the fields of biology, chemistry, earth science, and physics. Also included within these 48 hours must be a minimum of 21 hours from one of the sciences in order to qualify the student for a teaching minor in that science.

A student completing the requirements for the area of concentration in science (teaching) would be certified by the Kentucky Department of Education to teach only in the major(s) (30 hours) or minor(s) (21 hours) disciplines and the integrated science class at the secondary level, and/or in the area of the major or minor and the space/earth science class at the seventh and eighth grade levels. The student may request to obtain a standard certificate for teaching science in the middle grades (grades 5-8) and thereby significantly increase employment options by adding EMG 390, EMG 445, and EMG 447 to the teacher education requirements listed below, and including BIO 211 among the courses presented to satisfy the 48 semester hour area requirement. Students should also consider a major or additional minors with the area of concentration in science.

Science (Teaching)
AREA OF CONCENTRATION (BACHELOR OF SCIENCE)

Refer to the College of Education section of this Catalog regarding several teacher certification requirements associated with this degree program.

Area Requirements ............................................. 48 hours
Core .................................................................. 33 hours

Minor .................................................................. 21 hours
The student must choose at least one minor: biology, chemistry, earth science, or physics. Consult departmental listings for minor requirements. The student must select additional hours in biology, chemistry, earth science, physics or either NAT 300 or SCI 310 to total 48 semester hours of academic credit.

Supporting Course Requirements ............................ 3 hours
MAT 107 or equivalent.

Teacher Education Requirements ............................ 28 hours
EDF 102, 202, 317, EPY 318; ESE 441 or 451; 498, and 499.

General Education Requirements ............................ 31 hours
Standard General Education program, excluding course categories 03, 13, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.
University Requirements ........................................... 9 hours  
NMO 100; eight hours of restricted electives.  
Free Electives.................................................... 9 hours  
Total Curriculum Requirements ............................. 128 hours

Individualized Studies

(BACHELOR OF INDIVIDUALIZED STUDIES)

The Bachelor of Individualized Studies degree (B.I.S.) is a degree given and administered by three colleges: The College of Arts and Humanities, the College of Natural and Mathematical Sciences, and the College of Social and Behavioral Sciences. The program will provide students with a solid liberal arts education and the flexibility to pursue a unique interdisciplinary course of study of their own planning in pursuance of specific intellectual and/or career goals. However, further for students whose interests do not coincide readily with one of the traditional majors and who have the creative and integrative abilities necessary to plan and follow their own programs. A few examples of types of programs which might be pursued are theatre management (combining drama and business), medical illustration (combining biology and art), and other area studies. Refer to the College of Arts and Humanities section of this Catalog for details regarding admission and curricular requirements.

NATURAL AND MATHEMATICAL SCIENCES COURSES

NMO—Orientation

100 Academic Orientation. (1) A. An introduction to the programs of the University and the College. Discussion of how to study, what to consider in choosing a profession, and what career opportunities exist for graduates from the College's programs. Additional topics include University regulations, publications, and support areas. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

CNM-Interdisciplinary

315 Topics in Natural Science General Education: ....... (3) A. An experimental course designed to be used for general education credit in fulfilling the requirements of course categories 15 and 16 in Area IV.

499 Independent Work. (3-6) A. Prerequisite: CUM. GPA 2.5 up to last semester of program in Bachelor of Individualized Studies degree. Independent research and/or field work required for the program of Bachelor of Individualized Studies degree. Student must have the independent study proposal form approved by the student's B.I.S. Advisory Committee.

500 Interdisciplinary Seminar: ....................... (3) A. In-depth consideration of problems which involve several disciplines. A different problem will be considered each time the course is offered. Representatives of various disciplines will participate in instruction. May be retaken a maximum of six hours.

GRADUATE COURSE

700 Interdisciplinary Seminar: ....................... (3) A.

GULF COAST RESEARCH LABORATORY COURSES (MAR)

Eastern Kentucky University is affiliated with the Gulf Coast Research Laboratory, Ocean Springs, Mississippi. This affiliation provides undergraduate and graduate students with the opportunity to take courses and conduct research in marine sciences at an established, well equipped laboratory located on the Gulf of Mexico. Students electing to study at Gulf Coast Research Laboratory do not pay out-of-state tuition.

The following courses are taught only at Gulf Coast Research Laboratory, Ocean Springs, Mississippi, during the summer. The Laboratory furnishes the staff for course work and research. Applications for the program and additional information are available in the Departments of Biological Sciences, Chemistry, and Geology and in the Division of Natural Areas.

Courses and numbers in parentheses are assigned by the Gulf Coast Research Laboratory.

MAR—Marine Sciences

342 Oceanography I: Physical, Chemical and Geological (Oceanography 251). (5) A. Prerequisite: college algebra and two semesters of inorganic chemistry. Introductory course in oceanography; integration of fundamentals of chemical, geological, and physical oceanography.

343 Oceanography II: Marine Biology (Oceanography 252). (5) A. Prerequisite: eight hours of biology. A general introduction to marine biology with emphasis on local fauna and flora.

400 Special Problems in Marine Science (Marine Science 400). (5) A. Prerequisites and credit to be set by Problem Director at the Laboratory. Supervised research on specific problems in all areas of marine science.

501 Marine Botany (Botany 341). (4) A. Prerequisites: ten hours of biology and general botany. A survey of the principal groups of marine algae and marine flowering plants; their structure, reproduction, distribution, identification, and ecology.

502 Salt Marsh Plant Ecology (Botany 441). (4) A. Prerequisites: ten hours of biology and general botany. Emphasis on the botanical aspects of local marshes. Composition, structure, distribution, and development of coastal marshes.

503 Marine Microbiology (Microbiology 452). (5) A. Prerequisite general microbiology, introduction to microorganisms of oceans and estuaries. Course work includes sampling procedures, marine bacterial taxonomy, mineralization, microbial fouling, pollution, and animal diseases.

509 Coastal Vegetation (Botany 331). (3) A. Prerequisites: ten hours of biology and general botany. A study of general and specific aspects of coastal vegetation, with emphasis on local examples.

510 Marine Invertebrate Zoology (Zoology 361). (6) A. Prerequisite: 16 hours of zoology. Concentrated study of free-living marine invertebrates of Mississippi Sound and adjacent continental shelf with emphasis on the structure, classification, phylogeny, larval development, and functional processes.

511 Marine Vertebrate Zoology and Ichthyology (Zoology 362). (6) A. Prerequisites: 16 hours of zoology and comparative anatomy. A general study of marine chordata, with emphasis on the fishes. Identification and classification of fishes stressed in laboratory.

512 Marine Fisheries Management (Zoology 442). (4) A. Prerequisites: ichthyology and fisheries biology. Practical marine fisheries management problems with emphasis on achieving optimum sustainable yield from marine resources; management methods, legal problems, and educational needs of fishing technology.

513 Behavior and Neurobiology of Marine Animals (Zoology 443). (4) A. Prerequisite: 16 hours of zoology and psychology. A survey of the behavior, neuroanatomy, and neurophysiology of selected marine animals. Emphasis on neural mechanisms underlying their behavior.

514 Parasites of Marine Animals (Zoology 461). (6) A. Prerequisite: general parasitology. Parasites of marine organisms with emphasis on morphology, taxonomy, life histories, and host-parasite relationships. Laboratory includes collecting, staining, mounting, and identification of parasites to the generic level.

515 Aquaculture (Zoology 464). (6) A. Prerequisites: general zoology and invertebrate zoology, technology, principles, and problems relating to the culture of selected marine and estuarine organisms. Laboratory and field experience for participation in organized aquaculture operations and/or research.


520 Marine Chemistry (Chemistry 461). (6) A. Prerequisites: 16 hours of chemistry and three to six hours of biology and geology. A study of chemical aspects of ocean ecosystems. Instrumentation includes gas-liquid chromatography, atomic absorption, spectrophotometry.

533 Coastal Marine Geology (Geology 431). (3) A. Prerequisite: six hours of geology. A study of inshore and nearshore geological processes, sedimentation patterns, and landform development.

541 Marine Ecology (Zoology 452). (5) A. Prerequisites: 16 hours of biology, including general botany and invertebrate zoology, and analytical chemistry. A study of the relationship of marine organisms to their environment and factors affecting their abundance and distribution.
542 Fauna and Faunistic Ecology of Tidal Marshes (Zoology 447). (4) A.
Prerequisite: 16 hours of biology. Survey and discussion of the taxonomy, distribution, trophic relationships, reproductive strategies, and adaptation of tidal marsh animals with emphasis on those occurring in northern Gulf marshes.

550 Marine Science for Teachers I: Basic Techniques (Marine Science Education 431). (3) A. Prerequisite: biology background. Designed to introduce in-service teachers to the study of marine science and to promote the teaching of marine biology at all grade levels.


GRADUATE COURSES

701 Marine Botany (Botany 341). (4) A.
702 Salt Marsh Plant Ecology (Botany 441). (4) A.
703 Marine Microbiology (Microbiology 452). (5) A.
709 Coastal Vegetation (Botany 331). (3) A.
710 Marine Invertebrate Zoology (Zoology 361). (6) A.
711 Marine Vertebrate Zoology and Ichthyology (Zoology 362). (6) A.
712 Marine Fisheries Management (Zoology 442). (4) A.
713 Behavior and Neurobiology of Marine Animals (Zoology 443). (4) A.
714 Parasites of Marine Animals (Zoology 461). (6) A.
715 Aquaculture (Zoology 464). (6) A.
716 Early Life History of Marine Fishes (Zoology 448). (4) A.
720 Marine Chemistry (Chemistry 461). (6) A.
733 Coastal Marine Geology (Geology 431). (3) A.
741 Marine Ecology (Zoology 452). (5) A.
742 Fauna and Faunistic Ecology of Tidal Marshes (Zoology 447). (4) A.
750 Marine Science for Teachers I: Basic Techniques (Marine Science Education 431). (3) A.
751 Marine Science for Teachers II: Advanced Studies (Marine Science Education 432). (3) A.
801 Special Topics in Marine Science (Marine Science 705). (1-6) A.
802 Seminar (Marine Science 510). (1) A.
804 Special Problems in Marine Science (Marine Science 700). A.

DEPARTMENT OF BIOLOGICAL SCIENCES

S. Jones, Chair; Batch, Branson, Creek, Cump, Elliott, Farrar, Frederick, Funderburk, Harley, R. Jones, Keefe, Mardon, Martin, Otero, Ramey, Ritchison, Schuster, Thompson.

The Department of Biological Sciences provides curricula for five major programs of study which fulfill the requirements for the Bachelor of Science degree: (1) biology, and biology-teaching option; (2) environmental resources; (3) fisheries management; (4) microbiology-biotechnology option; and (5) wildlife management. The curriculum for each program of study was organized for the presentation of subject matter and laboratory inquiry at three sequential levels of learning: Level I. A common core of courses dealing with organismic biology, cell biology, genetics, developmental biology, and mechanisms of integration; Level II. Courses in subject areas of biology to include: genetics, microbiology, physiology, evolution, and ecology that further emphasize the physiological aspects of organismic, molecular, cellular, and population biology; Level III. Advanced courses to develop the biological competency commensurate with the specific major being pursued. Within the diversity of courses comprising the total curriculum, the specializations of the faculty, and laboratory methodological approaches, students will be provided opportunities for studies in the development of their specific career aspirations.

Reflective of the growth in knowledge in the technology of genetic engineering such as cloning, gene splicing, potential for new biological products, the department offers an option in biotechnology as part of the microbiology program. The courses structured for the microbiology program and the option in biotechnology will provide the foundations in molecular genetics and the laboratory experience commensurate with entry level positions in the field of biotechnology. For studies beyond the bachelor's degree, the microbiology program and option, as well as all other programs offered by the department, are sufficiently structured in biology, chemistry, physics, and mathematics to prepare students for advanced studies at the M.S. and/or Ph.D. levels of education.

In concert with the needs of the state and nation to provide a cadre of professionally competent teachers, the department has organized a series of biology courses and support courses in chemistry, physics, and mathematics, which in conjunction with the professional component of courses in education, will provide students the opportunity to acquire the competency to teach at the secondary level of education. This program of study was designed to produce biologists who desire a career in teaching.

For course instruction and student research, "outdoor" laboratories are available through the University's Division of Natural Areas: Lilley Cornett Woods, Spencer-Morton Preserve, and Maywoods Environmental and Educational Laboratory. Additional opportunities for enrichment of the student's programs of study are available through the University's affiliation with Gulf Coast Research Laboratory, Ocean Springs, Mississippi, and Upper Cumberland Biological Field Station at Tech Aqua, Cookeville, Tennessee. Both the Department and the Division of Natural Areas work cooperatively to assist students in attending these laboratories for specialized courses and research in terrestrial and freshwater ecology and in marine science.

MINOR IN BIOLOGY

A student may qualify for a minor in biology by completing 21 semester hours of course work as outlined: BIO 131, 141, 211, and nine additional hours selected from those 200 through 500 level courses which are acceptable for degree programs in biology. BIO 211 specified for the minor in biology has prerequisites of CHE 111 and 112.

Students who seek a career in teaching in other major areas of the natural sciences may desire certification in biology at the level of preparation of a minor to enhance their employment opportunities. Teacher certification for a minor in biology will require 21 semester hours of course work as stipulated.

PRE-PROFESSIONAL PREPARATION

Students who have a career interest in either medicine, dentistry, veterinary medicine, osteopathic medicine, or podiatry may fulfill the general admissions requirements of respective professional schools by pursuing one of several major programs available in the Department of Biological Sciences, which will also fulfill the requirements for the Bachelor of Science degree. In addition to specific courses designated in the major, the student elect to pursue, if not included in that major, the following courses are recommended: BIO 342, 518, 520, 527, 528, 530, 531, 532, 546, 547, 549, CHE 325, 330, 361, 362, 366, 367, 370, CSC 104, 171, 172, and MAT 121 or 261 + (premedical and predental students who take the recommended courses in biology and chemistry may substitute PSY 201 for HEA 281). For specific course requirements for a major, the student is referred to the curricula for the various majors in the biological sciences.

Students may elect to complete only three years of their program of study, including all General Education requirements, and transfer the first year of academic work from an accredited school of medicine, dentistry, veterinary medicine, osteopathic medicine, or podiatry to complete the requirements for the Bachelor of Science degree. The three year program should include: BIO 131, 141, 211, 315, 320, 348, 490, 514, a biological field course, CHE 111, 112, 325, 361, 362, 366, and 367; MAT 121 or 261 + ; PHY 131, and 132.

* Preparatory course in mathematics may be required before admission to calculus.
GRADUATE PROGRAMS

The Department of Biological Sciences offers the Master of Science degree in biology and an option in applied ecology. A planned curriculum of study may be organized from a variety of courses which provide opportunities for students to develop competencies in subject matter content and a research area as to: ecology and wildlife biology, ecology of freshwater fishes and aquatic biology, ecology of forest and grassland communities, physiological ecology, animal and plant systematics, morphology, animal behavior, biochemistry and physiology of parasites, physiology and cell biology, endocrinology, microbiology, and other special interests in botany and zoology.

The Master of Arts in Education degree with an option in biology is offered in the College of Education in cooperation with the Department of Biological Sciences. The College of Education in cooperation with other natural science departments participates jointly in the offering of the Master of Arts in Education with an option in general science.

A Ph.D. program is offered through a joint participation agreement between the School of Biological Sciences at the University of Kentucky and the Department of Biological Sciences at Eastern Kentucky University. To participate in the joint Ph.D. program, the student must have completed the Master of Science degree in biology at Eastern Kentucky University. The Ph.D. degree will be conferred at the University of Kentucky.

The general requirements for admission to The Graduate School are described under that section in this Catalog, or more detailed requirements are specified in the Graduate Catalog. The Department of Biological Sciences provides specific information in a brochure: Introduction to Graduate Studies in Biology, which may be obtained upon request by prospective applicants.

Biology (Teaching)
MAJOR (BACHELOR OF SCIENCE)

Refer to the College of Education section of this Catalog regarding several teacher certification requirements associated with this degree program.

Major Requirements ..............................................34-36 hours
BIO 131, 141, 211, 315, 320; 328 or 348; 490, 514, and two electives in biology at the 300-500 level, to include a field course unless otherwise approved by the departmental chair.

Supporting Course Requirements ..............................31-37 hours
CHE 111, 112, 361, 366; 362 and 367, or 330 or 530; MAT 107, 109, 121, or 261; PHY 131, PHY 132 or GLY 108; STA 209 and 210, or 270.

Teacher Education Requirements ................................28 hours
EDF 102, 202, 317, EPI 318, ESE 441, 498, and 499.

General Education Requirements ..............................34 hours
Standard General Education program, excluding course categories 13, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ...........................................9 hours
NMO 100; eight hours of restricted electives.
Total Curriculum Requirements ................................136-144 hours

Biology
MAJOR (BACHELOR OF SCIENCE)

Major Requirements ..............................................34-36 hours
BIO 131, 141, 211, 315, 320; 328 or 348; 490, 514, and two electives in biology at the 300-500 level, to include a field course unless otherwise approved by the departmental chair.

Supporting Course Requirements ..............................35 hours
CHE 111, 112, 361, 362, 366, 367; MAT 121 or 261 +; PHY 131, 132; STA 209 and 210, or 270.

General Education Requirements ..............................34 hours
Standard General Education program, excluding course categories 13, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ...........................................9 hours
NMO 100; eight hours of restricted electives.
Total Curriculum Requirements ................................128 hours
+ Preparatory course in mathematics may be required before admission to calculus.

Environmental Resources
MAJOR (BACHELOR OF SCIENCE)

Major Requirements ..............................................35 hours
BIO 131, 141, 211, 315, 316, 320; 328 or 348; 490, 514, and one course from BIO 335, 340, 355, 381, 522, 536, 553, 558, or 599.

Supporting Course Requirements ..............................32-33 hours
CHE 111, 112; MAT 107 and 108, or 109, STA 209 and 210, or 270; 15 hours from the following groups of courses, with at least one course from each group, and at least seven hours at the 300-500 level:
- Group C—GEO 302, 321, 355, 556, PLA 220, 300.

General Education Requirements ..............................34 hours
Standard General Education program, excluding course categories 13, 14, 15, 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ...........................................9 hours
NMO 100; eight hour of restricted electives.
Total Curriculum Requirements ................................128 hours
*Chosen with advisor’s guidance

Microbiology
Biotechnology Option
MAJOR (BACHELOR OF SCIENCE)

Major Requirements ..............................................42-43 hours
Microbiology Core
BIO 131 or 141; 211, 315, 320, 328 or 348, 490, 514, 520, 527, 528, 531, and a field course unless otherwise approved by the departmental chair.

Option
Biotechnology .....................................................12 hours
BIO 530, 532, and CHE 531.

Supporting Course Requirements ..............................44 hours
CHE 111, 112, 325; 330 or 530; 361, 362, 366, 367 and 570; MAT 121 or 261 +; PHY 131 and 132.
Fisheries Management
MAJOR (BACHELOR OF SCIENCE)

Major Requirements ........................................... 56-59 hours
BIO 131, 141, 211, 315, 316, 320; 328 or 348, 490, 510, 514,
557, 558, 561, 562, 598, and two courses from BIO 335, 341,
355, 518, 524, 525, or 542.

Supporting Course Requirements .......................... 31-37 hours
CHE 111, 112, 361, and 366; MAT 107, 109, 121, or 261; STA
270, or 209 and 210; PHY 131; two courses from CHE 325; 330
or 350; 362 and 367; 570; PHY 132, or GYL 108.

General Education Requirements .......................... 34 hours
Standard General Education program, excluding course catego-
ries 13, 14, 15, and 16. Refer to Part Three of this Catalog for
details on the General Education and University requirements.

University Requirements ..................................... 9 hours
NMO 100; eight hours of restricted electives.

Total Curriculum Requirements ............................... 130-139 hours

Washington Management
MAJOR (BACHELOR OF SCIENCE)

Major Requirements ........................................... 59-62 hours
BIO 131, 141, 211, 315, 316; 320 or 342; 326 or 348; 335, 381,
382, 489, 490, 514, 553, 554, 585, and 586; one course from
BIO 355, 518, 522, 536, 556, 557, 558, 561, 562, or 599.

Supporting Course Requirements .......................... 27-33 hours
CHE 111, 112; MAT 108, 121, 124, or 261; STA 270, or 209 and
210; GYL 414 or AGR 215; three courses from CHE 330, 361
and 366; 362 and 367; 570; PHY 130 or 131, or GEQ 355, 556,
STA 271, PHY 131, or 132.

General Education Requirements .......................... 34 hours
Standard General Education program, excluding course catego-
ries 13, 14, 15, and 16. Refer to Part Three of this Catalog for
details on the General Education and University requirements.

University Requirements ..................................... 9 hours
NMO 100; eight hours of restricted electives.

Total Curriculum Requirements ............................... 129-138 hours

Course Descriptions
BIO—Biology

100 Introductory Biology. (3) I, II. The course will deal with basic introductory
principles of biology that are fundamental to an individual's knowledge, as it pertains
to the interrelationships of living organisms to the natural world. Topics to be
addressed: cellular basis of life, metabolism, genetics, biological diversity, reproduction,
ecology, and environmental biology. May not be used to satisfy area, major,
or minor requirements. Credit will not be awarded to students who have credit for

131 General Botany. (4) I, II. Structure and functions of vascular plants and
GRADUATE COURSES

710 Quantitative Biology. (3) I.
714 Evolution. (3) I.
718 Parasitology. (3) A.
720 Pathogenic Microbiology. (4) II.
721 Plant Ecology. (3) A.
722 Grasses and Grasslands. (3) I.
724 Pathology. (3) A.
725 Aquatic Plants. (3) A.
726 Plant Pathology. (3) A.
727 Immunology. (3) A.
728 Virology. (3) A.
729 Infection Control. (3) A.
730 Microbial Physiology and Genetics. (3) A.
731 Cell and Developmental Biology I. (5) A.
732 Cell and Molecular Biology II. (5) A.
736 Endocrinology. (3) I.
742 Natural History of Invertebrates. (3) A.
746 Histology. (4) II.
747 Comparative Vertebrate Embryology. (4) II.
749 Endocrinology. (3) A.
750 Animal Behavior. (4) A.
753 Mammalogy. (3) A.
754 Ornithology. (3) A.
755 Behavioral Ecology. (3) A.
756 Herpetology. (3) A.
757 Ichthyology. (3) A.
758 Limnology. (3) A.
761 Fisheries Biology. (4) A.
762 Fisheries Management. (4) A.
785 Regional Wildlife Management and Policy. (3) A.
786 Migratory and Resident Wildlife Ecology and Management. (4) II.
797 Instrumentation and Biological Methodology. (2) I.
798 Special Problems. (1-3) I, II.
799 Topics in Biological Sciences. (1-6) A.
801 Scientific Literature and Writing in Biology. (2) I.
802 Selected Topics in Biological Sciences. (1-3) A.
803 Big Game Ecology. (3) A.
806 Aquatic Entomology. (3) A.
816 Biogeography. (3) A.
821 Medical Mycology. (3) A.
839 Cooperative Study: Biology. (3-6) A.
845 Vertebrate Physiological Ecology. (3) A.
846 Population Ecology. (3) A.
848 Environmental Analysis of Aquatic Ecosystems. (3) A.
849 Field Methods in Ecology. (3) A.
850 Dynamics of Ecosystems. (2) A.
890 Graduate Seminar. (1) A.
891 Thesis Research. (1-9) A.

DEPARTMENT OF CHEMISTRY

H. Smiley, Chair; Bendall, Brock, Davidson, Fras, Godby, Meisenheimer, Powell, Reeder, Schulz, Stubblefield, Taylor, Thompson.

The Department of Chemistry has undergraduate programs leading to the Bachelor of Science and the Bachelor of Arts degrees in chemistry and the Bachelor of Science degree in forensic science. An option in biochemistry is available in the Bachelor of Science program.

The Bachelor of Arts degree program constitutes a 30 semester hour major with a maximum of free electives and is designed for students who have an interest in chemistry, but who are not strongly inclined toward the research aspect of the profession. Students acquiring this B.A. in chemistry are encouraged to use their free electives to develop another area of interest such as a second major or a minor.

The B.A. degree program in chemistry is particularly well suited for the premedical and predental student. The premedical and predental advisor can outline a program of study which, with the proper selection of electives, will fulfill all entrance requirements for medical or dental college. In addition, students may elect to complete only three years of this program, including all general education requirements, and use the first year of successful academic work from an accredited school of medicine, osteopathic medicine, dentistry, or podiatry to complete the requirements for this degree.

The Bachelor of Science degree program should be pursued by those students desiring to prepare for graduate school or immediate employment in industrial or governmental laboratories. This program requires 43 semester hours of chemistry, and students desiring the B.S. program approved by the American Chemical Society need to elect six additional hours of advanced chemistry courses.

A student may propose to substitute 15 hours of biology in addition to the chemistry core courses, and it will prepare the student for immediate employment or for graduate work in biochemistry.

A student may acquire teacher certification by earning the B.S. with additional courses in education. Thirty-three hours of chemistry are required for this option.

The Bachelor of Science degree in forensic science should be pursued by those students interested in a career in a forensic laboratory. The degree requires 54 semester hours of forensic science and chemistry and 19 semester hours of supporting courses. An integral part of the curriculum requirement for this degree is an internship at an affiliated crime laboratory.

Steps have been taken to minimize student exposure to hazardous chemicals by modifying experiments, eliminating certain reagents, and developing safe laboratory procedures. Risks to students have been minimized while still providing valid educational experiences. However, there are still hazards that have not yet been discovered by the scientific community. Student presence in the laboratories is only permitted upon acknowledgment of this fact. Precautions are especially important for students with sensitive medical conditions and women in their first trimester of pregnancy.

Chemistry

MAJOR (BACHELOR OF ARTS)

Major Requirements ........................................................................30 hours
CHE 111, 112, 325, 361, 362, 366, 367, 570, and three hours of
upper division chemistry electives.

Supporting Course Requirements .................................................13 hours
MAT 121 or 261; PHY 131 and 132, or 201 and 202. It is
recommended and expected that premedical and predental
students in this degree program also take BIO 141, 211, 315,
320, 348, 546, and 547.

General Education Requirements ...............................................37 hours
Standard General Education program, excluding course cate-
gories 14, 15, and 16. PHY 201 or 202 is substituted for HEA 281
for premedical and predental students. Refer to Part Three of
this Catalog for details on the General Education and University
requirements.

University Requirements ............................................................9 hours
NMO 100: eight hours of restricted electives.

Free Electives .............................................................................39 hours
Total Curriculum Requirements ..................................................128 hours
### Chemistry

**MAJOR (BACHELOR OF SCIENCE) OPTION IN BIOCHEMISTRY**

**Major Requirements** .................................................. 43-44 hours

Chemistry Core ............................................................... 31 hours

**Options**

Chemistry ................................................................. 12 hours
CHE 314, 480, 525, 550, and 515. For the program to be approved by the ACS, the student must elect six additional hours of advanced chemistry courses.

Biochemistry ............................................................. 13 hours
BIO 531, 532, CHE 530, and 531.

**Supporting Course Requirements** ................................. 19-27 hours
Chemistry ................................................................. 19 hours
MAT 121, 122, 223, PHY 201, and 202. For the ACS certified degree a reading knowledge of German or Russian is required. Completion of GER 203 or RUS 202 with a grade of "C" satisfies the requirements. A year of foreign language is recommended.

Biochemistry ............................................................. 27 hours
BIO 211; 315 or 320; MAT 121, 122, 223, PHY 201, and 202.

**General Education Requirements** ................................. 34-37 hours
Standard General Education program, excluding course categories 14, 15, and 16 (chemistry) and course categories 13, 14, 15, and 16 (biochemistry).

**University Requirements** ........................................... 9 hours
NMO 100; eight hours of restricted electives.

**Free Electives** .......................................................... 14-20 hours

**Total Curriculum Requirements** ................................ 128 hours

---

### Forensic Science

**MAJOR (BACHELOR OF SCIENCE)**

**Major Requirements** .................................................. 54 hours
FOR 411, 412, 451, 495+, eight hours of 400 level FOR electives, CHE 111, 112, 325, 361, 362, 366, 367, 570, and three hours upper division CHE electives.

**Supporting Course Requirements** ................................. 19 hours
MAT 121 or MAT 261; PHY 131 and 132, or PHY 201 and 202; LAS 210, and STA 270.

**General Education Requirements** ................................. 37 hours
Standard General Education program, excluding course categories 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

**University Requirements** ........................................... 9 hours
NMO 100; eight hours of restricted electives.

**Free Electives** .......................................................... 9 hours

**Total Curriculum Requirements** ................................ 128 hours

+ May be retaken to a maximum of 12 hours, but only six hours are counted toward the major requirements.

---

### MINOR IN CHEMISTRY

A student may minor in chemistry by completing CHE 111, 112, 361, 366, and four hours of upper division chemistry courses chosen from the following courses: CHE 325, 330, 362, 367, 471, 472, or 570. Students desiring to acquire a minor in chemistry for teaching certification need a total of 21 semester hours of chemistry. The student should complete CHE 111, 112, 361, 366, and seven additional hours from those courses listed above.

---

### GRADUATE PROGRAMS

The Department of Chemistry offers the degree of Master of Science with a major in chemistry.

The Master of Arts in Education degree with an option in chemistry is offered in the College of Education with the cooperation of the Department of Chemistry. The regulations for the degree program can be found in the College of Education section of this Catalog.

---

### Course Descriptions

#### CHE—Chemistry

**101 General Chemistry I. (4) I, II.** For students who will take only one year of chemistry. Chemical bonding, structure of matter, chemical equilibrium, and descriptive inorganic chemistry. Credit will not be awarded to students who have credit for CHE 105 or CHE 111. 3 Lec/2 Lab. Gen. Ed. 14

**102 General Chemistry II. (4) I, II. Prerequisite: CHE 101.** Continuation of CHE 101, emphasis on elementary organic chemistry, biochemistry, and industrial chemistry. Credit will not be awarded to students who have credit for CHE 106. 3 Lec/2 Lab.

**105 Chemistry for the Health Sciences I. (4) I, II. An introductory course for students in Allied Health. Principles of bonding, structure and reactivity related to biological processes. Credit will not be awarded to students who have credit for CHE 101 or CHE 111. 3 Lec/2 Lab. Gen. Ed. 14

**106 Chemistry for the Health Sciences II. (4) I, II. Prerequisite: CHE 105.** Continuation of CHE 105 with emphasis on biochemical compounds. Credit will not be awarded to students who have credit for CHE 102. 3 Lec/2 Lab.

**111 Introductory Chemistry I. (4) I, II. Prerequisite or Corequisite: ACT math score of 19, or MAT 107, or equivalent.** Prepares student for further study in chemistry, nomenclature, structure, stoichiometry, bonding, chemical change. Credit will not be awarded to students who have credit for CHE 101 or CHE 105. 3 Lec/2 Lab. Gen. Ed. 14

**112 Introductory Chemistry II. (5) I, II. Prerequisite: CHE 111 with a grade of "C" or better.** Continuation of CHE 111. Coordination compounds, descriptive inorganic chemistry, solution chemistry and analytical chemistry. 3 Lec 4 Lab.

---

NATURAL & MATHEMATICAL SCIENCES

171
300 Molecules and Modern Society. (3) A. Formerly CHE 100. No credit for major or minor in chemistry. Survey course for non-science majors. A study of chemistry in the everyday life of food, clothing, housing, and health, and environmental concerns. Gen. Ed. 15/16.

314 Chemical Literature. (1) A. Prerequisite: CHE 361. Introduction to the use of fundamental abstracts, journals, handbooks, review series, and computer searches.

325 Qualitative Analysis. (4) A. Prerequisite: CHE 112 with a grade of "C" or better. Introductory course in gravimetric, volumetric, colorimetric, and polarimetric analysis, including the interpretation of chemical data and calculations. 2 Lec/6 Lab.

330 Introductory Biochemistry. (4) A. Prerequisites: CHE 102 or 361 and 366; or instructor approval. Not open for non-teaching chemistry majors. Compounds and reactions of biological and nutritional importance. Amino acids, proteins, lipids, carbohydrates, vitamins, enzyme systems, digestion, absorption, pathways. 3 Lec/2 Lab.

346 Clinical Chemistry. (6) II. Cross listed as CLS 346. Prerequisites: CHE 325 and 361. Application of theory and laboratory techniques of clinical chemistry with emphasis on applied instrumentation. Credit will not be awarded to students who have credit for CLS 346. 3 Lec/6 Lab.

349 Cooperative Study: Chemistry. (1-8) A. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment required for each semester hour of academic credit.

361 Organic Chemistry I. (4) II, (4) I. Prerequisite: CHE 112. Corequisite: CHE 366 Bonding, structure, reaction theory, aliphatic hydrocarbons; functional groups; stereochemistry; aromatic hydrocarbons; spectroscopy; substitution and elimination reactions.

362 Organic Chemistry II. (4) II, (4) I. Prerequisite: CHE 361 and 366. Corequisite: CHE 367. Alcohols and ethers; aldehydes and ketones; carboxylic acids and derivatives; carbohydrates; amines; phenols; carbohydrates and aminoacids.

365 Organic Chemistry Laboratory I. (1) II. Corequisite: CHE 361. Experimental work to illustrate principles of organic chemistry. Basic techniques and selected syntheses. A withdrawal from CHE 366 must be made by a withdrawal from CHE 361, 3 Lab.

366 Organic Chemistry Laboratory II. (1) I, II. Prerequisite: CHE 361 and 366. Corequisite: CHE 362. Experimental work to illustrate principles of organic chemistry. Selected syntetic techniques and advanced techniques such as separation and identification. A withdrawal from CHE 367 must be made by a withdrawal from CHE 362, 3 Lab.

397 Elementary Glass Working. (1) A. Instruction and practice in the basic techniques used to repair and make simple glass apparatus. 3 Lab.

471 Physical Chemistry I. (4) I. Prerequisites or Corequisites: CHE 325, MAT 223, and PHY 202. A functional knowledge of a computer language is expected. Thermodynamics, properties of physical-chemical systems, free energy and equilibria; electrochemical processes; electrolytic solutions and activity coefficients. Credit will not be awarded to students who have credit for CHE 511 or CHE 512. 3 Lec/3 Lab.

472 Physical Chemistry II. (4) II. Prerequisites: CHE 471 Kinetic theory of gases and reaction rates; atomic and molecular structures; spectroscopy, introductory statistical thermodynamics. Credit will not be awarded to students who have credit for CHE 511 or CHE 512. 3 Lec/3 Lab.

480 Seminar. (1) II. Prerequisite: CHE 314. Presentation of significant developments from recent literature to members of the chemistry faculty and departmental majors. Only one weekly meeting. May be retaken to a maximum of two hours.

495 Introduction to Research. (2-5) I, II. Prerequisites: CHE 361, 366, and 471; or instructor approval. Objectives and techniques of chemical research. Problems in all fields of chemistry. May be retaken to a maximum of ten hours. Student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment.

501 Chemotops: (1-3) A. Prerequisite: instructor approval. Topics to be chosen from current and/or specialized area of chemistry such as environmental chemistry or industrial chemistry, and will vary according to student interest. May be retaken to a maximum of six hours.

511 Principles of Chemistry I. (3) A. Selected concepts in chemistry in depth. Equations of state, thermodynamics and chemical equilibrium. Credit will not be awarded to students who have credit for CHE 471 or CHE 472 or their equivalent.

512 Principles of Chemistry II. (3) A. Prerequisite: CHE 511. Continuation of CHE 511. Chemical kinetics, electrochemistry and other selected topics. Credit will not be awarded to students who have credit for CHE 471 or CHE 472 or their equivalent.

515 Analysis and Characterization. (4) II. Prerequisites: CHE 362, 367, 471, and 550; or departmental approval. Synthesis, separation and characterization of inorganic and organic compounds and mixtures. Included will be spectroscopic techniques, preparation of derivatives and methods appropriate for handling of air sensitive compounds and those of low thermal stability. 2 Lec/6 Lab.

550 Inorganic Chemistry. (3) I. Prerequisite: CHE 472 or instructor approval. Modern concepts of atomic nuclei, atomic structure, and classification of elements. Completions of coordination compounds. Theories of bonding.

556 Mechanistic Chemistry. (3) A. Prerequisites: CHE 362, 367; or instructor approval. Survey of new reactions and comprehensive study of reaction mechanisms.

570 Physical Chemistry for Biological Sciences. (4) I. Prerequisite: CHE 325 or instructor approval. States of matter, colligative properties of solutions, thermodynamics, equilibrium, electrochemistry, colloids, and reaction kinetics. 3 Lec/3 Lab.

585 Principles of High Polymers. (3) A. Prerequisites: CHE 362 and 367. Preparation and characterization of high polymers; monomers, condensation and additional polymerization; radical, anionic, and cationic initiation. Emphasis on microstructure of the polymer chain and its effect on macromolecular physical properties. 2 Lec/3 Lab.

GRADUATE COURSES

701 Chemotops: (1-3) A.

711 Principles of Chemistry I. (3) A.

712 Principles of Chemistry II. (3) A.

715 Analysis and Characterization. (4) II.

725 Instrumental Methods. (4) A.

730 Biochemistry I. (4) II.

731 Biochemistry II. (4) I.

734 Introduction to Medicinal Chemistry. (3) A.

750 Inorganic Chemistry. (3) I.

760 Microwave Chemistry. (3) A.

770 Physical Chemistry for Biological Sciences. (4) I.

785 Principles of High Polymers. (3) A.

802 Selected Topics in Analytical Chemistry. (1-3) A.

803 Selected Topics in Biochemistry. (1-3) A.

804 Selected Topics in Inorganic Chemistry. (1-3) A.

806 Selected Topics in Organic Chemistry. (1-3) A.

807 Selected Topics in Physical Chemistry. (1-3) A.

810 History of Chemistry. (3) A.

813 Principles of Chemistry III. (4) A.

824 Separation Methods. (2) A.

825 Spectroscopy. (3) A.

839 Cooperative Study: Chemistry. (3-6) A.

845 Chemical Laboratory and Demonstration Techniques. (1-4) A.

873 Chemical Thermodynamics. (3) A.

880 Graduate Seminar. (1) II.

881 Seminar for Teachers of Chemistry. (1) A.

882 Seminar in: ______ (3) A.

895 Graduate Literature and Project Planning. (1) A.

895 Graduate Research. (1-6) A.

895G Continuation of Graduate Research. (1-9) A.

SCIENCE

310 History of Science. (3) I, II. The development of scientific concepts through the ages; contribution of science to civilization; philosophy of science; biographical sketches. Gen. Ed. 15/16.

FOR—FORENSIC SCIENCE

301 Introduction to Criminalistics. (3) A. Introduction to the utilization of physical evidence in law enforcement, an overview of the forensic analysis of firearms, fingerprints, drugs, blood, hair, fibers, paint, glass, and questioned documents.

411 Analytical Methods in Forensic Science I. (3) A. Prerequisites: CHE 325, 361, 362, 366, and 367; or instructor approval. Application of instrumental methods of analysis to the classification of physical evidence. Principles and applications of spectrophotometry; gas chromatography; and then layer chromatography. 2 Lec/3 Lab.

412 Analytical Methods in Forensic Science II. (4) A. Prerequisite: FOR 411 or instructor approval. Application of chemical instrumentation to the separation, identification and comparison of drugs, paint, glass, fibers, arson evidence and other materials commonly encountered in the crime laboratory. 2 Lec/6 Lab.

421 Forensic Serology. (3) A. Prerequisite: FOR 411 or instructor approval. Introduction to the laboratory examination of blood, blood stains, and body fluids, techniques in handling dried blood. 2 Lec/3 Lab.
Geology

MAJOR (BACHELOR OF SCIENCE)

Major Requirements ........................................... 37-39 hours
GLY 309, 311, 409, 410, 411, 412, 451, 550, and two additional approved geology courses.

Supporting Course Requirements ............................ 32 hours
BIO 141, CHE 111, 112, GEO 355, MAT 121, 122, PHY 131, and 132. Some statistics and computer science are recommended.

General Education Requirements ............................ 34 hours
Standard General Education program, excluding course categories 13, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ...................................... 9 hours
NMO 100; eight hours of restricted electives.

Free Electives .................................................... 14-16 hours

Total Curriculum Requirements ................................ 128 hours

MINOR IN GEOLOGY

A student may minor in geology by completing a minimum of 18 (21 for teaching certification) semester hours as follows: GLY 108, 109, and a minimum of 12 hours of approved geology courses. GLY 107, 302, 304, 349, 390, 500, or 501 may not be used to satisfy minor requirements.

Earth Science (Teaching)

MAJOR (BACHELOR OF SCIENCE)

Refer to the College of Education section of this Catalog regarding several teacher certification requirements associated with this degree program.

Major Requirements .......................................... 30 hours

Minor Requirements ........................................... 18-21 hours
A 21-hour teaching minor is required (geography is recommended).

Supporting Course Requirements ............................ 11 hours
EDF 102, 202, 317, ETE 318, ESE 451, 498, and 499.

General Education Requirements ........................... 34 hours
Standard General Education program, excluding course categories 13, 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ...................................... 9 hours
NMO 100; eight hours of restricted electives.

Free Electives .................................................... 0-3 hours

Total Curriculum Requirements ................................ 133 hours

MINOR IN EARTH SCIENCE (TEACHING)

A student may minor in earth science by completing a minimum of 21 semester hours as follows: GLY 108, 109, 208, 304, 390, GEO 215, and AST 135. An earth science minor is not recommended for non-teaching majors.
GRADUATE PROGRAMS

The Department of Geology offers the Master of Science degree in geology. The M.S. degree program is designed to provide students with a broad background in geology, plus a more in-depth knowledge of at least one area of geology through thesis research. Areas of geology recommended for thesis research include clay mineralogy, geochemistry, geomorphology, hydrogeology, paleoecology, petrology, sedimentology, stratigraphy, structural geology, and tectonics. Emphasis is placed on solving geologic problems through a combination of field studies and laboratory applications.

The Master of Arts in Education degree with an option in earth science is offered in the College of Education with the cooperation of the Department of Geology. The Department of Geology cooperates with the other natural science departments and the College of Education in offering the Master of Arts in Education with an option in general science. Regulations for these degrees can be found in the College of Education section of the Graduate Catalog.

Course Descriptions

Two courses in marine geology are offered (in cooperation with Gulf Coast Research Laboratory).

GLY—Geology

107 Principles of Geology. (3) I, II. Non-laboratory physical science. Course content is same as GLY 108 except that laboratory is replaced by discussion section covering selected general interest topics. Credit will not be awarded to students who have credit for GLY 108. Gen. Ed. 15-16.

108 Principles of Geology. (3) I, II. General geology including the study of common minerals and rocks and geologic processes. Designed primarily for non-science majors. Credit will not be awarded to students who have credit for GLY 107. 2 Lec/3 Lab. Gen. Ed. 15-16.


207 Engineering Geology. (3) A. Prerequisite: pre-engineering major or departmental approval. Physical geology applied to engineering problems. Emphasizing soil water, settlement and consolidation, groundwater flow, slope stability, bearing capacity, and laboratory and field techniques. 2 Lec/2 Lab.

208 Minerals, Rocks, Fossils. (3) A. Origin, distribution, and identification of common minerals, rocks, and fossils. 2 Lec/2 Lab.

302 Earth Science. (3) A. Introduction to the universe and our solar system, the earth's atmospheric and climatic elements, its physical processes and features, organic development, and natural resources. Gen. Ed. 15-16.

304 Introduction to Oceanography. (3) I, II. Formerly GLY 104. The ocean basins, water circulation, energy budgets, ocean floor sediments, and marine life environments. Interactions with the atmosphere and lithosphere will be considered. Gen. Ed. 15-16.

309 Introduction to Mineralogy. (5) I. Prerequisite: CHE 111 or departmental approval. Classification, genesis, occurrence, and use of minerals with introduction to crystallography. Emphasis placed on physical mineralogy, mineral identification, and mineral genesis. 3 Lec/4 Lab.

311 Optical Mineralogy. (3) I. Prerequisite: GLY 309. Optical properties of non-opaque minerals relate to crystal symmetry and chemistry as a basis for identification using the petrographic microscope. Investigation of rock-forming minerals using oil-immersion and thin section techniques. 2 Lec/2 Lab.

349 Cooperative Study: Geology. (1-8) A. Prerequisite: departmental approval. Work in placement related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment required for each semester hour of academic credit. May not be used to satisfy major or minor requirements.

351 Field Geology. (3) A. Prerequisite: junior standing or departmental approval. Field techniques, description and measurement of stratigraphic sections, and fundamental geologic mapping. 1 Lec/4 Field (Saturday).


398 Independent Studies in Geology. (1-6) I, II. Prerequisite: departmental approval. Topic determined by student and instructor. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours provided topic is different each time.

408 Process Geomorphology. (3) A. Prerequisite: GLY 108 or departmental approval. An in-depth study of the geologic processes involved in landform development.

409 Petrology and Petrography. (4) I. Formerly GLY 310. Prerequisite: GLY 311. Nature and origin of rocks, igneous, metamorphic and sedimentary, based on investigation of hand specimens and thin sections using the petrographic microscope. Emphasis on genetically meaningful description and classification of crystalline rocks. 3 Lec/2 Lab.

410 Structural Geology. (3) I. Prerequisites: GLY 310 and MAT 108, or departmental approval. Geologic approach to the structure of the earth. Emphasis on the geometry of deformed rocks and solution of structural problems. 2 Lec/2 Lab.

411 Invertebrate Paleontology. (4) I. Prerequisite: BIO 141 or departmental approval. Morphology, distribution in time and space, evolution, and paleoecology of fossil invertebrates. 2 Lec/2 Lab.

412 Stratigraphy and Sedimentation. (3) II. Prerequisite: GLY 309. Principles of stratigraphy and sedimentation with references to North American rock sequences. 2 Lec/2 Lab.

414 Geology of Soils. (3) A. Prerequisite: CHE 111 or departmental approval. Chemical and physical characteristics of soils and soil morphology. Special attention is given to ion exchange, texture, water, and permeability. 451 Geologic Field Studies. (6) SUMMER ONLY. Prerequisite: GLY 410 or departmental approval. Field-training program of comprehensive scope in the northern and central Rocky Mountains (5 weeks). Description of stratigraphic sections: geologic mapping (detailed and reconnaissance) of sedimentary, metamorphic, and igneous terrains; interpretation of complex structure; regional geology with stress on tectonics; evidence of recent geologic activity and national park visits.

500 Earth Science Problems for Teachers: ______ (1-3) A. Prerequisite: departmental approval. Designed to help individual students majoring in education (general science) who need special instruction in the earth sciences. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of nine hours provided topic is different each time.

501 Physical Geology for Teachers. (3) A. Fundamental composition and structure of the earth, minerals, rocks, landform origins, and modifying agents. Designed for teachers with emphasis on laboratory techniques.


529 Economic Geology. (3) A. Prerequisites: GLY 409 and 410. Formation of mineral deposits and their distribution within the earth's crust. 2 Lec/2 Lab.

530 Geophysics. (3) A. Prerequisites: PHY 111 and 112; or departmental approval. Fundamentals of gravity and isostasy, seismology, geomagnetism, geothemics, and geochronology Introduction to gravimetry, magnetic, electrical, and seismic prospecting techniques.

535 Hydrogeology. (3) A. Prerequisites: GLY 409 and 410; or departmental approval. Origin, occurrence, movement, utilization, and conservation of groundwater: Qualitative and quantitative presentation of geological, physical, and geochemical aspects of groundwater hydrology. 2 Lec/2 Lab.

550 Historical Geology. (3) A. Prerequisite: senior standing or departmental approval. Synthesis of major processes and events of physical and biological history of the earth using principles and conclusions learned in major program, through basin analysis. 2 Lec/2 Lab.

555 Geology of North America. (3) A. Prerequisite: GLY 410 or departmental approval. Regional geology of the North American continent in space and time, an integrated perspective. Emphasis on methodology of tectonic maps, significance of key stratigraphic sequences, dependency of sedimentation and igneous activity on tectonics, orogenesis and its consequences, and plate tectonic interpretations.

580 Selected Topics: ______ (1-3) A. Prerequisite: departmental approval. Designed to explore specific aspects of geology. May be retaken to a maximum of six hours provided topic is different each time.

590 Geoscience Instrumentation. (1-3) A. Prerequisite: departmental approval. Selected topics of geoscience instrumentation. Topic designated each time course is offered. May be retaken to a maximum of six hours provided topic is different each time.

GRADUATE COURSES

700 Earth Science Problems for Teachers: ______ (1-3) A.

701 Physical Geology for Teachers. (3) A.

712 X-ray Diffraction and Spectroscopy. (3) A.

729 Economic Geology. (3) A.

730 Geophysics. (3) A.

735 Hydrogeology. (3) A.

750 Historical Geology. (3) A.

755 Geology of North America. (3) A.

780 Selected Topics: ______ (1-3) A.

798 Geoscience Instrumentation. (1-3) A.

801 Historical Geology. (1) A.

802 Scientific Communication in Geology. (2) I.

805 Advanced Structural Geology. (3) A.

811 Paleocology of Invertebrates. (3) A.

812 Clay Mineralogy. (3) A.

821 Sedimentology. (3) A.

822 Igneous and Metamorphic Petrology. (4) I.

823 Sedimentary Petrology. (3) II.

824 Carbonate Petrology. (3) A.

925 Siliciclastic Petrology. (3) A.

831 Coal Geology. (3) A.
DEPARTMENT OF
MATHEMATICS, STATISTICS, AND COMPUTER SCIENCE


The Department of Mathematics, Statistics, and Computer Science offers Bachelor of Science degree programs in computer science, mathematics, and statistics; the Master of Science degree is offered in the mathematical sciences. In cooperation with the College of Education, the Department provides options in Mathematics and in Computer Science/Mathematics, each leading to teacher certification with the Bachelor of Science degree. The Master of Arts in Education degree, with an option in Mathematics, is offered in the College of Education with the cooperation of the Department of Mathematics, Statistics, and Computer Science.

In addition to its programs for undergraduate majors and graduate students, the Department of Mathematics, Statistics, and Computer Science offers a minor in Computer Science, Computer Science (Teaching), Mathematics, Mathematics (Teaching), Mathematical Sciences, and Applied Statistics. Other courses are offered in computer science, mathematics, and statistics for students majoring in a wide range of fields of study.

PROGRAM OBJECTIVES

COMPUTER SCIENCE

Upon completion of this program the graduate will:
1. Have a working knowledge of some common programming languages and operating systems;
2. Have experience with analysis of software systems, design, documentation, and implementation techniques both as an individual and as a member of a design team;
3. Have experience with analysis of hardware systems, design, and implementation techniques;
4. Be qualified for employment as a computer scientist in industry or in government; and
5. Be prepared to enter a graduate program in computer science.


c

Computer Science

MAJOR (BACHELOR OF SCIENCE)

Major Requirements .......................................................... 39 hours
CSC 180, 181, 200, 209, 305, 309, 310; MAT 121 or 121H; 122 or 122H; 214; 223 or 223H; STA 270.

Supporting Course Requirements ............................ 27 hours
MAT 121 or 121H; 122 or 122H; 214; 223 or 223H; STA 270.

General Education Requirements*............................... 34 hours
Standard General Education program, excluding categories 13, 14, 15 and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ............................................ 9 hours
NMO 100: eight hours of restricted electives.

Free Electives ............................................................. 19 hours

Total Curriculum Requirements ................................. 128 hours

PROGRAM OBJECTIVES

COMPUTER SCIENCE/MATHEMATICS (TEACHING)

Upon completion of this program the student will:
1. Understand the principles of pre-college computer science and mathematics;
2. Be able to explain the basic concepts of computer science and mathematics and their applications to social, economic, and scientific problems;
3. Understand the importance and power of computer science and mathematics in our rapidly changing technological age; and
4. Be prepared to pursue a graduate program in this or a related area.

Computer Science/
Mathematics (Teaching)

MAJOR (BACHELOR OF SCIENCE)

Refer to the College of Education section of this Catalog regarding several teacher certification requirements associated with this degree program.

Major Requirements .......................................................... 39 hours
CSC 180, 181, 200, 209, 305, 309, 310; MAT 121 or 121H; 122 or 122H; 214; 223 or 223H; 301, 334, and each with a grade of at least "C".

Supporting Course Requirement .................................... 3 hours
STA 270.

Teacher Education Requirements ................................. 28 hours
EDF 102, 202, 317, EPI 318, ESE 450, 498, and 499.

General Education Requirements ................................. 43 hours
Standard General Education program, excluding course category 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ............................................ 9 hours
NMO 100: eight hours of restricted electives.

Free Electives ............................................................. 6 hours

Total Curriculum Requirements ................................. 128 hours
PROGRAM OBJECTIVES
MATHEMATICS
Upon successful completion of this program, the graduate will:
1. Be able to apply mathematical techniques to social, economic, and scientific problems;
2. Understand the importance and power of mathematics in our rapidly changing technological age;
3. Be prepared to pursue a graduate program in this or a related area; and
4. Be well qualified for employment in any position requiring undergraduate training in mathematics.

Mathematics
MAJOR (BACHELOR OF SCIENCE)

Major Requirements ...........................................39 hours
MAT 121 or 121H; 122 or 122H; 214; 223 or 223H; 225 or 225H; 301, 308, 353, and 414; either 311 and 415, or 311 or 415 and one of 506, 540, 550, or 560: six hours of CSC/MAT/STA numbered 300 or above (except for 349, CSC 305, 530, 561, 567, MAT 503, 514, 580, and STA 500). Only courses completed with a grade of at least "C" will count toward the major requirements.

Supporting Course Requirements ..........................6 hours
CSC 180; any three hour STA course numbered 270 or above (except 349).

General Education Requirements ...........................46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
NMO 100; eight hours of restricted electives.

Free Electives....................................................28 hours
Total Curriculum Requirements .............................128 hours

PROGRAM OBJECTIVES
MATHEMATICS (TEACHING)
Upon successful completion of this program, the graduate will have a teacher's certification in mathematics and will:
1. Understand the principles of pre-college mathematics;
2. Be able to explain mathematical concepts and applications to social, economic, and scientific problems;
3. Understand the importance and power of mathematics in our rapidly changing technological age; and
4. Be prepared to pursue a graduate program in this or some related area.

Mathematics (Teaching)
MAJOR (BACHELOR OF SCIENCE)

Refer to the College of Education section of this Catalog regarding several teacher certification requirements associated with this degree program.

Major Requirements ...........................................36 hours
MAT 121 or 121H; 122 or 122H; 214; 223 or 223H; 225 or 225H; 301, 308, 334, 414, 580, and six hours of CSC/MAT/STA numbered 300 or above (except for 349, CSC 305, MAT 503). Only courses completed with a grade of at least "C" will count toward the major requirements.

Supporting Course Requirements ..........................6 hours
Three hours of an approved programming language; STA 270.

Teacher Education Requirements .............................28 hours
EDF 102, 202, 317, ESE 318, ESE 450, 498, and 499.

General Education Requirements ...........................43 hours
Standard General Education program, excluding course category 03. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
NMO 100; eight hours of restricted electives.

Free Electives....................................................28 hours
Total Curriculum Requirements .............................128 hours

PROGRAM OBJECTIVES
STATISTICS
Upon successful completion of this program, the graduate will:
1. Understand the applications and use of statistics in everyday life;
2. Be able to apply a wide variety of statistical techniques;
3. Be familiar with computer packages which perform statistical analysis;
4. Be well qualified for employment in industry, government, and the actuarial profession; and
5. Be prepared to pursue graduate work in statistics.

Statistics
MAJOR (BACHELOR OF SCIENCE)

Major Requirements ..........................................42 hours
STA 270 and 271, or STA 500 and 575; 370, 375, 501, 520, 521 with a cumulative GPA of 2.0 in these courses; MAT 121 or 121H; 122 or 122H; 214; 223 or 223H; 225 or 225H; six hours of CSC/MAT/STA numbered 300 or above (except for 349 and CSC 305).

Supporting Course Requirement ............................3 hours
Three hours of an approved programming language.

General Education Requirements ...........................46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
NMO 100; eight hours of restricted electives.

Free Electives....................................................28 hours
Total Curriculum Requirements .............................128 hours

MINOR IN COMPUTER SCIENCE
A student may minor in computer science by completing a minimum of 18 hours of CSC courses (except for CSC 104, 305, and 349) which must include CSC 180, 181, 200, 309, 310, plus three hours of CSC courses at the 200 level or above.

MINOR IN COMPUTER SCIENCE (TEACHING)
A student may minor in computer science (teaching) by completing a minimum of 21 hours of courses in the mathematical sciences including CSC 180, 181, 200, 305, three hours of another approved programming language, STA 270, and one of MAT 121, 121H, 211, or 261.
MINOR IN THE MATHEMATICAL SCIENCES

A student may minor in mathematical sciences by completing a minimum of six hours in each of computer science, mathematics, and statistics for a total of 18 hours as follows: computer science-CSC 180 or 300; any other CSC course (except for CSC 104, 305, or 349); mathematics-MAT 261 and 262, or MAT 121 and 122, or MAT 121H and 122H; and statistics—two of STA 270, 271, 370, 500, 501, or 575.

MINOR IN MATHEMATICS

A student may minor in mathematics by completing 18 hours including MAT 121 or 121H; 122 or 122H; 223 or 223H; nine hours selected from MAT 214; 225 or 225H; CSC 300 or 320; STA 370 or 520; or any MAT course numbered 300 or above (except for MAT 349 and 503).

MINOR IN MATHEMATICS (TEACHING)

A student may minor in mathematics (teaching) by completing a total of 21 hours of courses in the mathematical sciences including MAT 121 or 121H; 122 or 122H; 214; 223 or 223H; 301, and 334.

MINOR IN APPLIED STATISTICS

A student may minor in applied statistics by completing 18 hours of mathematical science courses including 12 hours of STA courses and six hours selected from any additional STA courses (except for 349), any CSC courses (except for 104, 305 or 349), or any calculus courses.

GRADUATE PROGRAMS

The Master of Science degree is offered by the Department of Mathematics, Statistics, and Computer Science to prepare the student for positions in government or industry, for teaching at the college or pre-college levels, or for advanced graduate study. The student may elect courses from computer science, pure or applied mathematics, and statistics. A thesis is optional. Further information and degree requirements can be found in the Graduate Catalog.

The Master of Arts in Education with an option in mathematics is offered in the College of Education with the cooperation of the Department of Mathematics, Statistics, and Computer Science. Further information can be found in the Graduate Catalog.

REPEAT POLICY

Students may enroll for a course taught by the Department of Mathematics, Statistics, and Computer Science only twice during the fall or spring semesters. Subsequent enrollments must be during spring intersession or summer school. Exceptions are by petition to the department only.

Course Descriptions

CSC—Computer Science

102 Computer Literacy with Basic. (3) I, II. Non-technical survey of computer history and hardware; implications of use and misuse of computers; programming in the computer language BASIC: input/output, decision, looping, arrays. Credit will not be awarded to students who have credit for CSC 104 or CSC 171. 3 Lec (1 Lab when taught in large lecture sections.)

104 Computer Literacy with Software Applications. (3) I, II. A non-technical survey of computer history, hardware, and software, implications of the use and misuse of computers. The effect of computers on society. Software applications such as word processors, spread sheets, databases, and graphics. Credit will not be awarded to students who have credit for CSC 102. 3 Lec (1 Lab when taught in large lecture sections.)

112 Introduction to Computer Programming—BASIC. (1) I, II. Programming in the computer language BASIC: input/output, decision, looping, arrays. Credit will not be awarded to students who have credit for CSC 102. 2 Gen. Ed. 03 or 04.

121 Advanced BASIC. (2) I, II. Prerequisite: CSC 171 or 102, or departmental approval. Sequential and direct access file handling, character string operators, user defined functions and subroutines, other topics. Gen. Ed. 03 or 04.

124 Introduction to Computer Programming—FORTRAN. (3) I, II. Introductory programming in FORTRAN, input/output, decision, loops, arrays, subroutines, functions, files. Gen. Ed. 03 or 04.

150 Programming in Logo. (3) A. An introduction to the computer language Logo. Modularity, input/output, decision, looping, and recursion, with both graphics and lists.

151 Programming in _______ (1-3) A Programming in selected languages, with appropriate applications. May be retaken to a maximum of six hours, provided the languages are different.

152 Introduction to Computer Programming—Pascal. (3) I, II. Introduction to problem solving with computers using the structured language Pascal. Basic concepts include data types, control structures, arrays, functions, procedures, records and extended input/output features. Credit will not be awarded to students who have credit for CSC 182. Gen. Ed. 03 or 04.

181 Advanced Computer Programming—Pascal. (3) I, II. Prerequisite: CSC 180. Modular programming, searching and sorting algorithms, user-defined data types, records, pointers, linked lists, stacks, trees, and files. Credit will not be awarded to students who have credit for CSC 182.

182 Algorithms and Pascal Programming. (6) I, II. Prerequisite: departmental approval. A combination of CSC 180 and 181. Programming in Pascal and algorithmic design. Credit will not be awarded to students who have credit for CSC 180 or CSC 181.

200 Introduction to Computer Organization. (3) I, II. Prerequisite: CSC 181 or departmental approval. Computer structure, assembly language, instruction execution, addressing, data representation, macro definition and generation, utility programs, programming techniques.

209 The Language C and the UNIX Operating System. (3) I, II. Prerequisite: CSC 181 or departmental approval. Introduction to the UNIX operating system and the language C. Basic concepts including simple and structured data types, control constructs, functions and files. Credit will not be awarded to students who have credit for CIS 365 or CIS 366.


305 Computers and Society. (3) A. Cross listed as POL 305 and SOC 305. The influence of computers on social and political processes. Software related to social-political issues. Credit will not count toward major or minor requirements except for CSC teaching programs. Credit will not be awarded to students who have credit for POL 305 or SOC 305.

309 Introduction to File Processing. (3) I, II. Prerequisite: CSC 181 and MAT 122, or Corequisite: MAT 122. File processing and file structures. Sequential and direct access file handling, searching and sorting techniques, and the analysis of algorithms. 3 Lec.

310 Data Structures. (3) I, II. Prerequisites: CSC 180, 181, 200, 309 and with at least a "C" average in all prerequisite courses. Linear lists, strings, arrays, orthogonal lists, representation of trees and graphs. Storage systems and structures, tables, and searching techniques. Sorting techniques for linked lists. Formal specification of data structures.

320 Introduction to Discrete Structures. (3) I, II. Prerequisites: CSC 209 and MAT 122 and 214; or departmental approval; or Corequisite: MAT 122. Set algebra, mappings, relations, algebraic structures, elementary group theory (directed and undirected), network models, applications to computer science.

349 Cooperative Study: Computer Science. (1-8) I, II; (1-6) Summer Only. Prerequisite: departmental approval. Work in placements related to academic studies. Credit does not apply to major or minor requirements. Total hours: eight, associate, sixteen, baccalaureate. A minimum of 80 hours of employment is required for each semester hour of academic credit.

350 Programming Languages. (3) I, II. Prerequisites: CSC 209 and 310; or Corequisite: CSC 310. Formal definition of programming languages including specifications of syntax and semantic. Global properties of algorithmic languages. List processing, string manipulation, data description and simulation languages. Run-time representation of programs.

370 Computer Architecture. (3) A. Prerequisite: CSC 200, information representation, Boolean algebra and combinational logic, memory and storage, elementary machines, addressing schemes, stack and parallel computers, overlap and pipeline processing, microprogramming, performance evaluation.

390 Advanced Programming Techniques with Ada. (3) A. Prerequisite: CSC 310 or departmental approval. An introduction to the Ada programming language with emphasis on the special features of Ada which allow for data abstraction, exception handling, and tasking.

400 Operating Systems. (3) I, II. Prerequisites: CSC 299 and 310. Overall structure of multiprogramming systems, details of addressing techniques, memory-management, file system design and management, plan, interprocess communication, system module design, interfaces.
425 Compiler Construction. (3) I, II. Prerequisites: CSC 310 and 350. Compilation of simple expressions and statements. Compiler organization, compile and run-time symbol tables, lexical scan, object code generation, error diagnostics, object code optimization techniques, overall design.

440 Introduction to Software Engineering. (3) A. Prerequisite or Corequisite: CSC 400 or 425. Introduction to the practical applications of scientific knowledge in the design and development of software and to the documentation required to develop, operate, and maintain such systems.


460 Computer Network Architecture. (3) A. Prerequisite: CSC 400. Introduction to the subject of computer networks and layered protocols, architecture of data communication systems, point-to-point networks, local networks, end-to-end protocols and internetworking.

490 Seminar in Computer Science. (1-3) A. Prerequisite: departmental approval. For advanced students in computer science. Subject announced when offered. May be retaken to a maximum of 12 hours, provided that the topics are different.

495 Independent Work. (3-6) I, II. Prerequisite: departmental approval. Directed study research on a problem or area chosen in consultation with the instructor. Final paper required. Student must have the independent study proposal approved by the faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours.

507 Seminar in Computer Science. (1-3) A. Prerequisite: departmental approval. Topics vary with offering. May be retaken with advisor approval, provided the topics are different.

530 Concepts of Programming Systems. (3) A. Prerequisite: departmental approval. Survey of the properties of algorithms, structured programming, control structures, subprograms, files and lists. Programs will be written in a high-level language. To be offered at least every other year.

545 Theory of Database Systems. (3) A. Prerequisite: CSC 310 or the equivalent. Models and principles of information systems. Database languages. The logical and physical design, and the implementation and use, of database management systems.

561 Programming for Microcomputers. (3) A. Prerequisite: CSC 310 and competence in BASIC programming. Programming techniques to utilize the special features of microcomputers using both BASIC and assembly language.

567 Problem Solving Concepts for Computer Science Teachers. (3) A. Prerequisite: CSC 310 and a major or minor in Computer Science Teaching. Seminar on formulating, analyzing, and solving problems appropriate for high school computing classes. Emphasis on techniques and algorithms appropriate for implementation on microcomputer systems.

GRADUATE COURSES

707 Seminar in Computer Science. (1-3) A.

730 Concepts of Programming Systems. (3) A.

745 Theory of Database Systems. (3) A.

761 Programming for Microcomputers. (3) A.

767 Problem Solving Concepts for Computer Science Teachers. (3) A.

831 Data Structures and Algorithms I. (3) A.

833 Data Structures and Algorithms II. (3) A.

834 Software Engineering and Project Management. (3) A.

889 Cooperative Study. Computer Science. (1-3) A.

MAT—Mathematics

090 Basic Mathematics. (3) Institutional Credit. I, II. Rationals, numbers, ratio and proportion, percentages, linear equations, exponents, polynomials and the Cartesian plane may be taken by referral only. 3 Lec (1 Lab when taught in large lecture sections.)

093 Basic Descriptive Geometry. (1) Institutional Credit. I, II. Prerequisite: MAT 090 or equivalent. Classification of geometric figures, measurement of segments and angles, triangles and their properties, similarity, the Pythagorean Theorem, area, perimeter, volume, rectangular coordinate systems. May be taken by referral only. 1 Lec (1 Lab when taught in large lecture sections.)

095 Basic Algebra. (3) Institutional Credit. I, II. Prerequisites: MAT 090 with a grade of at least "C" and MAT 093 or Corequisite: MAT 093; or equivalent. Real and complex numbers, polynomials, factoring, rational expressions, linear equations and inequalities, systems of linear equations, quadratic equations. May be taken by referral only. 3 Lec (1 Lab when taught in large lecture sections.)

106 Applied Finite Mathematics. (3) I, II. Prerequisite: MAT 090 or the equivalent. This application oriented mathematical model to include mathematical problems including linear systems in the sciences and behavioral sciences. The mathematical material introduced will include the simplex method of solution of the linear programming problem, the theory of Markov chains, topics from graph theory, and topics from game theory. 3 Lec (1 Lab when taught in large lecture sections.) Gen. Ed. 03 or 04.

107 College Algebra. (3) I, II. Prerequisites: two years of high school algebra (algebra I and II) and a satisfactory score on a departmental placement test, or a grade of at least "C" in MAT 095. Real and complex numbers, integer and rational

exponents, logarithms, rational expressions, linear equations and inequalities, quadratic equations and inequalities, Cartesian Coordinate system, introduction to properties of exponential and logarithmic functions, systems of linear equations, rational roots of polynomials, synthetic division. 3 Lec (1 Lab when taught in large lecture sections.) General Ed. 03 or 04.

108 Trigonometry. (3) I, II. Prerequisite or Corequisite: MAT 107. Radians and degrees, inverse functions, multiple angle expressions, triangle solutions, inverse functions, complex numbers. Credit will not be awarded to students who have credit for MAT 108. Three hours of credit toward General Ed. 03 or 04.

121 Calculus and Analytic Geometry I. (3) I, II. Prerequisite: MAT 109 or equivalent. Analytic geometry, limits, continuity, derivatives and applications. Credit will not be awarded to students who have credit for MAT 121H or MAT 124 or MAT 121 or MAT 124.

121H Honors Calculus I. (3) I. Prerequisite: a score of 27 on the ACT mathematics test and the equivalent of MAT 109; or departmental approval. Analytic geometry, limits, continuity, derivatives and applications. This material is treated in greater depth, and with more rigor than in MAT 121. Challenging problems and special projects will be assigned. Credit will not be awarded to students who have credit for MAT 121 or MAT 124 or MAT 211 or MAT 261. Gen. Ed. 03 or 04.

122 Calculus and Analytic Geometry II. (3) I, II. Prerequisite: MAT 121 with a minimum grade of "C". Antiderivatives, applications and techniques of integration, transcendental functions, improper integrals. Credit will not be awarded to students who have credit for MAT 122H or MAT 224 or MAT 262. Gen. Ed. 03 or 04.

122H Honors Calculus II. (3) II. Prerequisite: MAT 121H with a minimum grade of "C" or departmental approval. Antiderivatives, applications and techniques of integrations, transcendental functions, improper integrals. The material is treated in greater depth and with more rigor than in MAT 122. Challenging problems and special projects will be assigned. Credit will not be awarded to students who have credit for MAT 122 or MAT 224 or MAT 262. Gen. Ed. 03 or 04.

124 Differential and Integral Calculus. (4) A. Prerequisite: MAT 120 or equivalent. Limits and continuity, the derivative and applications, antiderivatives, the definite integral and applications. Credit will not be awarded to students who have credit for MAT 124 or MAT 222 or MAT 262. Gen. Ed. 03 or 04.

201 Mathematical Concepts for Middle and Elementary School Teachers I. (3) I, II. Prerequisites: admission to a certification program in elementary, middle school, or special education; an acceptable score on a placement test. Concepts stressed over manipulation. Sets and functions, whole numbers, integers, rational numbers, decimals and real numbers, notation, and elementary number theory.

202 Mathematical Concepts for Middle and Elementary School Teachers II. (3) I, II. Prerequisite: MAT 201 with a minimum grade of "C"; an acceptable score on a geometry placement test. Concepts stressed over manipulation. Geometry, measurement, metric system, probability and basic statistics.

203 Geometry for Middle and Elementary School Teachers. (3) I, II. Prerequisites: MAT 202, Angles and their measurement, right triangle trigonometry, perpendicular lines, congruent triangles, circles, arcs, and angles, constructions and loci, area and volume, similarity, graphing, selected topics from analytic geometry.

222H Honors Calculus III. (3) I. Prerequisite: MAT 222H with a minimum grade of "C" or departmental approval. Further techniques of integration, improper integrals, conic sections, vectors, and solid analytic geometry. Credit will not be awarded to students who have credit for MAT 222 or MAT 224.

224 Topics in Calculus. (1) I, II. Prerequisite: MAT 124 or equivalent with a minimum grade of "C". Transcendental functions, integration techniques, indeterminate forms, improper integrals, infinite series, conic sections, vectors and solid analytic geometry. Credit will not be awarded to students who have credit for MAT 122H or MAT 124H or MAT 222 or MAT 224.

225 Calculus IV. (3) I, II. Formerly MAT 324. Prerequisite: MAT 223 or 224 with a minimum grade of "C". Functions of more than one variable, partial differentiation and multiple integration, topics in vector calculus. Credit will not be awarded to students who have credit for MAT 223H.

225H Honors Calculus IV. (3) I, II. Formerly MAT 324H. Prerequisite: MAT 223H with a minimum grade of "C" or departmental approval. Functions of more than one variable, partial differentiation and multiple integration, topics in vector calculus. The
261 Fundamentals of Calculus with Applications I. (3) A. Prerequisite: MAT 107 or equivalent. Introduction to calculus with applications in the sciences. Credit will not be awarded to students who have credit for MAT 121 or MAT 121H or MAT 124 or MAT 211. Gen. Ed. 03 or 04.

262 Fundamentals of Calculus with Applications II. (3) A. Prerequisite: MAT 261 or 211. Integral calculus with applications, introduction to differential equations, functions of several variables. Credit will not be awarded to students who have credit for MAT 122 or MAT 122H or MAT 224.

301 Transition to Advanced Mathematics. (3) A. Prerequisites: MAT 214 and 223; a grade point average of at least 2.5 in MAT 121, 122, 214, and 223. Logic, proof techniques, set theory, relations, functions, cardinality, introduction to advanced mathematics.

303 Mathematical Models and Applications. (3) A. Prerequisites: MAT 106, 203, and STA 270. Applications of mathematics to problems in the life, behavioral and managerial sciences. Credit does not count toward B.S. in mathematics or mathematics teaching degrees nor the mathematics minor.

306 Modern Algebra I. (3) I, II. Prerequisite: MAT 301 with a minimum grade of "C". II. Prerequisite: MAT 301 with a minimum grade of "C". Sets, mappings, relations, operations, rings, homomorphisms, integral domains, properties of integers, fields, rational and real number fields, complex number field.

311 Modern Algebra II. (3) A. Prerequisite: MAT 306 with a minimum grade of "C". Topics from the theory of groups including direct products, the Sylow Theorems, normal series, and group extensions.

334 Modern College Geometry I. (3) A. Prerequisite: MAT 301 with a minimum grade of "C". Euclidean parallel postulate, axioms systems, finite geometries. Designed to provide high school mathematics teachers with an appropriate reformulation and strengthening of background, ideas and rigor.

349 Cooperative Study: Mathematics. (1-6) I, II; (1-6) Summer Only. Prerequisite: departmental approval. Credit will not be awarded to students who have credit for MAT 334. May be retaken to a maximum of 16 hours, provided the topics are different.

400 Seminar in Mathematics. (1-3) A. Prerequisite: departmental approval. Advanced topics in undergraduate mathematics. May be retaken to a maximum of nine hours, provided the topics are different.

503 Number Theory in Elementary and Middle School Education. (3) A. Prerequisite: admission to a certification program in elementary, special, or middle school education. Application of standard number theory topics to elementary and middle school mathematics. Credit will not be awarded to students who have credit for MAT 503.

505 Foundations of Mathematics. (3) A. Prerequisite: MAT 308. The nature of mathematical thought; logical systems; axiomatic concepts and methods; consideration of the work of Hilbert, Peano, Whitehead, Russell, and others.

506 Number Theory. (3) A. Prerequisite: MAT 214. Fundamental properties of integers, linear Diophantine equations, linear and quadratic congruences, famous problems of number theory. Credit will not be awarded to students who have credit for MAT 503.

507 Seminar in Mathematics: ________ (1-3) A. Prerequisite: departmental approval. Topics vary with offering. May be retaken with advisor approval, provided the topics are different. Credit towards degree requirements will depend on course content.

514 Analysis for the Secondary Teacher. (3) A. Basic concepts in analysis with applications to secondary mathematics. Real numbers, sets, theory, sequences and series, continuity, differentiability, integration.

535 Modern College Geometry II. (3) A. Prerequisite: MAT 334 or equivalent. The major influence of the axioms of parallelism or geometry, development from axioms and models, Euclidean geometry, absolute geometry, hyperbolic geometry, consistency.

540 Introductory Applied Mathematics. (3) A. Prerequisite: MAT 352. Techniques and applications of: vector analysis, matrix theory, linear and autonomous systems of differential equations, special functions, operational methods, Sturm-Liouville theory, Fourier series, and integrals.

550 Complex Analysis. (3) A. Prerequisite: MAT 414 or departmental approval. Analytic functions and the Cauchy-Riemann equations. Linear fractional transformations and mappings of the elementary functions. Complex integration. Power series, residues and conformal mappings.

555 Graph Theory. (3) A. Prerequisite: MAT 308 or CSC 320. Introduction to the theory and applications of graph theory. Topics will include trees, planarity, connectivity, flows, matching and coloring.

560 Point Set Topology. (3) A. Prerequisite: MAT 301 with a minimum grade of "C". An introduction to topology with emphasis on Euclidean and other metric spaces. Mapping, connectivity, compactness, formation of new spaces, relationship to analysis.

580 Mathematics in a Historical Setting. (3) A. Prerequisite: MAT 301. The history of Mathematics from ancient beginnings until modern times is studied through problems and through the lives and times of mathematicians.

GRADUATE COURSES

703 Number Theory in Elementary and Middle School Education. (3) A.

705 Foundations of Mathematics. (3) A.

706 Number Theory. (3) A.

707 Seminar in Mathematics: ________ (1-3) A.

709 Topics in Applied Abstract Algebra: ________ (3) A.

714 Analysis for the Secondary Teacher. (3) A.

735 Modern College Geometry II. (3) A.

740 Introductory Applied Mathematics. (3) A.

750 Complex Analysis. (3) A.

755 Graph Theory. (3) A.

760 Point Set Topology. (3) A.

780 Mathematics in a Historical Setting. (3) A.

800 Linear Algebra. (3) A.

804 Concepts in Geometry for Elementary and Middle School Teachers. (3) A.

809 Modern Algebra. (3) A.

815 Real Analysis. (3) A.

839 Cooperative Study: Mathematics. (1-3) A.

856 Advanced Applied Mathematics. (3) A.

870 Seminar in Secondary Mathematics: ________ (1-3) A.

871 Numerical Analysis. (3) A.

872 Advanced Numerical Analysis. (3) A.

890 Seminar in Mathematics. (1-3) A.

899 Thesis in Mathematics: ________ (1-6) A.

STA—Descriptive Statistics

208 Descriptive Statistics. (1) I, II. Measures of central tendency and dispersion, introduction to correlation and regression. Credit will not be awarded to students who have credit for STA 209 or ECO 220 or ECO 824 or EPY 842 or HEA 450 or PAD 400 or PSY 291 or STA 270. Gen. Ed. 03 or 04.

209 Elementary Probability. (1) I, II. An introduction to elementary concepts of probability. Credit will not be awarded to students who have credit for STA 400 or ECO 220 or ECO 824 or EPY 842 or HEA 450 or PAD 400 or PSY 291 or STA 270. Gen. Ed. 03 or 04.

210 Elementary Inference. (2) I, II. Prerequisite: STA 209. One and two sample estimation and hypothesis testing. A field project is required. Credit will not be awarded to students who have credit for STA 209 or ECO 220 or ECO 824 or EPY 842 or HEA 450 or PAD 400 or PSY 291 or STA 208 or STA 209 or STA 210. Gen. Ed. 03 or 04.

270 Applied Statistics I. (3) I, II. Prerequisite: MAT 107. Measures of central tendency and dispersion, frequency distributions, probability, sampling distributions, point and interval estimates, hypothesis testing. Credit will not be awarded to students who have credit for STA 208 or ECO 220 or ECO 824 or EPY 842 or HEA 450 or PAD 400 or PSY 291 or STA 208 or STA 209 or STA 210. Gen. Ed. 03 or 04.

271 Applied Statistics II. (3) II. Prerequisite: STA 270 or 210. Inference emphasizing enumerative and quantitative data, chi-square tests, nonparametric methods, elementary experimental design, linear correlation-regression, computerized statistical packages. Credit will not be awarded to students who have credit for ECO 221 or ECO 854 or EPY 843 or PSY 301 or STA 500.

349 Cooperative Study: Statistics. (1-8) I, II; (1-6) Summer Only. Prerequisite: departmental approval. Work in placements related to academic studies. Does not apply to major or minor requirements. Total hours: eight, associate: sixteen, baccalaureate. A minimum of 80 hours of employment is required for each semester hour of academic credit.

370 Applied Probability. (3) I, II. Prerequisite: any calculus course. Intuitive and axiomatic development of probability, set theory, counting techniques, conditional probability, Bayes Theorem, discrete models and distributions, and the law of large numbers.

375 Sampling Theory. (3) A. Prerequisite: STA 270 or 370. Basic concepts of sampling theory, simple random sampling, stratified random sampling, cluster sampling, systematic sampling, samples and sampling error, and regression estimation, applications to surveys.

490 Seminar in Mathematics: ________ (1-3) A. Prerequisite: departmental approval. Topic announced at the time of offering. May be retaken to a maximum of 12 hours, provided the topics are different.

495 Independent Work. (1-3) A. Prerequisite: departmental approval. Directed study research on a problem or area chosen in consultation with instructor. Final paper required. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours.

NATURAL & MATHEMATICAL SCIENCES 179
500 Applied Statistical Inference. (3) A. Prerequisite: departmental approval. Designed for students in all areas. A general background in statistical methods including normal distribution, point and interval estimation, hypothesis testing, regression, analysis of variance, utilizing statistical packages on microcomputers. Credit will not be awarded to students who have credit for ECO 221 or ECO 854 or EPY 843 or PSY 301 or STA 271 or STA 521.

501 Nonparametric Statistics. (3) A. Prerequisite: six hours of statistics or three hours of statistics and departmental approval. Simple, efficient nonparametric methods without normality assumptions. Tests, estimation of proportions, medians, two-sample location-dispersion, one and two-way layout, independence, regression.

507 Seminar in Statistics: _______ (1-3) A. Prerequisite: departmental approval. Topics vary with offering. May be retaken with advisor approval. Provided that the topics are different. Credit toward degree requirements will depend on the course content.

520 Mathematical Statistics I. (3) I. Prerequisites: MAT 223 and STA 270 or 370; or departmental approval. Descriptive statistics, continuous probability distributions for one and two variables, functions of random variables, sampling distributions, estimation theory.

521 Mathematical Statistics II. (3) II. Prerequisites: STA 520 and MAT 214. A continuation of STA 520. Tests of hypothesis, linear regression and correlation, multiple linear regression, analysis of variance, allied topics. Credit will not be awarded to students who have credit for STA 500.

575 Statistical Methods. (3) A. Prerequisite: one of STA 271, 500, 501, or 521; or a course in statistical inference. Statistical methods focusing on the use of computer packages and interpretation of data. Assumptions of parametric and nonparametric tests, utilization of SAS or other packages.

GRADUATE COURSES

700 Applied Statistical Inference. (3) A.
701 Nonparametric Statistics. (3) A.
707 Seminar in Statistics: _______ (1-3) A.
720 Mathematical Statistics I. (3) I.
721 Mathematical Statistics II. (3) II.
775 Statistical Methods. (3) A.
825 Experimental Design. (3) A.
839 Cooperative Study: Statistics. (1-3) A.
880 Seminar in: _______ (1-3) A.

DEPARTMENT OF
NATURAL SCIENCE

B. MacLaren, Chair; Frisbie, Maki, Reynolds, Wernegreen.

The Department of Natural Science is an interdisciplinary department offering science courses specifically designed for non-science students to meet the General Education science requirements (Area IV). Some courses will satisfy the biological and physical science laboratory component. Other non-laboratory courses are taught with an interdisciplinary approach and are an appropriate way to complete Area IV requirements.

The principal aims of the Department of Natural Science are to: (1) increase students' understanding of the nature of science and its relationship to technological change and ethical and social problems; (2) present basic principles of the biological and physical sciences; and (3) demonstrate the complexity and global nature of many current scientific problems.

Course Descriptions

NAT—Natural Science

101 Biology: The Science of Life. (3) I, II. This biological science course emphasizes human relationships with the natural world by studying concepts in ecology, inheritance, evolution, and the functioning of living systems. Credit will not be awarded to students who have credit for BIO 100. 2 Lec 2 Lab. Gen. Ed. 13.

171 The Physical Universe. (3) I, II. An interdisciplinary course on natural philosophy, emphasizing science as a creative activity. It traces the evolution of our conceptions of science, the universe, matter, and energy. Credit will not be awarded to students who have credit for PHY 101. 2 Lec 2 Lab. Gen. Ed. 14.

172 The Physical Environment. (3) I, II. This course explores aspects of the earth sciences (meteorology, oceanography, geology, and chemistry), emphasizing common concepts. Everyday experiences are used to illustrate physical principles. Credit will not be awarded to students who have credit for NAT 173. 2 Lec 2 Lab. Gen. Ed. 14.

173 The Physical Environment. (3) II. This course is identical to NAT 172 except that a discussion/lecture session replaces the laboratory. Credit will not be awarded to students who have credit for NAT 172. Gen. Ed. 15/16.

300 Science as a Human Endeavor. (3) I, II. Using examples from biological and physical science this course investigates the scientific community, its structure, methods, and philosophy. Emphasis is on scientific revolutions that have affected perceptions of space, time, and cause. Gen. Ed. 15/16.

310 Topics in the Natural Sciences. (1-3) A. Selected interdisciplinary topics and topics of current interest in the natural sciences. May be retaken to a maximum of three hours provided topic is different each time. Gen. Ed. 15/16.

353 Ecology and Human Affairs. (3) I, II. Formerly NAT 263. A biological science course that develops the basic principles of ecology, and uses them as a basis for consideration of agriculture, land use, endangered species, and other environmental issues. Gen. Ed. 15/16.

380 Science and Society. (3) I, II. Formerly NAT 280. By investigating incidences in which scientific knowledge interacts with society, this course attempts to understand the involvement of science with religion, government, technology, human population, energy, the environment, and the future. Gen. Ed. 15/16.

DEPARTMENT OF
PHYSICS AND ASTRONOMY

J. Faughn, Chair; Calkin, Cook, Kuhn, Laird, Sousa, Teague.

The various educational missions of the Department of Physics and Astronomy are accomplished by offering the following programs: (1) The Bachelor of Science in Physics degree program is designed primarily for students who plan to continue their professional education by enrolling in a graduate program in physics, in some field of engineering (which is applied physics), or in an interdisciplinary science such as geophysics, biophysics, materials science, and many other fields where a basic knowledge of physics/science is required. (2) The option in applied physics is intended primarily for students who seek educational training for employment in industry or business (professional capacity) with a baccalaureate degree. (3) The Bachelor of Science in physics (teaching) degree program is intended for those students who plan to teach physics, astronomy, and science in secondary schools. Teaching majors are required to complete a minor or second major in either another natural science or in mathematics. (4) A minor in physics is recommended to majors in other fields to broaden and support their educational background. Particularly, a teaching minor in physics is recommended for students majoring in another science or mathematics teaching program.
Physics

MAJOR (BACHELOR OF SCIENCE)

Major Requirements ............................................................... 37 hours
Core.................................................................................. 21 hours
PHY 201, 202, 300, 301; 306 or 308; and 558. At the discretion of the chair, PHY 131 may be substituted for PHY 201.

Options

Physics (General) ......................................................... 16 hours
PHY 520, 559, MAT 225, and six hours from any PHY course numbered 300 and above, except PHY 506.

Applied Physics .......................................................... 16 hours
PHY 221, 315, 375, and seven hours from CSC 300, EET 253, 257, 354, PHY 306, 308, 502, or 510.

Supporting Course Requirements .................................. 27 hours
CHE 111, 112, CSC 174 (or any approved programming language course), MAT 121 +, 122, 223, 353, and EET 252.

General Education Requirements .................................. 37 hours
Standard General Education program, excluding courses in categories 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................................. 9 hours
NMO 100; eight hours of restricted electives.

Free Electives..................................................................... 18 hours

Total Curriculum Requirements .................................... 128 hours

PREPARATORY COURSE: Preparatory course in mathematics may be required before admission to MAT 121.

Physics (Teaching)

MAJOR (BACHELOR OF SCIENCE)

Refer to the College of Education section of this Catalog regarding several teacher certification requirements associated with this degree program.

Major Requirements ............................................................ 30 hours
AST 135; PHY 201 and 202, or 131 and 132; PHY 300, 301, 506; PHY 306 or 308; a minimum of six hours selected from AST 330, PHY 221, 306, 307, 308, 375, 502, 558, or EET 252.

Minor Requirements .............................................................. 12-15 hours
The teaching minor must be in another natural science or mathematics.

Supporting Course Requirements .................................... 18 hours
CHE 111, 112, MAT 121 +, 122, and three hours of an approved computer language.

Teacher Education Requirements ................................... 28 hours
EDF 102, 202, 317, EPY 318, ESE 451, 498, and 499.

General Education Requirements .................................... 37 hours
Standard General Education program, excluding courses in categories 14, 15, and 16. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................................... 9 hours
NMO 100; eight hours of restricted electives.

Total Curriculum Requirements ....................................... 134-137 hours
+MAT 109 may be required before admission to MAT 121.

MINOR IN PHYSICS

A student with a major in another field may complete a minor in physics by taking PHY 201, 202, and a minimum of eight additional hours of physics numbered 300 and above to total of 18 hours. PHY 131 may be substituted for PHY 201, and PHY 132 may be substituted for PHY 202.

A student with a teaching major in a natural science or mathematics may take a minor in physics (teaching). The required courses are AST 135; PHY 201 and 202, or 131 and 132, 300; 306 or 308; plus three additional hours from the teaching major except AST 330.

GRADUATE PROGRAMS

The Department of Physics and Astronomy offers advanced degree programs. The Master of Science in physics is designed primarily to prepare graduate students for professional careers in industry, community college teaching, and/or further graduate studies in physics. The Master of Arts in Education degree with an option in physics is offered in the College of Education with the cooperation of the Department of Physics and Astronomy.

The Master of Arts in Education degree with an option in general science is offered in the College of Education with the cooperation of the Department of Physics and Astronomy and the other natural science departments. The regulations for these degrees can be found in the College of Education section of the Graduate Catalog.

Course Descriptions

PHY—Physics

101 Physical Science (Physics). (3) I, II. Designed primarily for the non-science student. Topics on energy, sound, light, electricity, magnetism, and nuclear phenomena. Credit will not be awarded to students who have credit for MAT 171 2 Lab. Gen. Ed. 14.

131 College Physics I. (5) I, II. Prerequisites: one unit each of high school algebra and plane geometry, Fundamental ideas of mechanics, heat, and sound. 4 Lab 2. Gen. Ed. 14.


201 University Physics I. (5) I. Corequisites: MAT 121 or 124 Composition and resolution of forces, laws of equilibrium, Newton's laws of motion, work and energy, momentum, simple harmonic motion, hydrodynamics, heat phenomena. 4 Lab. 2. Gen. Ed. 14.

202 University Physics II. (5) I, II. Prerequisites: PHY 201 and MAT 121 or 124. Electrodynamics, electric potential, dielectrics, A.C. and D.C. circuits, magnetic fields, Faraday's Law, sound, wave motion, geometrical and physical optics. 3.4 Lab. 2. Gen. Ed. 14.

221 Statics. (3) A. Prerequisite: PHY 201 Corequisites: MAT 122 or 224. Study of force systems on bodies at rest, descriptions of force systems, distributed and internal forces, applications of hydrostatics, frames and trusses, beams.

300 Modern Physics I. (3) I. Prerequisites: PHY 132 or 202 and MAT 109. Physics of the 20th century. Topics include special relativity, quantum effects, wave theory, Bohr theory, structure of the hydrogen atom.

301 Modern Physics II. (3) II. Prerequisite: PHY 300. A continuation of PHY 300. Topics include atomic and molecular structure, nuclear structure, nuclear reactions, elementary particles.

306 Classical Physics Laboratory. (2) I. Prerequisites: PHY 132 or 202 and a knowledge of BASIC programming. Experiments in mechanics, optics, and electricity. Techniques of interfacing scientific equipment to microcomputers. 4 Lab.


308 Atomic and Nuclear Laboratory. (2) I. Prerequisite: a computer language. Corequisites: PHY 301. Various experiments demonstrate types and effects of radiation, properties of atoms and nuclei, and experimental, computer, and analytical techniques. 2 Lab.


349 Cooperative Study: Physics, (1-8) A. Work in placements related to academic studies. A minimum of 80 hours employment is required for each semester hour of academic credit. Total hours: eight, associate six. Baccalaureate. Hours earned in PHY 349 will not apply toward a physics major or minor.


506 Physics for High School Teachers. (3) A. Prerequisites: one year of college physics and instructor approval. Topics from general and modern physics to prepare teachers to teach high school physics and give classroom demonstrations. 2 Lec-3 Lab.

510 Special Problems in Physics: _______. (1-6) A. Prerequisites: PHY 202 and instructor approval. Special laboratory experiments, development of new equipment, or solution of special mathematical problems related to physics. May be retaken to a maximum of six hours provided subject matter is different each time. Student must have the independent study form approved by faculty supervisor and department chair prior to enrollment.

520 Electricity and Magnetism. (4) A. Prerequisites: PHY 202 and MAT 225. Electrostatics in vacuum and dielectrics, solutions by Laplace's and Poisson's equations, magnetic fields, induced EMFs, magnetic materials, and Maxwell's equations.

558 Classical Mechanics I. (3) A. Prerequisite: PHY 202. Corequisite: MAT 353. Applications of calculus to the principles of classical mechanics. Topics include vectors, rectilinear motion in one dimension, motion in three dimensions, non-inertial reference systems, central forces, and celestial mechanics.

559 Classical Mechanics II. (3) A. Prerequisite: PHY 558. Continuation of PHY 558. Topics include many-bodied systems, rigid bodies, Lagrangian and Hamiltonian mechanics, coupled harmonic oscillators, wave motion.

570 Quantum Mechanics. (3) A. Prerequisite: PHY 558. Basic principles of wave mechanics, solutions of Schrödinger wave equation for simple systems, interpretation of solutions and application to atomic and molecular problems.

GRADUATE COURSES

702 Physical Optics. (3) A.

705 Physics for High School Teachers. (3) A.

710 Special Problems in Physics: _______. (1-6) A.

720 Electricity and Magnetism. (4) A.

738 Classical Mechanics I. (3) A.

759 Classical Mechanics II. (3) A.

770 Quantum Mechanics. (3) A.

800 Physics for Elementary School Teachers. (1-6) A.

801 Advanced Mathematical Physics. (3) A.

806 Selected Topics in Physics for Teachers. (3) A.

808 Selected Topics in Physical Science for Secondary Teachers. (1-6) A.

809 Inquiry Physics for Teachers. (3) A.

810 Physics for Teachers of Physical Science. (3) A.

811 Demonstration and Experiments for Physical Science Teachers. (3) A.

814 Modern Instrumentation. (3) A.

815 Advanced Nuclear Physics. (3) A.

820 Semiconductor Physics. (3) A.

825 Electromagnetic Waves. (3) A.

839 Cooperative Study: Physics. (1-6) A.

840 Electronics II. (4) A.

860 Advanced Classical Mechanics. (3) A.

871 Intermediate Quantum Mechanics. (3) A.

880 Special Topics in Physics. (1-3) A.

881 Selected Topics. (1-3) A.

882 Statistical Mechanics. (3) A.

890 Thesis Research. (1-6) A.

890C Thesis Continuation. (1-9) A.

AST—Astronomy

130 Introductory Astronomy. (3) I, II. Elementary survey course; study of Moon, Sun, and eclipses; Solar System; Milky Way and far stars. Non-laboratory. Credit will not be awarded to students who have credit for AST 135. Gen. Ed. 15/16.

135 Introductory Astronomy. (3) I, II. This course is the same as AST 130 except that a laboratory is offered in place of certain topics. Credit will not be awarded to students who have credit for AST 130. Lec-2 Lab. Gen. Ed. 14.

330 Theories of Modern Astronomy. (3) A. Investigation into modern controversies concerning origins of Earth, Sun, planets, galaxies, and Universe. Considerations also of theories concerning the natures of pulsars, quasars, black holes. Non-laboratory. Gen. Ed. 15/16.
The social and behavioral sciences are concerned with humankind's social, political, economic, and psychological development. Their focus is on the various peoples of the world and their histories, cultures, physical environments, and problems. The knowledge provided by the social and behavioral sciences, along with that provided by the humanities and natural sciences, comprises an essential part of the education of an individual. A broad, liberal education allows one to be more comfortable in any cultural setting, more aware of one's potential and opportunities, and more capable of choosing values and goals in life.

Students enrolled in one of the college's programs receive a general education which broadens their knowledge and gives them a perspective which extends across individual academic disciplines. The College also offers students the opportunity to study a particular discipline in depth. The combination of general and specialized education provides a valuable background for careers in many areas such as business, industry, government service, and education, as well as further study in graduate and professional schools.

In its role of providing for a general education, the objectives of the college are to help students:

- Develop the ability to analyze information critically, to improve their ability to read and listen with comprehension, and to express themselves clearly in speech and writing.
- Acquire an understanding of humankind's past and present achievements, and develop the competence and confidence to deal with the challenges of the future.
- Understand themselves and their society so that they can intelligently shape as well as adapt to conditions in our progressively industrializing, interdependent world.
- Understand their role in society and develop a sense of ethical value and individual responsibility.

In its role of providing specialized education the objectives of the College are to:

- Provide students with an opportunity for study in depth in one of the major disciplines within the College.
- Assist students in choosing, and preparing for, socially useful and personally satisfying vocations that will permit them to use their particular interests and abilities.
- Help students realize the importance of continuing their education after completing a formal degree program.

The College consists of six academic departments: Anthropology, Sociology and Social Work; Geography and Planning; Government; History; Psychology; and Social Science.

The College of Social and Behavioral Sciences offers instruction for professional and pre-professional fields and cooperates with the other colleges in providing upper level courses and programs. It further cooperates with the Graduate School in offering graduate courses and programs.

DEGREES OFFERED

The following undergraduate degrees are offered: Associate of Arts, Bachelor of Arts, Bachelor of Science, and Bachelor of Social Work. The Bachelor of Individualized Studies degree is also offered in cooperation with the College of Arts and Humanities and the College of Natural and Mathematical Sciences. For a description of the Bachelor of Individualized Studies program, see the College of Arts and Humanities section of the Catalog.

The Associate of Arts is conferred upon students who major in paralegal studies. The Bachelor of Arts is conferred upon students who major in anthropology, economics, geography (with options in planning and travel and tourism) history, paralegal science, political science, and sociology. The Bachelor of Science is conferred upon students who major in psychology. The Bachelor of Social Work is conferred upon students who major in social work.

DEGREE REQUIREMENTS

General University degree requirements are listed on page 23 in Part Three of this Catalog. Specific requirements for degree programs are found in the appropriate departmental sections of this Catalog. Requirements for paralegal programs are listed under the Department of Government. The Academic Orientation course (CSO 100) is common to all programs in the College. Students are responsible for planning their programs and registering for the proper courses so that they will have satisfied all requirements at the time they expect to graduate.

In addition to the general University requirements, specific requirements for the Bachelor of Arts, Bachelor of Science, and Bachelor of Social Work degrees in the College of Social and Behavioral Sciences are as follows:

1. An overall GPA of 2.0 is required in all courses taken in the major field and in those specified as major requirements.
2. Students majoring in social work and in the paralegal programs must attain a minimum grade of "C" in all courses specified for the major and in supporting courses.
3. Each student must select a major, which consists of a minimum of 30 hours in a specific field of study. The minimum number of hours for a non-teaching minor is 18; the minimum number of hours for a teaching minor is 21.
4. Students desiring teaching certification in a social or behavioral science, except in history, are required to have a teaching minor (21 hours). Students obtaining teaching certification in history may take related courses in lieu of a teaching minor.
5. Students who transfer from another college or university must earn a minimum of 12 hours in their major at Eastern. The paralegal programs require a minimum of 15 hours earned at Eastern. Where a minor is required, students must earn a minimum of three hours in the minor at Eastern.

APPLICATION FOR PLANNED CURRICULUM
Students are responsible for planning their programs and registering for the proper courses so that they will have satisfied all requirements at the time they expect to graduate. After completing 60 semester hours of course work, it is the student’s responsibility to apply for a planned curriculum, which will specify the remaining graduation requirements.

The planned curriculum is prepared in consultation with a faculty advisor from the department of the student’s major. Application is made to the Dean of the College. Teaching majors must have been admitted to the Teacher Education Program prior to the preparation of a planned curriculum. Any changes in the planned curriculum must be approved by the advisor, department chair, the Dean of the College, and in programs involving teacher certification, the Dean of the College of Education.

APPLICATION FOR GRADUATION
Students are required to file an application for graduation in the dean’s office. Applications should be filed by April 30 in order to graduate in December, or by October 31 in order to graduate in May or August.

GRADUATE PROGRAMS
In cooperation with the Graduate School, the College offers the Master of Arts, Master of Science, and Master of Public Administration degrees. The Master of Arts is offered in history and political science. The Master of Science is offered in psychology (clinical and school). The Master of Public Administration degree is offered in the Department of Government with options in community development and community health administration.

The College of Education offers the Master of Arts in Education with options in geography, history, political science, psychology, and sociology. The departments in the College of Social and Behavioral Sciences cooperate in offering these programs which are described in the Graduate Catalog.

GRADUATE COURSE CREDIT
All 700 level courses have undergraduate counterparts bearing the same last two digits. The 700 level courses are offered only for graduate level credit and require additional appropriate experiences for all students enrolled. Students who have previously taken the undergraduate counterpart of these courses at the 500 level will not be permitted to enroll for graduate level credit in the 700 level counterpart.

SOCIAL AND BEHAVIORAL SCIENCES COURSES
CSO—Orientation

100 Academic Orientation. (1) I. An introduction to the programs of the University and the College. Discussion of how to study, what to consider in choosing a profession, and what career opportunities exist for graduates from the College’s programs. Additional topics include University regulations, publications, and support areas. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours.

CSB—Interdisciplinary

315 Topics in Social Science General Education. (3) A. An experimental general education course. Content will vary with each offering. May be retaken to a maximum of six hours provided subject matter differs each time. Gen. Ed. 12.

499 Independent Work. (3-6) I, II. Independent research and/or field work required for the program of Bachelor of Individualized Studies. Prerequisite: GPA of 2.5 up to last semester of program in Bachelor of Individualized Studies degree. May be retaken to a maximum of six hours credit provided a different subject is studied each time.

500 Interdisciplinary Seminar. (3) A. In-depth consideration of problems which involve several disciplines. A different problem will be considered each time course is offered. Representatives of various disciplines will participate in instruction. May be retaken to a maximum of six hours, provided subject matter differs each time.

GRADUATE COURSES

700 Interdisciplinary Seminar. (3) A.

Economics

MAJOR (BACHELOR OF ARTS)

In cooperation with the Department of Economics, the College of Social and Behavioral Sciences offers the Bachelor of Arts in economics. Course offerings are listed in the Department of Economics, under the College of Business section of this Catalog. The degree requirements for the B.A. in economics are listed below.

Major Requirements .................................................. 30 hours
ECO 221, 230, 231, 350, and 351; 15 additional hours of upper division courses in economics.

Supporting Course Requirements ................................. 21-39 hours
MAT 211 or equivalent. The other requirements will be determined by consultation between the Chair of the Department of Economics and the Dean of the College of Social and Behavioral Sciences.

General Education Requirements ............................... 46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ........................................... 9 hours
CSO 100; eight hours of restricted electives.

Free Electives ......................................................... 4-22 hours

Total Curriculum Requirements ................................. 128 hours

Economics (Teaching)

MAJOR (BACHELOR OF ARTS)

In cooperation with the Department of Economics, the College of Social and Behavioral Sciences offers the Bachelor of Arts in economics (teaching). This major must be taken in conjunction with an approved major or minor.

The supporting major or minor must be approved by the Dean of the College of Social and Behavioral Sciences and the Chair of the Department of Economics and the Department of Curriculum and Instruction.

Major Requirements .................................................. 30 hours
ECO 221, 230, 231, 324, 330, 350, and 351; nine additional hours of upper division courses in economics.
Supporting Course Requirements ........................................ 24-33 hours
MAT 211 or equivalent and a major or minor approved by the
Dean of the College of Social and Behavioral Sciences, the
Chair of the Department of Economics, and the Department of
Curriculum and Instruction.

Teacher Education Requirements .................................. 28 hours
EDF 102, 202, 317, EPI 318, ESE 449, 498, and 499.

General Education Requirements ................................. 46 hours
Standard General Education program. Refer to Part Three of
this Catalog for details on the General Education and University
requirements.

University Requirements ................................................. 9 hours
CSO 100; eight hours of restricted electives.

Total Curriculum Requirements .................................. 137-146 hours

DEPARTMENT OF
ANTHROPOLOGY,
SOCIOLoGY,
AND
SOCIAL WORK

S. Savage, Chair; Allen, Banks, Burnham, Curra, Denton,
Futrell, Goldstein, Good, Luhrman, Mohany, Walker, Welch,
Winther, Wisenbaker.

This department offers degrees in anthropology, sociology, and
social work. Anthropology is the study of humankind from a broad
viewpoint, examining human biological and cultural diversity through
time and space. Anthropology emphasizes the interaction of hu-
man biology, culture, and the environment. The curriculum helps
students to understand persons of different cultural and ethnic
heritages, and themselves, in relation to both biological and
cultural evolution. This perspective helps to prepare persons for
careers in teaching, industry, government, law, developmental
agencies, public relations, social science research, journalism,
administration, and social work. Anthropological studies provide
training applicable for employment in public health, state salvage
archeology, park service, and museum curatorship. Students with
undergraduate degrees in anthropology are also prepared for
graduate training in anthropology.

The program in sociology is designed for persons desiring to
learn about social relationships and societal processes. In their
studies students examine the dynamics of social change, social
organization, deviance and crime, the emergence of personality,
and other topics. Students also acquire skills in data analysis and
social research.

Persons with sociology majors find employment and academic
opportunities in teaching, social welfare, personnel and industrial
placement, criminal justice agencies, research in public agencies,
and work in community organizations such as city planning de-
partments, health and recreational facilities, and housing pro-
grams. Many sociology majors continue their studies with gradu-
ate programs in sociology, demography, criminal justice, or related
areas.

Social work is the professional application of social work values,
principles, and techniques to one or more of the following ends:
helping people obtain tangible services; helping individuals, fami-
lies, and groups to improve their social functioning; helping com-
munities or groups provide or improve social and health services;
and participating in relevant legislative processes. The practice of
social work requires knowledge of human development and be-
havior; of social, economic and cultural institutions; and of the
interaction of all of these factors. The major in social work has two
primary goals:
1. To assist the student in developing the necessary skills,
attitudes, and knowledge base for beginning generalist social
work practice in a variety of public and private agencies; and
2. To provide a knowledge, value, and skill base with which the
student may further develop professional growth through graduate
work, continuing education courses, and other professional develop-
ment programs.

Anthropology
MAJOR (BACHELOR OF ARTS)

Major Requirements ............................................... 33 hours
ANT 120, 201, 210, and 211; 15 hours of upper division
anthropology courses, including nine hours selected from three
of the following four categories:
ANT 345, 350, 470 or equivalent;
ANT 330, 331, or 435;
ANT 440;
ANT 365, 385; or 385;
and six hours in ANT to be selected in consultation with the
advisor.

General Education Requirements .............................. 46 hours
Standard General Education program. Refer to Part Three of
this Catalog for details on the General Education and University
requirements.

University Requirements ................................................. 9 hours
CSO 100; eight hours of restricted electives.

Free Electives .............................................................. 40 hours

Total Curriculum Requirements ................................128 hours

MINOR IN ANTHROPOLOGY
A student may minor in anthropology by taking a minimum of 18
hours as follows: ANT 120, 201; ANT 210 or 211; nine hours of
upper division ANT electives.

Sociology
MAJOR (BACHELOR OF ARTS)

Major Requirements ............................................... 30 hours
SOC 131, 232, 395, 460, and 561; 15 hours of SOC electives,
12 of which must be upper division hours.

General Education Requirements .............................. 46 hours
Standard General Education program. Refer to Part Three of
this Catalog for details on the General Education and University
requirements.

University Requirements ................................................. 9 hours
CSO 100; eight hours of restricted electives.

Free Electives .............................................................. 43 hours

Total Curriculum Requirements ................................128 hours

SOCIAL & BEHAVIORAL SCIENCES 187
Sociology (Teaching)
MAJOR (BACHELOR OF ARTS)

Major Requirements .................................................. 30 hours
SOC 131, 232, 395, 460, and 561; 15 hours of SOC electives,
12 of which must be upper division hours.

Minor ............................................................. 21 hours
A 21 hour teaching minor in art, English, French, history, math-
ematics, or Spanish is required unless a student has a second
major in one of these programs.

Teacher Education Requirements .......................... 28 hours
EDF 102, 202, 317, ESY 318, ESE 449, 498, and 499.

General Education Requirements .......................... 46 hours
Standard General Education program. Refer to Part Three of
this Catalog for details on the General Education and University
requirements.

University Requirements ........................................... 9 hours
CSO 100; eight hours of restricted electives.

Total Curriculum Requirements .............................. 128 hours*

*Careful selection of minor courses is required to stay within the 128 hour total.

MINOR IN SOCIOLOGY

A student may minor in sociology by completing the following
courses: SOC 131 and 15 hours of SOC electives, 12 of which
must be upper division. Three hours of upper division ANT may
be applied to the 15 hours. A total of 21 semester hours is required
for a teaching minor.

SOCIAL WORK PROGRAM
M. J. Allen, Program Coordinator

To major in social work a student must declare social work as a
first major. To enroll in either of the practicum courses, SWK 390
or SWK 490, a student is required to complete the prerequisites
for the specific course; maintain a cumulative grade point average
of 2.0; attain a minimum grade of "C" in each course specified for
the major and supporting courses; and apply for admission to the
specific practicum course the semester prior to enrollment. For
additional information, contact the practicum instructor.

Social Work
MAJOR (BACHELOR OF SOCIAL WORK)

Major Requirements .................................................. 42 hours
SWK 210, 225, 310, 311, 335, 350, 354, 360, 390, 410, 445,
and 490.

Supporting Course Requirements .......................... 15 hours
POL 333, PSY 202, SOC 131, 232, and 400.

General Education Requirements .......................... 46 hours
Standard General Education program. Refer to Part Three of
this Catalog for details on the General Education and University
requirements.

University Requirements ........................................... 9 hours
CSO 100; eight hours of restricted electives.

Free Electives ..................................................... 16 hours

To broaden their experience and knowledge, students are en-
couraged to complete their programs with electives selected
from anthropology, child development, economics, health, man-
agement, law enforcement, political science, psychology, recrea-
tion, rehabilitation, sociology, special education, and speech.

Total Curriculum Requirements .............................. 128 hours

MINOR IN SOCIAL WELFARE

A student may minor in social welfare by completing the follow-
ing courses: SWK 210, 310, 311, 410, and six hours of upper
division SWK or SOC electives.

GRADUATE PROGRAMS

The Department of Anthropology, Sociology, and Social Work
offers graduate level courses in support of the community devel-
opment option of the Master of Public Administration Program
offered in the Department of Government. The Master of Arts in
Education degree with an option in sociology is offered in the
College of Education with the cooperation of the Department of
Anthropology, Sociology, and Social Work. The regulations for this
degree may be found in the College of Education section of the
Graduate Catalog.

Course Descriptions

ANT—Anthropology

120 Introduction to Cultural Anthropology. (3) I, II. Exploration of culture
and related concepts. Development of generalizations concerning social, economic,
political, and ritual organization, based chiefly on comparative study of various
traditional societies. Includes a brief survey of archeology and linguistics. Gen. Ed.
09;

201 Introduction to Physical Anthropology. (3) I, II. General survey of the
principal areas of physical anthropology, emphasizing contemporary human
biological variation and including an appraisal of hominid's place within the biological
realm and the role of genetics, osteology, and primatology in the study of humans. 2 Lec:2
Lab. Gen Ed. 15 or 16.

206 Human Evolution. (3) A. An introduction to primate and human evolution,
emphasizing the fossil evidence of hominid's evolution and the development and
evolution of human material culture. 2 Lec:2 Lab. Gen Ed. 15 or 16.

210 Non-Industrial Societies Around the World. (3) I, II. Descriptive survey of
non-industrial societies from various parts of the world, emphasizing the levels of
societal development. Gen Ed. 10.

211 Industrial Societies Around the World. (3) I, II. Various aspects of cultures
in the Industrial Age, presented in evolutionary and global perspective, and including
the industrialization of the underdeveloped world, and the implications of automation,
cybernetics, and other technology. Gen Ed. 11.

325 Problems in Contemporary Cultures. (3) A. Anthropological approach to
contemporary history including cultural crises in industrialized civilizations, and the
problems arising from the industrialization of traditional societies; implications of
current trends in culture change. Problems addressed dependent upon instructor.
Gen Ed. 12.

330 American Indians. (3) A. Prerequisite: ANT 120, 201, 210, or 211; or
instructor approval. Descriptive and comparative study of representative native
American cultures, emphasizing Indians of North America, and including culture area
concept and culture change since European contact.

331 Appalachia: A Cultural Perspective. (3) A. Cross listed as SWK 331.
Prerequisites: SOC 131 and three hours of ANT, SOC, or SWK. Sociocultural
perspective of Appalachia. Relationship of physical characteristics; beliefs, occupa-
tional; family; kinship patterns to health. Cross-cultural professional prac-
tice skills and errors of intercultural helping. Credit will not be awarded to students
who have credit for SWK 331.

340 Folk and Peasant Societies. (3) A. Prerequisite: ANT 120, 210, or 211; or
instructor approval. Emphasizes the relatively static nature of these societies and their
extensiveness. Consideration of problems resulting from contacts with non-
peasant societies.

345 Selected Topics in Archeology. (3) A. Prerequisite: ANT 120, 210,
or 211; or instructor approval. Sample topics: systems of chronology; historic archeo-
logical sites. May be retaken to a maximum of nine hours, provided the subject
matter differs each time.

350 Introduction to Archeology. (3) A. Prerequisite: ANT 120 or instructor
approval. An introduction to archeological method and theory, including reconna-
sissance, surface survey, excavation, and processing, classification analysis, and inter-
prediction of the past. The course will include practical archeological exercises.

365 Selected Topics in Physical Anthropology. (3) A. Prerequisite:
ANT 201 or instructor approval. Sample topics: monkeys; apes; and humans;
paleopathology; human osteology. May be retaken to a maximum of nine hours,
provided the subject matter differs each time.

375 Selected Topics. (3) A. Prerequisite: ANT 120, 210, or 211; or
instructor approval. Sample topics: Legal and Political Anthropology; Population Genet-
ics; Cultural Ecology. May be retaken to a maximum of nine hours credit, provided
the subject matter differs each time.
130 Forensic Anthropology. (3) A. Prerequisite: ANT 201 or instructor approval. Forensic osteology and dentistry; including demography methods, pathology, and practical methods of collecting human physical evidence; and the role of the expert witness. 2 Lab. Gen. Ed. 15 or 16.

135 Bones, Bodies, and Disease. (3) A. Prerequisite: ANT 201 or instructor approval. Introduction to paleopathology, the study of diseases and injuries in ancient human populations, as shown primarily by skeletal remains and secondarily by art and literatures.

139 Sex Roles in Traditional and Contemporary Society. (3) A. Cross listed as SOC 399. Prerequisite: ANT 120, 210, 211, or SOC 131; or instructor approval. Consideration of the roles women and men have in traditional societies and their changing roles in industrial societies. Credit will not be awarded to students who have credit for SOC 399.

141 Anthropological Gerontology. (3) A. A comparative and historical study of the physical and sociocultural aspects of human aging from a societal and global perspective.

435 Area Course in Ethnology: ______ (3) A. Prerequisite: ANT 120, 210, or 211; or instructor approval. Cultures in selected areas of the world. May be retaken to a maximum of six hours credit, provided the subject matter differs each time.

440 Language and Culture. (3) A. Prerequisite: instructor approval. Analysis of the role of language in human experience, mutual effect of language on culture, and culture on language.

470 Field Methods: Archeology. (3) A. Prerequisite: 12 hours in anthropology or instructor approval. Introduction to both excavating techniques and laboratory classifications and the analysis of evidence. Attention given to accurate reporting and analysis.

590 Tutorial in Anthropology. (1-3) A. Prerequisite: student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment. May be retaken to a maximum of six hours credit, provided the subject matter differs each time. Directed study in anthropology.

SOC—Sociology

131 Introductory Sociology. (3) I, II. Basic principles and concepts of sociology, including culture, personality, social structure, group, social processes, and social change. Gen. Ed. 09.

232 Introductory Sociological Analysis. (3) I, II. Prerequisite: SOC 131. Analysis of sociological concepts in terms of concept formation, measurement, interpretation, and presentation in graphic and table form.

235 Social Problems. (3) I, II. Analysis of selected social problems such as crime, mental illness, homosexuality, divorce, population, and poverty. The analysis includes the definition, causes, and consequences of social problems. Gen. Ed. 12.

237 Population and Society. (3) A. Examination of population problems; national and international policies and relationships between population and social structure. Gen. Ed. 12.

245 Sociology of the Family. (3) A. Prerequisite: SOC 131 Family as an institution in society, its relation to cultural transmission and personality development; its relation to the wider institutional structure of society. Credit will not be awarded to students who have credit for CDF 132 or HEC 132.

305 Computers and Society. (3) A. Cross listed as CSC 305 and POL 305. The influence of computers on social and political processes. Software related to sociopolitical issues. Credit will not be awarded to students who have credit for CSC 305 or POL 305.

310 The Sociology of Language Use. (3) I. An examination of the variations and meanings of language use in social groups and the role of language in human interaction.

313 Social Deviance. (3) A. Examination of the social and cultural setting of deviant behavior. Will include an examination of the process of becoming deviant as well as specific types of deviance such as suicide, drugs, sexual deviance and mental illness. Gen. Ed. 15 or 16.

320 Mind, Self, and Society. (3) A. Prerequisite: SOC 131. Relation of the individual to the sociocultural environment, with special reference to personality development, interpersonal role-behavior, motivation, and social attitudes.

340 Juvenile Delinquency. (3) A. Prerequisite: SOC 131. Survey of theories of juvenile delinquency, including evaluation of the constitutional, psychological, and sociological approaches, and dealing with prediction, treatment, and control.

347 The Sociology of the Underground Economy. (3) A. Examination of the underground economy and the consequences of underground economic activity for society.

350 Selected Topics in Sociology: ______ (3) A. Prerequisite: SOC 131 or instructor approval. May be retaken to a maximum of nine hours provided the subject matter differs each time. Sample topics: Appalachian sociology; sexism and society; utopians.

353 Sociology of Health and Illness. (3) A. Prerequisite: SOC 131 or instructor approval. Social and cultural dimensions of health and illness; analysis of mainstream and alternative health professions and medical facilities.

360 The Community. (3) A. Prerequisite: SOC 131. Characteristics of community relations in society: structure and changes in community life; changing needs and resources of modern communities.

365 Social Change in Appalachia. (3) A. Prerequisite: SOC 131 or instructor approval. Analysis of patterns of social change and development in an important area of the southern United States, central and southern Appalachia. Emphasis will be placed upon comparing theoretical perspectives and the importance of historical research.

375 Criminology. (3) A. Prerequisite: SOC 131. Survey of theories of criminal behavior as applied to the social processes of law making and law breaking; prediction and control of crime.

395 Research Methods in Sociology. (3) II. Prerequisites: SOC 131 and 232. Methods and techniques of sociological research, including collecting, measuring, analyzing, processing, and presenting social data.

399 Sex Roles in Traditional and Contemporary Society. (3) A. Cross listed as ANT 399. Prerequisite: ANT 120, 210, 211, or SOC 131; or instructor approval. Consideration of the roles women and men have in traditional societies and their changing roles in industrial societies. Credit will not be awarded to students who have credit for ANT 399.

400 Racial and Cultural Minorities. (3) A. Prerequisite: SOC 131. Analysis of dominant and minority groups from the perspective of sociology and related social sciences with an emphasis on racial and cultural groups in the United States. An examination of prejudice and discrimination.

410 Political Sociology. (3) A. Prerequisite: SOC 131 or instructor approval. Analysis of political behavior and institutions within the structure of society; social attitudes, voting behavior, and political activity.

450 Social Change. (3) A. Prerequisite: six hours of sociology or instructor approval. Analysis of theories of social and cultural change in terms of process and methodology.

455 Collective Behavior. (3) A. Prerequisite: six hours in sociology. Analysis of mass phenomena such as public opinion, rumors, fads, mobs, riots, panics, and social movements; including a consideration of the development and termination of collective behavior forms.

460 Sociological Theory I — Classical Writers. (3) I. Prerequisite: nine hours in sociology. Early developments in sociological theory; definition of the field and formation of schools of thought; the basis upon which contemporary theories are built.

463 Social Stratification. (3) A. Prerequisite: six hours in sociology. Classic and recent studies of social classes and strata; critical analysis of recent research methods; social class, mobility aspirations.

465 Demography. (3) A. Methods of demographic analysis with special emphasis on sources and uses of demographic data; models of population processes such as mortality, fertility, and migration.

470 Seminar in Sociology. (3) A. Prerequisite: nine hours in sociology or instructor approval. Systemic overview of sociology through a general survey of various subdisciplines of the field with emphasis on recent research, theory, issues, and trends.

492 Applied Sociology. (3) A. Prerequisite: six hours in sociology. Applications of principles of sociological theory to problems of present day society, analysis of past societies, or imaginative construction of future societies.

520 Social Organization. (3) A. Prerequisite: instructor approval. Analysis of various types of organizations in American society; internal and external processes and organizational structure.

561 Sociological Theory II — Contemporary Writers. (3) II. Prerequisite: SOC 460 or instructor approval or graduate standing. Current state of sociological theories; recent formulations, controversies, and trends.

565 Sociology of Small Groups. (3) A. Prerequisite: SOC 131 or instructor approval. Studies in the way people behave in small groups; emergence of leadership and coalitions; how changes in task requirements and rules influence the behavior of group members.

590 Directed Study. (1-3) A. Prerequisite: student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment. May be retaken to a maximum of six hours provided the subject matter differs each time. Directed study in sociology.

GRADUATE COURSES

720 Social Organization. (3) A.

761 Sociological Theory II—Contemporary Writers. (3) II.

785 Sociology of Small Groups. (3) A.

790 Directed Study. (1-3) A.

845 Community Development. (3) A.

865 Demography. (3) A.

880 Survey Design and Analysis. (3) A.
SWK—Social Work

210 Introduction to Social Work. (3) I, II. Defines the social welfare system; presents a brief history; introduces philosophy, values, processes of the social work profession; emphasizes the relationship aspect of social work; includes a volunteer requirement.

225 Human Social Interactions. (3) I, II. Formerly SWK 280. Prerequisites: SOC 131, PSY 202, and SWK 210. Systems view of human behavior and social environment; explores developmental life cycle within social work perspective, emphasizes sociobiological nature of individual human system; diversity of human experience is addressed.

310 Social Welfare Services I. (3) I, II. Prerequisite: SWK 210 or instructor approval. Study of income maintenance programs and services to families and children; role of social workers in these programs.

311 Social Welfare Services II. (3) A. Prerequisite: SWK 310 or instructor approval. Study of social programs/services in specialized systems such as health care, corrections, women's services, mental health, and gerontology; role of social workers in these systems.

331 Appalachia: A Cultural Perspective. (3) A. Cross listed as ANT 331. Prerequisites: SOC 131 and three hours of ANT, SOC, or SWK. Sociocultural perspective of Appalachia. Relationship of physical characteristics; beliefs; occupation; personality; family/kinship patterns to health. Cross-cultural professional practice skills and errors of crosscultural helping. Credit will not be awarded to students who have credit for ANT 331.

335 Human and Social Processes. (3) I, II. Formerly SWK 380. Prerequisites: SWK 225 and POL 333. Integration of biological, psychological, social structural and cultural theories as they impact human behavior—individual and collective. Systems, human diversity, and goal-directed behavior perspectives.

350 Social Work Practice I. (3) I, II. Formerly SWK 315. Prerequisite: SWK 335 or instructor approval. Corequisite: SWK 354. Theoretical base and basic practice skills for beginning social workers. Includes skills in problem assessment, data collection, contact initiation, and contract negotiation.


360 Social Work Practice II. (3) A. Formerly SWK 316. Prerequisite: SWK 350, 354, and SOC 232; or instructor approval. Student develops skills in formation, maintenance, and coordination of action systems of all sizes; use of influence, evaluation, and effective termination. Tools used include group interaction, community investigation, and program development.

390 Field Experience in a Social Agency. (3) A. Prerequisite: SWK 360. May be taken concurrently with or following SWK 360. Eight hours per week in an agency, special community program, or project approved by Practicum Coordinator plus weekly one-hour seminar. Applications of practice theory and process. Student must apply the previous semester. Social Work majors only.

410 Social Welfare Policy. (3) I, II. Prerequisite: SWK 311 and POL 333; or instructor approval. Relationships among social institutions; dynamics of policy formulation and analysis; policy-relevant tasks of social workers; impact of social welfare policies on human well-being.


455 Selected Topics in Social Work. (3) A. Prerequisite: instructor approval. Course content will be determined by student interest, instructor specialty, and new developments in the profession. May be retaken to a maximum of six hours provided subject matter differs each time.

456 Children's Services. (3) A. Prerequisite: instructor approval. Critical appraisal of societal values of priorities underlying services to children. Examines range of services and skills used in social work practice with children; understanding psychosocial needs of children.

457 Services for the Elderly. (3) A. Prerequisite: instructor approval. Examines societal values relating to the elderly: psycho-social needs of the elderly; community-based and institutional services; and dynamics of working with the elderly and their families.

493 Social Work Practicum. (12) A. Prerequisites: GPA of 2.0 and completion of all other major requirements with a minimum of "C." Supervised practice in a social agency approved by Practicum Coordinator. Four days a week for 12 weeks plus weekly on-campus seminar. Application must be made through Practicum Coordinator the semester preceding placement. Social Work majors only.

590 Directed Study. (1-3) A. Prerequisite: student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment. May be retaken to a maximum of six hours provided the subject matter differs each time.

GRADUATE COURSES

790 Directed Study. (1-3) A.

DEPARTMENT OF

GEOGRAPHY AND PLANNING

W. J. Walker, Chair; Adams, Kubiak, Marionneaux, Quillen, Wasserman, Zurick.

The major goals of the Department of Geography and Planning are to prepare professional geographers for a contributory role in society; to provide the necessary academic background for prospective teachers; and to provide geographic, planning, and tourism information and expertise to the state, local, and university communities.

Graduates with a geography degree may find employment and academic opportunities in such areas as teaching, cartography, remote sensing, economic development, resource management, urban and regional planning, tourism operations, or tourism marketing and development. Career opportunities exist in both the private and public sectors of the economy. A degree in geography also prepares students for advanced study in graduate school.

The Department offers programs of instruction leading to a Bachelor of Arts degree in geography (teaching and non-teaching) and options in planning or travel and tourism. Teaching and non-teaching minors are also offered. Students pursuing the Bachelor of Arts in geography (non-teaching) must take the 21 hour geography core, plus an additional 12 hours in geography. Students pursuing a geography major with an option in planning or travel and tourism are required to take the geography core, plus the courses specified for the option.

Geography MAJOR (BACHELOR OF ARTS)

Major Requirements .................................................. 33 hours

Geography Core ...................................................... 21 hours
GEO 210, 220, GEO 321 or 322, GEO 345 or 347,
GEO 330, 450, and 490.

Majors must select an option in Planning or Travel and Tourism or take the following geography courses: GEO 355, GEO 353 or 555, GEO 553, and three hours of upper division GEO electives ................. 12 hours

Options
Planning .............................................................. 12 hours
PLA 220, GEO 355, and six hours of upper division
PLA electives.

Travel and Tourism ............................................... 12 hours
TNT 210, 310, 315, and 415.

Supporting Course Requirements ......................... 9-18 hours

Geography ............................................................ 9 hours
GLY 108 and six hours to be selected from a departmental approved list.

Planning .......................................................... 9 hours
GLY 108 and six hours to be selected from a departmental approved list.

Travel and Tourism ............................................. 18 hours
The student may minor in business, foodservice administration, planning, political science, public relations, or select 18 hours from a departmental approved list.
MINOR IN GEOGRAPHY
A student may minor in geography by completing a minimum of 18 semester hours as follows: GEO 210, 220, 330, 345, and six hours of upper division GEO electives.

MINOR IN GEOGRAPHY (TEACHING)
A student may minor in geography (teaching) by completing a minimum of 21 semester hours as follows: GEO 210, 220, 330, 345, and nine hours of upper division GEO electives.

MINOR IN NATURAL RESOURCE ANALYSIS
A student may minor in natural resource analysis by completing a total of 18 hours as follows: GEO 210, 353, 355, 556, and six hours from GEO 302, 450, 501, or PLM 300.

MINOR IN PLANNING
A student may minor in planning by completing a total of 18 hours as follows: PLA 220, GEO 321, 355, six hours of upper division PLA electives, and three hours electives from GEO 322, 330, 450, POL 333, or 370.

MINOR IN TRAVEL AND TOURISM
A student may minor in travel and tourism by completing a total of 18 hours as follows: GEO 210, 220, 345, TNT 210, 310, and three hours from TNT 315 or 415.

GRADUATE PROGRAMS
The Department of Geography and Planning provides graduate level courses as support for other related disciplines including the community development option in the Master of Public Administration Program offered by the Department of Government.

The Master of Arts in Education degree with an option in geography is offered in the College of Education with the cooperation of the Department of Geography and Planning. The regulations for the degree may be found in the College of Education section of the Graduate Catalog.

Course Descriptions
GEO-Geography
101 Introduction to Geography. (3) A. Study of the principles of geography stressing cultural change as it pertains to human and physical environment distributions, relationships, and interactions over the earth. Gen. Ed. 09.
170 Maps and Navigation. (3) A. An introductory course designed to aid students in reading, interpreting, and using various types of maps. The specific focus will be on those maps utilized in applied navigation, e.g., dead reckoning.
201 Historical Geography I: Pre-industrial Era. (3) A. The study from a geographic perspective, of the earth’s early human occupancy and the divergent development of culture systems and technologies prior to the industrial revolution. Gen. Ed. 10.
202 Historical Geography II: Modern World. (3) A. Study of the elements of cultural convergence in the modern world and how human technologies have advanced to become the dominant agents in changing the geography of the earth in the modern period of human occupancy. Gen. Ed. 11.
210 Introduction to Physical Geography. (3) A. Study of natural processes operating at the earth’s surface with special emphasis on weather and climate and landforms as explanations for how and why physical and human phenomena vary from place to place. 2 Lec/2 Lab. Gen. Ed. 14.
215 Introduction to Meteorology. (3) A. This is a non-technical introduction to meteorology designed for non-science majors. Emphasis is placed on the interpretation of weather phenomena and their effects on people. Gen. Ed. 15 or 16.
220 Cultural Geography. (3) A. Introduction to basic concepts of cultural geography, emphasis on analysis of various culture elements and reasons for their regional character and variations.
300 Geography: ... (3) A. Prerequisite: instructor approval. Designed for study of special topics. The specific orientation (cultural, physical, field studies, etc.) will follow course title. May be retaken to a maximum of nine hours provided subject matter differs each time.
321 Urban Geography. (3) A. Study of city functions, patterns, and past and current problems confronting the city, including the problems of planning, zoning, community housing, shopping centers, and urban renewal. Gen. Ed. 12.
322 Political Geography. (3) A. Study of major areas of international concern focusing on geographic variations and political behaviors which have created modern political diversity. Gen. Ed. 13.
330 Economic Geography. (3) A. Description and analysis of world primary, secondary, and tertiary economic systems and functions.
345 Regions and Nations of the World. (3) A. Formerly GEO 245. Study of the rapidly changing world regions and the resultant problems. Specific attention will be directed toward present areas of international concern. Gen. Ed. 12.
347 Regional Geography: ... (3) A. Physical, cultural, and economic geography of a selected region (e.g., Europe, North America, Kentucky) with emphasis on the region’s current problems. May be retaken to a maximum of 12 hours provided subject matter differs each time.
349 Cooperative Study: Geography. (1-8) A. Prerequisite: departmental approval. Work in placement related to academic studies. One to eight hours credit per semester or summer. Total hours for baccalaureate, 16. A minimum of 80 hours employment required for each semester hour credit. No more than six hours may count toward the major.
351 Research Methods in Geography. (3) A. Prerequisites: GEO 210 and 220, or departmental approval. Provides majors with a background in the areas of geographic research, analysis, and writing. Includes field techniques, data base search, literature reviews, statistical methods, and research writing.
353 Geographic Information Systems. (3) A. This course is designed to teach students the nature of Geographic Information Systems. Emphasis is placed on basic theories and techniques of GIS. Students will have "hands-on" experience using GIS.

355 Cartography. (3) A. Map compilation, execution, proofing, and reproduction, utilizing a variety of techniques, materials, and tools in laboratory exercises. Lectures provide supplementary information and cover current developments. 1 Lec/4 Lab.

450 Field Studies. (3) A. Prerequisite: GEO 351 or departmental approval. Field techniques and applied case studies of geographic topics in both immediate and distant environs. 1 Lec/4 Lab and field exercises.

490 Senior Seminar. (3) A. Prerequisite: GEO 351 or departmental approval. A comprehensive study of geography including such topics as historical development, major concepts, roles of the discipline, and trends.

495 Practicum. (3-6) A. Prerequisite: geography major. Students will work under departmental supervision in governmental, corporate, or private enterprises which are engaged in applied geography. Determination of the number of hours will be made by the department, depending upon the range and depth of activities to be engaged in. May not be retaken.

498 Independent Study. (1-3) A. Prerequisite: departmental major with a senior standing. Student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment.

501 Advanced Geography: ______ (3) A. Prerequisite: departmental approval. In-depth study of physical, cultural, or economic geography themes. May be retaken to a maximum of six hours if subject matter differs each time.

550 Field and Research Methods in Geography. (3) A. Cross listed as PLA 550. Detailed reconnaissance field work, including classification of natural and cultural features, interview procedures, and preparation of geographical reports. Credit will not be awarded to students who have credit for PLA 550.

551 Seminar in History and Philosophy of Geography and Planning. (3) A. Prerequisite: departmental approval. Discussion of the history and development of geographic thought, various schools of geography, philosophies in geography, current and future trends.

553 Research Application in Geography. (3) A. Prerequisite: introductory statistics course. Statistical and computer techniques applied to geography and planning problems. 2 Lec/2 Lab.

555 Advanced Cartography. (3) A. Prerequisite: GEO 355 or instructor approval. Advanced techniques of cartographic presentation of data to include computer applications. 1 Lec/4 Lab.

556 Remote Sensing. (3) A. Prerequisite: departmental approval. Characteristics, uses, and interpretation of several types of remote sensing imagery, emphasizing aerial and multispectral scanner radar, and thermal infrared imagery, including digital data processing by computer satellite imagery.

597 Special Studies in Geography. (1-3) A. Cross listed as PLA 597. Prerequisite: departmental approval. Directed work in geography. Students must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment. Credit will not be awarded to students who have credit for PLA 597.

GRADUATE COURSES

701 Advanced Geography: ______ (3) A.

750 Field and Research Methods in Geography. (3) A.

751 Seminar in History and Philosophy of Geography and Planning. (3) A.

753 Research Applications in Geography. (3) A.

755 Advanced Cartography. (3) A.

756 Remote Sensing. (3) A.

797 Special Studies in Geography. (1-3) A.

PLA—Planning

220 Introduction to Planning. (3) A. Introduction to urban, regional, state, and national planning. Topics include the development of planning and its vocabulary; the process, functions, and organization of planning; and planning for elements and systems.

300 Planning Topics: ______ (3) A. Designed to provide study in specific topics to include land use and environmental planning, human resource planning, and transportation planning. May be retaken to a maximum of six hours if subject matter differs each time.

349 Cooperative Study: Planning. (1-8) A. Prerequisite: departmental approval. Work in planning related to academic studies. One to eight hours credit per semester or summer. Total hours for baccalaureate, 16. A minimum of 60 hours employment required for each semester hour credit. No more than six hours may count toward the major.

495 Practicum. (3-6) A. Prerequisite: planning major. Students will work under departmental supervision in governmental, corporate, or private enterprises which are engaged in planning. Determination of the number of hours will be made by the department, depending upon the range and depth of activities to be engaged in. May not be retaken.

498 Independent Study. (1-3) A. Prerequisite: departmental approval. Independent study topic in specific aspects of planning. Student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment.

521 Seminar in Planning: ______ (3) A. Prerequisite: departmental approval. In-depth study of urban or regional planning topics, such as growth management and land use. May be retaken to a maximum of six hours provided subject matter differs each time.

550 Field and Research Methods in Planning. (3) A. Cross listed as GEO 550. Detailed reconnaissance field work, including classification of natural and cultural features, interview procedures, and preparation of planning reports. Credit will not be awarded to students who have credit for GEO 550.

597 Special Studies in Planning. (1-3) A. Cross listed as GEO 597. Prerequisite: departmental approval. Directed work in planning. Student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment. Credit will not be awarded to students who have credit for GEO 597.

TNT—Travel and Tourism

210 Travel and Tourism. (3) A. Travel and tourism are examined in terms of conceptual framework, spatial considerations, and economic, physical, and social impacts.

300 Travel and Tourism Topics: ______ (1-3) A. Prerequisite: instructor approval. Designed to provide study in special areas of travel and tourism as reflected in the course title. May be retaken to a maximum of nine hours provided subject matter differs each time.

310 Travel and Tourism Operations. (3) A. Prerequisite: TNT 210 or departmental approval. Introduction to the function and operating procedures of the major business sectors (e.g., travel agencies, air carriers, tour operations) within the travel-tourism industry. One or more field experiences will be included.

315 Tourism Development. (3) A. Formerly TNT 410. Prerequisite: TNT 210 or departmental approval. An in-depth study of the planning process, the determination of marketing strategies, and the economic impact of tourism development.

349 Cooperative Study: Travel and Tourism. (1-8) A. Prerequisite: departmental approval. Work in placement related to academic studies. One to eight hours credit per semester or summer. Total hours for baccalaureate, 16. A minimum of 60 hours employment required for each semester hour credit.

415 Issues in Travel and Tourism. (3) A. Prerequisite: TNT 210, 315, and GEO 351; or departmental approval. A comprehensive study of current issues, trends, problems, and opportunities in the travel and tourism industry. Field trip and research paper required.

420A Internship. (3) A. Prerequisite: departmental approval. Students will work under departmental supervision in a private or public agency engaged in travel and tourism activities.

420B Internship. (3) A. Prerequisite: departmental approval. Students will work under departmental supervision in a private or public agency engaged in travel and tourism activities.

498 Independent Study. (1-3) A. Prerequisite: departmental approval. Independent study topic in specific aspects of travel and tourism. Student must have the independent study proposal form approved by faculty advisor and departmental chair prior to enrollment.
**DEPARTMENT OF GOVERNMENT**

**Political Science**

**Public Administration**

**Legal Studies**


Government, politics, administration, and law are the closely related concerns of the Department of Government. The Department offers programs of instruction leading to Bachelor of Arts degrees in political science, political science (teaching), and paralegal science: an Associate of Arts Degree in paralegal studies, the Master of Arts in political science, and the Master of Public Administration.

Consistent with its liberal arts tradition, the Department's undergraduate degree programs strengthen a student's ability to think critically, deal with the complexities of issues and values, empathize with others, make decisions, do research, and communicate in writing and orally. The programs include many elective hours, which can be used to enhance knowledge and skills related to many kinds of employment. The Department's graduates are prepared for a wide variety of career opportunities in business, government, teaching, communications, politics, and the military services. They are also prepared to seek graduate and professional degrees in fields such as law, public administration, business administration, journalism, social work, education, counseling, theology, planning, architecture, international affairs and the social sciences.

The paralegal programs, which are approved by the American Bar Association, comprise the study of legal principles and specific skills needed to assist in the delivery of legal services. The two-year paralegal studies program is intended primarily for persons who are already working in law offices or who have had substantial relevant work experience. Both programs lead to professional careers as paralegals, law office managers, insurance claim evaluators, paralegal managers, judicial assistants, title abstractors, administrative hearing advocates, and to other careers in government and business.

Besides the paralegal (LAS) courses in the paralegal degree programs, several other LAS and political science (POL) courses are devoted to the study of law as a social institution.

The political science programs entail the study of government—its purpose, structure, operation, activities, and relation to other organizations, groups, and individuals—as well as the study of international relations. Many students planning to attend law school find these programs to be particularly good background for their legal study.

Public administration is the study of the structure and management of public organizations, including both government agencies and other not-for-profit agencies, the activities and responsibilities of persons who work in such organizations, and the specific skills needed by such individuals.

---

**Political Science**

**MAJOR (BACHELOR OF ARTS)**

**Major Requirements** .................................................. 33 hours

POL 101; six hours from international relations and/or comparative courses; six hours from American government and/or public administration courses; POL 380; three hours from POL 557, 558, or 559; plus 12 other hours in political science. A total of 18 hours must be in courses numbered 300 or above. (To identify courses in international relations, comparative government, American government, public administration, and methodology see the note immediately under the heading “Course Descriptions.”)

**General Education Requirements** ............................... 46 hours

Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

**University Requirements** .................................... 9 hours

CSO 100; eight hours of restricted electives.

**Free Electives** .................................................. 40 hours

**Total Curriculum Requirements** ............................. 128 hours

---

**MINOR IN POLITICAL SCIENCE**

A student may minor in political science (non-teaching) by completing POL 101 plus 15 hours of which nine hours must be in courses numbered 300 or above.

---

**Political Science (Teaching)**

**MAJOR (BACHELOR OF ARTS)**

**Major Requirements** .................................................. 33 hours

POL 101; six hours from international relations and/or comparative courses; six hours from American government and/or public administration courses; POL 380; three hours from POL 557, 558, or 559; plus 12 other hours in political science. A total of 18 hours must be in courses numbered 300 or above. (To identify courses in international relations, comparative government, American government, public administration, and methodology see the note immediately under the heading “Course Descriptions.”)

**Minor** ........................................................................ 21 hours

A 21 hour teaching minor is required.

**Teacher Education Requirements** .......................... 28 hours

EDF 102, 202, 317, EPY 318, ESE 449, 498, and 499.

**General Education Requirements** .......................... 43 hours

Standard General Education program, excluding course category 12. Refer to Part Three of this Catalog for details on the General Education and University requirements.

**University Requirements** .................................... 9 hours

CSO 100; eight hours of restricted electives.

**Total Curriculum Requirements** ............................. 128 hours*

*Careful selection of minor courses is required to stay within the 128 hour total.
MINOR IN POLITICAL SCIENCE (TEACHING) ................................. 21 hours

POL 101; six hours from international relations and/or comparative courses; six hours from American government and/or public administration courses; and six hours of political science courses. A total of 12 hours must be in courses numbered 300 or above. No more than six hours may be counted toward the teaching minor from POL 490, 495A, 495B, 496A, 496B, 497, or 498. (To identify courses in international relations, comparative government, American government, public administration, and methodology see the note immediately under the heading “Course Descriptions.”)

PARALEGAL PROGRAMS

J. McCord, Director

The paralegal programs comprise a Bachelor of Arts degree in paralegal science and an Associate of Arts degree in paralegal studies. The objectives of the programs are:

1. To create, implement, and maintain a strong, flexible program directed to the quality education of occupationally competent paralegals.
2. To provide a paralegal education program that leads to employment of its graduates by a wide range of employers.
3. To provide paralegals with a well-rounded, balanced education founded on a beneficial mix of general education, theory, and practical courses stressing understanding and reasoning rather than rote learning of facts.
4. To support the general principles of ethical legal practice, professional responsibility, and the prohibitions against the unauthorized practice of law by laymen.
5. To provide an educational program which is responsive to the varied needs of the state of Kentucky and the region and contributes to the overall advancement of the legal profession.
6. To provide a program which instills respect for the legal profession and its foundations, institutions, and quest for justice.
7. To maintain equality of opportunity in the educational program without discrimination or segregation on the grounds of race, color, religion, natural origin, or sex.

DEGREE REQUIREMENTS

In addition to the requirements specified below, paralegal majors (A.A., B.A.) must attain a minimum grade of “C” in all “major” and “supporting” courses. A minimum grade of “C” must be earned in LAS 210 before taking LAS 211 and a minimum grade of “C” must be earned in LAS 211 before being admitted to any of the upper division LAS requirements.

TRANSFER STUDENTS

Transfer students must take a minimum of 15 semester hours of paralegal (LAS) courses at Eastern to earn a paralegal degree.

Paralegal Science

MAJOR (BACHELOR OF ARTS)

Major Requirements .......................................................... 37 hours

LAS 210, 211, 301, 302, 350, 385, 399, and 401; 12 hours from LAS 310, 340, 370, 380, 390, 392, or 490.

Supporting Course Requirements ....................................... 12 hours

ACC 201, ENG 301, and POL 101; three hours from POL 460, 463, or 464.

General Education Requirements ......................................... 46 hours

Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................................. 9 hours

CSO 100; eight hours of restricted electives.

Free Electives ........................................................................ 24 hours

Total Curriculum Requirements .......................................... 128 hours

Paralegal Studies

(ASSOCIATE OF ARTS)

Major Requirements .......................................................... 34 hours

LAS 210, 211, 301, 302, 350, 385, 399, and 401; nine hours from LAS 310, 340, 370, 380, 390, or 392.

Supporting Course Requirements ....................................... 27 hours

CSO 100*, six hours of English Composition*, three hours general education humanities*, POL 101*, three hours general education natural science* or MAT 106* or MAT 107*, one hour of general education elective, ACC 201, ENG 301, and four hours of restricted electives.

Free Electives ........................................................................ 4 hours

Total Curriculum Requirements .......................................... 65 hours

GRADUATE PROGRAMS

Master of Arts

The Master of Arts in political science degree program is designed to accommodate the needs and interests of individual students. The program can serve as an intermediate degree for those who wish to continue doctoral level study, or study in law and other professional schools. The degree can also serve as preparation for advanced positions in government, industry, and other areas of employment as well as develop one’s understanding of the political process and public policy.

Master of Public Administration

The Master of Public Administration degree program is recognized by having been accredited by the National Association of Schools of Public Affairs and Administration. The Department offers the degree of Master of Public Administration primarily for persons interested in government service. Specialized options in community health administration and community development are offered. The Institute of Government, an administrative unit of the Department, serves as focus for many activities connected with the public administration offerings.

Master of Arts in Education

The Master of Arts in Education degree with an option in political science is offered in the College of Education with the cooperation of the Department of Government. The regulations for the degree may be found in the College of Education section of the Graduate Catalog.

For further information about the department’s graduate degree programs, see the Graduate Catalog.
Course Descriptions

Note: POL courses are grouped as follows according to the below listed middle digits of the course numbers. For example, POL 210 is a comparative government course.

0 Special topics
1 Comparative Government
2 International Relations
3 American (State & Local)
4 American Political Process
5 Theory
6 Judicial Process
7 Public Administration
8 Methodology
9 Practicums, Internships, and Independent Study

POL—Political Science

100 Principles of Politics and Government. (3) I, II. An introductory social science course focusing on the political and governmental aspects of society. Does not count toward Political Science major requirements. Gen Ed. 12.

101 Introduction to American Government. (3) I, II. Principles, functions, and basic political institutions of the American system of government at the national level. Gen Ed. 12.

201 Short Topics in Political Science. (1-3) A. Maximum of three short topics offered during any semester. The student may take any or all topics. May be retaken to a maximum of six hours when topics vary. For those qualified high school students enrolled in the topic “A Kentucky Locality” the grade of “IP” may be given.

210 Political Development: Traditional and Transitional Societies. (3) I, II. Examination of traditional and transitional nations and regions, past and present; relation between political development and social, economic, and political institutions; development of national identity. Gen Ed. 10.

211 Political Development: Modern Societies. (3) I, II. Politics and political change in modern, industrial societies. Democratic and authoritarian systems as ways of promoting and dealing with technological, economic, and social changes and their consequences. Gen Ed. 11.

220 Problems of International Politics. (3) I, II. Cooperation and conflict in the relations among nations. Diplomacy, military force, and international organizations as instruments, with emphasis on the international behavior of the great powers. Gen Ed. 12.

300 Contemporary Political Problems. (3) I, II. Application of the skills of citizenship to problems of contemporary politics. Designed to increase the students’ political awareness and ability to function politically in contemporary society. Gen Ed. 12.

305 Computer and Society. (3) A. Cross listed as CSC 305 and SOC 305. The influence of computer and social and political processes. Software related to socio-political issues. Credit will not be awarded to students who have credit for CSC 305 or SOC 305.

312 Politics in China. (3) A. Analysis of political development, organizational structure, and operation of Chinese political systems with particular emphasis on Chinese Communist Party and contemporary problems in China.

313 Politics in Japan and the Two Koreas. (3) A. Formerly POL 513. Analysis of political development, organizational structures, and political systems of Japan, South Korea, and North Korea, with emphasis on their foreign policy behavior.

315 Politics of Western Democracies. (3) A. Prerequisite: three hours of political science or instructor approval. Examination of major characteristics, similarities and differences in the political systems of selected Western democracies.

316 Soviet Politics. (3) A. Contemporary Soviet domestic politics and policies; development of new government institutions and a multiparty system; transition toward democratic pluralistic society; the federal system and nationality politics.

317 Politics and Religion. (3) A. Interaction of government, politics, and religion in the U.S. and other countries; theories of church-state relations; religious organizations as pressure groups, agents of socialization, objects of government policies; religion and nationalism.

321 American Foreign Policy. (3) II. Prerequisite: three hours of political science or instructor approval. Analysis of the internal processes and external factors which affect U.S. foreign policy, with emphasis on the post-World War II period. Case studies in decision-making.

325 International Security Affairs. (3) I, II. Examination of major problems of national international security, the role of military power and arms control in the nuclear era, with emphasis on military-security policies of great powers.

327 International Law and Organization. (3) A. Prerequisite: three hours of political science or instructor approval. Analysis of the development of the U.N.; functional and regional approaches to peace, security, economic cooperation, social welfare, and law in international relations.

331 Urban Politics. (3) A. Political processes of urban areas including comparisons of alternative structures of urban and other local government.

332 Kentucky Government and Politics. (3) I, II. An overview of the Kentucky political system: major institutions, processes and political leaders, with emphasis on recent events and developments. Credit will not be awarded to students who have credit for POL 497B.

333 American State and Local Government. (3) A. Study of the institution and processes of government at the state and local levels in the United States.

340 American Politics: Parties, Public Opinion, and Pressure Groups. (3) A. Prerequisite: POL 101 is recommended. Informal political institutions of American government; functions, organization, financing of political parties, public opinion, and pressure groups. Their relationship to democracy.

341 The Legislative Process: Congress and State Legislatures. (3) A. Prerequisite: POL 101 is recommended. A systematic examination of the decision-making process in Congress and state legislature.

342 The American Chief Executive: President and Governor. (3) A. Prerequisite: POL 101 is recommended. An examination of the power and functions of the offices of the president and governor. Recent developments affecting the American president will be emphasized.

345 Minority Group Politics. (3) A. Prerequisite: POL 101 is recommended. Examination of the role of political parties and social institutions; minority group political participation and representation.

349 Cooperative Study: Political Science. (1-8) A. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, bacalaureate. A minimum of 80 hours employment required for each semester hour credit. No more than six hours may count toward this major.

357 American Political Thought. (3) A. Study of the political philosophy and values that have shaped the American political system. Emphasis given to problems in democratic theory and to competing ideologies within the American political system.

360 Judicial Process. (3) A. Study of legal and judicial systems in the United States and their role in the American political process.

371 Introduction to Public Administration. (3) A. Prerequisite: POL 101 or 333. Survey of organization, authority, decision-making, intra-organization communications and application of principles of the American bureaucracy by case studies.

371 Governmental Administration of Social Services, Programs, and Agencies. (3) A. Emphasis on three hours of political science or social work or instructor approval. Examination of the political and administrative problems in public agencies and survey of management tools available to those responsible for the delivery of social services.

374 Introduction to Public Policy. (3) A. Introduction to the role of state, local and federal governments in the formulation, implementation, and evaluation of public policies. Examples of policy decisions which might be covered include, energy, housing, environmental quality, and social services.

375 Public Personnel Policy. (3) A. Overview of institutions, policies, and practices for utilization of human resources in government. Analysis of contemporary issues. Civil Service System, public unionism, affirmative action, public sector efficiency.

377 Public Budgeting. (3) A. The political consideration of budget formulation, budget strategy, and budget execution. An analysis of the role of taxes, spending, program evaluation, and planning in the budgeting process at the federal, state, and local levels.

380 Research and Writing in Political Science. (3) A. Prerequisite: majors, minors, or instructor approval. Practical application of techniques and methods used in collection, analysis, and written presentation of political data.

405 Special Topics in Political Science. (3) A. Exploration of a particular topic: theorist, institution, process, policy, wrifings, or their combinations. Prerequisites set by the department. May be retaken to a maximum of six hours provided subject matter differs each time.

410 Studies in Comparative Government and Politics. (3) A. Prerequisite: six hours of POL. Study of selected country, region, or a cross-national study of a political institution (e.g. Executives, Political Parties, Legislatures). May be retaken to a maximum of nine hours provided the subject matter differs each time.

417 Eastern Europe in Transition. (3) A. Examination of the 1988-90 revolutions in Eastern Europe and demise of the Communist bloc; development of new political and governmental institutions and problems of transition; impact of German reunification; relations with USSR, U.S., Western Europe.

422 Soviet Foreign Policy. (3) A. Contemporary Soviet foreign policy-making institutions and processes; historical domestic, and external influences, relations with U.S., China, Western Europe, former Communist bloc countries, and third world.

440 Voting Behavior. (3) A. Prerequisite: POL 101 is recommended. Survey of research in contemporary American voting behavior, with emphasis on the relationship between voting and party, candidate, and issue attitudes. Topics include public opinion, polling, participation, and campaign behavior. Attention paid to methodologies and techniques.

450 Law and Society. (3) A. Sources, nature, function and limits of law as an instrument of social and political control and direction. Examples taken from property, torts, contracts, criminal law, and selected areas of public policy.

463 Constitutional Politics. (3) A. An examination of constitutional problems in American government. Emphasis is given to cases in their legal and political context.

480 Independent Work in Political Science. (1-3) A. Individual research and research papers, written in political science. Regular reports and term research paper required. May be taken to a maximum of six hours. Students must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrolment.
GRADUATE COURSES

717 Politics and Social Change. (3) A.
721 Contemporary International Relations. (3) A.
725 Workshop in International Affairs. (3) SUMMER ONLY.
731 Topics in Local and State Government. (3) A.
741 Politics and Administration. (3) A.
757 Classical Political Thought. (3) A.
758 Medieval, Renaissance, and Reformation Political Thought. (3) A.
759 Modern Political Thought. (3) A.
764 Introduction to Court Administration. (3) A.
765 Administrative Law. (3) A.
800 Research Methods in Political Science. (3) A.
801 Administration, Ethics, and Public Policy. (3) A.
810 Seminar in Comparative Politics. (3) A.
820 Seminar in International Relations. (3) A.
835 Seminar in Intergovernmental Relations. (3) A.
839 Cooperative Study; Public Administration, and Political Science. (3-6) A.
840 The Taft Seminar. (3) SUMMER ONLY.
843 Seminar in Political Process. (3) A.
845 Community Development. (3) A.
853 Seminar in Political Theory. (3) A.
863 Seminar in Public Law. (3) A.
864 Seminar in Trial Court Administration. (3) A.
865 Seminar in Appellate Court Administration. (3) A.
871 Field Study in Public Administration. (3-6) A.
873 Seminar in Theory of Public Administration. (3) A.
875 Public Sector Organizations and Management. (3) A.
876 Public Personnel Administration. (3) A.
877 Public Finance Administration. (3) A.
879 Public Program Analysis. (3) A.
891 Directed Research. (3-6) A.
893 Special Topics. (1-3) A.
895 Independent Study. (1-3) A.
899 Thesis. (3-6) A.

LAS—Paralegal

101 Your Legal Rights, Remedies, and Responsibilities. (3) A. Practical law to assist the individual in anticipating and dealing with typical legal needs. Topics will include landlord-tenant problems, consumer rights, personal liability, wills, arrest, divorce, and others. Does not count toward the paralegal major requirements.
211 Introduction to Law. (3) I. II. General study of the purpose, function, and history of law; law-related occupations; court systems; case law analysis; professional ethics; the adversary system; and the major areas of law.
211 Legal Research and Writing. (3) I. II. Prerequisite: LAS 210 or director approval. An introduction to legal research, theory, and application to specific legal problems and the use of legal authority to construct a written legal argument.
301 General Practice Law I. (3) I. II. Prerequisite: LAS 211 Paralegal practice and procedure for general law office; real estate transactions and documents, title searches, title insurance, loan closings, leases, wills, affidavits of descent, foreclosures and bankruptcy.
302 General Practice Law II. (3) I. II. Prerequisite: LAS 211 Study of legal principles; paralegal practice and procedure for the general law office; torts, contracts, Uniform Commercial Code, subrogation, collections, employee benefits, and insurance defense, emphasizing the systems approach.
305 Special Topics in the Law. (1-3) A. Prerequisite: director approval. A course offered periodically covering topics and issues of current or special interest concerning the law. May be taken to a maximum of six hours provided topics vary.
310 Family Law Practice. (3) A. Prerequisite: LAS 211 Paralegal practice in family law including forms, documents, and procedures for: marriage, divorce, separation, annulment, alimony, legitimacy of children, custody, adoption, community property, and juvenile law.
340 Criminal Law Practice and Procedure. (3) A. Prerequisite: LAS 211 or director approval. An introduction to criminal law and procedure, criminal law forms and documents, and preparation for criminal litigation using the systems approach.
350 Litigation Practice and Procedure. (3) A. Prerequisite: LAS 302 or director approval. Paralegal trial preparation including investigation techniques, discovery, disclosure, exhibit preparation, witness preparation, pretrial motions, evidence, jury instructions, trial assistance, and appeals, emphasizing the systems approach.
365 Trial and Era: A Legal Heritage. (3) A. A study of famous and significant court trials and the dynamic and dramatic way in which the trial brings together the legal philosophies and social attitudes of the times. Does not count toward the paralegal major requirements.
370 Corporations and Business Organization Practice. (3) A. Prerequisite: LAS 211. Documents, forms, and procedures essential to the corporate paralegal. Development of skills concerning business formations, incorporation, corporate finance, employees, corporate operation, securities, regulatory compliance, merger, acquisitions, sales and terminations.
380 Administrative Agency Practice. (3) A. Prerequisite: LAS 211. Practical paralegal skill development in administrative law and procedure. Forms, documents, pleadings, and techniques for administrative regulatory compliance; case processing, informal and formal administrative advocacy, emphasizing the systems approach.
385 Legal Administration and Computer Applications. (3) A. Prerequisite: LAS 211. The study of law office administration and the utilization of specific law office computer applications.

390 Probate Practice and Procedure. (3) A. Prerequisite: LAS 301 or director approval. Paralegal probate practice including initial steps, asset accumulation, debt management, court procedure, estate-related tax issues and forms. A systems approach will be emphasized.

392 Estate Planning and Procedure. (3) A. Prerequisite: LAS 390 or director approval. The study of law, forms, documents, and procedures essential to the paralegal involved in the drafting of wills, trusts, and estate plans. The systems approach will be emphasized.

401 Paralegal Seminar. (3) A. Prerequisite: LAS 350 or director approval. Advanced legal research, professional ethics, internship concerns, and issues facing the paralegal profession.

490 Independent Study of Law. (1-3) A. Prerequisite: director approval. Individual research, skill development, and study in an area of law or paralegal practice. Student must have independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment. May be retaken to a maximum of six hours.

535 Municipal Law. (3) A. Prerequisite: LAS 211 or director approval. Practical legal problems confronting municipal officials including: government and public official liability, ordinances, tax levies, bonding, zoning, soliciting, licensing, open meetings, personnel, cutback management, elections, and other issues.

GRADUATE COURSE

735 Municipal Law. (3) A.

DEPARTMENT OF HISTORY

D. Sefton, Chair; Coe, Dunston, Ellis, N. Forderhase, R. Forderhase, Graybar, Metursbaug, Oudem, Sigel, Stebbins.

A major in history prepares a student for a wide variety of careers including civil service, social work, law, journalism, politics, radio, television, and advanced graduate study leading to college teaching or library work. In addition, business leaders indicate that they frequently give strong consideration to history majors for training programs leading to executive positions.

Combined with a teaching certificate, a major in history provides an excellent basis for teaching social studies on the secondary level, or pursuing advanced teaching degrees.

Graduating high school seniors who are interested in the relationship between ideas and events, are curious why certain things happen, and are concerned with human achievements through the years should consider history as a major area of study.

History

MAJOR (BACHELOR OF ARTS)

Major Requirements .......................................................... 33 hours

- HIS 202, 203, 448, and 449; 21 upper division hours with a minimum of three hours in each of the following areas:
  - Area I (U.S. early): HIS 300, 303, 305, 401, 402, 403, 405, 408, 500, 507, or 530.
  - Area II (U.S. recent): HIS 300, 310, 406, 411, 412, 413, 433, 500, 509, 516, or 531.
  - Area III (Europe early): HIS 300, 336, 339, 340, 345, 363, 500, or 549.
  - Area IV (Europe modern): HIS 300, 342, 346, 347, 350, 354, 365, 500, or 552.
  - Area V (Non-Western): HIS 300, 320, 374, 375, 383, 474, or 500.

The remaining six hours of upper division HIS courses may come from any of the above areas or from other upper division HIS courses.

Formal research papers are to be written as part of the course requirements in two of the seven upper division courses (one paper in a course from Areas I-II and one paper in a course from Areas III-V).

General Education Requirements ........................................ 46 hours

Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements .................................................. 9 hours

- CSO 100: eight hours of restricted electives.

Free Electives .............................................................. 40 hours

At least three hours of one foreign language is strongly recommended. Students who plan to pursue a graduate degree are strongly encouraged to take at least six hours of a foreign language.

Total Curriculum Requirements ...................................... 128 hours

History (Teaching)

MAJOR (BACHELOR OF ARTS)

Major Requirements .......................................................... 33 hours

- Same as history major without teaching.

Minor or Related Courses* .............................................. 18-21 hours

Teacher Education Requirements ..................................... 28 hours

- EDF 102, 202, 317, EPY 318, ESE 449, 498, and 499.

General Education Requirements ..................................... 46 hours

- Same as history major without teaching.

University Requirements .................................................. 9 hours

- CSO 100: eight hours of restricted electives.

Total Curriculum Requirements ...................................... 128 hours**

* A student who majors in history may minor in a related discipline if desired. If not, the student will elect 18 hours of related courses drawn from non-history disciplines. Neither a minor nor related courses are required for a non-teaching major.

** Careful selection of minor courses is required to stay within the 128 hour total.

MINOR IN HISTORY

Students majoring in other disciplines may minor in history by completing the following courses: HIS 202 and 203; HIS 231 or GSS 246; HIS 232 or GSS 247; nine hours upper division HIS electives.

SECOND MAJOR IN HISTORY

A student may complete a second major in history by completing the major requirements listed above.

GRADUATE PROGRAMS

The Department of History offers the Master of Arts with thesis and without thesis and cooperates with the College of Education in offering course work for a Master of Arts in Education (Secondary Education-History). The regulations for the degree may be found in the College of Education section of the Graduate Catalog.
Course Descriptions

HIS-0000

110 Special Studies in History: (1-3) A. Individual research and/or reading in an area of history, primarily designed for qualified high school juniors and seniors. Approval of project by faculty supervisor and departmental chair required prior to enrollment. Does not count toward history major requirements.

202 American Civilization to 1877. (3) A. Transition from colonial to independent republic; social, cultural and economic institutions derived from agrarian conditions; the influence of European foundations. Required of all majors and minors in history. Gen. Ed. C 10.

203 American Civilization since 1877. (3) A. Conflicts between demands of an industrial society and agrarian values; interrelationships between world expressions and American experience. Required of all majors and minors in history. Gen. Ed. 11.

216 American Civilization. (3) A. Western civilization; institutions, ideas, and social and economic relationships basic to the modern world. Credit will not be awarded to students who have credit for GSS 246. Gen. Ed. 10.

232 Western Civilization II. (3) A. Industrial revolution to present; transformation of cultural background through ideas, science, and industry; development of current Western civilization. Credit will not be awarded to students who have credit for GSS 247. Gen. Ed. 11.

300 Topics in History: (3) A. Movements in history that have influenced and continue to influence the course of culture and civilization. May be retaken to a maximum of six hours provided topics vary.

303 Women in American History. (3) A. Prerequisite: HIS 202 and 203, or instructor approval. Social, economic, and cultural role of women in America. Women's work, social position and status; women in reform movements; feminism and anabolic movements; the new feminism.

350 Afro-American in U.S. History. (3) A. Prerequisite: HIS 202 and 203, or instructor approval. African heritage; middle passage; the peculiar institution; the Negro and the Civil War; Reconstruction; the strange career of Jim Crow; modern emancipation; the Negro in the American society and culture.

310 Big Business in Modern America. (3) A. Cross listed as ECO 310. Prerequisite: HIS 203 or ECO 230; or instructor approval. The growth of "big business" in America from the middle of the nineteenth century to the present; strategy and structure; multinational corporations, public policy. Credit will not be awarded to students who have credit for ECO 310.

312 Independent Study in History: (1-3) A. Individual research and/or reading on a problem area in history. Regular reports and final research paper required. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

320 History of the Arab World. (3) A. A historical survey of the Arabs, with special attention to the Arab role in the development and spread of Islam, the interaction of the Arabs with other Middle Eastern peoples, and the Arab reaction to the challenge posed by the modern West, all significant factors in the political and cultural shaping of the contemporary Middle East.

336 Greco-Roman Civilization. (3) A. Greek society and culture; emergence of the Roman Republic; the Roman Empire.

339 Medieval Civilization. (3) A. Prerequisite: HIS 231 or instructor approval. The collapse of the Classical world; the Germanic migrations; early Byzantine and Islamic civilizations; the Carolingians; the church and society; feudalism; commercial and urban revival; the rise of territorial states and the beginnings of European expansion.

340 European History from 1300 to 1815. (3) A. Prerequisite: HIS 231 and 232, or instructor approval. Renaissance and Reformation to the French Revolution and Napoleon.

342 Europe from 1815 to 1914. (3) A. Formerly HIS 527. Prerequisite: HIS 232 or instructor approval. Congress of Vienna; revolutionary reform; liberalism; realism and nationalism; worldwide impact of Europe prior to World War I; imperialism.

343 English History to 1877. (3) A. Prerequisite: HIS 231 or instructor approval. Roman Britain; Feudalism; rise of Parliament; Hundred Years' War; Reformation, Elizabethan Age.

346 English History from 1603 to present. (3) A. Prerequisite: HIS 231 and 232, or instructor approval. Civil War; imperial expansion; beginnings of industrialization; Victorian Liberalism; two world wars and beyond.

347 Recent and Current World History, 1914 to present. (3) A. Prerequisite: HIS 232 or instructor approval. World War I; peace settlement of 1919; problems of reconstruction; world debts and reparations; disintegration of peace settlement; World War II; the Cold War.

349 Cooperative Study: History. (1-8) A. Prerequisite: departmental approval. Does not apply toward a major or minor in history. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

350 Modern Germany. (3) A. Prerequisite: HIS 232 or instructor approval. Nationalism, liberalism, and the German problem; Bismarck and unification, industrialization and socialism; World War I; Weimar Republic and Depression; Hitler and the Third Reich; World War II and the Holocaust; Federal Republic and GDR; Cold War and beyond.

354 Modern France. (3) A. Prerequisite: HIS 232 or instructor approval. Economic, political and social developments in France from 1789 to the present. Credit does not apply to major or minor in history.

363 History of Russia. (3) A. Prerequisite: HIS 232 or instructor approval. Formative period of Slavic states; social and economic forces leading to autocracy; growth of revolutionary thought and action to Revolution of 1917.

365 History of Soviet Union. (3) A. Prerequisite: HIS 232 or instructor approval. The 1917 revolution, the Soviet regime; World War II; post-war years.

374 East Asian History to 1600. (3) A. China and Japan from the beginnings of East Asian civilization in Neolithic times to the early modern period; the development of key social, economic and political institutions; the Confucian tradition and the introduction of Buddhism; the Mongol era; the late imperial order in China and the emergence of a modern state.

375 East Asian History since 1600. (3) A. China and Japan from early modern times to the present; the formation of the Ch'ing order in China and Tokugawa Japan; foreign encroachments and internal revolt; the Meiji Restoration; late Ch'ing reform; the Revolution of 1911; warlordism; the Pacific War; Civil War; Japan as superpower and Communist China.

383 Latin American History. (3) A. Topical approach emphasizing politics, religion, social institutions, economic developments, and intellectual life from pre-Columbian times to the present.

401 American Colonial Period. (3) A. Prerequisite: HIS 202 or instructor approval. Political and social history of the 13 colonies and their neighbors; European background; settlement; westward expansion; intercolonial conflicts; beginnings of culture; colonial opposition to imperial authority.

402 Revolutionary America. (3) A. Formerly HIS 502. Prerequisite: HIS 202 or instructor approval. Colonial background of Revolution; internal and external nature of Revolution; problems associated with Confederation; events leading to the American Constitution.

403 Jacksonian America, 1824-1848. (3) A. Prerequisite: HIS 202 or instructor approval. Political, social and economic transformation in an era of great exacerbation.

405 America's Westward Expansion. (3) A. Colonial frontier, trans-mountain movements; Indian problems; Manifest Destiny; the sectional struggle; mining; railroads; cattle; agriculture.

436 South Asia History. (3) A. Prerequisite: HIS 202 and 203; or instructor approval. Concepts of Southern exceptionalism; social, political and economic characteristics; the role of the South within the United States.

406 The Early Republic, 1789-1824. (3) A. Formerly HIS 508. Prerequisite: HIS 202 and 203 or instructor approval. Political, social, and economic development; nationalism and the Constitution; the French Revolution; War of 1812; breakup of political parties; new political divisions.

411 America, 1817-1920. (3) A. Formerly HIS 511. Prerequisite: HIS 203 or instructor approval. Industrialization; bossism; Populist-Progressive response to industrialism; imperialism; World War I and its immediate aftermath.

412 Depression and War, 1920-1945. (3) A. Formerly HIS 512. Prerequisite: HIS 203 or instructor approval. The Twenties; the U.S. and the Great Depression; approach of World War II; U.S. participation in war; wartime diplomacy; the home front.

423 United States and World Responsibility, 1945-Present. (3) A. Prerequisite: HIS 203 or instructor approval. Problems of postwar adjustment; the Cold War; the affluent society; problems inherent in world leadership.

433 American Diplomatic History. (3) A. Prerequisite: HIS 203 or instructor approval. American foreign relations from the late 19th century to the present; emphasis on development of major trends such as isolationism, imperialism, and internationalism.

448 Topics in History and Social Science: (3) A. Prerequisites: credit major and six hours upper division HIS. Research and writing methods in history and social science. Study topics vary according to specialties of instructor.

449 Readings in History: (3) A. Prerequisites: history major and three hours upper division HIS. The most important literature in historic fields. Fields vary according to specialties of instructor.

454 Transformation of China. (3) A. Prerequisite: HIS 375 or 365; or instructor approval. The development of the People's Republic of China since 1949; key social, political, and economic policies and institutions; Great Leap Forward; Cultural Revolution; post-1978 political and economic reform.

500 Advanced Topics in History: (5) A. Prerequisites beyond the scope of regular courses. May be taken to a maximum of six hours provided the subject differs each time.

507 Civil War and Reconstruction. (3) A. Prerequisite: HIS 202 or instructor approval. Causes, nature, and consequences of U.S. Civil War and Reconstruction.

508 Urban America. (3) A. Prerequisite: HIS 202 and 203, or instructor approval. Growth, development and implications of the city.

516 Kentucky History. (3) A. Social, economic, and political survey; Kentucky's role in national developments.

534 American Social and Intellectual History to 1850. (3) A. Prerequisite: HIS 202 or instructor approval. Cultural influences; European influences; the colonial mind; revolutionary attitudes; New England's leadership; the movement of protest and reform, the rise of a native literature.

531 American Social and Intellectual History since 1850. (3) A. Prerequisite: HIS 202 or instructor approval. Civil War; Protestantism and capitalism; Social Darwinism; literature of naturalism and realism; the 20th century mind.

539 Oral History. (3) A. Prerequisites: HIS 202 and 203, or instructor approval. Oral history as an alternative form of historical research; equipment; interviewing techniques; indexing and filing; practical experience with Oral History Center. Credit does not apply to major or minor in history.

549 Tudor-Stuart England, 1485-1688. (3) A. Prerequisite: HIS 345 or 346; or instructor approval. Resurgence of the monarchy; Protestant Reformation; Rise of Parliament; Anglicanism vs. Puritanism; Glorious Revolution; Restoration; Empress of Ireland.

552 Georgian-Victorian England, 1688-1900. (3) A. Prerequisite: HIS 346 or 344; or instructor approval. Growth of parliamentary government; expansion of British Empire; changing role of the Crown; the Industrial Revolution.
GRADUATE COURSES
700 Advanced Topics in History: ______ (3) A.
707 Civil War and Reconstruction. (3) A.
709 Urban America. (3) A.
716 Kentucky History. (3) A.
730 American Social and Intellectual History to 1850. (3) A.
731 American Social and Intellectual History since 1850. (3) A.
739 Oral History. (3) A.
749 Tudor-Stuart England, 1485-1688. (3) A.
752 Georgian-Victorian England, 1714-1901. (3) A.
800 Historiography and Criticism. (3) A.
802 Philosophy of History. (3) A.
806 Problems in Interpreting World History. (3) A.
807 Problems in Interpreting American History. (3) A.
849 Reading and Research. (3) A.
899 Thesis. (3-6) A.

DEPARTMENT OF
PSYCHOLOGY


The Department offers programs of instruction leading to a degree in psychology (teaching or non-teaching). Students with a degree in psychology have found positions in a wide variety of careers in professional psychology, research, government services, industry, and teaching. A degree in psychology also prepares students for advanced study in graduate school.

Requirements for the major or minor are designed to allow some flexibility so that each student may emphasize those areas best suited to that student’s needs, interests, and goals. The following programs are offered:

Psychology

MAJOR (BACHELOR OF SCIENCE)

Major Requirements ...........................................33 hours
PSY 201, 202, 291, 301, and 401; one course must be taken from each of the following groups:
(1) PSY 300, 305, 306, 312, 314, or 404.
(2) PSY 302, 319, 402, 405, 406, or 490.
(3) PSY 311, 313, 315, or 317.
In addition, the student must take nine hours of PSY electives, at least six of which must be upper division.

General Education Requirements .........................46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
CSO 100; eight hours of restricted electives.

Free Electives ..................................................40 hours

Total Curriculum Requirements ..........................128 hours

Psychology (Teaching)

MAJOR (BACHELOR OF SCIENCE)

Major Requirements ...........................................33 hours
PSY 201, 202, 291, 301, and 401; one course must be taken from each of the following groups:
(1) PSY 300, 305, 306, 312, 314, or 404.
(2) PSY 302, 319, 402, 405, 406, or 490.
(3) PSY 311, 313, 315, or 317.
In addition, the student must take nine hours of PSY electives, at least six of which must be upper division.

Minor ..........................................................21 hours
An approved 21-hour teaching minor or an approved second major is required.

Teacher Education Requirement ..........................28 hours
EDF 102, 202, 317, EPY 318, ESE 449, 498, and 499.

General Education Requirements .........................46 hours
Standard General Education program. Refer to Part Three of this Catalog for details on the General Education and University requirements.

University Requirements ..................................9 hours
CSO 100; eight hours of restricted electives.

Total Curriculum Requirements ..........................128 hours*

*Careful selection of minor courses is required to stay within the 128 hours total.

MINOR IN PSYCHOLOGY

Requirements for a minor are PSY 201 and 202 plus electives in PSY to total 18 hours. A teaching minor must total 21 hours. Transfer students with a one semester introductory course should not enroll in PSY 201 or 202.

SECOND MAJOR IN PSYCHOLOGY

Specific courses and minimum total hours required are the same for a first or a second major in psychology.

GRADUATE PROGRAMS

The Department of Psychology offers the Master of Science degree in clinical psychology and a Specialist in Psychology (Psy.S.) in school psychology.

Degree and admission requirements may be found in the Social and Behavioral Sciences section of the Graduate Catalog. Students earning the M.S. in clinical psychology are prepared for certification and positions as therapists in settings such as mental health (comprehensive care) centers and state hospitals. Students earning the Psy.S. in school psychology are prepared for certification and provision of a wide range of services in schools and school-related settings. Students from either of the programs often continue to doctoral programs at other institutions.

The Department also cooperates with the College of Education in offering course work for a Master of Arts in Education with an option in psychology. Requirements for this degree may be found in the College of Education section of the Graduate Catalog.
Course Descriptions

PSY—Psychology

201 Psychology as a Natural Science. (3) I, II. Introduction to the basic concepts of psychology closely related to the natural sciences, such as basic methodology, psychophysiology, sensation, perception, consciousness, learning, memory, cognitive processes, motivation, and emotion.

202 Psychology as a Social Science. (3) I, II. Introduction to concepts of psychology related to the social sciences, such as human development, learning, individual differences, personality development, adjustment, abnormal behavior, psychotherapy, social psychology, and applied psychology.

291 Psychology: Statistical-Experimental I. (4) I, II. Prerequisite: PSY 201 or 202; or instructor approval. A survey of theory and research in developmental psychology across the entire life span. Credit will not be awarded to students who have credit for PSY 312 or PSY 314.

291L Psychology: Statistical-Experimental I Lab. (2) I, II. Corequisite: PSY 291. Lab sessions are the same as in PSY 291 class.

300 Social Psychology. (3) A. Prerequisite: PSY 201 or 202; or instructor approval. Study of contemporary institutions and problems such as prejudice, affec-
tion and love, altruism, aggression, and small group behavior. Contemporary theory and research are included. Gen. Ed. 12.

301 Psychology: Statistical-Experimental II. (3) A. Prerequisite: PSY 291. Continuation of PSY 291. Credit will not be awarded to students who have credit for ECO 220 or ECO 224 or PSY 242 or ECO 264 or HEA 450 or PAD 409 or STA 202 or STA 210 or STA 270.

302 Testing and Measurements. (3) A. Prerequisite: PSY 201 or 202; or instructor approval. Principles of measurement with applications to formal and standardized tests used in education, business, industry, and government. Problems of administration, scoring, and appraisal are considered. Credit will not be awarded to students who have credit for PSY 412 or ECO 202.

305 Psychology of Personality. (3) A. Prerequisite: PSY 201 or 202; or instructor approval. Basic approaches to the study of personality Theory and fact upon which these approaches are related to various kinds of behavior patterns.

308 Abnormal Psychology. (3) A. Prerequisite: PSY 201 or 202; or instructor approval. Descriptive study of the nature, course, classification and prevalence of abnormal behavior, with attention to intellectual, personality, cognitive, sensory and motor functions.

311 Physiological Psychology. (3) A. Prerequisite: PSY 201 or 291, or instructor approval. Facts, concepts, and principles regarding psychological events that underlie behavior. Attention to contemporary research methods and problems undergirding study.

311L Physiological Psychology with Lab. (4) A. Prerequisite: PSY 291 or instructor approval. Facts, concepts, and principles regarding psychological events that underlie behavior. Attention to contemporary research methods and problems undergirding study. 3 Rec/2 Lab.

312 Developmental Psychology I. (3) A. Prerequisite: PSY 201 or 202; or instructor approval. Theoretical and empirical approaches to the development of the infant and child. Attention to perceptual, behavioral, social, and cognitive develop-
ment and the capacity for learning. Credit will not be awarded to students who have credit for PSY 280.

313 Learning. (3) A. Prerequisite: PSY 201 or 291; or instructor approval. Experimental study of learning, transfer and retention processes with an analysis of various kinds of learning.

314 Developmental Psychology II. (3) A. Prerequisite: PSY 201 or 202; or instructor approval. Developmental study with emphasis on changes during adoles-
cence, adulthood, aging and senescence. Credit will not be awarded to students who have credit for PSY 280.

315 Sensation and Perception. (3) A. Prerequisite: PSY 201 or 291; or instructor approval. Experimental study of sensation and perception, the sensory and cognitive processes by which we come to know our world.

315L Sensation and Perception with Lab. (4) A. Prerequisite: PSY 291 or instructor approval. Experimental study of sensation and perception, the sensory and cognitive processes by which we come to know our world. 3 Rec/2 Lab.

317 Cognitive Psychology. (3) A. Prerequisite: PSY 201 or 202; or instructor approval. Theoretical and empirical approaches to human cognition. Topics include knowledge acquisition and organization, memory, language, problem solving, and thinking skills.

317L Cognitive Psychology with Lab. (4) A. Prerequisite: PSY 201 or 202; or instructor approval. Theoretical and empirical approaches to human cognition. Topics include knowledge acquisition and organization, memory, language, problem solving, and thinking skills. 3 Rec/2 Lab.

319 Organizational Psychology. (3) A. Prerequisite: PSY 201 or 202; or instructor approval. Human factors in the organizational patterning of business, industry, and other institutions.

349 Cooperative Study: Psychology. (1-8) A. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight; associate; sixteen, baccalaureate. A mini-

GRADUATE COURSES

797 Advanced Topics in Psychology: ______. (3) A.

802 Seminar in Developmental Psychology: ______. (3) A.

820 Statistics and Research Design. (3) A.

823 Normal Personality and Preventive Mental Health. (3) A.

824 Intellectual Assessment. (3) A.

825 Personality Assessment. (3) A.

826 Professional Concerns. (1) A.

830 Social Processes and Development. (3) A.

840 Learning, Memory, and Cognition. (3) A.

841 Abnormal Behavior. (3) A.

843 Practicum Co-op. (3) A.

846 Behavior Therapy. (3) A.

848 Introduction to School Psychology. (3) A.

849 School Psychology Interventions. (3) A.

850 Psychotherapy and Behavior Change I: Basic Techniques. (2) A.

853 Psychophysiology. (3) A.

860 Psychotherapy and Behavior Change II: Advanced Techniques and Theo-
ries. (3) A.

862 Research in Professional Psychology. (3) A.

865 Psychological Consultation. (3) A.

871 Group and Family Interventions. (3) A.

881 Advanced Children's Assessment. (3) A.

887 Independent Work in Psychology. (1-3) A.

888 Master's Research Project. (3) A.

890 Thesis Research. (1-6) A.

899A, B Internship Co-op in School Psychology. (6) A.

899A, B Internship Co-op in Clinical Psychology. (6) A.
Course Descriptions

GSS—Social Science

142 Introduction to Social Science. (3) I, II. Focuses on the emergence of humankind, the development of culture, and the causes of social and cultural change. Analyzes hunting societies in prehistoric times, the Agricultural Revolution, and the emergence of the first civilizations. Gen. Ed. 09

246 Preindustrial World Civilizations. (3) I, II. Analyzes the pattern of agrarian civilizations by examining societies in India, China, the Middle East, and Europe. Explores why industrialism developed first in Europe. Credit will not be awarded to students who have credit for HIS 231. Gen. Ed. 10.

247 Industrialism in World Civilizations. (3) I, II. Investigates the Industrial Revolution and its spread in the 19th Century. Analyzes the pattern of industrialism in the 20th Century and the emerging global crisis. Credit will not be awarded to students who have credit for HIS 232. Gen. Ed. 11.

250 Ideologies and Institutions of Contemporary Society. (3) A. Analyzes the major ideologies and institutions of the 20th Century, such as liberalism, socialism, and nationalism. Examines American and Soviet economic and political systems and their impact on one another. Gen. Ed. 12.

280 Selected Topics in Social Science: _________ (1-3). A. Prerequisite: three hours social or behavioral science. Explores one contemporary global issue including its historical background, present status, and likely future developments. May be repeated for credit. Maximum of three hours if topics are different.

300 Global Challenge and Response. (3) I, II. Examines global issues which affect both Industrial and Third World nations today, such as the population explosion, environmental degradation, and the arms race. Emphasizes student discussion. Based on perspective developed in previous GSS courses. Gen. Ed. 12.

DEPARTMENT OF
SOCIAL SCIENCE

K. R. Nelson, Chair; Biesinger, Campbell, Chase, Everman, Johnson, Klatte, L. M. Lewis, R. Lewis, Orchard, Roberts, Rohman, Stebbins, Tunnell, Webb.

The primary objective of the General Studies Social Science (GSS) program is to help students understand our contemporary world. In a sequence of four courses the program surveys the evolution of human societies, emphasizing the acceleration of social and cultural change toward a global system since the Industrial Revolution. The GSS program is interdisciplinary; students learn to interpret the present by using terms, concepts, and principles from the various social sciences to analyze the development of societies in an historical framework. The program focuses on the broad experience of all humankind, not on one period of time or on one country or region.

Students analyze the major stages of humankind's social and cultural evolution — that is, the change from a hunting to an agrarian to an industrial pattern of life. They examine when and how each great transformation occurred, the limitations and opportunities facing humankind at each stage, and the significant differences in the three patterns. Knowledge of the major stages and patterns gives students a framework for organizing significant facts about societies in general. Through this approach students become aware that many of the world's problems today originated in preindustrial times — that societies have attempted to apply preindustrial solutions to problems of the industrial age. The program helps students acquire the global outlook necessary for living in today's highly interdependent world.
THE GRADUATE SCHOOL
VIRGINIA FALKENBERG, DEAN

CONTENTS

Degrees and Programs .................................. 202
Application to the Graduate School ............... 203
Types of Graduate Admission ....................... 203
International Student Admission .................. 204
General Information .................................. 204
Second Master's Degree Requirements ............. 205
Specialist's Degree Requirements .................. 205
Joint Doctoral Programs .............................. 205

DEGREES AND PROGRAMS

The Graduate School, in cooperation with the College of Allied Health and Nursing, the College of Applied Arts and Technology, the College of Arts and Humanities, the College of Business, the College of Education, the College of Health, Physical Education, Recreation and Athletics, the College of Law Enforcement, the College of Natural and Mathematical Sciences, and the College of Social and Behavioral Sciences, offers the following degree programs and options:

College of Allied Health and Nursing
   Master of Science degree
      Occupational Therapy

College of Applied Arts and Technology
   Master of Science degree
      Community Nutrition
      Industrial Education
      with options in:
      teaching and vocational administration
      Manufacturing Technology
      Manufacturing Technology

College of Arts and Humanities
   Master of Arts degree
      English
   Master of Music degree
      with options in:
      choral conducting, performance, and
      theory/composition

College of Business
   Master of Business Administration degree

College of Education
   Master of Arts in Education degree
      Communication Disorders
      Elementary Education
      with options in:
      early elementary education, middle grade education, and
      reading
      School Counseling
      with options in:
      elementary and secondary

Secondary Education
   with options in:
      agriculture, allied health sciences, art, biology, business,
      chemistry, earth science, English, general science, geogra-
      phy, history, home economics, industrial education, mathe-
      matics, physical education, physics, political science, psy-
      chology, reading, school health, and sociology

Special Education
   with options in:
      early childhood, hearing impaired, learning and behavior
      disorders, and trainable mentally handicapped

Master of Arts degree
   Community Counseling
   Student Personnel Services in Higher Education

Master of Music Education degree
   Specialist in Education degree
      Educational Administration and Supervision
      Elementary Education
      Physical Education
      School Counseling
      Special Education
      Student Personnel Services in Higher Education

Fifth and Sixth Year Certification for Teachers and School Serv-
ice Personnel
   Pupil Personnel
   Early Elementary, Middle Grade and Secondary Counseling
   Early Elementary, Middle Grade, and Secondary School Principal
   School Business Administration
   Director of Special Education
   School Psychology
   School Superintendent
   Supervisor of Instruction
   Teacher Certification

Joint Doctoral Program in Education
   (Joint Ed.D. programs are offered cooperatively with the Uni-
   versity of Kentucky)

College of Health, Physical Education, Recreation and Athletics
   Master of Science degree
   Physical Education
   with option in:
   sports administration
   Recreation and Park Administration
College of Law Enforcement
Master of Science degree
Criminal Justice
with options in:
corrections and juvenile services and police administration
Loss Prevention and Safety

College of Natural and Mathematical Sciences
Master of Science degree
Biology
with option in:
ecology
Chemistry
Geology
Mathematical Sciences
with options in:
mathematics, computer science, and statistics
Physics
Joint Doctoral Program
(Joint Ph.D. program in Biological Sciences is offered cooperatively
with the University of Kentucky)

College of Social and Behavioral Sciences
Master of Arts degree
History
Political Science
Master of Science degree
Clinical Psychology
Master of Public Administration degree
with options in:
community development and community health administration
Specialist in Psychology
School Psychology

APPLICATION TO THE GRADUATE SCHOOL
Admission to the Graduate School at Eastern Kentucky University is based upon evidence that the applicant has already attained a certain minimal academic proficiency and will be able to pursue creditably a program of graduate study in a given field. Applicants must assume responsibility for filing complete admission data with the Office of the Graduate School including the following materials:

Application Form—Each student must submit a completed, signed application form with all requested information provided. Forms are available upon request from the Graduate School. There is no application fee.

Transcripts—Two official copies of transcripts of all previous college/university credits showing all grades received and any degrees or certificates that have been awarded must be provided by each applicant. An official transcript must bear the seal and signature of the registrar from the sending institution. Graduates from all schools other than Eastern Kentucky University should contact their registrar(s) and request that official copies of their transcripts be forwarded directly to the Graduate School Office, Eastern Kentucky University, Coates Box 5-A, Richmond, KY 40475-3101. Students seeking admission must be graduates of a fully accredited four year institution of higher learning authorized to grant the baccalaureate degree.

Graduate Record Examination—All applicants for admission to degree programs (except MBA) must submit satisfactory official score reports from the general section of the Graduate Record Examination (GRE) at the time of application for admission to graduate studies. Certain domestic students who have not had a prior opportunity to take the GRE may be admitted provisionally for one semester provided they take the test during their initial semester as a graduate student. Some programs require area scores in the subject field in addition to the general section of the exam. Students who are applying for a Master of Business Administration degree must provide official scores on the Graduate Management Admission Test (GMAT). Applications to take these exams must be sent to Educational Testing Service, P. O. Box 6000, Princeton, New Jersey 08541-6000. Application forms are available in the Graduate School office. It is the student's responsibility to apply for and take the examination(s) and to have the official scores sent to the Dean of the Graduate School, Eastern Kentucky University, Coates Box 5-A, Richmond, KY 40475-3101.

Letters of Recommendation—Applicants for degree programs should solicit three letters of recommendation from previous teachers and request that they be mailed to the Graduate School office as soon as possible. Applicants for assistantships may not be considered until letters are on file and certain programs will withhold admission until letters have been received. Please refer to program areas for specific requirements regarding letters of recommendation.

TYPES OF GRADUATE ADMISSION
Domestic students may be admitted to graduate study in any one of several categories:

Clear Admission
Applicants who meet the requirements for both general admission to graduate degree study and for a particular program are eligible for clear admission. General requirements for clear admission are:
A. A baccalaureate degree from an accredited institution.
B. An overall undergraduate grade point average (UGPA) of 2.5 or of 2.75 (4.0 = 'A') on the last 60 semester hours of the baccalaureate program (all hours attempted in the semester in which the 60th hour occurs will be counted).
C. Satisfactory scores on the GRE (minimum 1000 verbal, quantitative, and analytic combined) or on the GMAT (350).
D. Individual programs may have additional or higher criteria for clear admission.

Provisional Admission
An applicant unable to supply all of the required application materials prior to admission consideration, but who otherwise meets the admission requirements may be granted provisional admission upon the recommendation of the appropriate department and approval of the Dean of the Graduate School. Complete and satisfactory credentials must be received by the Graduate School before the end of the semester in which the student has registered in a provisional status. A student normally will not be permitted to enroll in the Graduate School with a provisional status for more than one semester. Provisional admission does not guarantee, in any way, subsequent clear admission. International students may not be admitted on a provisional basis.

Probationary Admission
An applicant who does not meet conditions B and or C of the admission requirements for clear admission but does show promise for successful graduate study may be granted probationary admission upon the recommendation of the appropriate department and approval of the appropriate academic dean and the Dean of the Graduate School. Students must be removed from probationary admission prior to registering in any graduate course work beyond an initial 12 hours. No course work taken prior to the term of admission may be used on the degree program for students admitted on probationary admission. The minimum condition for transfer from probationary admission status to clear admission status is the successful completion of at least nine hours of graduate course work at Eastern Kentucky University while maintaining a graduate grade point average of at least 3.0.
and with no more than one grade (regardless of the number of course credit hours) of "C" or lower. Special course requirements or other conditions may be imposed by the department, academic dean, and/or the Dean of the Graduate School. The Graduate School will inform the student of all conditions for consideration for clear admission at the time the student is granted probationary admission status. A student in probationary status may not hold an assistantship or be admitted to candidacy for any graduate degree without first achieving clear admission status. International students may not be admitted on a probationary admission basis.

**Non-Degree Admission**

**General Non-Degree Admission**

An individual wishing to take graduate courses at Eastern Kentucky University for personal or professional development, but who does not plan to pursue a graduate degree program, may be admitted as a non-degree student with the approval of the Dean of the Graduate School. Non-degree students must hold a baccalaureate degree from an accredited institution and must have a minimum overall undergraduate grade point average of 2.0 (4.0 = 'A').

**Certification Non-Degree Admission**

An individual wishing to take graduate courses as a part of initial or additional certification programs, including Rank II and Rank I classification programs, is eligible for certification non-degree admission.

**Visiting Student Admission**

Because of its unique programs and facilities, faculty, diversified institutes and workshops, Eastern is attractive to many students who have been previously admitted to other accredited graduate schools. In order for a visiting student to be officially enrolled for graduate credit at Eastern, the student must file an application form and submit an official Visiting Student Certificate. The Visiting Student Certificate must bear the seal of the Graduate School and the signature of the Graduate Dean where the student has been admitted. Copies of the visiting student forms may be obtained from the Graduate School office.

**Undergraduate Admission**

An undergraduate student who needs nine or fewer credit hours in one semester (three or fewer credit hours in one summer session) to complete all of the requirements of a baccalaureate degree at an accredited institution may be allowed to register for graduate credit work under the conditions described below.

All work for undergraduate credit will be completed during that semester or summer session. The total registration for all work will not exceed 12 credit hours in a semester (six credit hours in a summer session). All work to be counted for graduate credit must be approved in advance of registration by the graduate program advisor, the student's undergraduate college dean, and the Dean of the Graduate School.

Approval forms for Undergraduate Graduate Concurrent Enrollment may be obtained from the Graduate School office. The student must make application to the Graduate School and meet all pertinent conditions for admission. Graduate credits earned must not be used to meet undergraduate requirements.

**Undergraduate Honors Admission**

An Eastern undergraduate student who needs 30 or fewer credit hours to complete all of the requirements of the baccalaureate degree may be considered for undergraduate honors admission to the Graduate School to enroll in graduate course work or be considered for special provisional admission to a graduate degree program. To be eligible for undergraduate honors admission, the student must have an overall undergraduate grade point average of at least 3.5 at the time of admission. The student must maintain an overall undergraduate grade point average of at least 3.5 and a graduate grade point average of at least 3.0 to continue in the honors program. Students who wish to be considered for provisional admission to a graduate degree program are advised to take the GRE during their junior year or during the first semester they hold undergraduate honors admission status. Students may earn a maximum of 12 graduate credit hours while holding undergraduate honors admission status. A maximum academic load of 15 hours during a regular fall or spring semester and of nine hours during the summer session is permissible when the honors admission student is concurrently enrolled in graduate and undergraduate level course work.

Application for undergraduate honors admission should be initiated by the student by completing an application to the Graduate School at least 30 days prior to requesting enrollment in any undergraduate classes. Undergraduate honors admission to the Graduate School must be supported by all appropriate advisors and college deans, as well as the Dean of the Graduate School.

**Senior Citizens Admission**

A senior citizen (65 years or older) who holds a baccalaureate degree from an accredited institution may be granted special provisional admission to a degree program. Upon the completion of nine graduate credit hours with a minimum grade point average of 3.0, the student may be considered for clear admission to that degree program.

**INTERNATIONAL STUDENT ADMISSION**

International students who meet specific program requirements and for whom Eastern has appropriate programs at the graduate level are invited to make application. Such applications must be supported by satisfactory evidence of their qualifications to pursue a full course of study at this institution. Applications for admission of international students are not considered complete without official transcripts showing grades and degree(s) awarded, official Test of English as a Foreign Language (TOEFL) scores, official scores on the verbal, quantitative, and analytic portions of the Graduate Record Examination (GRE), Declaration and Certification of Finances and three letters of recommendation. Students who are applying for a Master of Business Administration program must provide official scores on the Graduate Management Admission Test (GMAT). Each of these examinations is given in a large number of centers throughout the world. Specific information on center locations, test dates, fees, and application materials should be requested from Educational Testing Service, P. O. Box 6000, Princeton, New Jersey 08541-6000, U.S.A.

International students should apply several months in advance of their expected attendance date. Appropriate I-20 forms will be issued after all official credentials have been received and the completed application has been reviewed and approved by the major department. The U.S. Immigration and Naturalization Service requires certification that all standards for admission have been met before the I-20 form is issued. International students are required to complete their admissions procedures at least 30 days prior to the term in which they expect to enter.

**GENERAL INFORMATION**

Eligibility for admission to the Graduate School does not ensure admission to a specific graduate program. Some programs may have additional requirements beyond the university minimums. All students who intend to pursue a particular graduate program should refer to the specific program requirements listed in the college and/or department section of the Graduate Catalog. All programs assume certain formal and informal prerequisites. Normally any deficiencies in preparation must be resolved during the first enrollment.

Attendance in The Graduate School at Eastern Kentucky University is not a right. It is a privilege which may be withdrawn by the University or any area of graduate study if it is deemed
necessary by the Dean of The Graduate School in order to safeguard the University's standards. The Graduate School reserves the right to withdraw without credit or refund any student for whom application is incomplete at the end of the first enrollment.

Student Responsibilities
It is the student's responsibility to become familiar with all regulations and procedures required by the graduate program being pursued. In no case should a student expect waiver or exception to published program requirements by pleading ignorance to the regulation or asserting that an advisor or other authority did not directly present the information. All students should become familiar with the general academic information section of the Graduate Catalog and the specific college/departmental program requirements. Only the Graduate Council has the authority to waive the basic requirements stated in the Graduate Catalog. No statements made by any person regarding waiver of admission/program requirements shall in any way bind the Graduate Council.

SECOND MASTER'S DEGREE REQUIREMENTS
Students desiring to pursue a second master's degree at Eastern Kentucky University shall have completed all requirements for the first master's degree at Eastern or another accredited university. In general, the same basic requirements for general admission, admission to candidacy, and other conditions previously stated in the Graduate Catalog relative to the first master's degree are also applicable to the second degree with the following exceptions:
1. A maximum of 12 semester hours of completed graduate work from the first master's degree may be applied toward the second degree if such courses are within the seven year time limit, are appropriate for the second program, and are approved.
2. If the second master's degree involves certification (e.g., the Master of Arts in Education degree), all requirements for the certificate must be met prior to admission to candidacy.
Candidates for a second master's degree should file application for admission to graduate school and identify their second program prior to registration for additional course work. The student should then contact the assigned advisor from the department offering the second program and plan a complete program of studies. Individual programs have specific requirements which must be met before pursuing a second master's degree. Normally, any deficiencies in preparation for a second master's degree must be resolved during the first enrollment.

SPECIALISTS DEGREE REQUIREMENTS
The University offers advanced graduate work leading to the Specialist's degree. Beginning graduate students interested in two-year programs with special preparation for teaching or professional service opportunities in post-secondary technical school, junior or senior colleges should seek early advisement in order to assure proper program development.
Candidates for specialist degrees must possess an overall undergraduate grade point average of at least 2.5.
Candidates for specialist degree status must offer an overall graduate grade point average of 3.3.
Students should refer to the appropriate college/department section for specific admission and program requirements in the Graduate Catalog.
Twelve hours of course work must be completed prior to graduation after admission to candidacy for the degree.

JOINT DOCTORAL PROGRAMS
Eastern Kentucky University, in cooperation with the University of Kentucky, offers joint doctoral programs in education and biology. Qualified graduate students who have completed their master's programs at Eastern have an opportunity to continue with a joint doctoral program in these areas. The final doctoral degree is awarded by the University of Kentucky.

Admission to the program is considered by a joint screening committee selected from faculty representing the two institutions. The candidate may continue in residence at Eastern Kentucky University completing a maximum of 30 semester hours beyond the master's degree prior to transfer to the University of Kentucky. Throughout the program term, the student shall be enrolled in both schools but will pay fees only to the resident University.

GRADUATE CATALOG
Additional information concerning the Graduate School at Eastern Kentucky University is available in the Graduate Catalog. A Graduate Catalog may be requested by writing the Graduate School, Eastern Kentucky University, Coates Box 5-A, Richmond, KY 40475-3101.
OFFICIAL DIRECTORY

CONTENTS

Board of Regents ........................................... 206
Administrative Staff ......................................... 206
Military Science Department ................................. 209
Faculty .......................................................... 210
Retired Faculty .................................................. 221
Retired Administrative Staff ................................. 223

Board Of Regents
1991-92
Board of Regents Membership:
John Cooper, Lexington, Kentucky
James T. Gilbert, Berea, Kentucky
Rodney Gross, Grayson, Kentucky
Marilyn Hacker, Lexington, Kentucky
Ernest M. House, London, Kentucky
James H. Howard, Richmond, Kentucky
Joseph E. Lambert, Mt. Vernon, Kentucky
Walter E. May, Pikeville, Kentucky
Karl Kuhn, Faculty Regent
Kenneth Upchurch, Student Regent

Administrative Staff

OFFICE OF THE PRESIDENT

HANLY FUNDERBURK, BS, MS, PhD ......................... President
ROBERT R. MARTIN, AB, MA, EdD, LTD ................. President Emeritus
CHARLES D. WHITLOCK, AB, MA, EdD .................... Executive Assistant
DONNA M. MASTERS, BS .......................... Administrative Assistant

ADMINISTRATION

JAMES R. CLARK, BA, MPA ......................... Director, Planning and Budget
Larry Sherman, BBA .............................. Assistant Director
Lana Gibbs ........................................ Administrative Assistant
TOM LINDQUIST, BS, MS ................. Division of Public Safety
J. Mark Jozefowicz, BBA .................... Assistant Director
Wynn Walker, BA .............................. Assistant Director
Larry Westbrook, AB, MA .................... Assistant Director
GILES BLACK, BS, MA, JD ............. University Counselor
REBECCA EDWARDS, BA, JD ............. Affirmative Action Officer

OFFICE OF ACADEMIC AFFAIRS AND RESEARCH

JOHN D. ROWLETT, BS, MS, EdD ................... Vice President for Academic Affairs and Research; Dean of the Faculties
Phyllis W. Plummer .......................... Administrative Assistant
RUSSELL F. ENZIE, BS, MS, PhD ............. Associate Vice President for Academic Affairs and Research
Connie L. Agee, AA .......................... Administrative Assistant
CHARLES C. HAY, AA, BA, MA ............. Director, University Archives
VIRGINIA FALKENBERG, BS, MS, PhD ........ Director, Graduate Studies and Research
Brenda Bogie .......................... Administrative Assistant
MARION W. OGDEN, BM, MRE, MS, ReD .... Director, Extended Programs
EVANS TRACY, BA, MSSW ............. Director, Grants and Contracts
R. DEAN ACKER, BA, MEd, EdD .............. Director, Institutional Research and Testing
JACK L. CULROSS, BS, MA, PhD ............. Dean, Academic Support and Undergraduate Studies
JAMES L. GRIGSBY, BA, MA ................. Director, Division of Admissions
Donna F. Kenney, BS, MA .................. Assistant Director, Admissions Counseling
Shelley Park, BA .......................... Admissions Counselor
Elizabeth Ann Mauney, BA .......... Admissions Counselor
Karen Young, BA .......................... Admissions Counselor
ART S. HARVEY, BS, MS ................. Director, Division of Career Development and Placement
Laura A. Melius, AA, BA, MBA ............. Assistant Director
KENNETH E. NOAH, BS, MA .............. Director, Cooperative Education
JOSEPH FLORY, BS, MEd, PhD .......... Director, International Education; Foreign Student Advisor
JILL H. ALLGIER, BS, MA .................. Registrar
Wanda Sue Lainhart ..................... Administrative Assistant
Loretta Leszcynski ..................... Administrative Assistant
Brenda Strong .......................... Administrative Assistant
DAVID D. GALE, BA, MA, PhD ........... Dean, College of Allied Health and Nursing
Patsy Daugherty, BS, MA, EdD ........ Director, Independent Study Lab
OFFICE OF UNIVERSITY RELATIONS AND DEVELOPMENT

DONALD R. FELTNER, BS, MA..........................Vice President for University Relations and Development
Beverly G. Burrus, BBA..........................Administrative Assistant
LARRY W. BAILEY, BA, MA..........................Director, Division of Alumni Affairs; Secretary of Alumni Association
Leander B. Jennings, BS, MS..........................Assistant Director
Sandra K. Tapley..........................Production Control Coordinator
WILLIAM M. ABNEY, AA, BS, MS..........................Director, Division of Development
Lana W. Carnes, BS, MA..........................Assistant Director
RONALD E. HARRELL, BA, MA..........................Director, Division of Public Information
Donald E. Rist, Jr., BFA..........................Associate Director
C. Mason Smith, BA, MA..........................News Editor
Gregory K. Perry, BA..........................Photographer

OFFICE OF ADMINISTRATIVE AFFAIRS

JOSEPH R. SCHWENDEMAN, BS, MS, PhD..........................Vice President for Administrative Affairs
Lola Ann Puckett..........................Administrative Assistant

CAROL J. TEGUE, BS, MS..........................Director, Division of Academic Computing Services
Melvin Alcorn, AA, BS..........................Systems Network Manager
Retha Anglin..........................Micro Center Coordinator
Judith Cahil, BS..........................Software Consultant
Dudley Comman, BS..........................Systems Programmer
John Hawkins, AB..........................Operations Supervisor
Margaret Lane, BS..........................Software Consultant
Robert Martin, BS..........................Software Consultant
Bobby Raines, BS, BS..........................Software Consultant
William Wiley, AAS..........................Computer Operator
A. DAVID ALLGIER, BS..........................Director, Division of Administrative Information Services
Lloyd D. Ballard, BBA, ME..........................Technical Support Manager
Dorothy D. Bowlin..........................Computer Operator
Diane L. King..........................Data Control Technician
Susan N. Douglas, BS..........................Programmer/Analyst
Patricia A. Farthing..........................Computer Operator
Deborah B. Johnson..........................Data Control Technician
E. Jane Lakes..........................Production Control Coordinator
Donald G. Lambert..........................Programmer/Analyst
Rebecca K. Letcher, BBA..........................Programmer/Analyst
Norman A. Martin, BBA..........................Applications Support Manager
Patricia D. Martin, BBA..........................Operations Manager
David L. Midgett, AA..........................Data Base Administrator
Paul L. Mills..........................Production Control Coordinator
Pamela J. Price..........................Tape Librarian
Lois F. Pruitt..........................Data Control Technician
Patrick E. Ridgley, BS..........................Security and QA Officer
Edward D. Riley, AA..........................Systems Programmer
David L. Thompson..........................Production Control Coordinator
Judith L. Varney, BS..........................Programmer Analyst
Pamela L. Waltermire, AA..........................Programmer Analyst
Fay Young..........................Computer Operator
JACK K. FLETCHER, BS, MS, EdD..........................Director, Arnim D. Hummel Planetarium
Cory Anderson..........................Audio Visual Specialist
FREDERICK C. KOLLOFF, BA, MA, PhD..........................Director, Division of Media Resources
Rex D. Barker, AA..........................Audio Visual Service Engineer
Larry C. Bobbert, BS, MA, EdD..........................Television Producer
William S. Browning, AA..........................Cable Operations Engineer
Judith A. Flavell, BA..........................Coordinator, Promotion and Development, WEKU-FM/WEKH
John L. Francis..........................Radio Operations Supervisor/WEKU-FM/WEKH
Forrest Wayne Gregory, BA..........................Radio Music/Fine Arts Producer
Lauren P. Harrison, AS, BA..........................Art Coordinator
Stuart A. Johnson, BA..........................Producer/Reporter
WEKU-FM/WEKH
Loy W. Lee, BS..........................Assistant Manager/Music Coordinator, WEKU-FM/WEKH
W. Douglas Marshall, BS, MS..........................Cable Operations Supervisor
Jack E. McDowell, BA, MA..........................Television Producer
Marie J. Mitchell, BGS, MA..........................Coordinator, News and Public Affairs, WEKU-FM/WEKH
George L. Pfotenhauer, AA, BEd, MS, MSLS..........................Assistant Director/Instructional Media
Gene B. Robbins..........................Assistant Director, Engineering
### Military Science Department

**Lieutenant Colonel David L. Reimold** (1987), Professor of Military Science, BA, Bloomsburg; MS, Indiana (PA).

**Major Seford R. Olsen** (1988), Assistant Professor of Military Science, BS, State University College Cortland, New York; MS, Eastern Kentucky.

**Captain Ira J. Begley, II** (1988), Assistant Professor of Military Science, BS, Eastern Kentucky.

**Captain Craig E. Cowell** (1989), Assistant Professor of Military Science, BS, Eastern Kentucky.

**Captain Rick Lewis** (1989), Assistant Professor of Military Science, BS, Eastern Kentucky.

**Captain Daniel G. Malone** (1990), Assistant Professor of Military Science, AA, Dalton College; BA, Tennessee; MA, Webster University.

**Captain Frank N. Morin** (1990), Assistant Professor of Military Science, BS, South Alabama.

**Captain Gregory I. Story** (1988), Assistant Professor of Military Science, BA, Western Kentucky.

**Master Sergeant Donald L. Tri** (1991), Chief Instructor.

**Master Sergeant Arthur Roberson, Jr.** (1990), Senior Drill Instructor.

**Staff Sergeant Michael A. Stephens** (1991), Drill Instructor.

**Staff Sergeant Kimberly Vaughn,** (1988), Administrative Specialist Clerk, Attended Ferris State, Big Rapids, Michigan; Eastern Kentucky.

---

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timothy J. Singleton, BS, MS</td>
<td>Assistant Director/Station Manager, WEKU-FM/WEKH</td>
</tr>
<tr>
<td>Ronald W. Smith, BA</td>
<td>Radio Producer, WEKU-FM/WEKH</td>
</tr>
<tr>
<td>Teresa K. Snow, BA</td>
<td>Graphic Designer</td>
</tr>
<tr>
<td>Donald K. Walker</td>
<td>Chief Engineer, WEKU-FM/WEKH</td>
</tr>
<tr>
<td>Glenn R. Wise</td>
<td>Television Technician</td>
</tr>
<tr>
<td>William H. Martin, BS, MS, PhD</td>
<td>Director, Division of Natural Areas</td>
</tr>
<tr>
<td>Michael R. Brotzge, BS</td>
<td>Superintendent, Lilley Cornett Woods</td>
</tr>
<tr>
<td>Joseph A. Gambino, AA</td>
<td>Food Service Supervisor, Maywoods</td>
</tr>
<tr>
<td>Homer L. Strong, BS</td>
<td>Manager, Maywoods</td>
</tr>
<tr>
<td>Robert T. Watts</td>
<td>Assistant Superintendent, Lilley Cornett Woods</td>
</tr>
<tr>
<td>Chad Middleton, BS, MA</td>
<td>Director, Division of Physical Plant</td>
</tr>
<tr>
<td>Harold Denham, BBA</td>
<td>Office Manager</td>
</tr>
<tr>
<td>Elder Goble</td>
<td>Assistant Director, Mechanical Services</td>
</tr>
<tr>
<td>Edward R. Herzog, BS</td>
<td>Assistant Director, Building Structures</td>
</tr>
<tr>
<td>Tom Richardson</td>
<td>Assistant Director, Housekeeping Services</td>
</tr>
<tr>
<td>David Williams, BS</td>
<td>Assistant Director, Campus and Grounds</td>
</tr>
<tr>
<td>Harold Brown</td>
<td>Painting Supervisor</td>
</tr>
<tr>
<td>Troy Cornett</td>
<td>Academic and Service Buildings Custodial Supervisor</td>
</tr>
<tr>
<td>Ballard Denny</td>
<td>Carpentry Supervisor</td>
</tr>
<tr>
<td>James Frederick</td>
<td>Heat Plant Supervisor</td>
</tr>
<tr>
<td>Clay Gibson</td>
<td>Buildings Crafts Supervisor</td>
</tr>
<tr>
<td>Joe Hensley</td>
<td>Controls Technician</td>
</tr>
<tr>
<td>William David Hepburn, Jr.</td>
<td>Housing Administrator</td>
</tr>
<tr>
<td>David Kelley</td>
<td>Pest Control Supervisor</td>
</tr>
<tr>
<td>Roger Mattox</td>
<td>Electrical Supervisor</td>
</tr>
<tr>
<td>Harold Smith</td>
<td>Mechanical Supervisor</td>
</tr>
<tr>
<td>John Young</td>
<td>Technical Specialist, Energy Management System</td>
</tr>
<tr>
<td>Lucie J. Nelson, AB, MPA</td>
<td>Director, Division of Special Programs</td>
</tr>
<tr>
<td>Gale Moore, BBA</td>
<td>Assistant Director</td>
</tr>
<tr>
<td>Nancy Smith, BS</td>
<td>Program Coordinator</td>
</tr>
<tr>
<td>Leigh Ann Sadler, BS</td>
<td>Special Interest Coordinator</td>
</tr>
<tr>
<td>Myra Sue Carter</td>
<td>Graphics Specialist</td>
</tr>
<tr>
<td>Lynn Dee Garrett, BA</td>
<td>Conference Planner</td>
</tr>
</tbody>
</table>
ABNEY, WILLIAM M. (1976), Director, Development; Assistant Professor, Fire and Safety Engineering Technology. AA, BS, MS, Eastern Kentucky.

ABRAMS, ANNA F. (1972), Associate Professor, Nursing. RN; BSN, MSN, Kentucky.

ACKER, R. DEAN (1963), Director, Institutional Research; Professor, Education. BA, Wooster; MEd, EdD, Florida.

ADAMS, JACK L. (1962), Professor, Physical Education. BS, MA, Eastern Kentucky; EdD, Kentucky.

ADAMS, RICHARD R. (1984), Chair, Professor, Art. BA, Hobart; MFA, Indiana.

ADAMS, ROBERT M. (1979), Chair, Professor, Psychology. BA, MA, PhD, Tennessee.

ADAMS, WILLIAM G. (1966), Professor, Geography. BA, Stetson; MA, additional graduate work, Kentucky.

ADKINS, BERTEE (1975), Associate Professor, Administrative Communication and Services. BS, MA, Eastern Kentucky; EdD, Kentucky.

ADKINS, JUDY L. (1988), Instructor, Home Economics Education; Laboratory School. BS, MS, Morehead State.

ALEXANDER, KIMBERLY A. (1986), Instructor, Science Education; Laboratory School. BSE, MA, Northeast Missouri State.

ALFORD, JAMES D. (1969), Associate Professor, Finance. BS, MBA, Kentucky.

ALLAMEH, E. JOY (1978), Assistant Professor, English. BS, Middle Tennessee; MA, Arkansas; PhD, Kentucky.

ALLEN, JAMES HOWARD (1969), Dean, Student Development; Associate Professor, Education. AB, Union; MA, Kentucky; PED, Indiana.

ALLEN, KATHRYN (1987), Assistant Professor, Occupational Therapy. OTR/L; BS, Mt. Mary; MS, Kentucky.

ALLEN, M. JANE (1982), Associate Professor, Social Work. BA, Mississippi College; MSW, Tulane.

ALLEN, MARY B. (1988), Instructor, Mathematics; Laboratory School. BS, Berea; MEd, Southern California.

AMBROSE, KELLY (1989), Instructor, Physical Education; Laboratory School. BA, Berea; MS, Eastern Kentucky.

ANDERSEN, CATHY M. (1986), Assistant Professor, Medical Record Science. RRA; BS, Bemidji State; MPH, Texas.

ANDERSON, JOY (1978), Chair, Professor, Occupational Therapy. OTR/L; BA, David Lipscomb; post baccalaureate certificate, Texas Woman's; MA, Western Michigan.

ARNOLD, MELBA J. (1991), Assistant Professor, Occupational Therapy. OTR/L; BS, Northeast Louisiana; MS, Boston.

BAECHTOLD, JAMES E. (1957), Associate Professor, Recreation. BS, Eastern Kentucky; MS, Indiana; additional graduate work, Indiana.

BAECHTOLD, SHIRLEY (1978), Assistant Professor, English. BA, MA, Eastern Kentucky; additional graduate work, Eastern Kentucky, Indiana.

BAGBY, ROBERT E. (1972), Professor, Police Studies. BA, Wilmington; MEd, PhD, Miami (OH).

BAGGOTT, VICKEY (1988), Librarian IV. Libraries and Learning Resources. BA, Stetson; MLS, East Carolina; ALA-MLS, Southern Mississippi.

BAKER, ELIZABETH (1969), Assistant Professor, Libraries and Learning Resources. BA, MA, Ohio; BM, Eastman School of Music: additional graduate work, Eastern Kentucky.

BALL, JUDITH K. (1980), Assistant Professor, Libraries and Learning Resources. BA, Berea, MSLS, Kentucky; additional graduate work, Eastern Kentucky, Kentucky.

BANKS, ALAN J. (1981), Professor, Sociology. BS, Indiana State; MA, PhD, McMaster.

BARKLEY, DWIGHT G. (1968), Professor, Agriculture. BS, Pennsylvania State; MS, PhD, Virginia Polytechnic.

BARKSDALE, MILTON K. (1969), Assistant Professor, Libraries and Learning Resources. BS, Eastern Kentucky; MSLS, additional graduate work, Kentucky.

BARR, DIXON A. (1961), Professor, Education. BS, Ball State; MA, EdD, Columbia.

BARTON, ROBERT M. (1976), Athletic Trainer; Professor, Physical Education. AB, Kentucky; MS, Marshall; MA, Middle Tennessee.

BATCH, DONALD L. (1965), Dean, College of Natural and Mathematical Sciences; Professor, Biology. BS, Illinois College; MS, PhD, Illinois.

BATTES, JAMES W. (1988), Assistant Professor, Psychology. BS, MS, Eastern Kentucky; MEd; PhD, Kentucky.

BAUGH, CAROL (1978), Professor, Nursing. RN; BSN, Eastern Kentucky; MSN, DNS, Indiana.

BAUGH, ROBERT J. (1970), Dean, College of Health, Physical Education, Recreation and Athletics; Professor, Health Education. BS, MS, HSD, Indiana.

BAUM, KAREN H. (1988), Instructor, Physical Education; Laboratory School. BS, MA, Eastern Kentucky.

BEAL, DONALD G. (1987), Associate Professor, Psychology. BA, Arizona; PhD, Texas Tech.

BEARDSLEY, THOMAS B. (1970), Associate Professor, Educational Psychology and Counseling. BS, Southeast Missouri; MEd, Missouri; EdD, Mississippi; additional graduate work, Southern Illinois.

BEDETTI, GABRIELLA (1981), Associate Professor, English. BA, Bates; MA, PhD, Iowa.


BEGLEY, JOYCE (1983), Assistant Professor, Nursing. RN; BSN, Berea; MA, Union; MSN, Tennessee.

BELKNAP, LARRY K. (1989), Chair, Associate Professor, Recreation and Park Administration. BA, Morris Harvey; MS, Marshall; ReD, Indiana.

BENDALL, VICTOR I. (1966), Professor, Chemistry. BS, ARCS Imperial (England); MS, Bucknell; PhD, Brown.

BENNNET, HELEN (1981), Associate Professor, English. BA, Queens; PhD, Brown.

BENSON, RICHARD L. (1969), Professor, Speech and Theatre Arts. BA, California (Los Angeles); MA, PhD, Illinois.

BENZING, LYNNIE (PENNY) (1983), Associate Professor, Occupational Therapy. OTR/L; BS, Ohio State; MA, South Florida.

BETTLER, ALAN R. (1970), Associate Professor, French. AB, MA, PhD, Indiana.

BICKUM, GILBERT (1987), Assistant Professor, Finance. BSME, Tufts; MBA, Northern Florida; PhD, Florida.

BIESINGER, JOSEPH A. (1966), Professor, Social Science. BS, MA, Loyola (Chicago); PhD, Rutgers.

BISHOP, KATHY (1990), Assistant Professor, Occupational Therapy. OTR/L; BS, Minnesota; MPA, Kentucky.

BLACK, GILES T. (1969), Professor, Police Studies. BS, Jacksonville State; MA, Western Kentucky; JD, Kentucky.

BLACK, STEPHEN A. (1978), Associate Professor, Agriculture. BS, MS, Louisiana State; PhD, Tennessee.

BLACKWELL, MARGARITA C. (1974), Assistant Professor, Home Economics. BS, MS, Alabama; additional graduate work, Alabama, Eastern Kentucky.

BLAKENEE, ANNE (1984), Associate Professor, Occupational Therapy. OTR/L; BS, Tennessee; MSOT, Boston.

BLAKENEE, MICHAEL (1989), Visiting Instructor, Medical Services Technology. RN, EMT; BS, Louisiana State; BSN, Eastern Kentucky.

BLANCHARD, PAUL D. (1970), Professor, Political Science. BA, Michigan; MS, Southern Illinois; PhD, Kentucky.

BLAND, PAUL E. (1969), Professor, Mathematical Sciences. BA, MS, Virginia; PhD, South Carolina.

BLANKENSHIP, JOSEPH U. (1977), Assistant Football Coach; Assistant Professor, Health Education. BS, MA, Eastern Kentucky; additional graduate work, Murray, Western Kentucky, Eastern Kentucky.

BLYTHE, JR., HAROLD R. (1972), Professor, English. BA, Kentucky Southern; MA, Florida; PhD, Louisville.

BOdleY, DONALD E. (1975), Director, Institute of Real Estate Studies; Chairholder, Professor, Real Estate. BA, MA, Eastern Michigan.

BOEWE, JOAN-LORNA (1970), Professor, Music. BM, Michigan State; additional graduate work. Hochschule fur Musik (Munich, Germany).

BOLLING, JULIEN HOPE (1972), Associate Professor, Special Education. BS, East Tennessee; MA, Kentucky; additional graduate work, Eastern Kentucky, Kentucky.

BONAR, BRUCE D. (1977), Director, Laboratory School; Professor, Social Science Education; Laboratory School. AB, West Liberty State (WV); MA, EdD, West Virginia.

BOTT, THERESA M. (1989), Visiting Assistant Professor, Psychology. BS, MS, Eastern Kentucky.
BOWEN, JUDITH (1988), Assistant Professor, Occupational Therapy. OTR/ L; BA, Muhlenberg: post baccalaureate certificate, Columbia; MPA, Memphis State.

BOYD, J. STEPHEN (1990), Visiting Instructor, Accounting. BBA, Kentucky; MBA, Bellarmine; CPA, Kentucky, Texas.

BOYD, URSEL D. (1967), Professor, German. JD, Washington; MA, PhD, Maryland.

BROADFORD, MARY (1984), Assistant Professor, Nursing. RN; FNP; BSN, Northern Illinois; MSN, Kentucky.

BRANSON, BRUCE A. (1965), Professor, Biology. AB, Oklahoma A&M; BS, MS, PhD, Oklahoma State.

BREASHEAR, DIANA (1978), Assistant Professor, Nursing; RN; BSN, MSN, Kentucky.

BREKEN, TODD (1986), Assistant Professor, Medical Services Technology. REMT-P; BS, Mankato State; MS, Ostropathic Medicine and Health Sciences.

BREWER, PEGGY D. (1980), Professor, Management. BS, Morehead; MA, Murray; DBA, Louisiana Tech.

BREWER, VIRGIL L. (1980), Chair, Finance and Business Systems; Professor, Finance. BS, Kentucky; MBA, Marshall; DBA, Texas Tech.

BRIGHT, MICHAEL H. (1969), Professor, English. AB, Western Kentucky; PhD, Tulane.

BRITT, DANNY G. (1975), Chair, Professor, Agriculture. BS, Western Kentucky; MS, PhD, Michigan State.

BROCK, MARTIN L. (1990), Assistant Professor, Chemistry. BA, California (San Diego); PhD, Illinois: post doctoral work, Imperial (London); Southern CA.

BROCK, JR., ALLEN C. (1970), Associate Professor, English. BS(Ed), MEd, Georgia.

BROMLEY, RICHARD H. (1974), Professor, Music. BM, Lawrence; MM, American Conservatory of Music; DMA, Colorado.

BROOKER, RICHARD A. (1977), Professor, Construction Technology. AA, Ft. Scott; BS, Kansas (Pittsburg); MS, Kansas (Emporia); EdD, Arkansas.

BROOKS, ANNE P. (1972), Chair, Professor, Humanities. BS, East Carolina; MAT, Duke; PhD, Florida State.

BROOKS, JAMES F. (1968), Associate Professor, Mathematical Sciences. BS, MS, Florida State; PhD, Kentucky; additional graduate work, Wayne State.

BROWN, DEBRA B. (1988), Assistant Professor, Elementary Education; Laboratory School. BS, MA, Eastern Kentucky.

BROWN, HARRY N. (1970), Professor, English. AB, Davidson; MA, Appalachian State; PhD, Ohio.

BROWN, STEPHEN M. (1988), Associate Professor, Management. BS, Illinois; MS, Southern Illinois, PhD, Georgia.

BROWN, TOMMY R. (1970), Assistant Professor, Technology. BS, MS, Eastern Kentucky; additional graduate work, Kentucky, Eastern Kentucky.

BROWNIE, WILLIAM A. (1975), Professor, Traffic Safety. AB, Catawba; MA, PhD, Michigan State.

BRUBAKER, ROBERT G. (1984), Associate Professor, Psychology. BA, Oklahoma City; MA, Indiana State; PhD, South Florida.

BURKHART, JOHN D. (1972), Associate Professor, Home Economics. AB, St. Charles Barrameo; MA, PhD, Ohio State.

BURKHART, ROBERT E. (1967), Professor, English. BBA, MA, Pittsburgh; EdD, Cincinnati.

BURNHAM, J. DOUGLAS (1975), Professor, Social Work. BA, Montevello; MSW, Alabama.

BUSSON, TERRY L. (1980), Professor, Political Science. BA, MA, PhD, Kent State.

BYRNE, ROBERT L. (1965), Director, Educational Research and Evaluation; Professor, Elementary Education. BSEd, Ohio; MEd, Kent State: EdD, George Peabody.

BYRNE, SHIRLEY M. (1980), Professor, Elementary Education. BSEd, Ohio; MSEd, Massachusetts; EdD, Kentucky.

CAIN, DONALD R. (1981), Professor, Mass Communications. BS, Auburn; MS, Wisconsin; PhD, Michigan State.

CAIN, KAREN S. (1985), Assistant Professor, Mathematical Sciences. AB, Berea; MA, Eastern Kentucky; additional graduate work, Kentucky.

CALDowell, Elaine C. (1976), Associate Professor, Medical Record Science. RRA; BA, Mount Marty; MA, North Dakota.

CALCIN, GERALD F. (1972), Professor, Physics. AB, Wooster; MS, Ohio; MS, PhD, Massachusetts.

CAMPBELL, GEORGE E. (1972), Associate Professor, Social Science. BS, MA, PhD, Georgia.

CAMPBELL, PHILIP (1985), Associate Professor, Medical Technology. MT(ASCP); BS, West Virginia; MS, Kentucky.

CANNON, DEAN C. (1978), Professor, Mass Communications. BS, MS, Indiana State; PhD, Ohio State.

CARR, DONALD E. (1982), Associate Professor, Computer Information Systems. BS, MS, California (Davis).

CARR, GLORIA T. (1972), Acting Chair, Associate Professor, Special Education. BS, MAEd, Eastern Kentucky; additional graduate work, Kentucky, PhD, Kentucky.

CARTER, DOROTHY A. (1964), Associate Professor, French. BA, MA, PhD, Kentucky.

CARTER, KIM (1987), Instructor, Middle School Language Arts; Laboratory School. BA, MA, Eastern Kentucky.

CASEY, VERA (1970), Assistant Professor, Libraries and Learning Resources. BA, Eastern Kentucky; MS; Indiana additional graduate work, Eastern Kentucky.

CHAPMAN, ANN D. (1989), Assistant Professor, Educational Psychology and Counseling. BA, Agnes Scott; MA, Indiana; EdS, PhD, Kentucky.

CHASE, LAWRENCE J. (1970), Professor, Social Science. AB, LaSalle; MA, Duquesne; PhD, Notre Dame.

CHASTAIN, GARY K. (1966), Professor, Technology. BS, MS, Indiana State; EdD, Missouri.

CHEN, RICHARD (1989), Associate Professor, Accounting. BBA, National Taiwan; MBA, PhD, Texas; CPA, Texas.

CHRIETZBERG, AGNES L. (1973), Professor, Physical Education. BS, Georgia; MS, PhD, Florida State.

CIVY, III, GEORGE A. (1975), Assistant Professor, Art, BA, Transylvania; MA, Iowa; additional graduate work, North Carolina.

CLAWSON, KENNETH T. (1968), Professor, Education. BS, MA, Appalachian State; PhD, Florida State.

CLAY, GENEVIEVE (1966), Assistant Professor, Libraries and Learning Resources. BA, Rhodes College, MLS, Kentucky.

CLEMENT, CATHERINE R. (1989), Assistant Professor, Psychology. AB, California (Berkeley); MA, PhD, Clark.

CLEWETT, JR., RICHARD M. (1969), Professor, English. BA, MA, PhD, Chicago.

CLIFTON, EVA JEAN (1986), Assistant Athletic Trainer/Instructor, Physical Education/Athletics. BS, Oregon State; MAEd, additional graduate work, Eastern Kentucky.

COE, STEPHEN H. (1966), Associate Professor, History. BA, Brown; MA, PhD, American.

COLLINS, DAVID (1990), Assistant Professor, Accounting. BA, MA, South Florida; PhD (candidate) Georgia State.

COLLINS, JANET (1971), Director, Continuing Education and Special Programs; Associate Professor, Nursing. RN; BSN, MSN, Kentucky.

COLLINS, LARRY R. (1990), Associate Professor, Fire and Safety Engineering Technology. AS, Al睫gheny; BS, MEd, California (U PA); additional graduate work, West Virginia.

COLLINS, PAMELA A. (1986), Associate Professor, Security and Loss Prevention. BS, MS, Eastern Kentucky; EdD, Kentucky.

COMBS, MARTHA L. (1968), Assistant Professor, English Education; Laboratory School. AB, AM, Morehead; additional graduate work, Eastern Kentucky.

CONAWAY, MARTHA (1976), Associate Professor, English. AB, Kentucky; MA, Eastern Kentucky: PhD, Southern Illinois (Carbondale); post doctoral work, Georgetown (Washington, D.C.).

COOK, JERRY D. (1983), Associate Professor, Physics. BA, Berea; MS, PhD, Kentucky.

CORDER, GARY W. (1987), Associate Professor, Police Studies. BS, Northeastern; MS, PhD, Michigan State.

CORE, DEBORAH L. (1982), Associate Professor, English. BA, Bethany; MA, Marshall; PhD, Kent State.

CORNELSON, JILL (1990), Instructor, Medical Services Technology. ASN, Eastern Kentucky; BSN, Kentucky.

COSTELLO, PATRICIA S. (1982), Associate Professor, Statistics. BA, Thomas More; MS, PhD, Ohio State.
HARRIS, BOND (1973), Associate Professor, Philosophy. BA, Richmond; BD, ThM, Southeastern Seminary; PhD, Drew.

HARRIS, JAMES S. (1965), Professor, Mass Communications. AB, Kentucky; MA, Illinois; additional graduate work, Missouri, Southern State, Ohio State, Pennsylvania State.

HARRIS, LONNIE G. (1987), Assistant Professor, Special Education. BA, Texas Tech; MA, Northern Texas State; PhD, South Carolina.

HARRIS, PHILLIP H. (1964), Professor, Art. AB, MA, Kentucky.

HART, BEVERLY (1988), Assistant Professor, Nursing. RN, BS, Eastern Kentucky; MS, Bellarmine.

HART, DOMINICK J. (1970), Chair, Professor, English. BS, St. Peter's; PhD, South Carolina.

HARTWELL, ROBERT (1967), Professor, Music. BME, Capital; MA, Ohio State; DME, Cincinnati.

HARVEY, ARTHUR S. (1972), Director, Career Development and Placement; Assistant Professor, Health. BS, MS, Kansas State; additional graduate work. Kansas, Lewis College.


HAYES, J. LAURENCE (1989), Associate Professor, Special Education. BS, MS, Oregon; PhD, Arizona.

HAYES, SUSIE (1966), Associate Professor, Elementary Education; Laboratory School. BS, MEd, Illinois; additional graduate work, Eastern Kentucky.

HEBERLE, KLAUS H. (1972), Professor, Political Science. BA, Louisiana State; MA, PhD, Chicago.

HELFRICH, CHARLES T. (1971), Professor, Geology. BA, St. Charles Seminary; MSS, Villanova. PhD, Virginia Polytechnic Institute.


HENDRICKS, ROBERTA C. (1968), Professor, Elementary Education. BS, MEd, Eastern Kentucky; EdD, Kentucky.

HENEMIER, DAVID S. (1990), Assistant Professor, Aviation. BS, Temple; MBA, Campbell.

HENRIKSON, DONALD G. (1959), Professor, Music. BM, MM, Illinois; DMA, Missouri.

HENRIKSON, KEVIN (1986), Instructor, Music Education; Laboratory School. BME, MM, Eastern Kentucky.

HENSON, KENNETH T. (1988), Dean, College of Education; Professor, Curriculum and Instruction. BS, Auburn; MEd, Florida; EdD, Alabama.

HENSON, LINDA S. (1983), Assistant Professor, Mass Communications. BA, MA, MA, Kentucky; additional graduate work, Kentucky, Eastern Kentucky.

HEYER, ROSE M. (1987), Instructor, Special Education; Laboratory School. BS, MA, Eastern Kentucky.

HIBBARD, JANET G. (1961), Professor, Marketing. BS, MA, Eastern Kentucky; EdD, Indiana.

HIGGINS, J. THOMAS (1972), Tennis Coach; Director, Adams Indoor Tennis Center; Assistant Professor, Health Education. BS, MA, Murray State; additional graduate work, George Peabody, East Tennessee, Eastern Kentucky.

HILL, KATHLEEN KULP (1969), Professor, Spanish. BS, Kansas State; MA, PhD, New Mexico.

HILL, ORDELLE (1966), Professor, English. BA, Augustaana; MA, Auburn; PhD, Illinois.

HILTON, CHARLES L. (1979), Chair, Business Administration; Professor, Transportation and Physical Distribution. BS, MS, North Carolina (Chapel Hill); PhD, Michigan State.

HINDMAN, C. DOUGLAS (1968), Professor, Psychology. BA, McMurray; MS, PhD, Florida State.

HINDSMAN, FRANCES A. (1981), Chair, Associate Professor, Medical Record Science. RRA; BA, MBA, Jacksonville State (AL).

HINTON, SAMUEL (1990), Assistant Professor, Educational Studies. BA, Durham, England; MEd, Virginia; MA, Kent State; EdD, Virginia.

HISOM, J. RAY (1967), Assistant Professor, Health. BS, MA, Eastern Kentucky; additional graduate work, Kentucky, Ohio, Eastern Kentucky.

HOAGLAND, BRUCE (1967), Professor, Music. BS, Indiana State; MS, Illinois; DMA, Missouri.

HOBART, CATHY J. (1990), Assistant Professor, Psychology. BA, Aquinas; MA, PhD, Wayne State.

HOFFMANN, JACQUELINE C. (1965), Assistant Professor, Elementary Education; Laboratory School. BS, MA, Eastern Kentucky; additional graduate work, Eastern Kentucky, Kentucky.

HOGG-HARTMAN, EMogene (1960), Professor, Administrative Communication and Services. BS, Berea; MA, Eastern Kentucky; EdD, Kentucky.

HOLLAND, JEANNE A. (1973), Professor, Humanities. BA, Fontbonne; BM, Webster; MA, PhD, North Carolina.

HOLMES, JR., HAROLD Z. (1969), Professor, Physical Education. BS, MS, PhD, Illinois.

HOPKINS, RONALD L. (1976), Assistant Professor, Fire and Safety Engineering Technology. BS, MS, Murray State.

HUME, BONNIE B. (1968), Professor, Educational Foundations. AB, Eastern Kentucky; MA, EdD, Kentucky.

HUNT, ALAN J. (1982), Assistant Professor, English. BS(Ed), Ball State; MA, Butler; PhD, Ball State.

HUNTER, ELLA L. (1987), Associate Professor, Nursing. RN; BS, Oklahoma Baptist; MS, Texas Woman's; PhD, Vanderbilt.

HURLEY, ANGELA B. (1989), Assistant Professor, Curriculum and Instruction. BS, MA, Eastern Kentucky; EdD, Kentucky.

HUSSEY, BARBARA (1981), Associate Professor, English. BA, California; MS, PhD, Purdue.

HUSTON, JANIS L. (1987), Assistant Professor, Medical Record Science. RRA; BS, Ohio State; MEd, Bowling Green State.

ISAACS, JUDITH A. (1969), Assistant Professor, Art Education; Laboratory School. BA, Valparaiso; MS, Indiana; additional graduate work, Ohio, Eastern Kentucky, Long Island.

ISAACS, RONALD B. (1969), Professor, Art. AB, Berea; MFA, Indiana.

JENNINGS, JOHN D. (1967), Assistant Football Coach; Assistant Professor, Health Education. BS, MA, Eastern Kentucky; additional graduate work, Indiana.

JACOBS, ALLISON (1991), Visiting Instructor, High School Spanish; Laboratory School. BA, MA, Eastern Kentucky.

JAMES, ROBERT R. (1988), Instructor, Music. BM, Oakland; MM, Miami (OH).

JANEWAY, BILLY D. (1981), Associate Professor, Mathematical Sciences. BS, Cumberland; MS, PhD, Houston.

JANICKE, GARY L. (1990), Assistant Professor, Agriculture. BS, MS, Kansas State; PhD, Oklahoma State.

JANSSEN, KAREN N. (1976), Associate Professor, Special Education. BA, DePauw; MS, EdD, Indiana.

JARCEWSKI, PAT (1985), Chair, Associate Professor, Nursing. RN; BSN, Mary Hardin-Baylor; MS, Texas Woman's.

JENKINS, JOHN D. (1970), Coordinator, Manufacturing Technology; Professor, Technology. BS, MA, Ball State; EdD, Texas A&M.

JENNINGS, M. WAYNE (1970), Director, Intramural Programs; Professor, Physical Education. BA, MEd, Texas; MS, Eastern Kentucky; EdD, North Texas.

JENNINGS, MYRENA (1967), Professor, Administrative Communication and Services. BS, MA, Eastern Kentucky; PhD, Georgia State.

JINKS, JOAN (1984), Assistant Professor, Nursing. RN, AA, Morehead; BSN, Eastern Kentucky; MSN, Kentucky.

JOHNSON, FRED M. (1969), Associate Professor, English. BA, Union; MA, PhD, Alabama.

JOHNSON, KEITH W. (1976), Associate Professor, Theatre Arts. AB, Eastern Kentucky; MA, MFA, Cincinnati.

JOHNSON, SARAH T. (1970), Coordinator, Professor, Social Science. AB, MA, Alabama; additional graduate work, Kentucky.

JOHNSON, WORLEY (1988), Assistant Professor, Environmental Health. BS, MPA, Eastern Kentucky.

JOINER, J. E. (1983), Director, MBA Program; Associate Professor, General Business. BA, Georgetown; JD, Louisville.

JONES, DENNIS W. (1991), Associate Professor, Traffic Safety. BS, Northwest Missouri State; ME, Guam; EdD, Central Missouri State.

JONES, JO NELL (1964), Professor, Administrative Communication and Services. BA, Bowling Green; College of Commerce; MA, Western Kentucky; EdD, Tennessee.

JONES, KIRK (1990), Assistant Professor, Mathematics. BA, MA, Northern Iowa, PhD, Iowa State.

JONES, RONALD L. (1981), Professor, Biology. BA, David Lipscomb; PhD, Vanderbilt.
JONES, SANFORD L. (1961), Chair, Biological Sciences; Professor, Biology. BS, Eastern Kentucky; MS, Kentucky; PhD, Medical School, Tennessee.

JONES, WILLIAM B. (1988), Associate Professor, Technology. BS, Western Washington State; MS, EdD, Arizona State.

JONES, WILLIAM F. (1971), Professor, Philosophy. BS, BA, Georgetown (KY); MA, PhD, Tulane.

JORDAN, CAROL A. (1989), Assistant Professor, Insurance. BS, Bowling Green, Ohio; MA, PhD, Georgia.

JOYNER, JERRY E. (1969), Professor, Technology. BS, MS, Eastern Kentucky; EdD, Missouri.

JUDGE, MICHAEL (1981), Assistant Professor, Agriculture. BS, MS, Kentucky; additional graduate work, Eastern Kentucky.

KARNS, JAMES M. (1975), Professor, Economics. BS, U.S. Military Academy; MA, PhD, Oklahoma.

KAUTZMANN, LISETTE (1986), Associate Professor, Occupational Therapy. OTR/L; BS, Milwaukee-Downer; MS, Wisconsin-Milwaukee; EdD, Nova.

KEEFE, THOMAS L. (1966), Assistant Professor, Biology. BS, MS, South Carolina; PhD, Georgia.

KELLEY, LARRY (1978), Assistant Professor, Nursing. RN; CFNP; BSN, Eastern Kentucky; MSN, Tennessee; additional graduate work, Indiana.

KENSICKI, PETER R. (1989), Chairholder of Insurance Studies; Professor, Insurance. BBA, Cincinnati; MIns, DBA, Georgia State.

KEPPERLE, ROY C. (1982), Professor, Geology. BA, Colorado; MS, South Dakota School of Mines and Tech; PhD, Cincinnati.

KIDD, ROY L. (1963), Athletics Director; Football Coach; Assistant Professor, Physical Education. AB, MA, additional graduate work, Eastern Kentucky.

KILGORE, JEFFERY B. (1986), Assistant Professor, Technology. BA, MS, Berea; MS, Eastern Kentucky; additional graduate work, Kentucky.

KINNEER, ROGER D. (1974), Assistant Professor, Industrial Education; Laboratory School. BS, MAEd, Spec Tech, Eastern Kentucky.

KING, AMY P. (1972), Professor, Mathematical Sciences. BS, Missouri; MA, Michigan State; PhD, Kentucky.

KING, MILTON S. (1975), Professor, Management. BBA, MS, Texas A&I; DBA, Mississippi State.

KING, REBECCA K. (1973), Associate Professor, French. BA, McNeese State; Diploma, Sorbonne (Paris); MA, Indiana; PhD, Kentucky.

KIPER, SARA C. (1990), Visiting Instructor, Third Grade Teacher; Laboratory School. BS, Georgetown; MA, Western Kentucky.

KIPP, SUSAN H. (1984), Assistant Professor, Home Economics. BS, Kentucky; MS, Iowa State; additional graduate work, Eastern Kentucky.

KIRKPATRICK, DOROTHY (1962), Coordinator, Secondary Education Program; Professor, Physical Education. BS, Winthrop; MS, Tennessee; EdD, Kentucky; additional graduate work, Eastern Kentucky.

KIRZINGER, CATHERINE B. (1984), Assistant Professor, Home Economics. BS, MS, Eastern Kentucky; additional graduate work, Tennessee, Eastern Kentucky.

KLATTE, MARY ELLEN (1970), Associate Professor, Social Science. BA, Eastern Kentucky; MA, EdD, Kentucky.

KLEINE, GLEN A. W. (1967), Dean, College of Applied Arts and Technology; Professor, Mass Communications. BS, MA, Missouri; EdD, Eastern Kentucky; EdD, East Tennessee.

KLINE, ROBERT L. (1969), Chair, Government; Professor, Political Science. BS, Carroll; MA, Northern Illinois; PhD, Colorado.

KNIGHT, THOMAS E. (1978), Assistant Professor, Agriculture. BS, MS, Tennessee; additional graduate work, Tennessee, Kentucky, Eastern Kentucky.

KOLLOFF, FREDERICK C. (1969), Director, Division of Television and Radio; Assistant Professor, Broadcasting. BA, Kalamazoo; MA, Michigan State; EdD, Indiana.

KOPACZ, PAULA (1985), Associate Professor, English. AB, Mount Holyoke; MA, Connecticut; PhD, Columbia.

KUBIACK, LAVINIA H. (1978), Assistant Professor, Home Economics. BS, MS, Florida State; additional graduate work, Eastern Kentucky.

KUBIACK, TIMOTHY J. (1973), Professor, Geography. BA, Toledo; MA, PhD, Michigan State.

KUFN, KARL F. (1966), Professor, Physics. BA, Bellarmine; MS, PhD, Kentucky.

KUHNHEIN, GARY L. (1979), Chair, Professor, Geology. BS, Morehead State; MS, Eastern Kentucky; PhD, Illinois.

KURZINGER, BETSY (1980), Assistant Professor, Art. BFA, MFA, East Carolina.

KWAK, MICHIKO (1972), Assistant Professor, Libraries and Learning Resources. BA, MS, Eastern Kentucky; MSLS, Kentucky; additional graduate work, Eastern Kentucky, Indiana.

KWAK, TAE-HWAN (1969), Professor, Political Science. BA, Hanguk of Foreign Studies (Korea); MA, Clark; PhD, Claremont Graduate School.

LACKEY, JACKSON B. (1986), Assistant Professor, Computer Science. BS, Eastern Kentucky; MA, additional graduate work, Kentucky.

LAIRD, CHRISTOPHER E. (1967), Professor, Physics. BS, MS, PhD, Alabama.

LANE, BENNIE R. (1966), Professor, Mathematical Sciences. BA, MA, Colorado State; PhD, George Peabody.

LANE, JOSEPHINE G. (1978), Associate Professor, Mathematical Sciences. BA, Northern Colorado; MA, Eastern Kentucky; EdD, Kentucky.

LANE, PRISCILLA (1967), Assistant Professor, Elementary Education; Laboratory School. AB, MAEd, Eastern Kentucky.

LANGENBRUCH, THEODOOR (1960), Chair, Foreign Languages; Professor, German. MA, PhD, Hamburg (Germany).

LASH, CHARLES E. (1967), Associate Professor, Technology. BS, MA, Murray State; additional graduate work, Murray State, Eastern Kentucky.

MATTAT, CHARLES M. (1966), Assistant Professor, English. BA, MA, Louisville.

LAWRENCE, PAUL R. (1982), Professor, Educational Administration. BS, MSeD, EdD, Indiana.

LEE-RIFTE, NANCY (1968), Professor. English. BA, Agnes Scott; MA, Radcliffe; PhD, Kentucky.

LEONARD, JUDITH J. (1983), Assistant Professor, Marketing. BS, Appalachian State; MS, EdD, Auburn.

LEUNG, ESTHER (1979), Professor, Special Education. BA, Columbia Bible; MAEd, Eastern Kentucky; PhD, Ohio State.

LEUNG, SAMUEL S. (1969), Professor, Geology. BS, National Taiwan; MS, PhD, Illinois.

LEVAN, JEROME H. (1969), Professor, Computer Science. BA, MA, Alabama; PhD, Kentucky.

LEVAN, MARIJO O. (1969), Professor, Mathematical Sciences. BS, Spring Hill; MA, Alabama; PhD, Florida.

LEVINE, JUDITH R. (1987), Instructor, English. BA, Western Reserve; MA, Kentucky.

LEWIS, L. MICHAEL (1968), Associate Professor, Social Science. BA, St. Joseph's; MA, additional graduate work, Notre Dame.

LEWIS, RAYMOND J. (1965), Associate Professor. Social Science. BS, MA, Kent; additional graduate work, Kent State, Arizona, Kentucky, Poona (India).

LICHTY, BARBARA E. (1976), Associate Professor, Elementary Education; Laboratory School. BS, Ohio State; MAEd, additional graduate work, Eastern Kentucky.

LICHTY, DANIEL A. (1969), Assistant Professor, Physical Education. BA, MA, California State (Los Angeles); additional graduate work, Eastern Kentucky.

LIFLAND, MITCHELL L. (1990), Associate Professor, Technology. BS, MEng, Florida; MBA, Eastern Kentucky.

LIN, CHANG-YANG (1983), Assistant Professor, Computer Information Systems. BA, Taiwan; MS, Kentucky; PhD, Arkansas.

LOYD, THEODORE J. (1986), Assistant Professor, Technology. BS, MS, Wisconsin-Stout; additional graduate work, Kentucky.

LORDEN, ROSANNE B. (1986), Associate Professor, Psychology. BA, Armstrong State; MS, PhD, Georgia.

LUHMAN, REID A. (1974), Professor, Sociology. AB, California (Davis); MA, PhD, Kansas.

LUY, JACK A. (1964), Professor, Technology. BS, MS, Stout State; EdD, Missouri.

LUY, MARCIA (1970), Assistant Professor. Nursing. RN; BS, Kentucky; MA, Eastern Kentucky.

MACKINNON, D. NORRIS (1977), Associate Professor, Spanish. AB, Davidson; MA, North Carolina; PhD, Kentucky.

MACLAREN, BRUCE (1968), Chair, Natural Science; Professor, Physical Science. BA, Luther; MS, PhD, Wisconsin.

MACLAREN, MARCIA (1980), Assistant Professor, English. BA, Luther; MA, additional graduate work, Eastern Kentucky.

MAHANNA-BODEN, SUSAN (1986), Assistant Professor, Special Education. BSEd, Kansas; MS, Phillips; PhD, Wichita State.
OLSON, LEANN (1991), Visiting Instructor, Special Education. BA, South Dakota; MS, Oklahoma.

ORCHARD, CECIL C. (1966), Associate Professor, Social Science and History. BA, Brigham Young; MA, PhD, Brandeis.

OTERO, RAYMOND B. (1968), Professor, Biology. BS, Dayton; MS, Rochester; PhD, Maryland; post doctoral research, Kentucky.

OXENDINE, SHARRON (1990), Visiting Instructor, Mathematics. BS, Union; MA, Eastern Kentucky.

PARTIN, VICKI (1989), Visiting Instructor. Mathematics. BS, MS, Kentucky.


PATRICK, DARE R. (1956), Professor, Technology. BS, MS, Indiana State; additional graduate work, Eastern Kentucky. Indiana State.

PATRICK, MARIETTA S. (1981), Associate Professor, English. BA, Morehead State; MA; Ohio; PhD, Kentucky.

PATTERSON, JANET (1975), Professor, Political Science. BA, Mount Holyoke; MA, PhD, California (Berkeley).

PAUL, HELEN (1989), Assistant Professor. Nursing. RN; BS, Cumberland College; BSN, Wright State; MSN, Kentucky; additional graduate work, Georgia State.

PAWSON, RITA (1979), Assistant Professor, Nursing. RN; BS, Eastern Kentucky; MN, Kentucky.

PEEBLES, CYRIL A. (1990), Visiting Assistant Professor, Management. BBA, additional graduate work. Kentucky.

PEEL, NANCY D. (1967), Professor, Elementary Education. AB, MA, Kentucky; EdD, Indiana; Honorary Diploma Mathematics, Goulburn (Australia).

PERRY, JERRY P. (1973), Professor, Mass Communications. BA, Berea; MA, Iowa; PhD, Syracuse.

PFOTENHAUER, HARRETT (1979), Assistant Professor. Nursing. RN; BSN, Milligan; MA, Eastern Kentucky; MSN, Tennessee.

PFOTENHAUER, JR., GEORGE L. (1969), Coordinator, Division of Media Resources; Assistant Professor, Libraries and Learning Resources. AA, Wilson Junior; BEd, Chicago Teachers; MS, Indiana; additional graduate work, Kentucky.

PIERCE, RONALD (1964), Associate Professor, Mathematical Sciences. BS, Morehead State; MA, additional graduate work, Kentucky.

PLUMMER, BONNIE (1973), Professor, English. BA, MA, Eastern Kentucky; EdD, Kentucky.

POE, ELMER C. (1981), Professor, Technology. BS, Fairmont; MS, Eastern Kentucky; PhD, Maryland.

POLVINO, GERALDINE J. (1966), Volleyball Coach; Professor, Physical Education. BS, State University College at Brockport; MA, Eastern Kentucky; PhD, Iowa.

POTTIER, GARY W. (1988), Associate Professor. Police Studies. BS, MS, PhD, Pennsylvania State.

POWELL, HOWARD B. (1969), Professor, Chemistry. BS, Murray State; MA, PhD, Texas.

POWELL, MELISSA (1990), Instructor, Nursing. RN; BSN, Eastern Kentucky; MSN, Kentucky.

POWERS, BETTY C. (1977), Professor, Home Economics. BS, Berea; MS, EdD, Kentucky.

POWERS, RICHARD L. (1989), Associate Professor, Marketing. BBA, MBA; Marshall; DBA, Memphis State.

PRATT, BRUCE R. (1988), Associate Professor. Agriculture. BS, Delaware Valley; MS, PhD, West Virginia.

PREWITT, GARY W. (1968), Coordinator, Industrial Education; Professor, Technology. BS, MA, Eastern Kentucky; EdD, Northern Colorado.

QUILLEN, DENNIS E. (1967), Associate Professor, Geography. BS, MS, PhD, Tennessee.

RAINIE, JANE G. (1967), Professor, Political Science. AB, Goucher; MA, PhD, Emory.

RAINIE, JR., GLENN W. (1972), Professor, Political Science. BA, Oglethorpe; MA, PhD, Georgia.

RAMEY, BARBARA A. (1983), Associate Professor, Biology. BA, Cornell College; MS, Miami (OH); PhD, Kentucky.

RAMSDELL, LESLIE C. (1970), Associate Professor, Health Education. BS, Lyndon State; MS, Indiana; EdD, West Virginia.

RAMSEY, IMogene (1966), Chair, Curriculum and Instruction; Professor, Elementary Education. BS, MA, Eastern Kentucky; EdD, Indiana.

RAMSEY, MARIANNE P. (1989), Instructor, Home Economics. BA, MA, Kentucky; additional graduate work, Eastern Kentucky, Florida, Clark.

RAPP, LOIS (1985), Assistant Professor. Nursing. RN; BA, BSN, Eastern Kentucky; MSN, Bellarmine.

REED, THOMAS E. (1971), Professor, Correctional Services. AB, Southwestern of Memphis; BD, Louisville Presbyterian Theological Seminary; MA, PhD, Kentucky.

REEDE, JR., CHARLES H. (1972), Chair, Professor, Correctional Services. AB, Berea; MA, EdD, Kentucky.

REID, CYNTHIA (1991), Instructor, Occupational Therapy. OTR/L; BS, Texas A&M; MOT, Texas Woman's.

REID, JON (1991), Visiting Professor, Educational Psychology and Counseling. BA, Midwestern State; MA, Southwest Baptist Theological Seminary; PhD, Texas Womens.

REITSMAN, BEVERLY A. (1967), Instructor; Education; Librarian. Laboratory School. BA, MA, Western Michigan.


RENFRO, JOY (1988), Instructor. Medical Services Technology. RRA; BS, MA; EdD, Eastern Kentucky.

REYNOLDS, DOUGLAS N. (1982), Associate Professor, Biological Science. BS, Yale; PhD, Duke.

REYNOLDS, ROBERT S. (1986), Associate Professor, Social Studies Education; Laboratory School. BSEd, Kent State; MEd, Toledo.

REZAIE, JALEH (1983), Associate Professor. Computer Science. BS, Prestonsburg (KY); BS, MS, additional graduate work, Eastern Kentucky; MS, additional graduate work. Kentucky.

RHEE, CHONGKYE (1990), Assistant Professor, Computer Science. BS, Persian Nat (Korea); MS, PhD, Oklahoma.

RICKS, TRUETT A. (1972), Dean, College of Law Enforcement; Professor. Police Studies. BBA, MBA, Memphis State; PhD, Florida State.

RIGGS, JAY G. (1968), Associate Professor. Psychology. AB, MA, PhD, Wayne State.

RINK, RICHARD A. (1977), Associate Professor, Computer Science. BSEE, Purdue; MS, PhD, Rochester.

RITCHISON, GARY K. (1979), Professor, Biology. BA, MA, Marktop State; PhD, Utah State.

ROBERSON, MICHAEL T. (1987), Associate Professor, Management. BS, Auburn; MS, PhD, Tennessee.

ROBERTS, CAROL C. (1968), Assistant Professor. Social Science. BA, Eastern Kentucky; MA, additional graduate work, Kentucky.

ROBERTS, FRANCIS J. (1978), Assistant Professor, Social Studies Education; Laboratory School. AB, Eastern Kentucky; MA, California (Davis); additional graduate work, California, Eastern Kentucky.

ROBERTS, JOHN (1985), Chair, Professor. Music. BM, Oklahoma City; MM, Eastman; PhD, Louisiana.

ROBINETTE, DANNY R. (1972), Dean, College of Arts and Humanities; Professor. Speech. BA, Berea; MAT, Vanderbilt; PhD, Ohio.

ROBINSON, RICHARD M. (1985), Associate Professor, Finance. BS, Portland State; PhD, Oregon; post doctoral work, Georgia.

ROGERS, DOUGLAS C. (1986), Assistant Professor, Mass Communication. BS, MS, Arkansas State; additional graduate work, Eastern Kentucky.

ROGERS, NELLIE (1971), Assistant Professor. Nursing. RN; BSN, Kentucky; MA, Eastern Kentucky.

ROITMAN, JOEL M. (1970), Associate Professor. Social Science. BA, MA, Memphis State; PhD, Cincinnati.

ROBET, GWENDOLYN (1990), Visiting Instructor. Accounting. BS, MS, Kentucky.

ROWLETT, JOHN D. (1951), Vice President, Academic Affairs and Research; Dean of Faculties; Professor. Technology. BS, MS, North Texas; EdD, Illinois.

RUSH, DAVID L. (1970), Director, Professional Laboratory Experiences; Professor. Educational Administration. AB, MA, Eastern Kentucky; EdD, Ball State.

RYDEEN, KAY (1988), Instructor, Occupational Therapy. OTR/L; BA, Macalaster; MOT, Texas Woman's.

RYOTI, DON E. (1977), Professor. Mathematical Sciences. BA, Northwestern; MA, Ohio State; PhD, Illinois.

SAHLERS, JESSEPH C. (1990), Visiting Assistant Professor. Accounting. BS, MBA, Eastern Illinois; DBA (candidate); Kentucky; CPA, Illinois.

S AVAGE, MARGARET (1990), Instructor, Early Childhood Teacher. Laboratory School. BS, MA, Eastern Kentucky.
WACHTEL, ELIZABETH R. (1975), Director, Advising and Testing; Associate Professor, Correctional Services. BS, MA, PhD, Kentucky.

WALKER, J. MURRAY (1966), Professor, Anthropology. AB, Mercer; BD, ThD, New Orleans Baptist Seminary; additional graduate work, Kentucky, Colorado, New York Studies in Israel, Emory, Tulane.

WALKER, WILMA J. (1973), Chair, Geography and Planning; Professor, Geography. BA, Morehead State; MA, PhD, Kentucky.

WALKO, CAROLYN (1974), Associate Professor, Nursing. RN; MSN, Kentucky; additional graduate work, Kentucky.

WALLACE, GINGER W. (1990), Assistant Professor, Elementary/Middle School Guidance; Laboratory School. BA, MS, Southwest Missouri; EdD, Kentucky.

WARD, JAMES M. (1979), Baseball Coach; Assistant Professor, Health Education, BS, Ohio; MA, Eastern Kentucky.

WARMING, VIRGINIA E. (1974), Associate Professor, English. AB, Berea; MA, Eastern State College; EdS, Kentucky.

WARNER, KERSTIN P. (1974), Professor, English. AB, Vassar; MA, PhD, Minnesota.

WASSERMAN, ADRIAN A. (1989), Assistant Professor, Geography, BA, MA, Pittsburg; PhD, Denver.

WATERS, ELAINE (1983), Assistant Professor, Nursing. RN; FNP, CNS, Vanderbilt; MS, Rochester.

WATKINS, THOMAS C. (1984), Associate Professor, Economics. AB, MA, PhD, Missouri; PhD, Iowa State.

WEBB, JAMES W. (1969), Professor, Social Science. BA, MA, PhD, Louisiana State.

WEINSTEIN, LARRY B. (1989), Visiting Assistant Professor, Management. BS, Cincinnati; MS, General Mortors Institute; additional graduate work, Kentucky.

WELCH, C. ROBERT (1979), Assistant Professor. Social Work. AB, MA, Marshall; MSW, Smith College.


WHITAKER, CHARLES F. (1976), Associate Professor, English. BA, Western Kentucky; MA, PhD, Purdue.

WHITCOP, DENNIS A. (1968), Professor, Art. BA, San Fernando Valley State; MFA, Pennsylvania State.

WHITE, ERNEST R. (1979), Chair, Administration, Counseling and Educational Studies; Professor, Educational Administration. AA, Ashland Community; AB, MA, Marshall; EdD, Kentucky.

WHITE, ISABELLE B. (1967), Professor, English. AB, MA, Eastern Kentucky; PhD, Kentucky.

WHITTLEHOUSE, DEBORAH (1984), Chair, Professor, Nursing. RN; BSN, Kentucky; MSN, North Carolina (Chapel Hill); DNSA, Alabama (Birmingham).

WILLIAMS, FRANK C. (1973), Professor, Philosophy; BEE, Georgia Institute of Technology; BD, Southwestern Baptist Seminary; PhD, Duke.

WILLIS, SUSAN C. (1975), Chair, Professor, Home Economics. BA, Centre; MA, PhD, Kentucky.

WILSON, ANNA Z. (1989), Professor, Correctional Services. BA, MA, Fort Craig College; PhD, Washington State.

WILSON, JOEL E. (1982), Assistant Professor, Mathematical Sciences. BS, Morehead State; MA, MS, Eastern Kentucky.

WILSON, LOYANNE H. (1987), Assistant Professor, Home Economics. BS, MS, Kentucky; PhD, California at Davis.

WIMBERLY, LINDA C. (1986), Associate Professor, Paralegal Science. BA, JD, Kentucky.

WINHER, PAUL C. (1973), Professor, Anthropology. AAS, New York State; BA, MA, Michigan State; PhD, Cornell.

WIRTZ, PAUL J. (1988), Associate Professor, Curriculum and Instruction. BA, Marquette; MS, Wisconsin-Milwaukee; PhD, Peabody College.

WISENBAKER, SUE (1967), Associate Professor, Nursing. RN; BSN, Florida State; MA, Eastern Kentucky.
WISENBAKER, JR., VANCE (1966), Dean, College of Social and Behavioral Sciences; Professor, Sociology. BA, MS, Florida State; PhD, Georgia. 

WITT, ROBERT W. (1970), Professor, English. AB, Georgetown (KY); AM, PhD, Mississippi. 

WOLFE, RON G. (1969), Professor, Mass Communications. BA, Eastern Kentucky; MA, Ohio; EdD, Kentucky. 

WOLFORD, BRUCE I. (1979), Professor, Correctional Services. BS, MA, PhD, Ohio State. 

WOLFROM, LYLE C. (1960), Professor, Music. BM, Kansas; MM, Ohio State; PhD, Indiana; additional study, Akademie fur Musik (Germany). 

WONG, KA-WING (1990), Assistant Professor, Computer Science. BS, MS, Middle Tennessee; PhD, Kansas State. 

WOOTS, PATRICIA (1989), Assistant Professor, Nursing. RN; BSN, Eastern Kentucky; MSN, Kentucky. 

WOOTTEN, WANDA (1975), Assistant Professor, Nursing. RN; BSN, Berea; MA, Eastern Kentucky. 

WOWK, VITALY (1976), Associate Professor, Russian. BA, Mississippi State; MA, PhD, Ohio State. 

WRAY, LINDA (1983), Assistant Professor, Nursing. RN; BS, Lenior-Rhyne; MSN, North Carolina (Greensboro). 

WRIGHT, J. WARD (1983), Professor, Management. BA, JD, Chicago; MPA, DPA, Southern California. 

WRIGHT, VIRGINIA B. (1982), Professor, Economics. BA, Kansas State; PhD, George Washington. 

WRIGHT III, HEIL H. (1983), Assistant Professor, Humanities. BA, MA, Middle Tennessee; PhD, Florida State. 

WUILLEUMIER, RUDOLPH B. (1971), Assistant Professor, Economics. BS, Eastern Kentucky; additional graduate work, Kentucky. 

YANG, CAROLYN (1989), Assistant Professor, Nursing. RN, C; BSN, Spalding; MSN, St. Louis. 

YONTS, LINDA (1988), Instructor, Nursing. RN; BSN, Eastern Kentucky; MSN, Kentucky. 

ZURICK, DAVID N. (1987), Assistant Professor, Geography. BA, MS, Michigan State; PhD, Hawaii.
Retired Faculty

ALEXANDER, AIMEE H. BA, MA, 1961 - 1983, Associate Professor of English.

ALGIER, ANN S. BA, MA, EdS, 1966 - 1989, Associate Professor of English.

ALGIER, KEITH M. BA, MA, PhD, 1966 - 1989, Professor of History.

AMBROSE, CHARLES F. AB, MA, EdD, 1961 - 1982, Professor of Mathematics Education.


BERGE, MARION MALONE RN, CMA; BS, MA, 1962 - 1991, Associate Professor of Medical Services Technology.

BERGE, WILLIAM H. AB, MA, PhD, 1961 - 1991, Professor of History.

BLACKWELL, F. ORIS BS, MS, MPH, DrPH, 1982 - 1990, Professor of Environmental Health Science.

BOGARD, RICHARD M. BS, MA, 1977 - 1990, Assistant Professor of Fire and Safety Engineering Technology.

BOOGE, RUSSELL L. BA, ME, EdD, 1979 - 1987, Professor of Physical Education.

BOHON, NANCY E. HARP BA, MRE, PhD, 1975 - 1986, Professor of Elementary Education.

BOYD, COLLIN J. BS, MA, 1967 - 1976, Assistant Professor of Social Science.

BREWER, EMERY AB, MA, PhD, 1968 - 1984, Professor of Educational Foundations.

BRIZENDINE, FRED W. AB, MA, 1963 - 1984, Assistant Professor of Economics.

BROWN, GEORGE M. BS, MS, 1963 - 1989, Associate Professor of Industrial Education and Technology.

BROWN, ROBERT O. AB, MBA, CPA, 1966 - 1972, Professor of Accounting.

BUCCHOLZ, Veva A. BSEd, MS, 1959 - 1973, Associate Professor of Home Economics.

BUSH, HERMAN S. AB, MA, HSDir, HSD, 1970 - 1988, Professor of Health Education.

BYRD, HUGH M. BA, MS, 1968 - 1979, Professor of Police Administration.

BYRN, ERNEST E. BS, PhD, 1966 - 1986, Professor of Chemistry.

CAIN, JAMES E. BS, MBA, DBA, CPA, 1986 - 1990, Associate Professor of Accounting.

CASTLER, JACK T. AB, MA, 1965 - 1979, Assistant Professor of English.

CALVERT, CHRISTINE BS, MS, PhD, 1969 - 1984, Professor of Home Economics.

CAREY, GLENN O. AB, MA, PhD, 1967 - 1986, Professor of English.

CARFIELD, WILLIAM E. BS, 1973 - 1986, Associate Professor of Security and Loss Prevention.

CARR, ELIZABETH R. AB, MAEd, 1971 - 1987, Assistant Professor of Mathematics Education.

CASTLE, ELIZABETH S. AB, BSLS, 1967 - 1978, Assistant Professor of Library Science.

CHASE, ANM M. BS, MS, PhD, 1965 - 1980, Professor of Home Economics.

CHASE, FRANK R. AB, BSLS, 1965 - 1980, Assistant Professor of Library Science.

CHISHOLM, JOHN H. BED, MEd, 1964 - 1981, Assistant Professor of Elementary Education.

CHRISMAN, RICHARD G. BA, BA, JD, 1951 - 1974, Professor of Economics.

COCANOUGHER, LARUE AB, MA, EdD, 1966 - 1981, Professor of Education.


COMBS, SR, DONALD G. BS, MA, 1963 - 1990, Assistant Professor of Physical Education; Athletics Director.

CORNELISON, ANNA M. BS, MA, 1963 - 1976, Assistant Professor of Elementary Education.

CREAMER, EFFIE B. BS, MS, PhD, 1966 - 1991, Professor of Home Economics.

CREAMER, GLYNN N. BA, MAEd, EdD, 1965 - 1991, Professor of Mathematics Education.

CREECH, JACK E. AB, MA, EdD, 1956 - 1980, Associate Professor of History.

CRISWELL, MABEL AB, MA, 1970 - 1985, Associate Professor of Education; Director of Housing.

DARLING, FRED E. BS, MA, MAEd, DirR, DirPE, ReD, 1947 - 1984, Professor of Physical Education.

DAVIDSON, JAMES E. BS, MS, AMT, EdD, 1971 - 1986, Professor of Mathematics Education.

DAVIS, JAMES HOMER BS, MEd, 1949 - 1979, Professor of Industrial Education and Technology.

DEHOOP, WIETSE BAEd, MS, MA, EdD, 1969 - 1982, Professor of Special Education.

DEJARNETTE, NANNIE B. AB, 1967 - 1979, Assistant Professor, Library.

DIXON, WALLACE C. AB, AM, PhD, 1966 - 1987, Professor of Biological Sciences.

DOANE, LOLA T. AB, MAEd, PhD, 1970 - 1982, Professor of Educational Psychology and Counseling.

DOHERTY, RANDOLPH AB, MA, 1959 - 1989, Associate Professor of Art.

DUVAL, MARC A. BBA, MBA, PhD, CPA, 1978 - 1985, Associate Professor of Accounting.

FRENCH, CACUS P. BS, MA, 1962 - 1978, Assistant Professor of Educational Foundations.

FRENCH, DAISY B. BS, MA, EdD, 1956 - 1989, Professor of Accounting.

GAFFIN, ELBA B. AB, MEd, EdD, 1973 - 1986, Professor of Education.

GATWOOD, DEAN AA, BS, MA, 1947 - 1981, Professor of Art Education.

GENTRY, RICHARD LEE BS, MA, EdD, 1964 - 1983, Professor of Physical Education.

GIBSON, TED M. BA, MA, PhD, 1964 - 1988, Professor of Physics.

GIBSON, JR., CHARLES H. BS, MA, PhD, 1962 - 1990, Professor of Education.

GILLILAND, HUGH R. BS, MS, EdD, 1966 - 1991, Professor of Industrial Education and Technology.

GILLUM, MARION H. AB, MA, PhD, 1974 - 1979, Distinguished Professor of Economics.

HAGER, OBERITA AB, MA, PhD, 1967 - 1977, Professor of Business Administration.

HALE, NORMALINE C. BS, MA, EdD, 1957 - 1989, Associate Professor of Management.

HANSON, GRIZENETH S. BS, MEd, PhD, 1966 - 1991, Professor of Industrial Education and Technology.

HARKINS, DOROTHY W. BS, MS, EdD, 1968 - 1985, Professor of Physical Education.

HATFIELD, BETTY K. AB, MSL, 1963 - 1989, Associate Professor of Library Science.

HAYS, GLYNNIA J. BS, MSED, 1963 - 1986, Associate Professor of Home Economics Education.


HESS, EDWIN A. BS, MS, PhD, 1960 - 1985, Professor of Biology.

HORN, JEROME RUDERM AB, AM, 1928 - 1972, Associate Professor of Health.

HORN, LINDSEY H. BS, MS, PhD, 1977 - 1987, Professor of Agriculture.

HOUSEHOLDER, WILLIAM A. BS, MS, PhD, 1965 - 1983, Professor of Agriculture.

HOWARD, AUGHTUM S. AB, MS, PhD, 1958 - 1972, Professor of Mathematics.

HOWARD, JOSEPH M. BS, MA, EdD, 1962 - 1979, Professor of Elementary Education.

HUNGERLAND, ROBERT L. BS, MBA, 1964 - 1984, Associate Professor of Marketing.

INGELS, MARY K. AB, MA, 1961 - 1974, Assistant Professor of French.

JEFFRIES, ELIZABETH L. BS, MS, 1967 - 1987, Assistant Professor of Elementary Education.

JENNINGS, MABEL W. BS, MA, EdS, 1947 - 1986, Professor of Elementary Education.

JINKS, VIRGINIA NILL BSEd, MA, 1963 - 1989, Associate Professor of Physical Education.

JOHNSON, ANNA RN, BSN, MSN, 1973 - 1987, Associate Professor of Nursing.

KEARNS, JR., SHIRLEY AB, MA, 1962 - 1989, Assistant Professor of Physical Education, Laboratory School.

KOEPE, BEN J. BA, MA, EdS, PhD, 1979 - 1990, Associate Professor of Traffic Safety.
SWINFORD, WILLARD E. BS, MA, 1955 - 1983, Professor of Industrial Education and Technology.

TAYLOR, MARY LOU BS, MA, Diploma (Social Work), 1964 - 1985, Assistant Professor of Social Science.

THURMAN, JAMES W. BS, MA, 1962 - 1983, Assistant Professor of Health and Physical Education.

THURMAN, KELLY AB, MA, PhD, 1966 - 1979, Professor of English.

THURMAN, MARGARET MUNCY BS, MS, 1964 - 1983, Assistant Professor of Medical Assisting Technology.

THURMAN, MARY J. AB, MLIS, 1966 - 1980, Assistant Professor of Library Science.

TODD, JUANITA AB, MA, 1960 - 1988, Professor of Art.

TORBETT, DANIEL L. BS, MS, EdD, 1965 - 1988, Professor of Educational and Professional Services.

TSAO, KAI-FU BA, MA, PhD, 1965 - 1986, Associate Professor of History.

TURNER, RICHARD BS, MT, EdS, 1974 - 1982, Associate Professor of Education.


VAN CLEVE, BETTY W. AB, PhD, MA, Certificate in LS, 1962 - 1966, Assistant Professor of Library Science.

VICKERS, JOHN L. BS, MA, 1960 - 1978, Associate Professor of Education.

VOIGHT, JESSELYN W. RN, BSNEd, MA, PhD 1976 - 1985, Professor of Nursing.

WALKER, JO ANN BS, MA, EdS, 1971 - 1990, Associate Professor of Education; Elementary Counselor, Laboratory School.

WARREN, NED L. BS, MA, 1967 - 1979, Professor of Health and Physical Education.

WARREN, ROSE L. BS, MA, EdS, 1967 - 1979, Assistant Professor of Elementary Education.

WATKINS, WILLIAM H. BS, MS, PhD, 1968 - 1989, Professor of Psychology.

WAY, JAMES S. BS, MA, 1967 - 1983, Associate Professor of Industrial Education and Technology.

WHEELER, ARVILLE AB, PhD, 1966 - 1970, Professor of Educational Administration.

WHITLOCK, THELMA W. BS, MA, 1957 - 1974, Associate Professor of Education.

WHITT, JR., A. L. BS, MS, 1948 - 1982, Professor of Biology.

WICKERSHAM, ARTHUR L. BS, MA, 1946 - 1977, Associate Professor of Mathematics.

WILLIAMS, EDDITH BA, MA, MA, 1964 - 1985, Professor of English.

WILLIAMS, JOHN C. BS, MS, PhD, 1969 - 1985, Professor of Biology.

WILSON, A. CLIFFORD BS, MS, CPA, 1970 - 1990, Associate Professor of Accounting.

WILSON, SISTER MARY AGNES RN, BSN, MA, 1974 - 1986, Assistant Professor of Nursing.

WINGO, JOHN WILL BA, MA, 1972 - 1978, Professor of Correctional Services.


---

Retired Administrative Staff

ALLEN, J. HOWARD AB, MA, PED, 1969 - 1990, Dean, Student Development.

AMBROSE, CHARLES F. AB, MA, EdD, 1961 - 1983, Director, Division of Admissions and School Relations, Dean of Admissions.

BARKSDALE, MARTHA AB, 1934 - 1976, Assistant Registrar.


CAMPBELL, HALLIE 1968 - 1983, Residence Hall Director.


COLEMAN, MINNIE 1957 - 1980, Administrative Assistant, Division of Athletics.

CONDER, GERALDINE M. AB, 1974 - 1983, Administrative Assistant, College of Applied Arts and Technology.


DENNY, REVA 1963 - 1987, Powell Cafeteria Manager.

GABBARD, RAYMOND 1954 - 1984, Assistant Director, Physical Plant.


GORMAN, POLLY 1969 - 1981, Administrative Assistant to the President; Secretary, Board of Regents.


HAGAN, ADA JO 1965 - 1975, Residence Hall Director.

HARKINS, HOWARD 1968 - 1984, Office Manager, Physical Plant.

HOLDER, MYRTIE B. 1957 - 1967, Residence Hall Director.


HUTCHINSON, JACK 1968 - 1990, Assistant Director, Family Housing Rental.


LONG, LORRAINE 1965 - 1983, Administrative Assistant, Division of Purchases and Stores.

LYKINS, BENJAMIN W. BS, 1972 - 1981, Laboratory Manager, Department of Chemistry.

NEWSOM, GOEBEL W. AB, 1969 - 1990, Assistant Director for Information Services, Division of Admissions.

NOLAND, PAULINE 1974 - 1979, Assistant Residence Hall Director.


PRYSE, HENRY F. AB, MA, 1959 - 1985, Assistant Director for School Relations, Division of Admissions.

RIVES, RHEA 1968 - 1985, Assistant Residence Hall Director.

ROLF, EDNA 1966 - 1974, Residence Hall Director.


SHULL, GRAYCE 1969 - 1978, Assistant Residence Hall Director.

SMITH, DONALD H. AB, MS, 1966 - 1985, Registrar.

SMITH, GARETT 1967 - 1990, Manager, Powell Cafeteria.


STONE, JOY B. 1968 - 1985, Coordinator, Student Employment.

THURMAN, JAMES W. BS, MA, 1962 - 1983, Director, Division of Alumni Affairs.


VICKERS, JOHN L. BS, MA, 1960 - 1978, Director, Division of Placement.


ZACHEM, MILLIE 1969 - 1978, Residence Hall Director.
## INDEX

<p>| Academic Advising and Testing .................................................. | 34 |
| Academic Bankruptcy .............................................................. | 30 |
| Eastern Kentucky University ..................................................... | 30 |
| Transfer Work ............................................................................. | 30 |
| Academic Orientation Courses .................................................... | 29 |
| AHO 100 ................................................................................. | 88 |
| ANO 100 ................................................................................ | 45 |
| ATO 100 ................................................................................ | 62 |
| CBO 100 ................................................................................. | 111 |
| CHO 100 ............................................................................... | 141 |
| CSO 100 ................................................................................ | 186 |
| EDO 100 ................................................................................ | 129 |
| GSO 100 ............................................................................... | 34 |
| LE 100 ................................................................................. | 153 |
| NMO 100 ............................................................................. | 105 |
| Academic Probation ..................................................................... | 30 |
| Academic Programs ..................................................................... | 21 |
| Academic Regulations .................................................................. | 26 |
| Academic Scholarships ................................................................ | 16 |
| Academic Support and Undergraduate Studies, Office of ............... | 34 |
| Academic Warning ..................................................................... | 30 |
| Accounting, B.B.A. ................................................................... | 113 |
| Accounting, Department of ....................................................... | 113 |
| Accreditations ........................................................................... | 2 |
| Administration, Counseling, and Educational Studies, Department of | 130 |
| Administrative Communication and Services, B.B.A. .................... | 114 |
| Administrative Services, Option ................................................. | 114 |
| Managerial Communication, Option ............................................. | 114 |
| Administrative Communication and Services, Department of ......... | 114 |
| Administrative Services, Option ................................................. | 114 |
| Admission and Fee Assessment Purposes, Classification of Students for | 11 |
| Admission to the University ...................................................... | 20 |
| Admissions, Allied Health and Nursing ........................................ | 43 |
| Adult Correction, Certificate ...................................................... | 154 |
| Adult Physical Fitness, Option .................................................... | 144 |
| Aerospace Studies, Minor ................................................................ | 84 |
| Agricultural Mechanics, Option .................................................. | 62 |
| Agriculture (Area Major), B.S. .................................................... | 62 |
| Agriculture Mechanization, Option .............................................. | 62 |
| Agronomy and Natural Resources, Option ..................................... | 62 |
| Dairy Herd Management, Option .................................................. | 62 |
| Farm Management, Option .......................................................... | 62 |
| Livestock Production, Option ..................................................... | 62 |
| Soils, Option ......................................................................... | 62 |
| Vo-Ag Preparation, Option ........................................................ | 62 |
| Agriculture (Minor-Business), B.S. .............................................. | 62 |
| Minor ...................................................................................... | 62 |
| Agriculture, Department of ....................................................... | 62 |
| Agriculture Mechanization, Option ............................................. | 62 |
| Agriculture, Technical, A.S. ....................................................... | 62 |
| Agricultural Mechanics, Option .................................................. | 62 |
| Dairy Herd Management, Option .................................................. | 62 |
| Livestock Management, Option ................................................... | 62 |
| Agronomy and Natural Resources, Option .................................... | 62 |
| Air Force ROTC ....................................................................... | 83 |
| Allied Health and Nursing, College of ...................................... | 43 |
| Associate Degree Requirements .................................................. | 44 |
| Baccalaureate Degree Requirements ............................................ | 44 |
| Allied Health, Pre-Professional ................................................... | 45 |
| Alumni Association .................................................................... | 18 |
| Anthropology, B.A. .................................................................... | 187 |
| Minor ...................................................................................... | 187 |
| Anthropology, Sociology, and Social Work, Department of .................. | 187 |
| Appeal Procedure for Residency Classification .......................... | 14 |
| Application to the Graduate School ............................................ | 203 |
| Applied Arts and Technology, College of .................................... | 61 |
| Applied Physics, Option ............................................................ | 181 |
| Applied Statistics, Minor ........................................................... | 177 |
| Art, B.A. ................................................................................ | 88 |
| B.A. (Teaching) ....................................................................... | 88 |
| B.F.A. .................................................................................... | 89 |
| Minor ...................................................................................... | 89 |
| Minor (Teaching) .................................................................... | 89 |
| Art, Department of ................................................................... | 88 |
| Arts and Humanities, College of ............................................... | 87 |
| Associate Degree Nursing, Department of .................................. | 56 |
| Associate Degree Programs, Listing of ....................................... | 37 |
| Associate Degree Requirements .................................................. | 26 |
| Athletic Training, Option .......................................................... | 144 |
| Certification .......................................................................... | 145 |
| Athletics and Intramurals ............................................................ | 18, 142 |
| Audio Courses ......................................................................... | 39 |
| Auditing a Course .................................................................... | 28 |
| Aurora ...................................................................................... | 18 |
| Automobiles .............................................................................. | 18 |
| Aviation ................................................................................... | 81 |
| Minor ...................................................................................... | 81 |
| Baccalaureate Degree Requirements ............................................ | 23 |
| Baccalaureate Nursing, Department of ....................................... | 54 |
| Basic Emergency Medical Technician, Certification ..................... | 155 |
| Biochemistry, Option ................................................................. | 171 |
| Biological Sciences, Department of .......................................... | 166 |
| Biology, B.S. ......................................................................... | 167 |
| B.S. (Teaching) ....................................................................... | 167 |
| M.S. ....................................................................................... | 167 |
| M.S., Applied Ecology, Option .................................................. | 167 |
| Minor ...................................................................................... | 166 |
| Biotechnology, Option ............................................................... | 167 |
| Broadcasting, B.A. .................................................................. | 73 |
| Minor ...................................................................................... | 73 |
| Business Administration, Department of .................................... | 116 |
| Business and Industrial Security, A.A. ....................................... | 156 |
| Business, College of ................................................................ | 116 |
| Business Education, B.S. ............................................................ | 115 |
| Advanced Data Processing, Endorsement ................................... | 115 |
| Shorthand, Endorsement .............................................................. | 115 |
| Camping and Outdoor Recreation, Option ..................................... | 148 |
| Career Development and Placement, Division of ......................... | 34 |
| Catalog Applicable ..................................................................... | 27 |
| Change of Major ........................................................................ | 23 |
| Chapel of Meditation .................................................................. | 17 |
| Chemistry, B.A. ...................................................................... | 170 |
| B.S. ....................................................................................... | 171 |
| B.S. (Teaching) ....................................................................... | 171 |
| B.S., Biochemistry, Option ...................................................... | 171 |
| M.S. ....................................................................................... | 171 |
| Minor ...................................................................................... | 171 |
| Chemistry, Department of .......................................................... | 170 |
| Child and Family Studies, B.S. ................................................... | 66 |
| Family Studies, Option ............................................................... | 66 |
| Interdisciplinary Early Childhood, Option ................................... | 66 |
| Minor ...................................................................................... | 66 |
| Child Care, A.S. ....................................................................... | 69 |</p>
<table>
<thead>
<tr>
<th>Course</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dairy Herd Management, Option, B.S.</td>
<td>62</td>
</tr>
<tr>
<td>Option, A.S.</td>
<td>63</td>
</tr>
<tr>
<td>Dance, Option</td>
<td>144</td>
</tr>
<tr>
<td>Minor</td>
<td>145</td>
</tr>
<tr>
<td>Dean's Award</td>
<td>30</td>
</tr>
<tr>
<td>Dean's List</td>
<td>30</td>
</tr>
<tr>
<td>Dentistry</td>
<td>163</td>
</tr>
<tr>
<td>Developmental Requirements</td>
<td>27</td>
</tr>
<tr>
<td>Dietetics, General, B.S.</td>
<td>67</td>
</tr>
<tr>
<td>Dismissal</td>
<td>30</td>
</tr>
<tr>
<td>Domicile, Establishment of</td>
<td>13</td>
</tr>
<tr>
<td>Double Major</td>
<td>27</td>
</tr>
<tr>
<td>Driver Education, Endorsement</td>
<td>157</td>
</tr>
<tr>
<td>Early Elementary Education (K-4), B.S.</td>
<td>131</td>
</tr>
<tr>
<td>Earth Science (Teaching), B.S.</td>
<td>173</td>
</tr>
<tr>
<td>Minor (Teaching)</td>
<td>173</td>
</tr>
<tr>
<td>Eastern Progress</td>
<td>18</td>
</tr>
<tr>
<td>Economics, B.A.</td>
<td>120,186</td>
</tr>
<tr>
<td>B.A. (Teaching)</td>
<td>120,186</td>
</tr>
<tr>
<td>Economics, B.B.A.</td>
<td>120</td>
</tr>
<tr>
<td>Minor</td>
<td>120</td>
</tr>
<tr>
<td>Minor (Teaching)</td>
<td>120</td>
</tr>
<tr>
<td>Economics, Department of</td>
<td>119</td>
</tr>
<tr>
<td>Education, College of</td>
<td>127</td>
</tr>
<tr>
<td>Educational Administration</td>
<td>130</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>130</td>
</tr>
<tr>
<td>Educational Psychology and Counseling</td>
<td>130</td>
</tr>
<tr>
<td>Educational Studies</td>
<td>130</td>
</tr>
<tr>
<td>Educational Talent Search Program</td>
<td>36</td>
</tr>
<tr>
<td>Elementary Education, B.S.</td>
<td>131</td>
</tr>
<tr>
<td>Early Elementary Education (K-4)</td>
<td>131</td>
</tr>
<tr>
<td>Middle Grade Education (5-8)</td>
<td>133</td>
</tr>
<tr>
<td>Elementary Physical Education, Endorsement</td>
<td>145</td>
</tr>
<tr>
<td>Emergency Medical Care, A.S.</td>
<td>50</td>
</tr>
<tr>
<td>Certificate (Advanced)</td>
<td>50</td>
</tr>
<tr>
<td>Minor</td>
<td>50</td>
</tr>
<tr>
<td>Emergency Medical Care, Advanced (Paramedic)</td>
<td>50</td>
</tr>
<tr>
<td>Emergency Medical Technician</td>
<td>49</td>
</tr>
<tr>
<td>Endorsements/Certificates</td>
<td>23</td>
</tr>
<tr>
<td>Engineering</td>
<td>162</td>
</tr>
<tr>
<td>English, B.A.</td>
<td>91</td>
</tr>
<tr>
<td>Literature Emphasis, Option</td>
<td>91</td>
</tr>
<tr>
<td>Writing Emphasis, Option</td>
<td>91</td>
</tr>
<tr>
<td>B.A. (Teaching)</td>
<td>91</td>
</tr>
<tr>
<td>Minor</td>
<td>91</td>
</tr>
<tr>
<td>Minor (Teaching)</td>
<td>91</td>
</tr>
<tr>
<td>English, Department of</td>
<td>91</td>
</tr>
<tr>
<td>Entertainment and Cultural Events</td>
<td>18</td>
</tr>
<tr>
<td>Entitlements</td>
<td>17</td>
</tr>
<tr>
<td>Environmental Health Science, B.S.</td>
<td>46</td>
</tr>
<tr>
<td>Minor</td>
<td>46</td>
</tr>
<tr>
<td>Environmental Health Science, Department of</td>
<td>46</td>
</tr>
<tr>
<td>Environmental Resources, B.S.</td>
<td>167</td>
</tr>
<tr>
<td>Expenses</td>
<td>11</td>
</tr>
<tr>
<td>Extended Campus Centers</td>
<td>39</td>
</tr>
<tr>
<td>Extended Campus Courses</td>
<td>39</td>
</tr>
<tr>
<td>Family Education and Privacy Act of 1974</td>
<td>19</td>
</tr>
<tr>
<td>Family Housing</td>
<td>15</td>
</tr>
<tr>
<td>Family Studies, Option</td>
<td>66</td>
</tr>
<tr>
<td>Farm Management, Option</td>
<td>62</td>
</tr>
<tr>
<td>Fashion Merchandising, B.S.</td>
<td>67</td>
</tr>
<tr>
<td>Minor</td>
<td>69</td>
</tr>
<tr>
<td>Final Examinations, Rescheduling</td>
<td>27</td>
</tr>
<tr>
<td>Finance and Business Systems, Department of</td>
<td>121</td>
</tr>
<tr>
<td>Finance, B.B.A.</td>
<td>122</td>
</tr>
<tr>
<td>Financial Assistance</td>
<td>16</td>
</tr>
<tr>
<td>Fire and Arson Investigation, Option</td>
<td>155</td>
</tr>
<tr>
<td>Fire and Safety Engineering Technology Program</td>
<td>154</td>
</tr>
<tr>
<td>Fire and Safety Engineering Technology, B.S.</td>
<td>155</td>
</tr>
<tr>
<td>Fire Protection Administration, Option</td>
<td>155</td>
</tr>
<tr>
<td>Fire Protection Engineering Technology, Option</td>
<td>155</td>
</tr>
<tr>
<td>Industrial Risk Management, Option</td>
<td>155</td>
</tr>
<tr>
<td>Minor</td>
<td>155</td>
</tr>
<tr>
<td>A.A.</td>
<td>155</td>
</tr>
<tr>
<td>Certificate of Competency</td>
<td>155</td>
</tr>
<tr>
<td>Fire Protection Administration, Option</td>
<td>155</td>
</tr>
<tr>
<td>Fire Protection Engineering Technology, Option</td>
<td>155</td>
</tr>
<tr>
<td>Fisheries Management, B.S.</td>
<td>168</td>
</tr>
<tr>
<td>Floriculture and Floristry, Option</td>
<td>63</td>
</tr>
<tr>
<td>Specialty</td>
<td>Page</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Health Education, Department of</td>
<td>143</td>
</tr>
<tr>
<td>Health, Physical Education, Recreation and Athletics, College of</td>
<td>141</td>
</tr>
<tr>
<td>Health Services</td>
<td>15</td>
</tr>
<tr>
<td>Hearing Impaired (K-12), B.S.</td>
<td>137</td>
</tr>
<tr>
<td>With Early Elementary Certification (K-4)</td>
<td>137</td>
</tr>
<tr>
<td>With Middle Grade Certification (5-8)</td>
<td>137</td>
</tr>
<tr>
<td>Non-Teaching</td>
<td>136</td>
</tr>
<tr>
<td>Higher Education</td>
<td>130</td>
</tr>
<tr>
<td>History, B.A.</td>
<td>197</td>
</tr>
<tr>
<td>B.A. (Teaching)</td>
<td>197</td>
</tr>
<tr>
<td>Minor</td>
<td>197</td>
</tr>
<tr>
<td>History, Department of</td>
<td>197</td>
</tr>
<tr>
<td>Home Economics, Department of</td>
<td>66</td>
</tr>
<tr>
<td>Home Economics Education (Teaching), B.S.</td>
<td>68</td>
</tr>
<tr>
<td>Home Economics, Endorsement, Middle School Vocational</td>
<td>68</td>
</tr>
<tr>
<td>Home Economics, General, B.S.</td>
<td>67</td>
</tr>
<tr>
<td>Minor</td>
<td>69</td>
</tr>
<tr>
<td>Home Economics, Second Major in Specialty Field</td>
<td>69</td>
</tr>
<tr>
<td>Honor Award</td>
<td>16</td>
</tr>
<tr>
<td>Honors, Graduation</td>
<td>31</td>
</tr>
<tr>
<td>Honors Program</td>
<td>35</td>
</tr>
<tr>
<td>Horticulture (Area Major), B.S.</td>
<td>63</td>
</tr>
<tr>
<td>Ornamental Horticulture, Option</td>
<td>63</td>
</tr>
<tr>
<td>Turfgrass Production, Option</td>
<td>63</td>
</tr>
<tr>
<td>Horticulture (Minor-Business), B.S.</td>
<td>63</td>
</tr>
<tr>
<td>Horticulture, Technical Ornamental, A.S.</td>
<td>63</td>
</tr>
<tr>
<td>Floriculture and Floristry, Option</td>
<td>63</td>
</tr>
<tr>
<td>Landscape Horticulture, Option</td>
<td>63</td>
</tr>
<tr>
<td>Turf Management, Option</td>
<td>63</td>
</tr>
<tr>
<td>Human Services Communication, Option</td>
<td>105</td>
</tr>
<tr>
<td>Humanities, Department of</td>
<td>98</td>
</tr>
<tr>
<td>Humanities, Minor</td>
<td>98</td>
</tr>
<tr>
<td>&quot;I&quot; Grade</td>
<td>28</td>
</tr>
<tr>
<td>Identification Cards</td>
<td>17</td>
</tr>
<tr>
<td>Individualized Studies, B.I.S.</td>
<td>88</td>
</tr>
<tr>
<td>Industrial Risk Management, Option</td>
<td>155</td>
</tr>
<tr>
<td>Institutional Goals</td>
<td>8</td>
</tr>
<tr>
<td>Insurance, B.B.A.</td>
<td>123</td>
</tr>
<tr>
<td>Intercollegiate Athletics</td>
<td>142</td>
</tr>
<tr>
<td>Interdisciplinary Early Childhood, Option</td>
<td>66</td>
</tr>
<tr>
<td>Interior Design Assistant, A.A.</td>
<td>69</td>
</tr>
<tr>
<td>Interior Design, B.A.</td>
<td>68</td>
</tr>
<tr>
<td>Minor</td>
<td>69</td>
</tr>
<tr>
<td>International Education, Office of</td>
<td>36</td>
</tr>
<tr>
<td>International Students</td>
<td>21</td>
</tr>
<tr>
<td>Interpreting for Deaf Children and Youth, Certificate</td>
<td>138</td>
</tr>
<tr>
<td>Interpreting for Deaf Individuals, A.A.</td>
<td>137</td>
</tr>
<tr>
<td>Intramural Programs</td>
<td>18, 142</td>
</tr>
<tr>
<td>Joint Doctoral Program, Biological Sciences</td>
<td>167</td>
</tr>
<tr>
<td>Journalism, B.A.</td>
<td>73</td>
</tr>
<tr>
<td>Minor</td>
<td>74</td>
</tr>
<tr>
<td>Minor (Teaching)</td>
<td>74</td>
</tr>
<tr>
<td>Landscape Horticulture, Option</td>
<td>63</td>
</tr>
<tr>
<td>Law Enforcement, College of</td>
<td>151</td>
</tr>
<tr>
<td>Learning and Behavior Disorders (K-12), B.S.</td>
<td>136</td>
</tr>
<tr>
<td>With Early Elementary Certification (K-4)</td>
<td>136</td>
</tr>
<tr>
<td>With Middle Grade Certification (5-8)</td>
<td>136</td>
</tr>
<tr>
<td>Non-Teaching</td>
<td>136</td>
</tr>
<tr>
<td>Libraries and Learning Resources</td>
<td>18</td>
</tr>
<tr>
<td>Library Services</td>
<td>18</td>
</tr>
<tr>
<td>Lifetime Activity Series</td>
<td>147</td>
</tr>
<tr>
<td>Literature Emphasis, Option</td>
<td>91</td>
</tr>
<tr>
<td>Department/Program</td>
<td>Page</td>
</tr>
<tr>
<td>-------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Majors</td>
<td>21</td>
</tr>
<tr>
<td>Management, B.B.A.</td>
<td>117</td>
</tr>
<tr>
<td>Managerial Communication, Minor</td>
<td>115</td>
</tr>
<tr>
<td>Manufacturing Technology, B.S.</td>
<td>76</td>
</tr>
<tr>
<td>Area Major</td>
<td>76</td>
</tr>
<tr>
<td>Minor</td>
<td>76</td>
</tr>
<tr>
<td>Marine Sciences</td>
<td>165</td>
</tr>
<tr>
<td>Marketing, B.B.A.</td>
<td>118</td>
</tr>
<tr>
<td>Mathematical Sciences, M.S.</td>
<td>177</td>
</tr>
<tr>
<td>Mathematics, Minor</td>
<td>177</td>
</tr>
<tr>
<td>Mathematics, B.S.</td>
<td>176</td>
</tr>
<tr>
<td>B.S. (Teaching)</td>
<td>176</td>
</tr>
<tr>
<td>Minor</td>
<td>177</td>
</tr>
<tr>
<td>Minor (Teaching)</td>
<td>177</td>
</tr>
<tr>
<td>Mathematics, Statistics, and Computer Science,</td>
<td></td>
</tr>
<tr>
<td>Department of</td>
<td></td>
</tr>
<tr>
<td>Mathematics-Physical Science, B.S.</td>
<td>164</td>
</tr>
<tr>
<td>Media Sales, Minor</td>
<td>74</td>
</tr>
<tr>
<td>Medical Assisting Technology, A.S.</td>
<td>52</td>
</tr>
<tr>
<td>Medical Laboratory Technician, A.S.</td>
<td>53</td>
</tr>
<tr>
<td>Medical Record Administration, B.S.</td>
<td>48</td>
</tr>
<tr>
<td>Post-Baccalaureate Certificate</td>
<td>48</td>
</tr>
<tr>
<td>Medical Record Science, Department of.</td>
<td>47</td>
</tr>
<tr>
<td>Medical Record Technology, A.S.</td>
<td>49</td>
</tr>
<tr>
<td>Coding Certificate</td>
<td>49</td>
</tr>
<tr>
<td>Medical Sciences</td>
<td>163</td>
</tr>
<tr>
<td>Medical Services Technology, Department of</td>
<td>49</td>
</tr>
<tr>
<td>Medical Technology, B.S.</td>
<td>53</td>
</tr>
<tr>
<td>Cytotechnology, Option</td>
<td>53</td>
</tr>
<tr>
<td>Medical Technology, Department of.</td>
<td>52</td>
</tr>
<tr>
<td>Memberships</td>
<td>2</td>
</tr>
<tr>
<td>Microbiology, B.S.</td>
<td>167</td>
</tr>
<tr>
<td>Biotechnology, Option</td>
<td>167</td>
</tr>
<tr>
<td>Middle Grade Education (5-8), B.S.</td>
<td>133</td>
</tr>
<tr>
<td>Military Science, Department of.</td>
<td>82</td>
</tr>
<tr>
<td>Military Science, Minor</td>
<td>82</td>
</tr>
<tr>
<td>Minimum Scholastic Standards</td>
<td>30</td>
</tr>
<tr>
<td>Minority Affairs, Office of</td>
<td>17</td>
</tr>
<tr>
<td>Minors</td>
<td>22</td>
</tr>
<tr>
<td>Mission Statement</td>
<td>8</td>
</tr>
<tr>
<td>Music (Teaching), B.M.E.</td>
<td>99</td>
</tr>
<tr>
<td>Music, B.A.</td>
<td>99</td>
</tr>
<tr>
<td>General Music, Option</td>
<td>99</td>
</tr>
<tr>
<td>Music Merchandising, Option</td>
<td>99</td>
</tr>
<tr>
<td>Theory/Composition, Option</td>
<td>99</td>
</tr>
<tr>
<td>Music, B.M.</td>
<td>99</td>
</tr>
<tr>
<td>Performance</td>
<td>99</td>
</tr>
<tr>
<td>Music, Department of</td>
<td>98</td>
</tr>
<tr>
<td>Music Merchandising, Option</td>
<td>99</td>
</tr>
<tr>
<td>Music, Minor</td>
<td>100</td>
</tr>
<tr>
<td>National Direct Student Loan (Perkins Loan)</td>
<td>16</td>
</tr>
<tr>
<td>Natural and Mathematical Sciences, College of</td>
<td>161</td>
</tr>
<tr>
<td>Natural Resource Analysis, Minor</td>
<td>191</td>
</tr>
<tr>
<td>Natural Science, Department of</td>
<td>180</td>
</tr>
<tr>
<td>Nontraditional Studies</td>
<td>39</td>
</tr>
<tr>
<td>Nursing, A.S.N.</td>
<td>56</td>
</tr>
<tr>
<td>B.S.N.</td>
<td>55</td>
</tr>
<tr>
<td>Nutrition Care Management, A.S.</td>
<td>69</td>
</tr>
<tr>
<td>Nutrition, Minor</td>
<td>69</td>
</tr>
<tr>
<td>Occupational Therapy, B.S.</td>
<td>58</td>
</tr>
<tr>
<td>M.S.</td>
<td>44</td>
</tr>
<tr>
<td>Occupational Therapy, Department of</td>
<td>56</td>
</tr>
<tr>
<td>Office Administration, Minor</td>
<td>115</td>
</tr>
<tr>
<td>Office Systems, Certificate</td>
<td>116</td>
</tr>
<tr>
<td>Office Systems/Technologies, A.A.</td>
<td>115</td>
</tr>
<tr>
<td>One Course Enrollment</td>
<td>30</td>
</tr>
<tr>
<td>Optometry</td>
<td>163</td>
</tr>
<tr>
<td>Organizational Communication, Option</td>
<td>105</td>
</tr>
<tr>
<td>Organizations and Activities</td>
<td>17</td>
</tr>
<tr>
<td>Ornamental Horticulture, Option</td>
<td>63</td>
</tr>
<tr>
<td>Out-of-State Student Scholarship</td>
<td>16</td>
</tr>
<tr>
<td>Paralegal Programs</td>
<td>194</td>
</tr>
<tr>
<td>Paralegal Science, B.A.</td>
<td>194</td>
</tr>
<tr>
<td>Paralegal Studies, A.A.</td>
<td>194</td>
</tr>
<tr>
<td>Pass-Fail Grading Option</td>
<td>28</td>
</tr>
<tr>
<td>Pell Grant</td>
<td>16</td>
</tr>
<tr>
<td>Performing Arts, B.F.A.</td>
<td>106</td>
</tr>
<tr>
<td>Perkins Loan</td>
<td>16</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>163</td>
</tr>
<tr>
<td>Philosophy and Religion, Department of</td>
<td>103</td>
</tr>
<tr>
<td>Philosophy, B.A.</td>
<td>104</td>
</tr>
<tr>
<td>Minor</td>
<td>104</td>
</tr>
<tr>
<td>Physical Education, B.S.</td>
<td>144</td>
</tr>
<tr>
<td>B.S. (Teaching)</td>
<td>144</td>
</tr>
<tr>
<td>Adult Physical Fitness, Option</td>
<td>144</td>
</tr>
<tr>
<td>Athletic Training, Option</td>
<td>144</td>
</tr>
<tr>
<td>Dance, Option</td>
<td>144</td>
</tr>
<tr>
<td>Sports Supervision, Option</td>
<td>144</td>
</tr>
<tr>
<td>Coaching, Endorsement</td>
<td>145</td>
</tr>
<tr>
<td>Elementary, Endorsement</td>
<td>145</td>
</tr>
<tr>
<td>Minor</td>
<td>145</td>
</tr>
<tr>
<td>Minor, Dance</td>
<td>145</td>
</tr>
<tr>
<td>Physical Education, Department of</td>
<td>144</td>
</tr>
<tr>
<td>Physical Education, General Studies Component</td>
<td>147</td>
</tr>
<tr>
<td>Physics and Astronomy, Department of</td>
<td>180</td>
</tr>
<tr>
<td>Physics, B.S.</td>
<td>181</td>
</tr>
<tr>
<td>Applied Physics, Option</td>
<td>181</td>
</tr>
<tr>
<td>B.S. (Teaching)</td>
<td>181</td>
</tr>
<tr>
<td>M.S.</td>
<td>181</td>
</tr>
<tr>
<td>Minor</td>
<td>181</td>
</tr>
<tr>
<td>Planned Curriculum</td>
<td>29</td>
</tr>
<tr>
<td>Planning, Minor</td>
<td>191</td>
</tr>
<tr>
<td>Option</td>
<td>190</td>
</tr>
<tr>
<td>PLUS Loan</td>
<td>17</td>
</tr>
<tr>
<td>Police Administration, B.S.</td>
<td>158</td>
</tr>
<tr>
<td>Minor</td>
<td>158</td>
</tr>
<tr>
<td>A.A.</td>
<td>158</td>
</tr>
<tr>
<td>Police Studies, Department of</td>
<td>158</td>
</tr>
<tr>
<td>Policy on Classification of Students for Admission and Fee Assessment Purposes</td>
<td>11</td>
</tr>
<tr>
<td>Political Science, B.A.</td>
<td>193</td>
</tr>
<tr>
<td>B.A. (Teaching)</td>
<td>193</td>
</tr>
<tr>
<td>Minor</td>
<td>193</td>
</tr>
<tr>
<td>Minor (Teaching)</td>
<td>194</td>
</tr>
<tr>
<td>Pre-Allied Health</td>
<td>45</td>
</tr>
<tr>
<td>Pre-Dental Hygiene</td>
<td>45</td>
</tr>
</tbody>
</table>

INDEX
Quality Assurance Technology, A.S. ........................................ 77
Readmission to the University ........................................ 21
Real Estate, B.B.A. .......................................................... 124
Recreation and Park Administration, Department of ............ 147
Recreation and Park Administration, B.S. ......................... 148
Camping and Outdoor Recreation, Option .......................... 148
Commercial Recreation, Option ....................................... 148
Recreation Programming, Option ..................................... 148
Therapeutic Recreation, Option ....................................... 148
Minor (Non-Teaching) ..................................................... 148
Recreation and Park Leadership, A.S. ............................... 148
Recreation Programming, Option ..................................... 148
Refund Policy ............................................................... 14
Regents Scholarship ....................................................... 16
Registrar ....................................................................... 36
Religion, B.A. ................................................................. 104
Minor .......................................................................... 104
Repeating Courses ......................................................... 29
Residency Classification Procedure .................................. 13
Residency Status, Determination of ................................. 12
Restricted Elective Requirements ..................................... 26
Associate Degree .......................................................... 26
Baccalaureate Degree ...................................................... 24
ROTC Scholarships, Air Force .......................................... 83
ROTC Scholarships, Army ............................................... 82
Satisfactory Progress ...................................................... 27
Schedule Changes .......................................................... 27
Scholarships ................................................................. 16
School Health, K-12 (Teaching) ........................................ 143
Minor, K-12 (Teaching) .................................................... 143
Science (Teaching), B.S. ................................................... 164
Science Learning Resource Center ................................... 161
Secondary Education (9-12) ............................................. 131
Security and Loss Prevention Program ............................. 156
Security and Loss Prevention, B.S. .................................... 156
Computer and Information Security, Option ....................... 156
General Loss Prevention, Option ..................................... 156
Loss Prevention and Control, Option ............................... 156
Loss Prevention Management, Option ............................. 156
Minors ................................................................. 156
Semester when Courses are Offered ................................. 33
Services for the Disabled ............................................... 15
Social Activities ............................................................ 17
Social and Behavioral Sciences, College of ......................... 185
Social Justice, Minor ..................................................... 158
Social Science, Department of ......................................... 201
Social Welfare, Minor .................................................... 188
Social Work, B.S.W. ....................................................... 188
Sociology, B.A. ............................................................. 187
B.A. (Teaching) ............................................................ 188
Minor ................................................................. 188
Soils, Option ............................................................... 62
Minor ................................................................. 63
Spanish, B.A. ............................................................... 95
B.A. (Teaching) ............................................................ 95
Minor ................................................................. 95
Minor (Teaching) ........................................................ 95
Special Admissions ...................................................... 21
High School Specials .................................................... 21
Transient Students ........................................................ 21
Veterans ................................................................. 21
Admission Without Regard to a Degree .............................. 21
O’Donnell Scholarship Recipients ..................................... 21
Special Consideration ................................................... 21
Special Education, B.S. .................................................. 136
Minor ................................................................. 137
Special Education, Department of .................................. 135
Communication Disorders .............................................. 137
Hearing Impaired ......................................................... 137
Interpreting ................................................................. 137
Learning and Behavior Disorders ..................................... 136
Special Education in Early Childhood ............................... 136
Trainable Mentally Handicapped ...................................... 136
Special Education in Early Childhood (Non-Teaching), Option .................................................. 136
Speech and Theatre Arts, B.A. ......................................... 106
B.A. (Teaching) ............................................................ 106
Speech Communication and Theatre Arts, Department of .... 105
Speech Communication, B.A. ......................................... 105
Human Services Communication, Option ......................... 105
Organizational Communication, Option ........................... 105
Minor ................................................................. 105
Speech-Language-Hearing Clinic .................................... 15
Sports, B.S. ................................................................. 144
Stafford Loan .............................................................. 16
Statistics, B.S. ............................................................. 176
Minor ................................................................. 177
Student Affairs ............................................................ 15
Student Aid Society Inc. Loan ........................................ 17
Student Employment ..................................................... 17
Student Load ............................................................... 27
Student Health Services ................................................ 15
Student Support Services Program .................................. 36
Student Teaching .......................................................... 128
Study Abroad Programs ................................................ 29
Kentucky Institute for European Studies ............................ 29
Cooperative Study in Britain ........................................... 30
Subsequent Degrees ..................................................... 31
Supplemental Educational Opportunity Grant ....................... 16
Supplemental Loans for Students (SLS) .............................. 17
Suspension ................................................................. 30
Teacher Admission and Certification ............................... 128
Technology, Department of .......................................... 76
Technology Education (Teaching), B.S. ......................... 76
Area Major ............................................................... 76
First Major ............................................................... 77
<table>
<thead>
<tr>
<th>Index Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telecourses</td>
<td>39</td>
</tr>
<tr>
<td>Textiles, Minor</td>
<td>69</td>
</tr>
<tr>
<td>Theatre Arts, B.A.</td>
<td>106</td>
</tr>
<tr>
<td>Minor</td>
<td>106</td>
</tr>
<tr>
<td>Minor (Teaching)</td>
<td>106</td>
</tr>
<tr>
<td>Theory/Composition, Option</td>
<td>99</td>
</tr>
<tr>
<td>Therapeutic Recreation, Option</td>
<td>148</td>
</tr>
<tr>
<td>Traffic Safety Institute</td>
<td>157</td>
</tr>
<tr>
<td>Minor</td>
<td>157</td>
</tr>
<tr>
<td>Driver Education Endorsement for Teaching Major</td>
<td>157</td>
</tr>
<tr>
<td>Trainable Mentally Handicapped (K-12), B.S.</td>
<td>136</td>
</tr>
<tr>
<td>With Early Elementary Certification (K-4)</td>
<td>136</td>
</tr>
<tr>
<td>With Middle Grade Certification (5-8)</td>
<td>136</td>
</tr>
<tr>
<td>Non-Teaching</td>
<td>136</td>
</tr>
<tr>
<td>Transfer Credit/Courses</td>
<td>29</td>
</tr>
<tr>
<td>Transfer Students</td>
<td>20</td>
</tr>
<tr>
<td>Transportation and Physical Distribution</td>
<td>119</td>
</tr>
<tr>
<td>Management, B.B.A.</td>
<td>191</td>
</tr>
<tr>
<td>Travel and Tourism, Minor</td>
<td>190</td>
</tr>
<tr>
<td>Option</td>
<td>190</td>
</tr>
<tr>
<td>TRIO Programs</td>
<td>36</td>
</tr>
<tr>
<td>Turf Management, Option</td>
<td>63</td>
</tr>
<tr>
<td>Turfgrass Production, Option</td>
<td>63</td>
</tr>
<tr>
<td>Two-Year Programs</td>
<td>37</td>
</tr>
<tr>
<td>Undeclared Students</td>
<td>23</td>
</tr>
<tr>
<td>University Calendar</td>
<td>4</td>
</tr>
<tr>
<td>University Writing Requirement</td>
<td>27</td>
</tr>
<tr>
<td>Upper Cumberland Biological Field Station at Tech Aqua</td>
<td>166</td>
</tr>
<tr>
<td>Upward Bound Program</td>
<td>36</td>
</tr>
<tr>
<td>Veterans Program</td>
<td>17</td>
</tr>
<tr>
<td>Visual Media, Minor</td>
<td>74</td>
</tr>
<tr>
<td>Vo-Ag Preparation, Option</td>
<td>62</td>
</tr>
<tr>
<td>Vocational Rehabilitation</td>
<td>17</td>
</tr>
<tr>
<td>Vocational-Industrial and Technical Education (Teaching), B.S.</td>
<td>77</td>
</tr>
<tr>
<td>A.S.</td>
<td>78</td>
</tr>
<tr>
<td>Wildlife Management, B.S.</td>
<td>168</td>
</tr>
<tr>
<td>Withdrawal from a Class</td>
<td>28</td>
</tr>
<tr>
<td>Withdrawal from the University</td>
<td>28</td>
</tr>
<tr>
<td>Work-Study Program</td>
<td>17</td>
</tr>
<tr>
<td>Writing Emphasis, Option</td>
<td>91</td>
</tr>
</tbody>
</table>

**INDEX**

229
## COURSE PREFIXES

<table>
<thead>
<tr>
<th>PREFIX</th>
<th>Department/Program</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHO</td>
<td>100 Academic Orientation</td>
<td>88</td>
</tr>
<tr>
<td>ANO</td>
<td>100 Academic Orientation</td>
<td>45</td>
</tr>
<tr>
<td>ATO</td>
<td>100 Academic Orientation</td>
<td>62</td>
</tr>
<tr>
<td>CBO</td>
<td>100 Academic Orientation</td>
<td>111</td>
</tr>
<tr>
<td>CHO</td>
<td>100 Academic Orientation</td>
<td>141</td>
</tr>
<tr>
<td>CSO</td>
<td>100 Academic Orientation</td>
<td>186</td>
</tr>
<tr>
<td>EDO</td>
<td>100 Academic Orientation</td>
<td>129</td>
</tr>
<tr>
<td>GSO</td>
<td>100 Academic Orientation</td>
<td>34</td>
</tr>
<tr>
<td>LEO</td>
<td>100 Academic Orientation</td>
<td>153</td>
</tr>
<tr>
<td>NMO</td>
<td>100 Academic Orientation</td>
<td>105</td>
</tr>
<tr>
<td>ACC</td>
<td>Accounting</td>
<td>113</td>
</tr>
<tr>
<td>ACS</td>
<td>Administrative Communication and Services</td>
<td>114</td>
</tr>
<tr>
<td>AFS</td>
<td>Aerospace Studies (Air Force ROTC)</td>
<td>84</td>
</tr>
<tr>
<td>AGR</td>
<td>Agriculture</td>
<td>64</td>
</tr>
<tr>
<td>AHN</td>
<td>Allied Health &amp; Nursing</td>
<td>59</td>
</tr>
<tr>
<td>ANT</td>
<td>Anthropology</td>
<td>188</td>
</tr>
<tr>
<td>ART</td>
<td>Art</td>
<td>90</td>
</tr>
<tr>
<td>AST</td>
<td>Astronomy</td>
<td>182</td>
</tr>
<tr>
<td>AVN</td>
<td>Aviation</td>
<td>81</td>
</tr>
<tr>
<td>BIO</td>
<td>Biology</td>
<td>168</td>
</tr>
<tr>
<td>CAH</td>
<td>Arts and Humanities</td>
<td>88</td>
</tr>
<tr>
<td>CIS</td>
<td>Computer Information Systems</td>
<td>121</td>
</tr>
<tr>
<td>CDF</td>
<td>Child and Family Studies</td>
<td>70</td>
</tr>
<tr>
<td>CHE</td>
<td>Chemistry</td>
<td>171</td>
</tr>
<tr>
<td>CLS</td>
<td>Clinical Laboratory Science (Medical Technology)</td>
<td>53</td>
</tr>
<tr>
<td>CNM</td>
<td>Natural and Mathematical Sciences</td>
<td>165</td>
</tr>
<tr>
<td>COM</td>
<td>Communications</td>
<td>74</td>
</tr>
<tr>
<td>CON</td>
<td>Construction Technology</td>
<td>78</td>
</tr>
<tr>
<td>COR</td>
<td>Correctional Services</td>
<td>154</td>
</tr>
<tr>
<td>CRU</td>
<td>Criminal Justice</td>
<td>153</td>
</tr>
<tr>
<td>CSB</td>
<td>Social and Behavioral Sciences Interdisciplinary</td>
<td>186</td>
</tr>
<tr>
<td>CSC</td>
<td>Computer Science</td>
<td>177</td>
</tr>
<tr>
<td>EAD</td>
<td>Educational Administration</td>
<td>130</td>
</tr>
<tr>
<td>ECO</td>
<td>Economics</td>
<td>120</td>
</tr>
<tr>
<td>EDF</td>
<td>Educational Studies</td>
<td>130</td>
</tr>
<tr>
<td>EET</td>
<td>Electricity and Electronics Technology</td>
<td>78</td>
</tr>
<tr>
<td>EHE</td>
<td>Higher Education</td>
<td>135</td>
</tr>
<tr>
<td>EHS</td>
<td>Environmental Health Science</td>
<td>46</td>
</tr>
<tr>
<td>ELE</td>
<td>Early Elementary Education</td>
<td>132</td>
</tr>
<tr>
<td>EMC</td>
<td>Emergency Medical Care</td>
<td>50</td>
</tr>
<tr>
<td>EME</td>
<td>Early Elementary and Middle Grade</td>
<td>133</td>
</tr>
<tr>
<td>EMG</td>
<td>Middle Grade Education</td>
<td>133</td>
</tr>
<tr>
<td>EMS</td>
<td>Early Elementary, Middle Grades, and Secondary Education</td>
<td>134</td>
</tr>
<tr>
<td>ENG</td>
<td>English</td>
<td>92</td>
</tr>
<tr>
<td>EPC</td>
<td>Counseling</td>
<td>131</td>
</tr>
<tr>
<td>EPY</td>
<td>Educational Psychology</td>
<td>131</td>
</tr>
<tr>
<td>ESE</td>
<td>Secondary Education</td>
<td>134</td>
</tr>
<tr>
<td>FCC</td>
<td>Foreign Culture and Civilization</td>
<td>95</td>
</tr>
<tr>
<td>FIN</td>
<td>Finance</td>
<td>122</td>
</tr>
<tr>
<td>FLS</td>
<td>Foreign Language Studies</td>
<td>95</td>
</tr>
<tr>
<td>FOR</td>
<td>Forensic Science</td>
<td>172</td>
</tr>
<tr>
<td>FSE</td>
<td>Fire and Safety Engineering Technology</td>
<td>155</td>
</tr>
<tr>
<td>FRE</td>
<td>French</td>
<td>96</td>
</tr>
<tr>
<td>GBU</td>
<td>General Business</td>
<td>117</td>
</tr>
<tr>
<td>GEO</td>
<td>Geography</td>
<td>191</td>
</tr>
<tr>
<td>GER</td>
<td>German</td>
<td>96</td>
</tr>
<tr>
<td>GLY</td>
<td>Geology</td>
<td>174</td>
</tr>
<tr>
<td>GRE</td>
<td>Greek</td>
<td>96</td>
</tr>
<tr>
<td>GCS</td>
<td>Interpersonal Skills and Career Counseling</td>
<td>34</td>
</tr>
<tr>
<td>GSL</td>
<td>Learning Skills</td>
<td>93</td>
</tr>
<tr>
<td>GSS</td>
<td>Social Science</td>
<td>201</td>
</tr>
<tr>
<td>HEA</td>
<td>Health Education</td>
<td>143</td>
</tr>
<tr>
<td>HEC</td>
<td>Home Economics</td>
<td>70</td>
</tr>
<tr>
<td>HON</td>
<td>Honors Program</td>
<td>35</td>
</tr>
<tr>
<td>HIS</td>
<td>History</td>
<td>198</td>
</tr>
<tr>
<td>HPR</td>
<td>General Physical Education and Lifetime Activities</td>
<td>147</td>
</tr>
<tr>
<td>HUM</td>
<td>Humanities</td>
<td>98</td>
</tr>
<tr>
<td>IDH</td>
<td>Interior Design and Housing</td>
<td>71</td>
</tr>
<tr>
<td>INS</td>
<td>Insurance</td>
<td>123</td>
</tr>
<tr>
<td>ITA</td>
<td>Italian</td>
<td>96</td>
</tr>
<tr>
<td>JPN</td>
<td>Japanese</td>
<td>97</td>
</tr>
<tr>
<td>JOU</td>
<td>Journalism</td>
<td>74</td>
</tr>
<tr>
<td>LAS</td>
<td>Paralegal</td>
<td>196</td>
</tr>
<tr>
<td>LAT</td>
<td>Latin</td>
<td>97</td>
</tr>
<tr>
<td>LIB</td>
<td>Library Science</td>
<td>134</td>
</tr>
<tr>
<td>LPS</td>
<td>Loss Prevention and Safety</td>
<td>153</td>
</tr>
<tr>
<td>MAR</td>
<td>Marine Sciences</td>
<td>165</td>
</tr>
<tr>
<td>MAS</td>
<td>Medical Assisting Technology</td>
<td>52</td>
</tr>
<tr>
<td>MAT</td>
<td>Mathematics</td>
<td>178</td>
</tr>
<tr>
<td>MFG</td>
<td>Manufacturing</td>
<td>79</td>
</tr>
<tr>
<td>MGt</td>
<td>Management</td>
<td>117</td>
</tr>
<tr>
<td>MIL</td>
<td>Military Service</td>
<td>83</td>
</tr>
<tr>
<td>Mkt</td>
<td>Marketing</td>
<td>118</td>
</tr>
<tr>
<td>MLT</td>
<td>Medical Laboratory Technician</td>
<td>53</td>
</tr>
<tr>
<td>MRS</td>
<td>Medical Record Science</td>
<td>49</td>
</tr>
<tr>
<td>MUS</td>
<td>Music</td>
<td>100</td>
</tr>
<tr>
<td>NAT</td>
<td>Natural Science</td>
<td>180</td>
</tr>
<tr>
<td>NFA</td>
<td>Nutrition, Foods, and Food Administration</td>
<td>71</td>
</tr>
<tr>
<td>NSC</td>
<td>Baccalaureate Nursing</td>
<td>55</td>
</tr>
<tr>
<td>NUR</td>
<td>Nursing (Associate)</td>
<td>56</td>
</tr>
<tr>
<td>OHC</td>
<td>Ornamental Horticulture</td>
<td>65</td>
</tr>
<tr>
<td>OSH</td>
<td>Occupational Safety and Health Technology</td>
<td>156</td>
</tr>
<tr>
<td>OTS</td>
<td>Occupational Therapy</td>
<td>58</td>
</tr>
<tr>
<td>PAD</td>
<td>Police Administration</td>
<td>159</td>
</tr>
<tr>
<td>PHE</td>
<td>Physical Education</td>
<td>145</td>
</tr>
<tr>
<td>PHI</td>
<td>Philosophy</td>
<td>104</td>
</tr>
<tr>
<td>PHY</td>
<td>Physics</td>
<td>181</td>
</tr>
<tr>
<td>PLA</td>
<td>Planning</td>
<td>192</td>
</tr>
<tr>
<td>POL</td>
<td>Political Science</td>
<td>195</td>
</tr>
<tr>
<td>POR</td>
<td>Portuguese</td>
<td>97</td>
</tr>
<tr>
<td>PSY</td>
<td>Psychology</td>
<td>200</td>
</tr>
<tr>
<td>PUB</td>
<td>Public Relations</td>
<td>75</td>
</tr>
<tr>
<td>REC</td>
<td>Recreation and Park Administration</td>
<td>148</td>
</tr>
<tr>
<td>REL</td>
<td>Religion</td>
<td>105</td>
</tr>
<tr>
<td>RST</td>
<td>Real Estate</td>
<td>124</td>
</tr>
<tr>
<td>RTV</td>
<td>Broadcasting</td>
<td>75</td>
</tr>
<tr>
<td>RUS</td>
<td>Russian</td>
<td>97</td>
</tr>
<tr>
<td>SCI</td>
<td>Science</td>
<td>172</td>
</tr>
<tr>
<td>SLP</td>
<td>Security and Loss Prevention</td>
<td>157</td>
</tr>
<tr>
<td>SED</td>
<td>Special Education</td>
<td>138</td>
</tr>
<tr>
<td>SOC</td>
<td>Sociology</td>
<td>189</td>
</tr>
<tr>
<td>STA</td>
<td>Statistics</td>
<td>179</td>
</tr>
<tr>
<td>SWK</td>
<td>Social Work</td>
<td>190</td>
</tr>
<tr>
<td>SPA</td>
<td>Spanish</td>
<td>97</td>
</tr>
<tr>
<td>SPE</td>
<td>Speech</td>
<td>106</td>
</tr>
<tr>
<td>COURSE PREFIXES</td>
<td>PAGE</td>
<td></td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>TCF—Textiles, Clothing, and Fashion</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td>TEC—Technology, General</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>THE—Theatre Arts</td>
<td>107</td>
<td></td>
</tr>
<tr>
<td>TNT—Travel and Tourism</td>
<td>192</td>
<td></td>
</tr>
<tr>
<td>TPD—Transportation and Physical</td>
<td>119</td>
<td></td>
</tr>
<tr>
<td>Distribution</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRS—Traffic Safety</td>
<td>153, 157</td>
<td></td>
</tr>
<tr>
<td>TTE—Technology Teacher Education</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>VIT—Vocational Industrial Teaching</td>
<td>81</td>
<td></td>
</tr>
</tbody>
</table>