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2004-2006 Graduate Catalog

Eastern Kentucky University

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Eastern
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University

Graduate
Catalog

2004-06



Eastern Kentucky University

Graduate Catalog

2004-2006



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and paid from state funds.*

University Calendar

FALL SEMESTER 2004

Aug	20	Residence halls open.
	23	Advising period resumes.
	25	Classes begin. Late registration begins.
	31	Last day to register for or add/drop full-semester classes. “Dropped” classes do not appear on transcript.
Sept	6	Holiday.
Oct	11-12	Fall break-offices open.
	19	Last day to “withdraw” with a “W” from a full-term semester class or from the University.
Nov	2	Election Day-University closed.
	23	Holiday begins at 9:00 p.m. Evening classes will meet.
	29	Classes resume.
Dec	6	“Pre-final examination week” begins.
	10	Regular class times end.
	13	Final examination week begins.
	18	Commencement exercises, 10:00 a.m. and 3 p.m. Final examination week ends. Fall semester ends.

SPRING SEMESTER 2005

Jan	5	Residence halls open.
	6	Advising period resumes.
	10	Classes begin. Late registration begins.
	17	Holiday.
	18	Last day to register for or add/drop full-semester classes. “Dropped” classes do not appear on transcript.
Feb	21	Holiday.
March	4	Last day to “withdraw” with a “W” from a full-semester class or from the University.
	7	Spring break begins.
	14	Classes resume.
April	25	“Pre-final examination week” begins.
	29	Regular class times end.
May	2	Final examination week begins.
	7	Final examination week ends. Spring semester ends.
	8	Commencement exercises, 10:00 a.m. and 3 p.m.

SUMMER SESSION 2005*

May	16	Classes begin.
	17	Last day to register for or add/drop 10-week classes. “Dropped” classes do not appear on transcript.
June	17	Last day to “withdraw” with a “W” from a full-session class or from the University.
July	4	Holiday.
	22	Regular classes and finals end. Commencement exercises, 7:30 p.m.

FALL SEMESTER 2005*

Aug	19	Residence halls open.
	22	Advising period resumes.
	24	Classes begin. Late registration begins.
	30	Last day to register for or add/drop full-semester classes. “Dropped” classes do not appear on transcript.
Sept	5	Holiday.
Oct	10-11	Holiday. Offices closed 10th only.
	18	Last day to “withdraw” with a “W” from a full-term semester class or from the University.
Nov	22	Holiday begins at 9:00 p.m. Evening classes will meet.
	28	Classes resume.
Dec	5	“Pre-final examination week” begins.
	9	Regular class times end.
	12	Final examination week begins.
	17	Final examination week ends. Commencement exercises, 10:00 a.m. and 3 p.m. Fall semester ends.

SPRING SEMESTER 2006*

Jan	11	Residence halls open.
	12	Advising period resumes.
	16	Holiday.
	17	Classes begin. Late registration begins.
	23	Last day to register for or add/drop full-semester classes. “Dropped” classes do not appear on transcript.
Feb	20	Holiday.
March	10	Last day to “withdraw” with a “W” from a full-semester class or from the University.
	13	Spring break begins.
	20	Classes resume.
May	1	“Pre-final examination week” begins.
	6	Regular class times end.
	8	Final examination week begins.
	13	Final examination week ends. Spring semester ends. Commencement exercises, 10:00 a.m. and 3 p.m.

SUMMER SESSION 2006*

May	22	Classes begin.
	23	Last day to register for or add/drop full session classes. “Dropped” classes do not appear on transcript.
June	23	Last day to “withdraw” with a “W” from a full-session class or from the University.
July	4	Holiday.
	21	Regular classes and finals end. Commencement exercises, 7:30 p.m.

*tentative-dates subject to change

Notifications

All statements in this publication are announcements of present policy only and are subject to change without prior notice. Nothing contained in this publication is intended to create nor shall be construed as creating a contract, either express or implied, or guarantee for any term or for any specific procedures.

Eastern Kentucky University is an Equal Opportunity/Affirmative Action employer and educational institution and does not discriminate on the basis of age, race, color, religion, sex, sexual orientation, disability, national origin or Vietnam era or other veteran status in the admission to, or participation in, any educational program or activity which it conducts. Any complaint arising by reason of alleged discrimination should be directed to the Equal Opportunity Office of Eastern Kentucky University (Jones Building, Room 106, CPO 37A, Richmond, KY 40475-3102, 859-622-8020 v/tdd), or to the Director of the Office for Civil Rights, U.S. Department of Education, Philadelphia, PA.

The Board of Regents of Eastern Kentucky University does hereby reaffirm the University's commitment to providing educational opportunities to all qualified students regardless of economic or social status and ensuring that participation in all University sponsored activities will be administered in a way that furthers the principles of equal employment and educational opportunities.

Eastern Kentucky University does not discriminate on the basis of disability in the admission or access to educational opportunities, programs or activities. The Director of Services for Individuals with Disabilities, Turley House, Room 1, Eastern Kentucky University, Richmond, Kentucky 40475, coordinates compliance with all federal, state and local laws and regulations concerning access for disabled individuals. Requests for information concerning the Americans with Disabilities Act and other federal and state laws relating to disabilities and the rights provided thereunder, as well as all requests for accommodations based upon disability should be directed to this office.

Eastern Kentucky University is committed to providing a healthy and safe environment for its students, faculty and staff through its compliance with the Drug-Free Workplace Act of 1988 and the Drug-Free Schools and Communities Act Amendment of 1989. In accordance with these laws, students, faculty and staff are hereby notified of the standards of conduct which shall be applicable while on University property, on University business or at University sponsored activities.

By University rules and 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, on University business and/or at University sponsored activities.

Any member of the student body, faculty or staff who violates the University's standards of conduct shall be subject to appropriate disciplinary action up to and including suspension and/or termination. In addition to disciplinary sanctions, students or employees may face prosecution and imprisonment under federal and/or state laws which make such acts felony or misdemeanor crimes. The specifically defined standards of conduct, the disciplinary procedures and possible sanctions appear in the *Student Handbook* and the *Faculty Handbook*.

Continuous efforts are made to make students, faculty and staff aware of the on-campus and off-campus programs which provide information and professional services on matters related to the abuse of alcohol and drugs. For additional information individuals should contact the Eastern Kentucky University Counseling Center.

Federal Regulations

Provisions of the Family Educational Rights and Privacy Act of 1974 (as amended) PUBLIC LAW 93-380

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 Educational Rights and Privacy Act of 1974 (FERPA), as amended. The University is composed of five 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 students:

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

Access to Records: In general, the records maintained by the University are available only to the student, to University personnel with legitimate educational interests, to other institutions where the student is seeking financial aid, and to authorized representatives of the Comptroller General of the U.S., the Secretary of Education, or an administrative head of an education agency, in connection with an audit or evaluation of federally support programs, and as provided by Section 164.283 of the Kentucky Revised Statutes. However, information may be released by the institution to appropriate persons in connection with an emergency if the knowledge of such information is necessary to protect the health or safety of a student or other persons. Records may also be furnished in compliance with a judicial order or pursuant to a subpoena or with the consent of the student.

Students may inspect and review all records pertaining to them within forty-five (45) days of making request for same, except for (1) records created or maintained by a physician, psychiatrist, psychologist or other recognized professional or paraprofessional acting or assisting in a professional capacity in connection with treatment of the student (except that the student may have these records reviewed by a physician or appropriate professional designated by the student,), (2) financial records of the student's parents, (3) confidential letters and recommendations put in the files prior to January 1, 1975, and (4) confidential recommendations relating to admission, applications for employment, or honors, if the student has waived his/her right to review such records. Where a particular record cannot be reviewed by a student without revealing confidential information relating to other students, the records custodian will inform the student, upon request, of the contents of the record pertaining to that student.

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

Procedures for Challenge: A student who believes that any record maintained by the University pertaining directly to that student is inaccurate, misleading, or otherwise violative of the right of privacy of the student as provided by Title IV of Pub. L. 90-247, as amended, and Publ. L. 93-380 as amended by Senate Joint Resolution 40 (1974) may request a hearing before a panel of three persons appointed by the President of the University. The panel may direct that appropriate action be taken to correct, explain, or expunge the record(s) challenged.

Request for hearings should be addressed to the Office of University Counsel, Eastern Kentucky University, Coates Room 205, CPO 40A, 521 Lancaster Avenue, Richmond, Kentucky 40475-3102.

Directory Information: The University may release information without the student's consent where the information is classified as "directory information." The following categories of information have been designated by the University as directory information: name, address, telephone listing, e-mail address, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous education institution attended by the student. Students who do not wish such information released without their consent should notify the Student Records Office in writing. Any such request should be sent to Office of the Registrar, Office of Academic Records/Transcripts, Eastern Kentucky University, Student Services Building Room 239, CPO 58, 521 Lancaster Avenue, Richmond, Kentucky 40475-3158.

Notification of Rights Under FERPA for Postsecondary Institutions: The Family Educational Rights and Privacy affords students certain rights with respect to their education records. They are:

- (1) The right to inspect and review the student's education records within 45 days of the day the University receives a request for access. Students should submit to the registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
- (2) The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.

Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

- (3) The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate education interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

Upon request, the University discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

- (4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA are: Family Policy Compliance Office, U.S. Department of Education, 600 Independence Avenue SW, Washington, DC 20202-4605.

Student Right-To-Know Act

(Pub. L. 101-542)

Eastern Kentucky University

1999-2000

Section 103 of the Student Right-To-Know and Campus Security Act of 1990 (Public Law 101-542) as amended by the Higher Education Technical Amendments of 1991 (Public Law 102-26) requires public disclosure of relevant graduation rate information for students enrolled in colleges and universities receiving federal financial assistance annually beginning July 1, 1993. Because the undergraduate and graduate catalogs are published for a two-year period, the graduation rate information will be published each year in the *University Handbook for Students* or may be obtained upon request from the Office of the Provost and Vice President for Academic Affairs, Coates Administration Building, Room 110, CPO 30A, 521 Lancaster Avenue, Richmond, Kentucky 40475-3102.

SECTION ONE

Eastern Kentucky
University

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 Kentucky University 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 Kentucky University 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 south Eastern 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 28,000 population.

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 Kentucky University 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, 1966, when Governor Edward T. Breathitt signed into law a bill renaming the institution Eastern Kentucky University (EKU) 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 and psychology. In addition to these programs, Eastern Kentucky University offers cooperative doctoral programs with cooperating institutions.

Ever-mindful of the purpose of its founding, Eastern Kentucky University 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 Kentucky University to serve the Commonwealth as a regional comprehensive university.

Mission Statement

For more than a decade, a mission statement approved by the Council on Postsecondary Education (formerly the Kentucky Council on Higher Education) has guided the University (see last section). During the planning process, this mission statement was refined to be more succinct and to better reflect our role for strategic planning purposes. We are not replacing the CPE mission statement, but rather, we developed a mission statement to appear in the context of the 2003-2006 University Strategic Plan, "Moving Forward Together." The revised mission statement is:

**Eastern Kentucky University is a student-centered
comprehensive public university dedicated to high-quality
instruction, service, and scholarship.**

Core Values

Values are the code of organizational conduct. They guide the decision making in all endeavors of the University. They direct our actions and must both inspire and compel all faculty, staff, and students to continuously be true to them. The Eastern Kentucky University community is committed to demonstrating these values in our daily actions to accomplish our mission and achieve our vision. EKU will be guided by the following six values when planning, setting priorities, and making decisions regarding the University community's pursuit of the three fold mission of higher education: teaching, service, and scholarship.

Civic Responsibility and Civility

We believe that it is the duty of Eastern Kentucky University to educate our students and to deliver an understanding of how the knowledge passed to them can benefit the citizens of southeastern Kentucky, the Commonwealth of Kentucky, the nation, and globally. The values that we must teach of civic responsibility and how to influence democratic decision making must embrace both the skills and the spirit of democracy thus creating innumerable opportunities for our students to practice and reap the results of the real, hard work of citizenship. At the heart of civic responsibility lies the value of civility. The University community strives to propagate the understanding and practice of civility in public discourse and social life and encourages the promotion of learning regarding the techniques and value of dialogue and nonviolent conflict resolution.

Diversity, Dignity, Integrity

The EKU University community holds our students, faculty and staff to the demonstration of high moral principles and professional standards both in and out of the University setting. We hold ourselves to the responsibility of dignity as exemplified by a proper sense of pride and self-respect in fulfilling all areas of the University's mission. We honor and pursue a University community climate that respects and celebrates the diversity of peoples and seeks to embrace all citizens and prohibit judgments based on race, ethnicity, religion, socio-economic status, gender, sexual orientation, disabilities, and cultural or national backgrounds.

Excellence and Innovation

Our University community believes that excellence is achieved as a continuum of effort and not as an event. To this end, we envision achievement of the highest standards to be attained through ongoing assessment and continuous quality improvement. The promotion of personal and academic excellence is the foundation for institutional excellence. We deem that an environment, which fosters innovation at all levels, is critical to the success of the institution.

Opportunity and Access

The EKU University community is dedicated to the idea that its history and tradition are embedded in Appalachian values, foremost of which are the uniqueness of the individual and the provision of opportunity and accessibility to all who seek the fulfillment of education intellectually and experientially.

Shared Governance and Collaboration

The EKU University community accepts as true that leadership characterized by vision and embedded with participatory decision-making at all levels is the emblem of an effective organization. We are committed to providing an atmosphere in which we pursue our joint aspirations in the spirit and practice of collegiality and collaboration at all levels of our community.

Student Success

The EKU University community acknowledges that its students, faculty, staff and alumni are the source of its strength: collectively, they determine the spirit, eminence, and efficacy of the institution. However, it is the success of its students upon which hinges the future of EKU. To this end, our greatest value is "student success," in the classroom, at work, and on the stage of the world at which they represent the collective efforts of the EKU University community.

Vision

The vision expresses an ideal to which the University aspires and relates its future. This vision was developed after gathering input from external and internal constituents, including top-down and bottom-up perspectives of EKU's future. The Vision for the 2003-2006 Eastern Kentucky University Strategic Plan is:

Eastern Kentucky University will be the leading comprehensive university in the Commonwealth of Kentucky, earning national distinction, where students come first.

Institutional Goals

Eastern Kentucky University's Institutional Goals chart the efforts that will enable the University to realize its Vision for the future and to fulfill the University's Mission. The goals encompass all the facets of the University's life. **(Please note: these are not listed in any particular order or suggested priority.)**

- To promote and support a climate that respects and celebrates diversity.¹
- To continuously improve the programs, services, and infrastructure of the University through the use of inclusive and innovative processes.
- To promote learning through high quality programs and services.
- To provide intellectual and cultural opportunities which will develop and enhance scholarship and intellectual curiosity.
- To increase and enhance external and internal constituency engagement, while maintaining a connection with Appalachia.
- To attract, develop, and educate an increasingly diverse student body.

¹University Diversity Committee's Definition of Diversity: EKU promotes a climate that respects and celebrates diversity within its community which includes, but is not limited to race, ethnicity, religion, socio-economic status, gender, sexual orientation, disabilities, and cultural or national backgrounds, in pursuit of common unity (February 13, 2003).

**Strategic Directions
2003-2006 Planning Cycle**

To direct the University's actions toward achieving the Vision, to support the University's Mission and Institutional Goals, and to function effectively within an environment of challenges and opportunities, Eastern Kentucky University has selected the following Strategic Directions for the 2003-2006 Strategic Plan. These Directions serve to focus our work to realize our Goals and will guide us over the next three years. **(Please note: the Goals and Strategic Directions are not listed in any particular order or suggested priority.)**

Goal 1: To promote and support a climate that respects and celebrates diversity.

Strategic Direction 1.1: *Enhance a climate that supports diversity.*

Strategic Direction 1.2: *Increase recruitment and retention of a diverse faculty, staff and student body to reflect the global society.*

Goal 2: To continuously improve the programs, services, and infrastructure of the University through the use of inclusive and innovative processes.

Strategic Direction 2.1: *Enhance faculty and staff use of technology.*

Strategic Direction 2.2: *Improve institutional effectiveness by utilizing a strategic planning, budgeting, and assessment process that incorporates shared governance.*

Strategic Direction 2.3: *Increase base budget funding for deferred maintenance.*

Strategic Direction 2.4: *Increase financial flexibility.*

Goal 3: To promote learning through high quality programs and services.

Strategic Direction 3.1: *Enhance student learning through excellence in teaching, scholarship, and service.*

Strategic Direction 3.2: *Improve compensation to attract and retain high quality faculty and staff.*

Strategic Direction 3.3: *Increase opportunities for and participation in learning experiences inside and outside the classroom.*

Goal 4: To provide intellectual and cultural opportunities which will develop and enhance scholarship and intellectual curiosity.

Strategic Direction 4.1: *Enhance professional development opportunities.*

Strategic Direction 4.2: *Enhance resources and opportunities for faculty/staff/student collaboration in scholarly and creative activities.*

Goal 5: To increase and enhance external and internal constituency engagement, while maintaining a connection with Appalachia.

Strategic Direction 5.1: *Increase net external funding with emphasis on grants, contracts, private support, and economic development activities.*

Strategic Direction 5.2: *Enhance partnerships with business and community entities.*

Strategic Direction 5.3: *Enhance external and internal marketing and public relations to increase visibility.*

Goal 6: To attract, develop, and educate an increasingly diverse student body.

Strategic Direction 6.1: *Develop and implement a comprehensive enrollment planning process.*

Strategic Direction 6.2: *Develop a student-centered support system for a diverse student population.*

EKU-CPE Mission Statement

Commonwealth of Kentucky
Council on Postsecondary Education
Eastern Kentucky University

MISSION STATEMENT

(Refined December 15, 1993)

The Council of Postsecondary Education formerly the Kentucky Council on Higher Education has approved the following Mission statement for Eastern Kentucky University:

“Eastern Kentucky University shall serve the citizens of the Commonwealth of Kentucky as a comprehensive, regional university, providing instruction, public service, and research.”

Geographic Region. In the development and offering of its programs and services, the University shall place priority on meeting the needs of the citizens of central, eastern, and southeastern Kentucky.

Institutional Admission Standards. Eastern Kentucky University shall admit students to the institution under selective admission standards which exceed the minimum guidelines established by the Council on Postsecondary Education, with only limited exceptions. Institutional standards shall be consistent with the system wide policy for admitting under prepared students, including the removal of academic deficiencies within a specified timeframe. Through this approach, the University seeks to provide both broad access and high-quality programs.

Degree Levels. The University shall offer selected undergraduate programs, pre-professional curricula, and selected master’s and education specialist programs determined to meet demonstrated student interest and/or societal needs. Special attention shall be paid to the educational needs of the University’s service region. Certificate programs shall not be offered unless they are integral to associate or baccalaureate programs.

Strategic Directions/Program Priorities. Eastern Kentucky University shall: continue its tradition as an educator of classroom teachers and school administrators; support the needs of Kentucky’s business community; respond to appropriate societal needs and public policy objectives; and respond to the region’s technical education needs. These strategic directions translate into a core of liberal arts baccalaureate programs, in addition to degree programs at the certificate (C), associate (A), baccalaureate (B), master’s (M), and specialist (S) levels that may include the following: — (relevant categories from the Classification of Instruction Programs by level are included in brackets) —

agricultural business (A, B - 01); conservation and renewable natural resources (B - 03); marketing (B - 08); communications (B - 09); computer and information science (B - 11); education (A, B, M, S - 13); engineering technologies (A, B, M - 15); home economics (B, M - 19); vocational home economics (A - 20); legal studies (A, B - 22); English and literature (M - 23); liberal arts (B - 24); biological sciences (B, M - 26); mathematics (B, M - 27); parks, recreation, and leisure (B, M - 31); physical sciences (M - 40); psychology (M, S - 42); protective sciences (C, A, B, M - 43); public administration and services (B, M - 44); social sciences (M - 45); precision and production trades (A - 48); transportation (B - 49); fine arts (B, M - 50); health professions (C, A, B, M - 51); and business management (A, B, M - 52).

Enhancement of Instruction. The primary mission of the University shall be to provide its students instruction of the highest possible quality. The University shall utilize information obtained through its assessment program to enhance the quality of its instructional programs.

Public Service and Research Functions. The public service efforts of Eastern Kentucky University shall be designed to meet the needs of its service region and be related to its academic programs and capabilities. The continuing education requirements of the region's public school personnel and assistance in economic development should receive special emphasis. Research shall support the primary function of instruction, supplement the University's public service efforts, and advance knowledge in the subject matter areas with which the University is concerned. The University shall develop cooperative applied research and teaching programs using such resources as Maywoods, Lilley Cornett Woods, and Pilot Knob Sanctuary.

Collaborative Ventures. As a member of the Commonwealth's higher education system, it is incumbent on the University to cooperate with the other institutions, the Council on Postsecondary Education, and other state and federal agencies in fulfilling the strategic for higher education in Kentucky. This shall include the appropriate and efficient use of telecommunications technology. Further, to the extent possible, the University should foster articulation between its programs and those of other institutions, both public and private, which emphasize the transfer of credits from other institutions toward degree completion.

Efficiency and Effectiveness. Eastern Kentucky University shall insure that its resources are expended in a manner consistent with its mission. This shall include the promotion of cost effectiveness in academic programming and institutional management. Strategic planning shall include both the identification of programs which are no longer responsive to societal needs or are unnecessarily duplicative of those of another institution and the development of carefully selected new programs compatible with this mission. Measures of quality and performance shall be integral to the University's assessment and accountability systems which promote continuous improvement of programs and services.

SECTION TWO

Residency

Student Residency

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.

13 KAR 2:045. Determination of residency status for admission and tuition assessment purposes.

RELATES TO: KRS Chapter 13B, 164.020, 164.030, 164A.330(6)

STATUTORY AUTHORITY: KRS 164.020(8)

NECESSITY, FUNCTION, AND CONFORMITY: KRS 164.020(8) requires the Council on Postsecondary Education to determine tuition and approve the minimum qualifications for admission to a state-supported postsecondary education institution and authorizes the Council to set different tuition amounts for residents of Kentucky and for nonresidents. This administrative regulation establishes the procedure and guidelines for determining the residency status of a student who is seeking admission to, or who is enrolled at, a state-supported postsecondary education institution.

Section 1. Definitions.

- (1) "Academic term" means a division of the school year during which a course of studies is offered, and includes a semester, quarter, or single consolidated summer term as defined by the institution.
- (2) "Continuous enrollment" means enrollment in a state-supported postsecondary education institution at the same degree level for consecutive terms, excluding summer term, since the beginning of the period for which continuous enrollment is claimed unless a sequence of continuous enrollment is broken due to extenuating circumstances beyond the student's control, including serious personal illness or injury, or illness or death of a parent.
- (3) "Degree level" means enrollment in a course or program which could result in the award of a:
 - (a) Certificate, diploma or other program at an institution;
 - (b) Baccalaureate degree or lower including enrollment in a course by a nondegree seeking postbaccalaureate student;
 - (c) Graduate degree or graduate certification other than a first-professional degree in law, medicine, dentistry or "Pharm. D"; or
 - (d) Professional degree in law, medicine, dentistry, or "Pharm. D".
- (4) "Demonstration of Kentucky domicile and residency" means the presentation of documented information and evidence sufficient to prove by a preponderance of the evidence that a person is domiciled in Kentucky and is a resident of Kentucky.
- (5) "Dependent person" means a person who cannot demonstrate financial independence from parents or persons other than a spouse and who does not meet the criteria established in Section 5 of this administrative regulation.
- (6) "Determination of residency status" means the decision of a postsecondary education institution that may include a formal hearing that results in the classification of a person as a Kentucky resident or as a nonresident for admission and tuition assessment purposes.
- (7) "Domicile" means a person's true, fixed, and permanent home and is the place where the person intends to remain, and to which the person expects to return if absent without intending to establish a new domicile elsewhere.
- (8) "Full-time employment" means continuous employment for at least forty-eight (48) weeks at an average of at least thirty (30) hours per week.
- (9) "Independent person" means a person who demonstrates financial independence from parents or persons other than a spouse and who can meet the criteria established in Section 5 of this administrative regulation.
- (10) "Institution" means an entity defined in KRS 164.001(11) if the type of institution is not expressly stated and includes the Kentucky Virtual University, the Council on Postsecondary Education, and the Kentucky Higher Education Assistance Authority.
- (11) "Kentucky resident" means a determination by an institution that a person is domiciled and is a resident of Kentucky as determined by this administrative regulation.
- (12) "Nonresident" means a person who is domiciled outside of Kentucky or who currently maintains legal residence outside Kentucky or who is not a Kentucky resident within the meaning of this administrative regulation.
- (13) "Parent" means one (1) of the following:
 - (a) A person's father or mother; or
 - (b) A court-appointed legal guardian if:
 1. The guardianship is recognized by an appropriate court within the United States;
 2. There was a relinquishment of the rights of the parents; and
 3. The guardianship was not established primarily to confer Kentucky residency on the person.
- (14) "Preponderance of the evidence" means the greater weight of evidence, or evidence which is more credible and convincing to the mind.
- (15) "Residence" means the place of abode of a person and the place where the person is physically present most of the time for a noneducational purpose in accordance with Section 3 of this administrative regulation.
- (16) "Student financial aid" means all forms of payments to a student if one (1) condition of receiving the payment is the enrollment of the student at the institution.
- (17) "Sustenance" means living expenses include room, board, maintenance, transportation, and also may include educational expenses including tuition, fees, books, and supplies.

Section 2. Scope.

- (1) State-supported postsecondary education institutions were established and are maintained by the Commonwealth of Kentucky primarily for the benefit of qualified residents of Kentucky. The substantial commitment of public resources to postsecondary 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 postsecondary education shall be provided so far as feasible at reasonable cost to an individual who is domiciled in Kentucky and who is a resident of Kentucky.
- (2) The Council on Postsecondary Education may require a student who is neither domiciled in nor a resident of Kentucky to meet higher admission standards and to pay a higher level of tuition than resident students.

- (3) This administrative regulation applies to all student residency determinations regardless of circumstances, including residency determinations made by the state-supported institutions for prospective and currently-enrolled students; the Southern Regional Education Board contract spaces; reciprocity agreements, where appropriate; the Kentucky Virtual University; academic common market programs; the Kentucky Educational Excellence Scholarship Program; and other state student financial aid programs, as appropriate.

Section 3. Determination of Residency Status; General Rules.

- (1) A determination of residency shall include:
 - (a) An initial determination of residency status by an institution during the admission process or upon enrollment in an institution for a specific academic term or for admission into a specific academic program;
 - (b) A reconsideration of a determination of residency status by an institution based upon a changed circumstance; and
 - (c) A formal hearing conducted by an institution upon request of a student after other administrative procedures have been completed.
- (2) An initial determination of residency status shall be based upon:
 - (a) The facts in existence when the credentials established by an institution for admission for a specific academic term have been received and during the period of review by the institution;
 - (b) Information derived from admissions materials;
 - (c) Other materials required by an institution and which are consistent with this administrative regulation; or
 - (d) Other information available to the institution from any source.
- (3) An individual seeking a determination of Kentucky residency status shall demonstrate that status by a preponderance of the evidence.
- (4) A determination of residency status shall be based upon verifiable circumstances or actions.
- (5) Evidence and information cited as the basis for Kentucky domicile and residency shall accompany the application for a determination of residency status.
- (6) A student classified as a nonresident shall retain that status until the student is officially reclassified by an institution.
- (7) A student may apply for a review of a determination of residency status once for each academic term.
- (8) If an institution has information that a student's residency status may be incorrect, the institution shall review and determine the student's correct residency status.
- (9) If the Council on Postsecondary Education has information that an institution's determination of residency status for a student may be incorrect, it may require the institution to review the circumstances and report the results of that review.
- (10) An institution shall impose a penalty or sanction against a student who gives incorrect or misleading information to an institutional official, including payment of nonresident tuition for each academic term for which resident tuition was assessed based on an improper determination of residency status. The penalty may also include:
 - (a) Student discipline by the institution through a policy written and disseminated to students; or
 - (b) Criminal prosecution.

Section 4. Presumptions Regarding Residency Status.

- (1) In making a determination of residency status, it shall be presumed that a person is a nonresident if:
 - (a) A person is, or seeks to be, an undergraduate student and admissions records show the student to be a graduate of an out-of-state high school within five (5) years prior to a request for a determination of residency status;
 - (b) A person's admission records indicate the student's residence to be outside of Kentucky at the time of application for admission;
 - (c) A person moves to Kentucky primarily for the purpose of enrollment in an institution;
 - (d) A person moves to Kentucky and within twelve (12) months at an institution more than half time; or
 - (e) A person has a continuous absence of one (1) year from Kentucky.
- (2) A presumption arising from subsection (1) of this section shall be overcome by presentation of evidence that is sufficient to demonstrate that a person is domiciled in and is a resident of Kentucky.

Section 5. Determination of Whether a Student is Dependent or Independent.

- (1) In a determination of residency status, an institution shall first determine whether a student is dependent or independent. This provision is predicated on the assumption that a dependent person lacks the financial ability to live independently of the person upon whom the student is dependent and therefore lacks the ability to form their requisite intent to establish domicile.
- (2) In determining the dependent or independent status of a person, the following information shall be considered as well as other relevant information available at the time the determination is made:
 - (a)
 1. Whether the person has been claimed as a dependent on the federal or state tax returns of a parent or other person for the year preceding the date of application for a determination of residency status; or
 2. Whether the person is no longer claimed by a parent or other person as a dependent or as an exemption for federal and state tax purposes; and
 - (b) Whether the person has financial earnings and resources independent of a person other than an independent spouse necessary to provide for the person's own sustenance.
- (3) An individual who enrolls at an institution immediately following graduation from high school and remains enrolled shall be presumed to be a dependent person unless the contrary is evident from the information submitted.
- (4) Domicile may be inferred from the student's permanent address, parent's mailing address, or location of high school of graduation.
- (5) Marriage to an independent person domiciled in and who is a resident of Kentucky shall be a factor considered by an institution in determining whether a student is dependent or independent.
- (6) Financial assistance from or a loan made by a parent or family member other than an independent spouse, if used for sustenance of the student:
 - (a) Shall not be considered in establishing a student as independent; and
 - (b) Shall be a factor in establishing that a student is dependent.

Section 6. Effect of a Determination of Dependent Status on a Determination of Residency Status.

- (1) The effect of a determination that a person is dependent shall be:
 - (a) The domicile and residency of a dependent person shall be the same as either parent. The domicile and residency of the parent shall be determined in the same manner as the domicile and residency of an independent person.
 - (b) The domicile and residency of a dependent person whose parents are divorced, separated, or otherwise living apart shall be Kentucky if either parent is domiciled in and is a resident of Kentucky regardless of which parent has legal custody or is entitled to claim that person as a dependent pursuant to federal or Kentucky income tax provisions.
- (2) (a) If the parent or parents of a dependent person are Kentucky residents and are domiciled in Kentucky but subsequently move from the state, the dependent person shall be considered a resident of Kentucky while in continuous enrollment at the degree level in which currently enrolled.
 - (b) If continuous enrollment is broken or the current degree level is completed, the dependent person's residency status shall be reassessed when the circumstances detailed in subparagraph 1 of this paragraph are present.

Section 7. Member of Armed Forces of the United States, Spouse and Dependents; Effect on a Determination of Residency Status.

- (1) A member, spouse, or dependent of a member whose domicile and residency was Kentucky at the time of induction into the Armed Forces of the United States, and who maintains Kentucky as home of record and permanent address, shall be entitled to Kentucky residency status:
 - (a) During the time of active service; or
 - (b) If the member, spouse, or dependent returns to this state within six (6) months of the date of the member's discharge from active duty.
- (2) (a) A member, spouse or dependent of a member of the Armed Forces of the United States stationed in Kentucky on active military orders shall be considered a Kentucky resident while the member is on active duty in this state pursuant to those orders if the member is not:
 1. Stationed in Kentucky for the purpose of enrollment at an institution; or
 2. On temporary assignment of less than one (1) year.
- (b) A member, spouse or dependent of a member, shall not lose Kentucky residency status if the member is thereafter transferred on military orders while the member, spouse or dependent requesting the status is in continuous enrollment at the degree level in which currently enrolled.
- (3) Membership in the National Guard or civilian employment at a military base alone shall not qualify a person for Kentucky residency status under the provisions of subsections (1) and (2) of this section
- (4) A person's residency status established pursuant to this section shall be reassessed if the qualifying condition is terminated.

Section 8. Status of Nonresident Aliens; Visas and Immigration.

- (1) (a) A person holding a permanent residency visa or classified as a political refugee shall establish domicile and residency in the same manner as another person.
 - (b) Time spent in Kentucky and progress made in fulfilling the conditions of domicile and residency prior to obtaining permanent residency status shall be considered in establishing Kentucky domicile and residency.
- (2) A person holding a nonimmigrant visa with designation A, E, G, H-1, H-4 if accompanying a person with an H-1 visa, I, K, L, N, R, shall establish domicile and residency the same as another person.
- (3) (a) An independent person holding a nonimmigrant visa with designations B, C, D, F, H-2, H-3, H-4 if accompanying a person with an H-2 or H-3 visa, J, M, , O, P, Q, S, TD or TN shall not be classified as a Kentucky resident, because that person does not have the capacity to remain in Kentucky indefinitely and therefore cannot form the requisite intent necessary to establish domicile within the meaning of this administrative regulation.
 - (b) A dependent person holding a visa as described in paragraph (a) of this subsection, but who is a dependent of a parent holding a visa as described in subsection (2) of this section, shall be considered as holding the visa of the parent.
 - (c) A dependent person holding a visa described in subsection (2) of this section or paragraph (a) of this subsection, if a parent is a citizen of the United States and is a resident of and domiciled in Kentucky, shall be a resident of Kentucky for the purposes of this administrative regulation.
- (4) A person shall be a Kentucky resident for the purpose of this administrative regulation if the person graduated from a Kentucky high school and:
 - (a) Is an undocumented alien;
 - (b) Holds a visa listed in subsections (2) or (3) (a) of this section; or
 - (c) Is a dependent of a person who holds a visa listed in subsections (2) or (3) (a) of this section.
- (5) (a) Except as provided in paragraph (b) of this subsection, a person who has petitioned the federal government to reclassify visa status shall continue to be ineligible until the petition has been decided by the federal government.
 - (b) A person who has petitioned the federal government to reclassify visa status based on a marriage to a Kentucky resident and who can demonstrate that the petition has been filed and acknowledged by the federal government, may establish Kentucky domicile and residency at that time.

Section 9. Beneficiaries of a Kentucky Educational Savings Plan Trust.

A beneficiary of a Kentucky Educational Savings Plan Trust shall be granted residency status if the beneficiary meets the requirements of KRS 164A.330(6).

Section 10. Criteria Used in a Determination of Residency Status.

- (1) A determination of Kentucky domicile and residency shall be based upon verifiable circumstances or actions. A single fact shall not be paramount, and each situation shall be evaluated to identify those facts which are essential to the determination of domicile and residency.

- (2) The following facts, although not conclusive, shall have probative value in their entirety and shall be individually weighted, appropriate to the facts and circumstances in each determination of residency;
- (a) Acceptance of an offer of full-time employment or transfer to an employer in Kentucky or contiguous area while maintaining residence and domicile in Kentucky;
 - (b) Continuous physical presence in Kentucky while in a nonstudent status for the twelve (12) months immediately preceding the start of the academic term for which a classification of Kentucky residency is sought;
 - (c)
 1. Filing of Kentucky resident income tax return for the calendar year preceding the date of application for a change in residency status; or
 2. Payment of Kentucky withholding taxes while employed during the calendar year for which a change in classification is sought;
 - (d) Full-time employment of at least one (1) year while living in Kentucky;
 - (e) Attendance as a full-time, nonresident student at an out-of-state institution based on a determination by that school that the person is a resident of Kentucky;
 - (f) Abandonment of a former domicile or residence and establishing domicile and residency in Kentucky with application to or attendance at an institution following and incidental to the change in domicile and residency;
 - (g) Obtaining licensing or certification for a professional and occupational purpose in Kentucky;
 - (h) Payment of real property taxes in Kentucky;
 - (i) Ownership of real property in Kentucky, if the property was used by the student as a residence preceding the date of application for a determination of residency status;
 - (j) Long-term lease of at least twelve (12) consecutive months of noncollegiate housing;
 - (k) Marriage of an independent student to a person who was domiciled in and a resident of Kentucky prior to the marriage;
 - (l) Continued presence in Kentucky during academic breaks; and
 - (m) The extent to which a student is dependent on student financial aid in order to provide basic sustenance.
- (3) Except as provided in subsection (4) of this section, the following facts, because of the ease and convenience in completing them, shall have limited probative value in a determination that a person is domiciled in and is a resident of Kentucky:
- (a) Kentucky automobile registration;
 - (b) Kentucky driver's license; and
 - (c) Registration as a Kentucky voter.
- (4) The absence of a fact contained in subsection (3) of this section shall have significant probative value in determining that a student is not domiciled in or is not a resident of Kentucky.
- (5) A person shall not be determined to be a Kentucky resident by the performance of an act which is incidental to fulfilling an educational purpose or by an act performed as a matter of convenience. Mere physical presence in Kentucky, including living with a relative or friend, shall not be sufficient evidence of domicile and residency. A person shall respond to all information requested by an institution.

Section 11. Effect of a Change in Circumstances on Residency Status.

- (1) If a person becomes independent or if the residency status of a parent or parents of a dependent person changes, an institution shall reassess residency either upon a request by the student or a review initiated by an institution.
- (2) Upon transfer to a Kentucky institution, a student's residency status shall be reassessed by the receiving institution.
- (3) A reconsideration of a determination of residency status for a dependent person shall be subject to the provisions for continuous enrollment, if applicable.

Section 12. Student Responsibilities.

- (1) A student shall report under the proper residency classification which includes the following actions:
 - (a) Raising a question in a timely manner concerning residency classification;
 - (b) Making application for change of residency classification in a timely manner with the designated office or person at the institution; and
 - (c) Notifying the designated office or person at the institution immediately upon a change in residency.
- (2) If a student fails to notify an institutional official of a change in residency, an institutional official may investigate and evaluate the student's current residency status.
- (3)
 - (a) If a student fails to provide, by the date specified by the institution, information required by an institution in a determination of residency status, the student shall be notified by the institution that the review has been canceled and that a determination has been made.
 - (b) Notification shall be made by registered mail, return receipt requested.
 - (c) Notification shall be made within ten (10) calendar days after the deadline for receipt of materials has passed.
- (4) A student shall not be entitled to appeal a determination of residency status if the determination made by an institution is made because a student has failed to meet published deadlines for the submission of information as set forth in subsection (3) of this section. A student may request a review of a determination of residency status in a subsequent academic term.

Section 13. Institutional Responsibilities. Each institution shall:

- (1) Provide for an administrative appeals process that includes a residency appeals officer to consider student appeals of an initial residency determination and which shall include a provision of fourteen (14) days for the student to appeal the residency appeals officer's determination;
- (2) Establish a residency review committee to consider appeals of residency determinations by the residency appeals officer. The residency review committee shall make a determination of student residency status and notify the student in writing within forty-five (45) days after receipt of the student appeal;
- (3) Establish a formal hearing process as described in Section 14 of this administration regulation; and
- (4) Establish written policies and procedures for administering the responsibilities established in subsections (1), (2), and (3) of this section and that are:
 - (a) Approved by the institution's governing board;
 - (b) Made available to all students; and
 - (c) Filed with the council.

- (2) If a request for a formal hearing is received, an institution shall appoint a hearing officer to conduct a formal hearing. The hearing officer:
 - (a) Shall be a person not involved in determinations of residency at an institution except for formal hearings; and
 - (b) Shall not be an employee in the same organizational unit as the residency appeals officer.
- (3) An institution shall have written procedures for the conduct of a formal hearing that have been adopted by the board of trustees or regents, as appropriate, and that provide for:
 - (a) A hearing officer to make a recommendation on a residency appeal;
 - (b) Guarantees of due process to a student that include:
 1. The right of a student to be represented by legal counsel; and
 2. The right of a student to present information and to present testimony and information in support of a claim of Kentucky residency.
 - (c) A recommendation to be issued by the hearing officer.
- (4) An institution's formal hearing procedures shall be filed with the Council on Postsecondary Education and shall be available to a student requesting a formal hearing.

Section 15. Cost of Formal Hearings.

- (1) An institution shall pay the cost of all residency determinations including the cost of a formal hearing.
- (2) A student shall pay for the cost of all legal representation in support of the student's claim of residency. (17 Ky.R. 2557; eff. 4-5-91; Am. 22 Ky.R. 1656; 1988; eff. 5-16-96; 23 Ky.R. 3380; 3797; 4099; eff. 6-16-97; 24 Ky.R. 2136; 2705; 25 Ky.R. 51; eff. 7-13-98; 25 Ky.R. 2177; 2577; 2827; eff. 6-7-99; 749; 1238; eff. 11-12-2002.)

Residency Appeals Policy and Procedures

1. BASIS FOR RESIDENCY CLASSIFICATION

The Commonwealth of Kentucky has established a process and corresponding criteria for the determination of residency classification for students seeking admission to, or enrolled in, public institutions of higher education. The Council on Postsecondary Education (hereinafter referred to as "CPE") has established Kentucky Administrative Regulation 13 KAR 2:045 (hereinafter referred to as "the Regulation") to be followed by all public institutions of higher education in the Commonwealth concerning residency classification. As well as being published in the current *Undergraduate Catalog*, this Regulation can be found in the current *Graduate Catalog* and copies are available upon request from the Office of Admissions, located in Student Services Building, Room 112 or by calling (859) 622-2106 or 1-800-465-9191.

2. INSTITUTIONAL ADMINISTRATION OF THE RESIDENCY POLICY

The CPE authorizes each institution to establish a procedure for the determination of residency classification based upon the Regulation.

2.1 Office of Admissions

The Office of Admissions, Student Services Building, Room 112, CPO 54, 521 Lancaster Avenue, Richmond, KY 40475-3154, at Eastern Kentucky University serves as the coordinating office for institutional implementation of the Regulation. Instructions for filing applications for reclassification and copies of the Regulation are available in this office. Also, Admissions staff members are available to answer questions regarding policy and procedures.

2.2 Initial Classification

The initial determination of residency status is made by the University based upon the credentials submitted by an applicant for admission to the University in accordance with the Regulations.

2.3 Appeal of Residency Status

Once an initial classification of residency is made by the Office of Admissions, it is the student's responsibility to initiate an appeal of such classification. Request for reclassification must be filed with the Office of Admissions **NO LATER THAN 30 CALENDAR DAYS** after the first full day of classes of the fall or spring academic term for which reclassification is sought or not later than ten (10) calendar days after the first day of class for the summer term. Request for reclassification are to be made in affidavit form on the form available from the Office of Admissions. A student may apply only once during an academic term. A student classified as a non-resident will retain that status until a change is brought about by successful appeal. If an appeal results in a change of classification, the change will not be effective earlier than the semester during which the appeal is filed. If a student is initially classified non-resident but does not enroll the semester for which the student originally applied, the residency classification will be reassessed for subsequent semesters.

2.4 Affidavit (Application for Reclassification)

Affidavits will not be accepted unless the form is fully completed, properly signed and notarized. In no case will a decision be granted without an affidavit and all required supporting documentation.

2.5 Documentation

Because of the variety of factors related to establishing residency for tuition purposes, the number of documents required to complete an appeal may vary from case to case. In all cases, the University may require certification of authenticity of documents. It is the appealing student's responsibility to provide sufficient documentation to clarify circumstances related to the appeal. In all cases, circumstances related to establishing domicile must be verifiable.

2.6 Review of the residency file by the Residency Appeals Officer

A Residency Appeals Officer designated by the University shall review the affidavit and documentation and notify the student, in writing, within fourteen (14) days of making a determination. Students who do not agree with the Residency Appeals Officer's determination may appeal his/her residency status to the University's Residency Review Committee within fourteen (14) days of the Residency Appeals Officer's determination.

3. UNIVERSITY RESIDENCY REVIEW COMMITTEE

Pursuant to the Regulation, Eastern Kentucky University has a Residency Review Committee (hereinafter referred to as the "Committee") to review and evaluate student affidavits for reclassification and to consider changes in the residency classification.

3.1 Timely Appeal

The Student must notify the Residency Appeals Officer in writing, if he or she wishes his/her case to be reviewed by the Committee, within fourteen (14) calendar days after notification of the Residency Appeals Officer's determination. The Residency Appeals Officer shall immediately forward the request and the student's residency file to the Chair of the Committee.

3.2 Committee Membership

The Residency Review Committee shall be comprised of three members: the Associate Vice President for Enrollment Management; a member of the Faculty-at-Large, who shall be appointed annually by the Faculty Senate; and a member of the student body, who shall be appointed by the Office of the Vice President for Student Affairs from a list of students recommended by the Student Association.

3.3 Determination of the Committee

The Committee shall issue a written decision citing the section of the Regulation on which the decision is based. The Committee may vote to defer a case for additional documentation, or the Committee may make a decision contingent upon conditions prescribed by the Committee. The Chair of the Committee will then determine when and whether contingencies are met.

3.4 Notification of Decision

The Committee shall make a determination of student residency status and notify the student, in writing, within forty-five (45) days after receipt of the student appeal. Decisions denying appeals are communicated to the student by certified mail, return receipt requested. In all cases where the Committee reaches a determination granting in-state residency status, copies of the letter of notification will be sent to the Office of Admissions, Billings and Collections, the Registrar's Office, and Student Financial Assistance.

4. REQUEST FOR FORMAL HEARING

Pursuant to the Regulation, the University shall provide a formal hearing in the event a student wishes to appeal the determination of the Residency Review Committee.

4.1 Timely Request

A student who wishes to appeal the determination of the Committee shall be granted a formal hearing by the University if the student notifies the Office of the Associate Vice President for Enrollment Management, Student Services Building, Room 340, CPO 63, Richmond, KY 40475-3163, in writing, within fourteen (14) calendar days after notification of the Residency Review Committee's determination. The Associate Vice President for Enrollment Management shall immediately forward the request and the student's residency file to the Office of the President.

4.2 The Hearing Officer

Upon receipt of a request for a formal hearing, the University President shall appoint a Hearing Officer to conduct the hearing. The Hearing Officer shall not be a person involved in determinations of residency at a public institution of higher education in Kentucky (including the Kentucky Commonwealth Virtual University) and shall not be an employee of the same organizational unit as the Residency Appeals Officer.

4.3 Formal Hearing Procedures

The hearing shall be conducted in accordance with the following procedures:

4.3.1. Notice of Hearing

4.3.1.a. The University shall conduct the hearing as soon as practicable and shall give notice of the hearing to the parties not less than twenty (20) days in advance of the date set for the hearing. A reasonable effort shall be made to schedule the hearing on a date that is convenient to all parties involved.

4.3.1.b. The hearing notice shall be served on all parties by certified mail, return receipt requested, to the last known addresses of the parties, or by personal service.

4.3.1.c. The notice shall be in plain language and shall include:

- the date, time and place of the hearing;
- the name, official title, and mailing addresses of the Hearing Officer;
- the names, official titles, mailing addresses, and, if available, telephone numbers of all parties involved in the hearing, including the counsel or representative of the University; and
- a statement advising the student of his/her right to legal counsel.

4.3.2. Hearing Procedure

4.3.2.a. The Hearing Officer shall conduct the hearing and all related proceedings in a manner which will promote the orderly and prompt conduct of the hearing.

4.3.2.b. To the extent necessary for the full disclosure of all relevant facts and issues, the Hearing Officer shall give all parties the opportunity to respond, present evidence and argument, conduct cross-examination, and submit rebuttal evidence.

4.3.2.c. Any party to the hearing may participate in person or be represented by counsel. A student shall pay for the cost of all legal representation in support of the student's claim or residency. Legal counsel for the student must file a notice of appearance with the Hearing Officer prior to the date of the hearing.

4.3.2.d. The Hearing Officer may conduct all or part of the hearing by telephone, television, or other electronic means, if each party to the hearing has an opportunity to hear, and if technically feasible, to see the entire proceeding as it occurs, and if each party agrees.

4.3.2.e. The hearing shall be open to the public unless specifically closed pursuant to a provision of law. If the hearing is conducted by telephone, television, or other electronic means, and is not closed, public access shall be satisfied by giving the public an opportunity, at reasonable times, to hear or inspect the University's records.

4.4 Findings of Fact; Evidence; Recording of Hearing; Burden of Proof

4.4.1. Findings of fact shall be based exclusively on the evidence on the record.

4.4.2. All testimony shall be made under oath or affirmation.

4.4.3. Objections to evidence presented may be made by any party and shall be noted in the record.

4.4.4. The University shall be responsible for having all testimony, motions and objections in a hearing accurately and completely recorded.

Any person, upon request, may receive a copy of the recording or a copy of the transcript, if the hearing has been transcribed, at the discretion of the University, unless the hearing is closed by law. The University may prepare a transcript of a hearing or a portion of a hearing upon request but the party making the request shall be responsible for the transcription costs. The form of all requests and fees charged shall be consistent with KRS 61.870 to 61.884.

4.4.5. Unless otherwise provided by state or federal law, the student appealing the residency decision has the burden of proving the student's right to having his/her residency status changed. The student has the ultimate burden of proof of persuasion as to this issue to be shown by a preponderance of evidence in the record. Failure to meet the burden of proof is grounds for a recommended order from the Hearing Officer.

4.5 Prohibited Communications

4.5.1. The Hearing Officer shall not communicate off the record with any party to the hearing or any other person who has a direct or indirect interest in the outcome of the hearing, concerning any substantive issue, while the hearing is pending.

4.6. Recommended Order

4.6.1. The Hearing Officer shall complete and submit to the University President, no later than sixty (60) days following receipt of the student's residency file, a written recommended order which shall include the Hearing Officer's findings of fact, conclusion of law, and recommended disposition of the hearing.

4.6.2. A copy of the Hearing Officer's recommended order shall also be sent to each party in the hearing. Each party shall have fifteen (15) days from the date the recommended order is mailed within which to file exceptions to the recommendations with the University President. The recommended order may be sent by regular mail to the last known address of the party.

4.7. Final Order

4.7.1. In making the final order, the University President shall consider the record including the recommended order and any exceptions filed by, or on behalf of, the student.

4.7.2. The University President may accept the recommended order of the Hearing Officer and adopt it as the University's final order, or he or she may reject or modify, in whole or in part, the recommended order, or he or she may send the matter, in whole or in part, back to the Hearing Officer for further proceedings as appropriate.

4.7.3. The final order shall be in writing. If the final order differs from the recommended order, it shall include separate statements of findings of fact and conclusions of law.

4.7.4. The University President shall render a final order within thirty (30) days after receipt of the recommended order unless the matter is sent back to the Hearing Officer for further proceedings.

4.7.5. A copy of the final order shall be transmitted to each party or to his/her attorney of record by certified mail, return receipt requested, sent to the last known address of the parties, or by personal service. A copy of the final order shall also be sent to the Office of Admissions, Billings and Collections, the Registrar's Office, and Student Financial Assistance.

5. RECORDS

All official files and materials relating to a student's appeal of an initial residency determination shall be returned to the Office of Admissions to be placed with the application for admissions at whatever point in the process the appeals procedure is terminated.

SECTION THREE

Student Support and Services

**OFFICE OF FINANCIAL AFFAIRS AND
TREASURER**

The Office of Financial Affairs and Treasurer coordinates the following areas of University operations: 1) accounting and financial services, 2) billings and collections, 3) human resources, and 4) purchases and stores.

Students may view the mission statement of each of the above areas by visiting the Office of Financial Affairs and Treasurer web page www.financialaffairs.eku.edu.

Financial Obligations of the Student

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 Division of Billings and Collections and explaining the reasons for failure to pay. Students who fail to pay their account balance in a timely manner may also be liable for additional collection costs incurred by the University in collecting the amount owed.

Refund Policy

No refund can be made on certain class fees and optional fees as established by the Eastern Kentucky University Board of Regents. Students wishing to withdraw from courses must do so online via **EKUDirect** (on the EKU homepage at www.eku.edu). When a student officially withdraws from the University or from any course, or courses, for which hourly rates apply, tuition and fees will be adjusted in the following manner:

<u>Time Period*</u>	<u>Refund</u>
During ADD/DROP period for any class (for full semester classes=1st week)	100%
From end of 1st week thru end of 2nd week of class	75%
From end of 2nd week thru end of 3rd week of class	50%
From end of 3rd week thru end of 4th week of class	25%
After the 4th week of class	0%

*Partial semester courses vary in length and the percentage of refunds and the effective dates will be modified accordingly.

This policy applies to refundable fees only; non-refundable fees are not included.

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 students and/or parent(s) of students who feel that individual circumstances warrant exceptions from published policy. Request for an appeal should be addressed to the Director of Billings and Collections.

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.

DIVISION OF STUDENT AFFAIRS

The Division of Student Affairs coordinates the following departments involving student operations and participation: 1) Career Services, 2) Campus Recreation/Intramural Sports, 3) Counseling Services, 4) Dean of Students, 5) Dining Services, 6) First Year Programs, 7) Greek Affairs, 8) Mediation Center, 9) Meditation Chapel, 10) Multi-Cultural Student Affairs, 11) Public Safety and Parking Services, 12) Student Health Services, 13) Student Leadership and Involvement, 14) Student Life, 15) University Bookstore, 16) University Housing, and 17) Volunteerism.

Students may participate in a wide variety of programs providing a holistic experience in and out of the classroom. Student Affairs encourages students to enhance their college experience by offering leadership programs to aid in becoming responsible citizens of communities, citizens of democracy, and professional people. Immediate emphasis is directed towards those activities which assist students in attaining a maximum personal, social and academic growth in a stimulating environment.

Campus Recreation/ Intramural Sports

The Office of Campus Recreation offers a variety of recreational opportunities for the entire University community. In the new student recreation center, which will be open approximately 100 hours per week, one will be able to work-out in a state of the art fitness center, participate in numerous group exercise classes, play basketball and volleyball in the gyms, exercise on the indoor track, or relax in the lounge. Intramural leagues are offered in the following sports: Flag Football, Soccer, Volleyball, Basketball, and Softball. Campus Recreation also offers many individual/dual sport activities and special events. The Burke Wellness Center is conveniently located in the heart of campus, and the outdoor basketball courts remain action packed during the Spring, Summer, and Fall. There are usually 5-10 active sport clubs during any given year.

Many departments on campus contribute to the promotion of healthy lifestyles. Other facilities available to the student body include: an outdoor track, a wood chip trail, a ropes course, several tennis courts, two swimming pools, and the University Golf Course. Feel free to contact us at (859) 622-1244 for additional information.

Career Services (www.career.eku.edu)

Career Services 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, Career Services can help by providing information on: career opportunities, destinations of past graduates, careers by major, supply and demand, salaries, and potential employers. FOCUS, an online career planning/job search skill development tool, is available to help students explore their interests and provide information on occupations and graduate schools.

Career Services assists students and alumni develop job search tools including resumes, cover letters, job campaign strategies, internet job searching, professional dress, dining etiquette and interviewing. In addition to the web site, help is available via seminars, handouts, mock interviews and individual appointments.

Students can use Career Services to connect with jobs both while in school (part-time, internships, summer) and for professional employment following graduation. Jobs (local, regional and national) and employer contacts are posted daily on EKU eRecruiting at the Career Services web site. Students and alumni can also post their resume and create search agents to push targeted opportunities to their email accounts. Career/job fairs are conducted throughout the year for exploring opportunities and networking with employers. Employers interview on-campus during the fall and spring.

Information on Career Services is available at www.career.eku.edu or by calling (859) 622-1568.

The Chapel of Meditation

The Chapel of Meditation is non-sectarian 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 Chaplain's office is located in the basement of the Chapel. The Chaplain is available to perform weddings. The Chaplain coordinates the various activities of the Chapel.

Counseling Center

The University Counseling Center offers services designed to promote the success of students in achieving their academic, social and personal goals. The Counseling Center staff consists of psychologists and counselors who provide personal and career counseling both individually and in groups. Substance abuse assessment and counseling are also available at the Counseling Center. Referral services are provided when the need is beyond the role and scope of the Counseling Center.

The Career Counseling Seminar (GCS 199-one credit hour) is offered each semester for students who are unsure of their majors. Forty sections are offered each year and are taught by the Counseling Center staff. Another one-hour course entitled "Interpersonal Effectiveness Seminar" (GCS 198) is also offered for the development of assertiveness and effective interpersonal skills.

Counseling relationships are considered confidential as delineated by the APA Code of Ethics and Kentucky state law. An appointment with a counselor is made by calling (859) 622-1303 or dropping by the Center. In case of a psychological emergency after hours, call 1-800-928-8000. Any currently enrolled student is eligible for counseling services at no additional cost. The Counseling Center web site is www.counseling.eku.edu. The Counseling Center is located in the Student Services Building, Room 571.

Living Accommodations

University Housing is dedicated to providing a variety of housing options that best meet the needs of all EKU students. The residence halls are living-learning environments dedicated to best supporting students' ability to live, learn, work, and play while attending EKU. Higher education research indicates that students

living on campus acclimate to college at a quicker rate, are more involved with organizations, and perhaps more importantly, achieve well academically.

All single, full-time undergraduate students under the age of 21 prior to the first day of classes, or having fewer than 60 credit hours are required to live in University residence hall facilities. Exception is made for students residing with their parent(s) at their parent's principle residence within 50 miles of the Richmond campus. Students requesting commuter status must complete a Commuter Application through University Housing.

The first step to apply for a residence hall room is to be admitted to the University. Second, a housing application/contract must be completed and returned with deposit to: Office of Financial Affairs, Division of Billings and Collections, CPO 60, Student Services Building 210, Eastern Kentucky University, 521 Lancaster Avenue, Richmond, KY 40475-3160.

Students must occupy their assigned room by 5:00 p.m. on the day prior to the first day of classes, or the assigned space will be released and the deposit forfeited. Exceptions are made for students who notify the University Housing Office of their intention to occupy their space as a late arrival. Payment for the assigned space is paid by semester and is due and payable in compliance with the billing policy.

The Mediation Center

The University Mediation Center offers free services designed to assist students in resolving conflicts. Two services are offered by the Mediation Center: Mediations and Conflict Management Workshops. These services are available to any student registered for classes at Eastern Kentucky University. All services are confidential.

To schedule mediation or a workshop, call the Mediation Center at (859) 622-1320 or visit the office in the Student Services Building, Room 519.

Multicultural Student Affairs

The Office of Multicultural Student Affairs seeks to bring issues of cultural identity to the foreground of campus conversation through programs and services. As a department within the Division of Student Affairs, this office serves all students as they question personal and collective notions of race, ethnicity, and culture. Multicultural Student Affairs hopes to enhance the student experience by encouraging the utilization of campus resources, participation in campus life, and understanding cultural differences. Multicultural Student Affairs is located in the Powell Building, Room 136. The office phone number is (859) 622-4373.

Student Events and Activities

EKU students have the opportunity to participate in a variety of leisure time activities. The Student Activities Council arranges a variety of social activities for the benefit of Eastern Kentucky University students. First Weekend, Homecoming, Springfest, and the President's Ball are just a few events sponsored by the Student Activities Council and the Office of Student Life. These events may include activities such as movies, dances, concerts, comedians, and game shows. In addition, Thursday Alternative Getaways are offered as substance free social options for students to enjoy on Thursday nights.

Student Health Services

The Student Health Services (SHS) offers primary medical care to students of the University. Services are available by appointment from 8:00 a.m. to 5:00 p.m., Monday, Wednesday, and Thursday, 8:00 a.m. to 6:00 p.m. on Tuesday, and 8:00 a.m. to 4:30 p.m. on Friday. Health care includes some 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. Students with illness requiring hospitalization will be referred to Pattie A. Clay Hospital, or if possible, to their family physicians for hospitalizations in their home community.

All new students must fill out a medical history form at the time of the first SHS visit. This becomes part of the student's health records which are kept confidential at the SHS and are necessary to provide the proper medical care for students seen at the facility.

Student Identification Card

When a first-time student registers at Eastern Kentucky University, the student is given a combination identification-activity card bearing the student's photograph and student identification number. 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 withdrawing 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 I.D. card is lost. The loss of a card must be reported immediately to the Office of Student Life, Powell Student Center, Room 128.

Student Involvement

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 form an intrinsic part of an educational experience that provides academic, social, and religious familiarity to all Eastern Kentucky University students. Our student organizations offer varied activities to encompass the interests of all EKU students. Our 170+ student organizations fall into the following categories: activity/interest, club sports, departmental, honor, religious, residence halls, service, social fraternities and social sororities.

Student Leadership

The Office of Student Life provides numerous activities to EKU students, which are known for their fun and entertainment! However, the Office of Student Life also provides unique educational sessions to help you inside and outside the classroom. Look for upcoming leadership sessions or contact the Office of Student Life, 128 Powell Student Center, for further information.

Volunteerism

The Coordinator for Volunteerism is responsible for planning several University wide service projects as well as serving as liaison to other community service events throughout Madison

County. The Coordinator for Volunteerism currently serves as the Director of Madison County's Promise, an organization that allows EKU students ample volunteer and service-learning opportunities. Students may sign up on the volunteerism list-serv to learn about opportunities to serve throughout the Richmond and surrounding communities. Call (859) 622-2052 to sign up. (Website coming soon!)

STUDENT SERVICES**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-degree 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 four states and Washington, D.C.; offering alumni tours at reduced fares; publishing the EKU Today three times per year; 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.

Computer and Related Resources

ITDS (Information Technology and Delivery Services) provides technology laboratories for student use in numerous campus locations including a small cluster in each residence hall. Over 400 state-of-the-art computers are available for student use, many 24 hours per day. All locations provide laser printing, some in color. Assistance with computer-related projects and assignments is available in our staffed labs - Crabbe Library, Combs Classroom Building, and the Student Services Building.

ITDS Helpdesk provides information and solutions to computer-related problems. Please call (859) 622-3000 or come to Combs Classroom Building Room 207 to contact a Consultant.

The EKU Computer Store, conveniently located in the Student Services Building, sells technology-related equipment (computers, printers, cameras, and accessories) and software at academic discount pricing. The store also provides a print station for digital photography, a fax machine, and CD duplication. It is open Monday through Friday from 8:30 a.m. - 4:30 p.m.

Printing Services offers assistance to students and student organizations in designing and reproducing their projects with a professional appearance. Same-day service for most projects (e.g.,

coil and spiral binding, multiple page copying, color copying, laminating, and 3-hole punching) is available at a reasonable cost. Projects can be processed from most desktop publishing and word processing software.

EKUDirect is an ITDS service that provides internet access to student records and many University business functions such as registration, bill payment, advising information, and automobile registration. Through EKUDirect, students can do business with the University anytime from anywhere.

ITDS provides e-mail and web space for personal web sites to all students. Information on how to activate your student email is available on EKU's web page <http://www.eku.edu>. Information is also available via the web about how to change/reset your password.

ITDS provides high speed internet access in all of the residence halls and free computer anti-virus software. For machines to be used in the residential halls, ITDS recommends the following:

Required Equipment

10 or 10/100 Ethernet card
Network cable (RJ45 CAT5)

Minimum Computer Requirements

Intel Compatible (Desktop/Laptop)

400 MHz Processor (Pentium, Celeron, AMD)
64 MB RAM (Windows 98SE or Me)
128MB RAM (Windows 2000 or XP)
500 MB free disk space
Windows 98SE/Me/2000/XP
CD-ROM and/or 3.5" floppy
Up-to-date virus software (highly recommended)*

Macintosh (Desktop/Laptop)

Power PC or better Processor
System 7.6.1 or higher
32 MB RAM
500 MB free disk space
CD-ROM and/or 3.5" floppy
Up-to-date virus software (highly recommended)*

*May be downloaded free from EKU once connected to ResNet.

In support of student learning, seven computer classroom laboratories maintained by ITDS are available for reservation by instructors to enhance the classroom experience of their students. ITDS is responsible for the BlackBoard Online Learning System used by many of our instructors to enhance the student learning experience with web-related teaching, messaging, and testing.

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 other 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 Eastern Kentucky University Office of Veterans Affairs. For information concerning tutorial assistance or refresher courses, contact the Office of Veterans Affairs at Eastern Kentucky University in the Student Services Building, Room 251.

VOCATIONAL REHABILITATION. This program offers assistance for students with physical disabilities of various kinds. The telephone number is (502) 564-7172 or toll free 1-800-372-7172. For more information about eligibility criteria call the Department of Voc Rehab at (502) 564-7172.

FELLOWSHIPS

African-American students who have been accepted to the graduate school and are 1) eligible for in-state resident fee status and 2) registered as part-time students may apply for a \$500.00 African American Graduate Fellowship through the graduate office. Awards are available for the fall and spring semesters and can be applied toward tuition, books/material and incidentals.

GRADUATE ASSISTANTSHIPS

Graduate Assistantships are offered in many academic areas to full time graduate students with outstanding academic records. Duties may include laboratory supervision, teaching, and research related tasks. Stipends are competitive and include a scholarship to cover the out-of-state portion of the tuition. Additional assistantships are available through the Office of Student Housing.

DR. RODNEY GROSS SCHOLARSHIP

The Dr. Rodney Gross Scholarship provides financial assistance to high-achieving black U.S. citizens who are residents of the Commonwealth of Kentucky as defined by the Council on Higher Education's residency-for-fees policy. Applications may be received by contacting the Office of Scholarships by phone (859) 622-8032 or via the web at www.scholarships.eku.edu.

Student Loans

The **FEDERAL PERKINS LOAN** is a 5 percent simple interest loan awarded to exceptionally needy students. This loan is made to degree seeking post-baccalaureate and graduate students. Rank I students are not eligible.

Repayment begins nine months after the student ceases to be enrolled on at least a half time basis. There are certain occupations which allow a student to cancel a percentage of the money they borrow from this program. Contact the Loan Accounts office in the Student Services Building (SSB), Room 216, for more information regarding the cancellation and deferment options. All first time Federal Perkins Loan borrowers must be enrolled for thirty (30) days before their first Perkins disbursement can be released.

The **FEDERAL SUBSIDIZED STAFFORD LOAN PROGRAM** is a need based program available to students who are enrolled at least half time. This loan is for degree seeking graduate students and post-baccalaureate students. Rank I students are not eligible. The interest rate is variable. It is set each year based on the 91 day Treasury bill plus 2.5 percent. Contact the Division of Student Financial Assistance after July 1 for the current year interest rate.

The Federal Government pays the interest while the student is enrolled at least half time. A student has six months after ceasing to be enrolled as a half time student before repayment begins.

All first time Federal Stafford Loan borrowers (subsidized as well as unsubsidized) must complete entrance counseling before their loan applications can be certified. Counseling can be completed on the Web. Go to www.finaid.eku.edu and click on the KHEAA Entrance Loan Counseling link.

It is important for you to remember that beginning July 1, 1999, the University has three (3) business days to disburse all electronic Federal Stafford Loan proceeds. Any funds NOT disbursed within that time frame HAVE to be returned to your lender. It is the student's responsibility to know when the three (3) days have elapsed.

The **FEDERAL UNSUBSIDIZED STAFFORD LOAN PROGRAM** is not based on need. It has the same interest rate as the Federal Subsidized Stafford Loan Program, but the student is responsible for paying the interest on this loan.

Graduate students may borrow up to \$8500 subsidized and \$10,000 unsubsidized per academic year. The actual loan amount will depend on the amount of other educational resources.

Keep in mind that the unsubsidized Stafford and the subsidized Stafford Loans combined cannot exceed the student's cost of education minus all other student financial assistance.

***Each annual loan limit is for one award year (12 month period; i.e., fall, spring, and summer).**

To apply for a Federal Subsidized or Unsubsidized Stafford Loan, all students must complete a Free Application for Federal Student Aid. Division of Student Financial Assistance will certify the loan and electronically submit the information to Kentucky Higher Education Assistance Authority (KHEAA). If the student has a signed Master Promissory Note (MPN) on file at KHEAA, the loan funds will be sent to Eastern Kentucky University on the specified disbursement dates. If the student does not have a signed MPN on file at KHEAA, an MPN will be mailed to the student from KHEAA (with instructions).

Post-Baccalaureate Students - Students returning to work on a second undergraduate degree are not automatically eligible for the senior annual loan limit of \$5,500. Each student must submit documentation which indicates how many hours that student has toward the second degree.

The **STUDENT AID SOCIETY** (Emergency Loan) program is designed to provide emergency short-term loans to students. It must be repaid. Students may borrow a small amount of money on a personal note at a legal rate of interest for a one month period. Money is made available through contributions of the University, alumni, private organizations and many individual friends of the University.

You must be enrolled as a full time student, have a 2.0 ("C") overall grade point average and a good credit rating. All students are eligible to apply for these short-term loans regardless if they are receiving other forms of financial aid. An application form obtained from the Loan Accounts Office in the Student Services Building, room 216 must be completed. Allow at least two days for processing.

The loan must be repaid within four weeks and you are charged an interest rate of 6 percent or \$2 (whichever is greater). Students who have delinquent loans will have their grades sealed in the Registrar and will not be allowed to register for the next semester. Delinquent loans will be collected through a collection agency. Any additional expenses incurred in the collection of the note will be added to the student's repayment.

Office of Services for Individuals with Disabilities

The Office of Services for Individuals with Disabilities assists students, faculty and staff with disabilities by coordinating campus and program accessibility as well as providing support in the attainment of educational and work goals. The Assistant Director and Coordinator of the Disabilities Office, is located in the Student Services Building, room 361. Appointments are made by calling (859) 622-2933 (V/TDD) or coming to SSB, 361.

Individuals seeking services are required to provide the appropriate Coordinators with current disability documentation. Guidelines for documenting a disability are available at the office and on the office web site, <http://www.disabled.eku.edu>. Services are determined on an individual basis and may include but are not limited to: notetakers, books on tape, use of assistive technology, equipment loan, building accessibility information, academic/test accommodations, handicapped parking and individual appeal cases.

Applications for **Project Success**, a comprehensive program for students with specific learning disabilities are located in SSB, room 361. Appointments are made by calling (859) 622-2933 (V/TDD) or coming to SSB, room 361.

Office of Deaf and Hard of Hearing Services

The Office of Deaf and Hard of Hearing Services enables students who are deaf and hard of hearing to achieve their educational goals, both academic and career. The office provides and coordinates accessible services including but not limited to: notetakers, interpreters, test accommodations, use of assistive listening technology and equipment loan which afford individuals equal opportunity to attain their goals. Current disability documentation is required. Services are determined on an individual basis. A comprehensive list of services may be found on the web at <http://www.disabled.eku.edu/terpserve/>. The Interpreter Coordinator is located in Case Annex, room 207. Appointments are made by calling (859) 622-2937 (V/TDD) or coming to Case Annex, room 207.

A Transition Specialist provides services geared towards assisting deaf/hard of hearing students in achieving college success. The specialist is located in Case Annex, room 202. Appointments are made by calling (859) 622-8456 (V/TDD) or stopping by the office.

ADA/504 Coordinator

The Director/ADA/504 Coordinator is located at the Turley House, room 101. Appointments with the Coordinator are made by calling (859) 622-1500 (V/TDD). Services for Individuals with Disabilities are made available in accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Current students, faculty, staff and others interested in disability issues are invited to attend the EKU ADA Awareness and Accessibility Committee. A schedule of meetings and committee notes are available on line at <http://access.eku.edu>.

Speech-Language-Hearing Clinic

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

Diagnostic and clinical treatment services provided by the Clinic include the following:

1. Screening for speech, language, and hearing problems.
2. Assessment and treatment of articulation disorders, phonological delays, delayed or disordered language, stuttering, and voice disorders including laryngectomy. Also, assessment and treatment of speech and language problems resulting from stroke or head injury or related to learning disability, mental retardation, cerebral palsy, cleft palate, autism spectrum disorder, and emotional/behavioral disorder.
3. Identification of hearing loss, differential diagnosis for site of lesion, and aural rehabilitation services including auditory training, speech reading, and adjustment to the use of hearing aids.
4. Speech and language services to improve the use of Standard English, accent reduction, and for those speaking English as a second language.

Anyone interested in the above services should contact the Clinic Secretary at (859) 622-4444, Wallace 278, or visit the Clinic website: www.education.eku.edu/Sed/CD/clinic.htm.

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 Parking Office (859) 622-1063 or by logging on www.publicsafety.eku.edu.

During the registration period, 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 lots (Zone E) which are marked by yellow signs.

After the commencement of classes, residential hall lots (Zone B) which are marked by blue signs, are restricted to residence hall permits 24 hours per day, seven days a week. Enforcement of employee and commuter parking zone regulations begins at 2:00 a.m. Monday-Friday. Commuter permits are also valid from 4:30 p.m. to 7:00 p.m. in employee (Zone E) parking lots. The Case Lot, Jones 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 7:00 p.m., parking zone restrictions are not enforced in non-residence hall lots.

Visitors may obtain temporary permits from the Parking Office located in 400 Brockton, Monday-Friday 7:30 a.m. to 5:00 p.m. Visitor permits are also available from the Division of Public Safety located in the Brewer Building from 5:00 p.m. to 7:30 a.m., seven days a week.

Student Publications

Eastern Kentucky University provides a variety of laboratory experiences through student publications. The Student Publications Board and the Eastern Progress Advisory Board have been established to provide appropriate institutional and professional involvement in these activities. Academic and support units coordinate the institutional support of these publications, but do not govern the content. The courts have consistently held that where a tradition of student decision making exists in student publications, those publications are afforded Constitutional First Amendment protection as other publications. Concomitant with those rights, go certain responsibilities, which also accrue to the student publications. Accordingly, the responsibility for the content of the publications is that of the student editors and writers, and not Eastern Kentucky University or its Board of Regents.

The Eastern Progress, a 10,000 circulation weekly newspaper, is the official student publication of the University and all students are encouraged to take advantage of the journalism and advertising training it offers. The Progress has consistently been rated as an All American Newspaper by Associated Collegiate Press and a Medalist paper by Columbia Scholastic Press Association. Since 1987, the Progress has won 19 national awards, including four national Pacemakers and three Gold Crown awards. It was recognized as the Best All-Around Campus Newspaper by the Society of Professional Journalists in 1997 and 1998. Reach the Progress online at <http://www.easternprogress.com>.

Aurora is a magazine of student writings 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 Kentucky University student. Editions are published in the fall (online by the ENG 420 class) and spring (hard copy). Cash prizes are awarded for the best works at the time of the spring publication.

SECTION FOUR

General Academic Information

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 Graduate Education and Research including the following materials:

Application Form—Each student must submit a completed application form with all requested information provided. Forms are available online at www.eku.edu/online or upon request from the Office of Graduate Education and Research. There is a \$35 application fee.

Transcripts—One official copy 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 the official copy of their transcript be forwarded directly to the Office of Graduate Education and Research, Eastern Kentucky University, Coates CPO 5A, Richmond KY 40475-3102. **For a transcript to be “official” it must come directly from the registrar(s) office to the Office of Graduate Education and Research.** Students seeking admission must be graduates of a fully accredited four year institution of higher learning authorized to grant the baccalaureate degree.

Examination Scores: Graduate Record Examination, Miller Analogies Test, Graduate Management Admission Test, PRAXIS—All applicants for admission to degree programs must submit satisfactory official score reports from one of the following tests: (1) the general section of the Graduate Record Examination (GRE); (2) the Miller Analogies Test (MAT); (3) the Graduate Management Admissions Test (GMAT); or (4) PRAXIS at the time of application for admission to graduate studies as required by the applicant’s degree program. **Please refer to program areas for specific information on required tests.** Certain domestic students who have not had a prior opportunity to take the required test may be admitted provisionally for one semester provided they take the test during their initial semester as a graduate student. This opportunity is not available for all programs. Please refer to specific programs in this *Catalog* for this requirement. 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). Students can obtain GRE and GMAT information by visiting the Educational Testing Service at www.ets.org. Additional information for the GMAT can be found at www.mba.com. Additional information for the GRE can be found at www.gre.org. The school code for Eastern Kentucky University is 1200. If a student is in need of a fee waiver for the GRE, they should contact the Office of Graduate Education and Research. To schedule the Miller Analogies (MAT) students may contact the Office of Academic Testing at (859) 622-1281 or at www.testing.eku.edu. It is the student’s responsibility to apply for and take the examination(s) and to have the official scores sent to: The Office

of Graduate Education and Research, Eastern Kentucky University, Coates CPO 5A, 521 Lancaster Avenue, Richmond, KY 40475-3102.

Letters of Recommendation—Applicants for degree programs should solicit three letters of recommendation and request that they be mailed to the department offering the degree program as soon as possible. Certain programs may withhold admission until letters have been received. Please refer to program areas for specific requirements regarding letters of recommendation.

Application Deadlines—To provide adequate time for evaluating and processing applications for admission, some departments/colleges require materials to be submitted well in advance of the start of the academic term when attendance is planned. Please check with the department/college sponsoring the program in which you have interest to obtain information about application deadlines. ***All other applications must be received no later than two weeks prior to the beginning of the semester for which the student wishes to enroll.***

TYPES OF GRADUATE ADMISSION

After evaluation of an applicant’s credentials by the appropriate department and by The Office of Graduate Education and Research, the applicant will be notified by letter from the Office of Graduate Education and Research that (1) admission has been granted under one of the categories listed below, or (2) admission has been denied, or (3) a decision has been deferred for reasons listed in the notice. An admission letter will be issued by The Office of Graduate Education and Research stating the conditions of admission and period of validity for the admission. An applicant who has not received an admission, denial, or deferral notice 48 hours prior to the beginning of the final regular registration period should contact, in person, the Office of Graduate Education and Research for clarification.

In certain areas the University may need to limit the number of students accepted for graduate work if the number of applicants exceeds the capacity of available facilities/faculty.

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 Office of Graduate Education and Research in order to safeguard the University’s standards.

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 a regional, 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. Submission of acceptable official Graduate Record Examination (GRE) General Test Scores or an approved alternative examination. (See specific program requirements for information on acceptable alternative examinations and scores).

- D. A department may waive the requirements for clear admission stipulated in B. and C. for applicants having earned a graduate degree from a regional, accredited institution.
- E. 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 Office of Graduate Education and Research. Complete and satisfactory credentials must be received by the Office of Graduate Education and Research 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 a graduate program 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 chair and approval of the appropriate college dean and Dean of Graduate Education and Research. Students must be removed from probationary admission prior to registering in any graduate course work beyond an initial 12 hours. After obtaining 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 approved graduate course work at Eastern Kentucky University with 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 Office of Graduate Education and Research. The Office of Graduate Education and Research will inform the student of all conditions for consideration for clear admission at the time the student is granted probationary admission status. Since the transfer from a probationary admission status to a clear admission status requires the successful completion of graduate course work at Eastern Kentucky University, no student should attempt to take graduate course work for transfer from another school during the probationary admission period. A student admitted under probationary admission may not attempt any graduate course work graded pass/fail. In the case where specific courses have been designated by a program for the satisfactory/unsatisfactory grading mode, a maximum of three hours of course work graded satisfactory/unsatisfactory may be permitted during the initial 12 hours. 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 Office of Graduate Education and Research. 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).

A former or currently enrolled non-degree student who wishes to apply for admission to a graduate degree program must submit a Program Change application to the Office of Graduate Education and Research for admission to a degree program. The student must meet all criteria for clear admission as stipulated by the department.

Certification 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 admission.

A former or currently enrolled certification student who wants to apply for admission to a graduate degree program must submit a Program Change application for Admission and all supporting documents as listed in this *Catalog* under the section APPLICATION TO THE GRADUATE SCHOOL. Admission as a certification or general non-degree student does not guarantee subsequent clear admission into a graduate program. Graduate credit earned as a certification or general non-degree student may be applied to a degree program only when the student meets all the minimum admission requirements; is granted clear admission after initial application; and approval is granted by the appropriate department, the college dean, and the Dean of Graduate Education and Research. Normally, no more than nine semester hours of work earned as a certification or general non-degree student may be applied to a graduate degree. Only courses with 3.0 or above earned grade points may be applied, although a grade in any course taken as a certification or general non-degree student will be considered in computing a student's overall grade point average.

Visiting Student Admission

Because of its unique programs and facilities, faculty, diversified institutes and workshops, Eastern Kentucky University 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 Kentucky University, 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 Office of Graduate Education and Research or will be sent to the student when the Office of Graduate Education and Research receives an application for Visiting Student Admission.

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 Graduate Education and Research.

Approval forms for undergraduate/graduate concurrent enrollment may be obtained from the Office of Graduate Education and Research. 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 Kentucky University 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 or other appropriate test 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 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 graduate classes. Undergraduate honors admission to Graduate School must be supported by all appropriate advisors and college deans, as well as the Dean of Graduate Education and Research.

Senior Citizens Admission

A senior citizen (65 years or older) who holds a bachelor's 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 Kentucky University 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 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, CN 6000, Princeton, New Jersey 08541-6000, U.S.A. or www.ets.org.

The completed application, all official transcripts, official TOEFL and GRE or GMAT scores, and the Declaration and Certification of Finances must be received by the Office of Graduate Education and Research no later than June 1 for fall admission, October 15 for spring admission and March 15 for summer admission. Please note that some programs have earlier application deadlines and/or only admit students for a particular semester, e.g. fall. Materials for these programs must be received in the graduate school 45 days prior to the program application deadline. Please see the program description for published deadlines. Appropriate I-20 forms will be issued after all official credentials have been received and the completed application has been reviewed. The U.S. Bureau of Citizenship and Immigration Services requires certification that all standards for admission have been met before the I-20 form is issued. Please see below for additional information concerning international student admission to Eastern Kentucky University.

SPECIAL INSTRUCTIONS FOR INTERNATIONAL STUDENTS ONLY

Eastern Kentucky University welcomes applications for graduate study from all qualified international students. The criteria for admission to the various programs of graduate study at this institution are the same for all students, but the United States immigration laws impose certain additional requirements which all U.S. institutions of higher education must abide by in admitting international students.

Admission procedures for all international students are developed in compliance with existing laws of the United States Department of Justice, Bureau of Citizenship and Immigration Services.

Transcript Requirements

To be considered for entry as a graduate student, an applicant must have had four years of university level work following a twelve year elementary-secondary program and have been awarded a degree equivalent to the four year baccalaureate degree awarded by U.S. universities. The international institution of learning must be recognized by the American Association of Collegiate Registrars and Admissions Officers, and individual credits may be evaluated for acceptance or transfer. Grade point standings will be determined by appropriate conversion scales from the individual institutions.

When credentials are submitted in support of any application, they should be the original document (in certain rare cases, certified "true copies" bearing the United States Embassy official seal may be accepted). An official translation must be attached to these records if they are in a language other than English. Credentials must include a record of all degrees earned, detailing all subjects taken and grades obtained. Remember that uncertified photostat copies are not acceptable.

English Proficiency Requirement

Eastern Kentucky University requires the Test of English as a Foreign Language (TOEFL) of all applicants whose native tongue is other than English, including those from India. A minimum score of 550 is needed on the test to be accepted at Eastern Kentucky University. To register you must obtain the TOEFL BULLETIN, which includes a registration form. BULLETINS are available in many locations outside the U.S., usually at American embassies and consulates, Office of the United States Information Service (USIS), United States educational commissions and foundations, binational centers, and many private organizations such as the Institute of International Education (IIE), African American Institute (AAI), American Friends of the Middle East (AFME), and American-Korean Foundation.

Students who cannot obtain a TOEFL BULLETIN and registration form locally should write for them, WELL IN ADVANCE, to: TOEFL Services, CN 6151, Princeton, New Jersey 08541-6151, USA.

Financial Resources Requirement

Graduate applicants MUST complete the Declaration and Certification of Finances from which accompanies the application for admission to Graduate School. Applicants should have available the approximate sum of \$17,000 American dollars for each academic year at Eastern Kentucky University, exclusive of travel expenses. We estimate this amount will cover the bare minimum cost of tuition fees, books and supplies, room and meals, health insurance (see below) and incidentals for a single person. It should also be indicated how expenses will be met for subsequent years of study if the program of study will require more than one year. It should be kept in mind when computing expenses that students holding F-1 visas will be not authorized to work by the Bureau of Citizenship and Immigration Services except under extraordinary circumstances. Therefore, the applicant should not look to employment, either part-time during the academic year or full-time during the summer, as a significant means of support while attending Eastern Kentucky University.

You will need this documentation of sufficient funds when you apply to your local governmental agency for a visa and when you are cleared for entry by U.S. Consular officials. We suggest that you make and retain copies for this purpose.

An extremely limited number of graduate assistantships are available in some departments requiring research, laboratory, and other instructional duties. These assistantships are awarded on a competitive basis to a few exceptionally well qualified graduate applicants possessing special skills and qualifications. Native ability in English is a prerequisite. Students should write directly to the chair of the department to which they are applying for additional information about assistantships.

NOTE: Even if an assistantship is awarded, it is not sufficient to cover the total expenses of an academic year. The "Declaration and Certification of Finances" form should still be submitted indicating the additional funds available for the remainder of your expenses.

At the beginning of each registration period, you will be expected to pay in full the established fees for tuition, housing, and health insurance.

Health Insurance Requirement

At the beginning of the first semester on campus, international students must present evidence that they have current hospitalization, accident care, and surgery insurance that is payable in the United States, or they must be prepared to enroll in the University student insurance plan. They must carry some type of health insurance as long as they are enrolled at the University. Application should be made upon arrival at the Personnel Office, Jones Building room 203, Eastern Kentucky University.

University Housing

University Housing is usually available for single and married students. For complete information on housing, write well in advance to: Housing Office, Student Services Building CPO 51, Eastern Kentucky University, 521 Lancaster Avenue, Richmond, Kentucky 40475-3151.

Application Requirements

Applications for admission and all supporting credentials must reach the Office of Graduate Education and Research as far in advance as possible before the opening of the term you wish to enter. Completed applications and all official credentials (transcripts, letters of recommendation, Declaration and Certification of Finances, TOEFL scores, GRE scores, and GMAT scores for MBA candidates) must be evaluated at least 30 days prior to the initial enrollment date.

NOTE: I-20 forms (required for visa authorization) can only be issued by the University after the student has submitted all required official credentials and qualifications for admission to the graduate program indicated are verified.

Visiting Scholars

Visiting scholars at the graduate level may be admitted as non-degree students on the strength of their academic credentials by submitting transcripts and certificates of degrees. Scholars who are applying for the J-1 visa program must satisfy their host department and the J-1 Responsible Officer as to their academic preparation and their English language ability. The TOEFL test is not a requirement for such candidates; instead, they must demonstrate to the host department their ability to use English as necessary in their specific field or discipline. Visiting scholars will be issued the form IAP-66 by the Responsible Officer and must follow the regulations of the State Department as regards J-1 visa holders. Other non-degree international students may submit TOEFL scores to qualify for admission.

GENERAL INFORMATION

Eligibility for admission to the Graduate School does not insure 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 this *Catalog*.

All programs assume certain formal and informal prerequisites. Normally any deficiencies in preparation must be resolved during the first enrollment.

No student may receive graduate credit for a course without admission to the Graduate School.

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 Office of Graduate Education and Research in order to safeguard the University's standards.

The Office of Graduate Education and Research 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 this *Catalog* and the specific college/departmental program requirements. Only the Graduate Council has the authority to waive the basic requirements stated in this *Catalog*. No statements made by any person regarding waiver of admission/program requirements shall in any way bind the Graduate Council.

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 printed on the course syllabus.

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.

Program Planning

Along with admission to the Graduate School, each student shall be assigned an advisor by the department offering the degree program into which the student plans to matriculate. The student shall take the initiative to become familiar with the objectives of his/her particular degree program and pertinent regulations, as they are described in this *Catalog*, prior to scheduling a conference with the assigned advisor. Discussion of the student's personal and program objectives should take place prior to the first registration.

During the first term, the student must meet with his/her advisor to develop a planned program. Students for whom program plans have not been appropriately filed will not be eligible for a second registration. Subsequent changes of the program plan are permissible, but must be approved on the appropriate form by the advisor, the department chair, and the Dean of Graduate Education and Research.

Use of Course work from Non-degree or Certification Programs on Degree Programs

Normally, no more than nine semester hours of work earned as a certification or general non-degree student may be applied to a graduate degree. Only courses with 3.0 or above earned grade

points may be applied, although a grade in any course taken as a certification or general non-degree student will be considered in computing a student's overall grade point average.

Graduate Course Description

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 indicates the course will be offered the fall semester, spring semester, and by announcement, respectively.

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 is described as "3 Lec/2 Lab."

Graduate Cooperative Education

Graduate 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 Graduate Cooperative Education Program is primarily an academic matter involving the department in which the student is majoring. Prior to enrolling in cooperative education, a graduate student should normally have completed nine (9) semester hours of graduate credit. All graduate students must have a 3.0 grade point average when applying for cooperative education.

Acceptance of a student into the program is also contingent upon the location of a suitable graduate level training site and an agreement with the employer to hire. The co-op student will normally be employed full-time for a period of one semester in accordance with the employer's schedule. The type of employment and the total hours of employment are determining factors in assigning co-op credit. The University requires a minimum of 80 hours of employment for each semester hour of academic credit for graduate co-op, field placement, practicum, internship and other such placements. The salary for each position is negotiable but must fall within state and federal wage guidelines. For additional information, contact the Director of Cooperative Education at (859) 622-1296.

REGISTRATION

Graduate students may register via the web at www.eku.edu, (click on **EKUDirect**) on the dates stipulated in the *Colonel's Compass* (also found at www.eku.edu, look underneath **EKUDirect**, click on "Colonel's Compass"). Students should consult with their advisors. The student bears the responsibility for courses scheduled, subject to the policies and approval of the Office of Graduate Education and Research. The student is responsible for registering a motor vehicle, housing arrangements, and payments of all fees and assessments in accordance with prevailing University policy.

Students with interruptions of study on campus who wish to participate in registration should notify the Office of Graduate Education and Research of their plans to continue study, furnishing full names and social security numbers, at least two weeks in advance of the published registration dates.

Change of Schedule

The University reserves the right to cancel a course when the registration is not sufficient to warrant its continuance, to divide classes if the enrollment is too large for efficient instruction, and to change instructors when necessary. Additional courses will be organized if the demand is sufficient.

The Graduate School reserves the right to suspend or alter registration orders not in consonance with the individual's planned program or in the instance of closed or canceled sections. Program modifications should be accomplished through the regular drop-add procedure on the dates designated.

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 withdraw from all courses via the Web. A withdrawal is granted only through the eighth week of classes during a regular semester or through the midpoint of any 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 through the Registrar for an administrative withdrawal from the University. The deadline for filing a petition for withdrawal under extraordinary circumstances is the last day of the full semester following the term from which the student is seeking withdrawal. 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.

ACADEMIC REGULATIONS**Academic Load**

A maximum academic load of 15 hours is considered permissible during the regular fall or spring semester for exceptional graduate students. Graduate assistants are permitted to carry a maximum course load of 12 hours and a minimum load of nine hours of graduate work toward their program. Summer course load limits are 9 hours per session. In addition, students **are encouraged to not take more than one short term (four week or less) course at a time.** Various combinations of workshops, short term courses, and regular summer courses are permissible provided the total does not exceed 12 hours for both summers. Maximum hour limitation includes all courses taken whether they are on-campus, off-campus, graduate, undergraduate, or audit credit.

A minimum academic load of six semester hours of credit shall be regarded as full-time during summer term and a minimum of nine hours of such credit shall be regarded as a full academic load during a regular fall or spring semester.

Transfer of Credit

A student may transfer from other accredited or professional graduate schools up to 12 hours of course work that has been accepted by his/her Master's or Specialist degree program without transferring in all graduate course work taken at that institution. Only the transferred work for the degree program will be used to calculate the overall grade point average. Any programs covered by an articulation agreement between Eastern Kentucky University and other colleges or universities are excluded from the 12 hour transfer limit. Official copies of transcripts must be submitted and evaluated before any transfer credit can be accepted. Certain

courses submitted for transfer may not be considered equivalent to specified program requirements even though course titles are the same. Official requests for transfer of credits must be recommended by the student's advisor, the department chair, the college dean, and approved by the Office of Graduate Education and Research. Students who expect to transfer credits to meet program requirements at EKU should obtain official approval prior to registration for transfer courses. Official transcripts of approved transfer credits must be submitted to the Office of Graduate Education and Research, Eastern Kentucky University, Coates CPO 5A, 521 Lancaster Avenue, Richmond, KY 40475-3102 within 60 days after the course has been completed. Transfer credits taken during the final semester of a program will delay graduation and certification approval until official transcripts have been received in the Graduate School Office. If transfer work is taken during the semester in which a student is to graduate with a degree, the official graduate school transcript must be received in Eastern's Office of Graduate Education and Research within two (2) weeks of the end of the semester.

Credits earned at other institutions may be transferred only when grade points of "B" (3.0 on a 4.0 scale) or above has been earned. The credit-producing experience must be taught by a graduate faculty member with scholarly competence in the subject matter area to be considered for transfer. Graduate credit for "special workshop courses" may be considered for transfer only when it can be clearly documented that the course in question meets Eastern Kentucky University's graduate instructional standards and is clearly distinguishable from undergraduate work and from continuing education activities. Students on academic probation cannot take a course from another institution for the purpose of transferring the credit to their program.

Graduate Course Credit

All 700 level courses have undergraduate 500 level 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. Credit will not be awarded for both the 500 and 700 level of the same course. 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 700 and 800 series are open only to graduate students.

Correspondence courses from any source are not applicable for graduate credit.

Graduate level courses are expected to require a minimum of four hours of outside preparation for every hour of lecture. Course syllabi are to reflect these expectations. Graduate courses other than those which are independently directed, shall be based upon a minimum of 12.5 clock hours of contact per hour of graduate credit. Workshop courses shall have a minimum of 25 clock hours of contact per hour of graduate credit. All credit producing experiences shall be based upon a minimum of one week of instruction per hour of graduate credit. The University requires a minimum of 80 hours of employment for each semester of academic credit for graduate co-op, field placement, practicum, internship and other such placements.

Grading System**1. Graduate Letter Grades**

<u>Grade</u>	<u>Meaning</u>	<u>Grade Points Per Hour</u>
A		4.00
B		3.00
C		2.00
D	Failure	0.00
F	Failure	0.00
I	Incomplete	0.00
P	Passing	0.00
S	Passing	0.00
U	Failure	0.00
W	Withdraw	0.00
AU	Audit	0.00
CR	Credit Only	0.00
IC	Incomplete Correspondence	0.00
IP	In Progress	0.00
NC	No Credit	0.00
NR	Not Reported	0.00

Throughout this *Catalog*, specific grade requirements are to be interpreted precisely as stated. Thus, if a requirement specifies that a grade of at least “C” is required, a “C-” will not satisfy the requirement. If it is intended that “C-” is to be allowed, a “C-” will be listed rather than “C.” This applies to all specific grade requirements.

The grade point average (GPA) is based on those courses in which a student earned grades of “A,” “A-,” “B+,” “B,” “B-,” “C+,” “C,” “C-,” “D+,” “D,” “D-,” “F,” or “U.” The overall graduate grade point average includes all graduate course work taken by the student at any institution at any time unless specifically excluded. The program graduate grade point average includes only those courses included as a part of the student’s planned program.

A grade of “I” shall be assigned if in the opinion of the instructor the student has been unable to complete the course on time because of unavoidable conditions. An “I” must be made complete by the end of the next full-length term (i.e., fall or spring). Otherwise the “I” grade becomes an “F.”

A grade of “IP” is available for courses which the graduate faculty has anticipated may take more than the normal semester, such as thesis. “IP” grades are available only in courses which have been approved to receive “IP” grades by the Graduate Council and the Council on Academic Affairs. 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 for the course. 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. Grades of “IP” for thesis must be changed within seven years.

2. Grade Appeals

If a student believes that the final grade assigned in a course is unjustified, that 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 summer session). Refer to the *University Handbook for Students* for complete policy concerning grade appeals.

3. Repeating Courses and Grade Calculation

No graduate student may repeat a course to improve standing without the explicit permission of his/her advisor and the Office of Graduate Education and Research. An enrollment is counted as a repeat if previous enrollment in the course resulted in a passing or failing grade. The grade in a course taken for the second time will replace the first grade earned. A repeat and replacement of any grade beyond the first repeat must be authorized by the dean of the college of the student’s major and the Office of Graduate Education and Research. If a student enrolls in a course for a third or subsequent time without approval, the student may be administratively withdrawn from the course.

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

4. Grade Change

All grade changes must be made by the following deadlines: for fall semester grades - the last day of the following spring semester; and for spring and summer semester grades - the last day of the following fall semester.

5. Changes to Transcript

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

6. Pass-Fail Grades and Audit

The Pass-Fail and Audit options are available for students who wish to take graduate courses for their own professional growth or personal interest. Not all courses are approved to be taken as Pass-Fail or Audit. The Office of the Registrar can verify whether a course is approved to be taken as Pass-Fail or Audit. Courses taken Pass-Fail or Audit may not be used in any graduate program. A few courses such as practicum, internship, and thesis which have been specifically designated for satisfactory-unsatisfactory grading only by the department may be used on any graduate program.

Academic Honesty

The University faculty have the right to expect students to adhere to the principles of academic honesty.

Therefore, 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 normally range from receiving a failing grade on the assignment to being assigned a failing grade in the course; however, if the case is assigned to the Student Disciplinary Council, stronger 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*.

Academic Probation

Students pursuing graduate degrees are expected to maintain a 3.0 graduate grade point average at all times. Students falling below the 3.0 GPA will be placed on academic probation. One semester may be allowed for removing the GPA deficiency. Continued enrollment beyond the probationary semester will be permitted only with the recommendation of the advisor and the department chair/program coordinator to the Office of Graduate Education and Research. Students on academic probation cannot take a course from another institution for the purpose of transferring the credit to their program.

DEGREE COMPLETION REQUIREMENTS**Admission to Candidacy**

Admission to candidacy for a degree program is a function of the department's consideration of the student's potential for matriculation into a degree program based on his/her performance at the graduate level, and represents a stage beyond admission to the Graduate School. Students must be admitted to candidacy to be considered eligible for the master's degree. A copy of the admission to candidacy for the student shall be submitted by his/her advisor to be approved by the department chair and the Office of Graduate Education and Research as soon as possible. Admission to candidacy must be approved no later than the third week of the semester in which the student is enrolled in any of the last 12 hours of his/her degree program. To accomplish this, the required papers for admission to candidacy must be received by the Office of Graduate Education and Research prior to the student's registration in any of the last 12 hours of the degree program. A student will not be eligible to graduate in the same semester the student is admitted to candidacy unless that student is completing the program within two consecutive semesters. A permanent committee will be assigned on approval of candidacy. The permanent graduate committee must consist of a minimum of three to a maximum of five faculty members. Subsequent changes of the committee are permissible, but must be approved on the appropriate form by the advisor, the department chair, and the Dean of Graduate Education and Research. Admission to candidacy must be completed prior to the scheduling of comprehensive examination(s) or thesis defense.

All conditions for clear admission to the Graduate School and any prerequisites must have been satisfied before the candidacy application may be approved. No student shall become an approved candidate without a minimum overall and program graduate grade point standing of 3.0. No graduate credit shall be granted for a grade below "C." Students may not repeat a course to improve standing without the explicit permission of their advisor and the Office of Graduate Education and Research.

When candidacy is approved, the student is notified that he/she is a candidate for the degree program. After becoming a candidate, students are eligible to file applications for graduation. Applications for graduation must be received in the Office of Graduate Education and Research prior to the semester in which the program completion is expected. Graduation application forms are available upon request from the Office of Graduate Education and Research. Refer to the following section for complete details concerning applications for graduation.

Application for Graduation

A student planning to receive the master's or specialist's degree should apply prior to the beginning of the semester in which the student intends to graduate.

Students will be considered candidates for graduation only if they have an overall and program graduate grade point average of 3.0 or higher at the beginning of the term in which they wish to graduate. The Office of Graduate Education and Research may not accept an application for graduation from a student who is not eligible to be considered for graduation.

Language Requirements

In graduate programs requiring competence in a foreign language, the requirement may be met in one of three ways: 1) 12 hours of college credit in an appropriate language may be accepted; 2) a reading examination may be taken covering material

appropriate to the discipline; 3) achievement of 3.0 or above in earned grade points in a designated course will be accepted as meeting the requirement.

Students must satisfy the language requirement prior to scheduling of the comprehensive examinations. Certain programs may require statistical competencies in lieu of a foreign language requirement.

Time Requirements

A graduate student is expected to complete requirements for the master's degree no later than seven years after beginning course work (e.g., a student whose initial registration for courses was Fall 2004 must complete the program in order to include this course work by the end of the Summer term 2011.) The minimum time interval required for completion of a graduate degree is two semesters of full-time study.

The Graduate Council in recognition of the importance of assisting and safeguarding the student's right to due process will consider requests for waiver of the above stated requirement upon the recommendation of the student's advisor, the department chair, the college dean, and the Dean of Graduate Education and Research.

Minimum Hours Required

All master's degree programs and specialist's degree programs require a minimum of 30 semester hours each. Some programs require additional hours that exceed this minimum.

At least half of the total course work, excluding thesis, practicum, internship or co-op courses, shall be in courses open only to graduate students (800 level).

Master's Thesis Or Specialist's Project

Students who submit a thesis in partial fulfillment of the master's or specialist's degree must prepare it in conformity with the regulations approved by the Graduate Council. Two approval pages bearing original signatures of the graduate committee must be included with two typewritten, clear, unbound copies of the thesis and presented to the Office of Graduate Education and Research at least two weeks prior to summer Commencement and three weeks prior to the end of the fall and spring semesters. These two copies are bound and become the property of the University Library. If any additional bound copies are desired by the student or the department, they should be presented directly to the Library or a commercial bindery.

Theses must be on white paper of at least 50 per cent rag or cotton fiber content and must be in a form acceptable to the Office of Graduate Education and Research. Instructions for the preparation of theses should be obtained from the Office of Graduate Education and Research before the thesis is typed.

Theses must be developed under the direction of a full member of the Graduate Faculty.

Comprehensive Examination(s)

All candidates shall perform satisfactorily on a written and/or oral examination of the contents of their program of studies and/or the defense of their thesis. Particulars are specified by program.

Comprehensive examinations are scheduled after application for a degree has been filed and evidence exists indicating that the student should complete all degree requirements. Comprehensive examinations are not to be given prior to admission to candidacy, or while the student's overall or program graduate grade point average is below 3.0.

Committee chairs must file the Schedule of Oral/Comprehensive Examination in the Office of Graduate Education and Research with copies to the student and committee members at least two weeks prior to the comprehensive examination. Committee chairs shall certify the results of the completion of the comprehensive examination to the Office of Graduate Education and Research no later than ten days in advance of Commencement.

A review period of not less than 60 days nor more than one year is required of candidates who fail the comprehensive examination or thesis defense initially. Additional courses or thesis work may be required of a failing student. Committee changes are not normally approved between the first taking of the comprehensive examination or thesis defense and the retake. Comprehensive examinations may not be retaken more than once for the master's or specialist's degrees.

Additional Degree Requirements

According to AACSB International business accreditation standards, students enrolled in University graduate degree programs, other than those within the EKU Business, will not receive credit toward their degree completion requirements for more than 50 percent of their graduate programs in credit hours in courses offered through EKU Business and/or business courses (courses commonly taught in a school of business) transferred from other colleges and universities or taken from other units within EKU.

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 Kentucky University or another accredited university. In general, the same basic requirements for general admission, admission to candidacy, and other conditions previously stated in this *Catalog* relative to the first master's degree are also applicable to the second degree with the following exceptions:

A maximum of fifty percent of the required credit hours for the second master's degree may be applied from the first degree if such courses are within the seven year time limit, are appropriate for the second program and are approved by the program.

Candidates for a second master's degree must file application for admission to Graduate School and identify their second program prior to registration for additional course work. Students should be admitted to the second master's program with an approved Planned Program prior to any additional registration. 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.

SPECIALIST'S DEGREE REQUIREMENTS

The University offers advanced graduate work leading to the Specialist in Education and Specialist in Psychology degrees. 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. Students should refer to the appropriate

college/department section for specific admission and program requirements. Twelve hours of course work must be completed after admission to candidacy for this degree.

COOPERATIVE DOCTORAL PROGRAMS

Eastern Kentucky University, in cooperation with the University of Kentucky, offers cooperative doctoral programs in education, geology, and rehabilitation sciences. These programs permit candidates to complete one year of graduate work beyond the master's degree at Eastern Kentucky University. The work of a candidate is directed by a joint faculty committee from both institutions. Throughout the term of the program, the student shall be enrolled in both schools but will pay fees only to the resident university. The doctoral degree is awarded by the University of Kentucky.

Any student considering a cooperative doctoral program should contact the Office of Graduate Education and Research to discuss their program prior to applying.

CATALOG APPLICABLE

A student will be governed by the catalog in force during the school year in which he/she is officially admitted to a graduate program unless he/she interrupts resident status at this institution for more than one calendar year, in which case he/she comes under the requirements of the catalog in force at the time of readmission. A student may elect to comply with the catalog currently in force. Exceptions to this policy must be approved by the Office of Graduate Education and Research.

SECTION FIVE

Academic Divisions

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 Nurses Credentialing Center (ANCC)
Commission on Accreditation for Dietetics Education of the American Dietetics Association
Commission on Accreditation of Allied Health Education Programs upon the recommendation of the Joint Review Committee on Education Programs for the EMT Paramedic
(Emergency Medical Technician/Paramedic)
(Associate Degree and Certificate Curricula)
Commission on Accreditation of Allied Health Education Programs on the recommendation of the Committee on Accreditation for Medical Assistant Education
(Medical Assisting Technology)
(Associate Degree Program)
Commission on Accreditation of Allied Health Education Programs upon the recommendation of the Council on Accreditation of the American Health Information Management Association
(Health Information)
(Associate and Baccalaureate Degree Programs)
(Post-Baccalaureate Certificate Program)
Commission on Accreditation of Allied Health Education Programs
Joint Review Committee on Educational Programs in Athletic Training
Commission on Collegiate Nursing Education
(Baccalaureate and Masters Degree Programs)
Council for Accreditation of Counseling and Related Educational Programs
National Accrediting Agency for Clinical Laboratory Sciences
(Associate and Baccalaureate Degree Programs)
Accreditation Council for Occupational Therapy Education
(Baccalaureate Degree and Masters Degree)
American Speech-Language-Hearing Association, Council on Academic Accreditation (Graduate Degree Program)
AACSB International - The Association to Advance Collegiate Schools of Business
Computer Science Accreditation Commission of the Computer Science Accreditation Board
(Baccalaureate Degree Program)
Council on Social Work Education
(Baccalaureate Degree Program)
International Council for Exceptional Children
International Society of Fire Services Instructors Emergency
Kentucky Vocational Agriculture Teachers Association
Management Accreditation and Certification System
(Professional Qualifications Council for Industry)
(Baccalaureate Degree Program)
National Association of College Teachers of Agriculture
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)
National Environmental Health Science and Protection Accreditation Council
(Baccalaureate Degree Program)

National Council for Accreditation of Teacher Education
American Association for Health Education
National Association for Sport and Physical Education
National League for Nursing Accrediting Commission
(Associate and Baccalaureate Degree Programs)
National Recreation and Park Association/American Association for Leisure and Recreation Council on Accreditation
(Baccalaureate Degree Program)
American Council for Construction Education
American Nurses Credentialing Center
American Chemical Society
(Bachelor of Science and Biochemistry Option)
Masters in Psychology Accreditation Council
(Clinical Psychology M.S. Program)

THE FOLLOWING PROGRAMS ARE APPROVED BY THESE AGENCIES.

American Bar Association
Paralegal
(Associate and Baccalaureate Degree Programs)
American Association for Health Education
Health Education, School Health Option
(Baccalaureate Degree Program)
American Drive and Traffic Safety Education Association (ADTSEA/
IUP National Teacher Credentialing 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 Board of Nursing
Nursing
(Associate and Baccalaureate Degree Programs)
Kentucky Department of Education
School Psychology
(Specialist in Psychology Degree Program)
National Association for Sport and Physical Education
Physical Education, P-12 Teaching Option
(Baccalaureate Degree Program)
Public Relations Society of America
(Baccalaureate Degree Program; Public Relations Major)
Society of Public Health Educators
(Community Health Education Program)

Memberships

AACSB International - The Association to Advance Collegiate Schools of Business
Academy of Criminal Justice Sciences
Aircraft Owners and Pilots Association
American Association of Airport Executives
American Association of Colleges of Nursing
American Association of Colleges for Teacher Education
American Association of Collegiate Registrars and Admission Officers
American Association of Educational Service Agencies
American Association of Family and Consumer Sciences
American Association of State Colleges of Agriculture and Renewable Resources

ACCREDITATIONS AND MEMBERSHIPS

American Council for Construction Education
American Council on Education
American Council on the Teaching of Foreign Languages
The American Dietetics Association
 General Dietetics
American Driver and Traffic Safety Education Association
American Historical Association
American Hospital Association
American Health Information Management Association Assembly on
 Education
American Mathematical Society
American Political Science Association
American Society of Allied Health Professions
American Society of Human Genetics
American Society for Training and Development
American Statistical Association
American Technical Education Association
Associated Schools of Construction
Association for Computing Machinery
Association of Education in Journalism and Mass Communications
Association for Supervision and Curriculum Development
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 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
Association of Departments of Foreign Languages
Aviation Information Resources, Inc.
Broadcast Education Association
Broadcast Promotion and Marketing Executives Association
College Art Association
College Placement Council, Inc.
Conference of Southern Graduate Schools
Council for Advancement and Support of Education
Council of Applied Masters Programs in Psychology
Council of Colleges of Arts and Sciences
Council of Graduate Departments of Psychology
Council of Graduate Schools
Council on Aviation Accreditation
Council on Social Work Education
Flexographic Technical Association
Graphic Arts Technical Foundation
Graphic Communications Council
International Graphic Arts Education Association
International Reading Association
International Technology Education Association
International Television Association
Kentucky Academy of Science
Kentucky Association of Department of English
Kentucky Broadcasters Association
Kentucky Council of Associate Degree Nursing
Kentucky Paramedic Association
Kentucky Press Association
Kentucky Recreation and Park Society
Kentucky Tourism Council
Mathematical Association of America
Mid-South Educational Research Association
National Athletic Trainers 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 Admission Counselors
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
National Collegiate Athletic Association
National Collegiate Honors Council
National Commission for Cooperative Education
National Council of Arts Administrators
National Council of Teachers of English
National Environmental Health Association
National Faculty Exchange
National Fire Protection Association
National Intercollegiate Flying Association
National Intramural Recreational Sports Association
National Juvenile Detention Association
National League for Nursing
National Organization for Associate Degree Nursing
National Recreation and Park Association
National Safety Council
National Society for Experiential Education
National University Continuing Education Association
National Wellness Association
Newspaper Association of America
Screen Printing and Graphic Imaging Association
Southeastern Airport Managers Association
Southeastern Association of Advisors for the Health Professions
Southeastern College Art Conference
Southern Association of Colleges and Schools, Inc.
Southern Association of Collegiate Registrars and Admission
 Officers
Southern Association of Community, Junior, and Technical Colleges
Southern Council on Collegiate Education for Nursing
Southern Regional Education Board
Southern Regional Honors Council
Teacher Education Council of State Colleges and Universities
Trainer of School Psychologists
Travel and Tourism Research Association
University Aviation Association

Academic Programs

Eastern Kentucky University offers the following programs which are registered with the Kentucky Council on Postsecondary 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 this *Catalog*. Options at the undergraduate level are found in the *Undergraduate Catalog*. Eastern Kentucky University cooperates with the University of Kentucky in offering joint doctoral programs.

MAJORS

DEGREES

Accounting	BBA	English (Teaching)	BA
Agriculture	BS	Environmental Health Science	BS
Anthropology	BA	Environmental Studies	BS
Apparel Design and Merchandising	BS	Family and Consumer Sciences Education	BS
Art	BA, BFA	Finance	BBA
Art, Teaching (See Art B.A.)	BA	Fire and Safety Engineering Technology	AA, BS
Assets Protection and Security	BS	Forensic Science	BS
Athletic Training	BS	French	BA
Aviation	BS	French (Teaching)	BA
Biology	BS, MS	General Business	BBA
Biology (Teaching)	BS	Geography	BA
Broadcasting and Electronic Media	BA	Geology	BA, BS, MS
Business Administration	MBA	Graphic Communications Management	BS
Business and Marketing Education/Teaching	BS	Health Education	BS
Career and Technical Education	AS, BS, MS	Health Education (Teaching)	BS
Chemistry	BA, BS, MS	Health Information Technology	AS
Child and Family Studies	BS	Health Services Administration	BS
Clinical Laboratory Technology/Science	AS, BS	History	BA, MA
Clinical Psychology	MS	History (Teaching)	BA
Communication Disorders	BS, MA in Ed	Horticulture	BS
Communication Studies	BA	Human Services	MA
Community Nutrition	MS	Individualized Studies	BIS
Computer Aided Drafting	AS	Industrial Technology	BS, MS
Computer Electronic Networking	BS	Instructional Leadership	MA in Ed
Computer Electronics Technology	AS	Insurance	BBA
Computer Information Systems	BBA	Interpreter Training Program	BS
Computer Science	BS	Joint Doctoral in Biology, General*	PhD
Computer Science, Applied.....	MS	Joint Doctoral in Educational Policy Studies and Evaluation*	EdD
Computer Science and Mathematics (Teaching)	BS	Joint Doctoral in Educational Psychology*	EdD
Construction Management	BS	Joint Doctoral in Geology*	PhD
Corporate Communication and Technology	BBA	Joint Doctoral in Health, Physical Education, and Recreation*	EdD
Correctional and Juvenile Justice Studies	AA, BS, MS	Joint Doctoral Program in Rehabilitation Sciences*	EdD
Criminal Justice	BS, MS	Joint Doctoral in Instruction and Supervision*	EdD
Deaf and Hard of Hearing	BS	Joint Doctoral in Special Education*	EdD
Dietetics, General	BS	Journalism	BA
Digital Imaging Design	AS	Library Science	MA in Ed
Early Childhood Development	AS	Loss Prevention and Safety	MS
Earth Science/Teaching.....	BS	Management	BBA
Economics	BA	Marketing	BBA
Educational Leadership	MAEd	Master of Arts in Teaching (Elementary, Middle Grade, Secondary)	MAT
Elementary Education (P-5) (Teaching)	BS, MA in Ed	Mathematical Sciences	MS
Emergency Medical Care	AS, BS	Mathematics	BS
English	BA, MA	Mathematics (Teaching).....	BS
		Medical Assisting Technology	AS
		Medical Practice Management	BS
		Mental Health Counseling	MA
		Microbiology	BS
		Middle Grade Education (5-9) (Teaching)	BS, MA in Ed
		Military Science	Commission
		Music	BM, MM

ACADEMIC PROGRAMS

Music, Teaching (See Music B.M.)	BME
Nursing	ASN, BSN, MSN
Nutrition Care Management	AS
Occupational Science	BS
Occupational Therapy	BS, MS
Office Systems/Technologies	AA
Paralegal Studies/Science	AA, BA
Performing Arts	BFA
Philosophy	BA
Physical Education	BS, MS
Physical Education (Teaching)	BS
Physics.....	BS
Physics (Teaching)	BS
Police Studies	AA, BS
Political Science	BA, MA
Pre-Dental Hygiene	(Transfer Program)
Pre-Engineering	(Transfer Program)
Pre-Forestry	(Transfer Program)
Pre-Medical Sciences	(Transfer Program)
Pre-Optometry	(Transfer Program)
Pre-Pharmacy	(Transfer Program)
Pre-Physical Therapy	(Transfer Program)
Pre-Physician Assistant	(Transfer Program)
Pre-Veterinary Medicine	(Transfer Program)
Psychology	BS
Public Administration	MPA
Public Health	MPH
Public Relations	BA
Quality Assurance Technology	AS
Recreation and Park Administration	BS, MS
School Counseling	MA in Ed
School Psychology	PsyS
Science of Engineering	AS
Secondary Education (20 Discipline Options)	MA in Ed
Social Work	BSW
Sociology	BA
Spanish	BA
Spanish (Teaching)	BA
Special Education (5 options)	BS, MA in Ed
Statistics	BS
Technical Agriculture	AS
Theatre Arts	BA
Theatre Arts (Teaching)	BA
Wildlife Management	BS

**Degree awarded by University of Kentucky*

MINORS

Eastern Kentucky University 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.

Advertising
Aerospace Studies
Agriculture
American Sign Language (ASL) Studies
Anthropology
Art
Assets Protection Management
Aviation Administration
Aviation Flight
Biology
Broadcast News
Broadcasting and Electronic Media
Business
Chemistry
Child and Family Studies
Communication Studies
Community Health Education (Non-Teaching)
Community and Regional Planning
Computer Electronic Publishing
Computer Electronics Technology
Computer Information Systems
Computer Publishing
Computer Science
Construction Management
Correctional and Juvenile Justice Studies
Criminal Justice
Dance (Non-Teaching)
Design and Merchandising
Deviance/Criminology
Dispute Resolution
Earth Science, Teaching
Economics
Emergency Medical Care
English
English, Teaching
Environmental Health Science
Family and Consumer Sciences
Fire and Safety Engineering Technology
Foodservice Administration
French
Geography
Geology
Geotechniques
Gerontology
Health Care Administration
Health Information
History
Horticulture
Human Environmental Sciences
Humanities
Industrial Technology
Insurance
International Studies
Journalism
Managerial Communication
Mathematical Sciences
Mathematics
Military Science
Music
Natural Resource Geography
Nutrition
Office Administration
Philosophy
Physical Education (Non-Teaching)
Physics
Physics, Teaching
Police Studies
Political Science
Psychology

Public Administration
 Public Relations
 Quality Assurance Technology
 Real Estate
 Recreation and Park Administration (Non-Teaching)
 Religion
 School Health P-12 (Teaching)
 Social Justice
 Social Welfare
 Sociology
 Soils
 Spanish
 Special Education
 Statistics
 Theatre Arts
 Traffic Safety (Non-Teaching)
 Visual Media
 Women's Studies

ENDORSEMENTS AND CERTIFICATES

The following special endorsements and certificates are offered.

1. Undergraduate

Accounting Certificate
 Advanced Emergency Medical Care Certificate
 Basic Emergency Medical Technician
 Career and Technical Education*
 Certified Alcohol and Drug Counselor (CADC)
 Child Public Welfare Certification
 Coaching Endorsement
 Driver Education Endorsement
 English as a Second Language (Teaching) Endorsement
 Fire and Safety Engineering Technology Certificate
 French Conversation and Culture Certificate
 German Conversation and Culture Certificate
 Health Information Coding Certificate
 Health Information Management, Post-Baccalaureate
 Certificate
 Instructional Computer Technology
 Japanese Conversation and Culture Certificate
 Medical Administrative Certificate
 Middle Grade Education (5-9) Endorsement (one area)
 Public Child Welfare Certificate
 Real Estate Certificate
 Spanish Conversation and Culture Certificate
 Youth Work Certificate

**Based on recommendation from EKU, Certificate is awarded by the Education Professional Standards Board.*

2. Graduate

Director of Pupil Personnel Services
 Director of Special Education
 Driver Education
 Gifted Education
 Instructional Leadership (School Principal, All Grades)
 Rank II
 Rank I
 School Counseling
 School Psychology
 School Superintendent
 Standard Certificate in School Counseling
 Supervisor of Instruction
 Vocational Principal
 Coordination/Supervision of Vocational Education

College Of Arts and Sciences

Dr. Andrew Schoolmaster III, Dean
(859) 622-1405

Dr. Gary Kuhnhenh, Associate Dean
(859) 622-8140

Dr. Tom Otieno, Assistant Dean
Roark 109
(859) 622-1393

www.cas.eku.edu

Departments within the College of Arts and Sciences offer programs leading to the following degrees: Master of Arts; Master of Science; Master of Music; Master of Public Administration; and Specialist in Psychology.

The Master of Arts is offered by the departments of English, Government, and History. The Master of Science is offered by the departments of Biological Sciences; Computer Science; Chemistry; Earth Sciences; Mathematics and Statistics; and Psychology. The Master of Arts degree offered by Government is in Political Science. The Master of Science offered by Earth Sciences is in Geology; that offered by Computer Science is in Computer Science and Applied Computing; that offered by Mathematics and Statistics is in Mathematical Science; and those offered by Psychology are in Clinical Psychology and Industrial/Organizational Psychology. Clinical psychology students may elect to complete a program for "Providing Services to the Deaf/Hard-of-Hearing" in cooperation with the Department of Special Education. Additionally, the Department of Psychology offers the Specialist in Psychology degree in school psychology and a certification-only program in school psychology for students with related master's degrees. Students in the Master of Public Administration degree program offered by the Department of Government may select the general field of public administration or options in community development or community health administration.

The Master of Arts in Education with options in specific areas is offered in the College of Education with the cooperation of the appropriate departments in the College of Arts and Sciences. The program requirements for these may be found in the College of Education section of this *Catalog*.

Graduate Course Credit

All 700 level courses have 500 level 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. Credit will not be awarded for both the 700 and 500 level of the same course.

Cross Listed Courses

Some courses are offered under different prefixes with the same course content. Students will not be awarded credit in any course for which they have previously received credit under a cross listed prefix.

Gulf Coast Research Laboratory Courses

EKU is affiliated with 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 Marine Science graduate level courses listed in Section Six of this *Catalog* 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 Earth Sciences and in the Division of Natural Areas.

DEPARTMENT OF ANTHROPOLOGY, SOCIOLOGY, AND SOCIAL WORK

Dr. Steven Savage, Chair
www.anthropology.eku.edu
(859) 622-1644

The Department of Anthropology, Sociology, and Social Work offers graduate level courses in support of the Community Development Option of the Master of Public Administration Program offered by the Department of Government.

DEPARTMENT OF ART AND DESIGN

Mr. Edward C. Hale, Acting Chair
www.art.eku.edu
(859) 622-1629

The Master of Arts in Education degree and the Master of Arts Teaching degree with an option in art are offered in the College of Education with the cooperation of the Department of Art. The regulations for the degrees may be found in the College of Education section of this *Catalog*.

DEPARTMENT OF BIOLOGICAL SCIENCES

Dr. Barbara Ramey, Chair
www.biology.eku.edu
(859) 622-1531

The Department of Biological Sciences provides opportunities for graduate studies leading to the Master of Science degree in Biology which may include an option in Applied Ecology. Under the general program, both thesis and non-thesis plans are available. The Applied Ecology Option requires a thesis. A planned program of study, based on individual needs is selected by each student in consultation with the student's graduate committee. Students engaged in thesis work may conduct research in such areas as aquatic biology and toxicology, animal behavior and ecology, plant systematics and ecology, wildlife and conservation biology, physiological ecology, structural biology, cellular and molecular biology and microbiology.

The Master of Arts in Education degree with an option in Biology is offered by the College of Education in cooperation with the Department of Biological Sciences. Requirements for the degree are found in the College of Education section of this *Catalog*.

The Department of Biological Sciences cooperates with other natural science departments in the College of Arts and Sciences and the College of Education in offering the Master of Arts in Education with an option in Biology. This option is primarily for non-specialized science teachers and is described in the College of Education section of this *Catalog*.

MASTER OF SCIENCE Biology

Admission — All applicants must meet the general requirements established by the Office of Graduate Education and Research for clear admission. Final acceptance of an applicant is determined by the Graduate Affairs Committee of the Department of Biological Sciences.

All applications to the Graduate School must include: (1) three letters of recommendation, (2) scores on the verbal, quantitative, and analytical portions of the Graduate Record Examination, (3) a statement by the applicant defining career interests and reasons for pursuing graduate studies, and (4) official copies of transcripts. All applicants must meet the general requirements established by the Graduate School for clear admission. In addition, applicants taking the Graduate Record Examination after October 1, 2002, must have a minimum score of 350 on both the Verbal and Quantitative portions of the exam, and a minimum score of 2.0 on the GRE

Analytical Writing Measure. Applicants who took the GRE prior to October 1, 2002, must have a minimum score of 1000 (Verbal, Quantitative, and Analytical combined.) Applicants should have an undergraduate major in an area of the biological sciences, including courses in general biology (equivalent to general botany and general zoology), genetics, physiology, and a field-oriented biology course. Supporting courses in chemistry, physics, and mathematics are recommended. Any deficiencies in a successful applicant's undergraduate training will be specified by the Department's Graduate Affairs Committee at the time of admission, and must be satisfied early in the graduate program. All deficiencies must be completed prior to achieving candidacy for the Master of Science degree.

Core Requirements — Graduate students must complete a minimum of 30-36 graduate semester hours for the Master of Science degree, depending on whether a thesis or non-thesis program is followed. At least 50 percent of the course work hours (excluding thesis hours) must be at the 800 level. The planned program of study must consist of: (1) at least 21-27 semester hours of biology including Biostatistics (BIO 710; 3 hours) or Applied Statistical Inference (STA 700; 3 hours), Scientific Literature and Writing in Biology (BIO 801; 2 hours), and Graduate Seminar (BIO 890; 1 hour), and (2) nine semester hours of additional electives in biology or other courses in the natural and mathematical sciences. Finally, all students must demonstrate their knowledge of biology by successfully passing at least three written comprehensive examinations and by passing an oral examination.

A grade point average of 3.0 must be maintained; a maximum of six semester hours of course work with a grade of "C" may be applied toward degree requirements.

Thesis — Six semester hours of Thesis Research (BIO 891) are required in the 30-hour thesis program. A thesis based on the student's research must be submitted. Eighteen hours of electives will complete the requirements for the degree. The Applied Ecology Option will require completion of the thesis. Credit will not be given for BIO 880 (Current Review of Biology) or BIO 881 (Independent Study) in this program.

Non-thesis — Three semester hours of BIO 880 (Current Review of Biology) are required in the 36-hour non-thesis program. Twenty-seven hours of electives will complete the requirements for the degree. The Applied Ecology Option cannot be completed under this plan. Credit will not be given for BIO 891 (Thesis Research) in this program.

Admission to Candidacy — Admission to candidacy for the degree program is a function of the student's academic performance at the graduate level. Candidacy must be achieved no later than the third week of the semester in which a student is enrolled in any of the last 12 hours of the degree program. All academic deficiencies must be satisfied, and all other pertinent requirements of the Graduate School and the Department must be met before a student can achieve admission to candidacy. See the general regulations of the Office of Graduate Education and Research for admission to candidacy elsewhere in this *Catalog*.

Biology Program

Biology Core	6 hours
BIO 710 or STA 700, BIO 801, 890.	
Electives	18 hours
Thesis	6 hours
BIO 891 (credit will not be given for BIO 880 or BIO 881 in this option).	
Non-thesis	12 hours
BIO 880 (credit will not be given for BIO 891 in this option)	
	3 hours
Nine additional elective hours of graduate course work	
	9 hours
Total Curriculum Requirements	30-36 hours*

*Program must consist of at least 21 hours of biology.

Applied Ecology Option

Biology Core	6 hours
BIO 710 or STA 700, BIO 801, 890.	
Thesis	6 hours
BIO 891.	
Applied Ecology	11 hours
BIO 848, 849, 850; One course from BIO 714, 718, 721, 722, 724, 725, 742, 753, 754, 756, 757, 758, 761, 802, 806, 816, 845, 846, GEO 755, 756.	
Electives	7 hours
Total Curriculum Requirements	30 hours

Bioinformatics Option

Biology Core	6 hours
BIO 710 or STA 700, BIO 801, 890.	
Bioinformatics*	28 hours
BIO 711, CSC 730, 735, 740 or 745, 831.	
At the University of Louisville: CECS 660.	
9 hours of applied research at the University of Louisville or the University of Kentucky.	
Electives	4 hours
Approved BIO or CSC courses at 800 level.	
Total Curriculum Requirements	38 hours

*Courses equivalent to BIO 121, 315, 348, CSC 190, 191, 195 may be required as prerequisites.

DEPARTMENT OF CHEMISTRY

Dr. Alan Schick, Acting Chair
Tom Otieno, Acting Graduate Coordinator
www.chemistry.eku.edu
 (859) 622-1456

The Department of Chemistry offers the Master of Science degree in Chemistry. This program provides each candidate with depth of understanding in several branches of chemistry and a background of theory in at least one area of chemistry sufficient to permit independent study and creative thinking. The research phase of the program provides each candidate with the

opportunity to integrate the use of modern chemical literature with fundamental laboratory techniques and thereby to arrive at the threshold of independent research.

The Department of Chemistry cooperates with the other natural science departments and the College of Education in offering the degree of Master of Arts in Education with an option in Physical Science. The program is primarily for non-specialized science teachers and is described more thoroughly in the College of Education section of this *Catalog*.

**MASTER OF SCIENCE
Chemistry**

Admission — Applicants should provide evidence of ability to pursue graduate study, and meet the general requirements for admission to the Graduate School.

Prerequisites — The following requirements must be completed prior to clear admission to graduate study: one year each of introductory chemistry, organic chemistry including laboratory and physical chemistry; one semester of analytical chemistry. Other courses normally included in the Bachelor of Science curriculum as described by the American Chemical Society may be assigned as required courses beyond the minimum 30 hours if it is ascertained that a deficiency exists. Enrollment in graduate courses will be restricted until these prerequisites have been completed.

Candidacy — In order to receive recommendation for admission to candidacy, the student must: have achieved clear admission; maintain a 3.0 grade point average through all graduate hours; have completed all background deficiencies as indicated. Refer to the General Academic Information Section of this *Catalog* for complete degree completion requirements.

Thesis Option — A thesis based upon the original research in the area of the student's research emphasis must be submitted. A final comprehensive oral examination in defense of the thesis and related course work is required.

Non-thesis Option — A detailed written report on a current topic in chemistry is required. A final comprehensive oral examination on the report and related course work is required.

Chemistry Program

A minimum of 30 semester hours of graduate credit is required. The program shall include the following:

Chemistry Core	15 hours
CHE 760, 772, 822, 850, 880, 890.	
Electives	9 hours
800-level Chemistry, including selected topics courses	
	6 hours
Any graduate level course in the sciences or mathematics	
	3 hours
Thesis	6 hours
CHE 895	
	6 hours
Non-thesis Option	6 hours
CHE 892	
	3 hours
Three additional hours of graduate course work	
	3 hours
Total Curriculum Requirements	30 hours

DEPARTMENT OF COMPUTER SCIENCE

Dr. Jaleh Rezaie, Chair
www.computerscience.eku.edu.
(859) 622-2398

The Department of Computer Science offers the Master of Science degree in Applied Computing with options in Software Engineering, Business Computing, and Industrial Computing.

MASTER OF SCIENCE Applied Computing

Program Objectives

The objectives of the Master of Science in Applied Computing program are:

1. To provide an advanced degree accessible to computing professionals (offered evenings and weekends).
2. To improve the technical skills of computing professionals.
3. To improve the business skills of computing professionals - especially those in contracting positions.
4. To teach the analysis and design skills needed to make wise technical choices.
5. To provide in-depth studies in specific areas of computing.
6. To provide capable computing consultants.
7. To provide teachers for community colleges and technical schools.
8. To teach legal, social, and ethical issues related to computer professionals. The legal issues include obligations and liabilities.

Admission — To be eligible for a clear admission to graduate standing applicants must have (1) a baccalaureate degree from an accredited institution with minimum grade point average (GPA) of 2.75 overall, or 3.0 on the last 60 semester hours of the baccalaureate program, and (2) satisfactory scores on GRE or GMAT. The minimum satisfactory scores are: 1000 points of the sum of Verbal Quantitative with 600 points of Quantitative on GRE, or 500 points of Overall with 40 points of Quantitative on GMAT.

Applied Computing Program

Core Requirements 12 hours
CSC 730, 735, 745, 831.

Option in Software Engineering 18 hours
CSC 746, 812, 833, 834, 835, 860.

Electives 6 hours
Total Curriculum Requirements 36 hours

Option in Business Computing 18 hours
CSC 834, 860, CCT 850, CIS 850, 860, MGT 850.

Electives 6 hours
Total Curriculum Requirements 36 hours

Option in Industrial Computing 21 hours
CSC 812, 834, 860, INT 730, 801, 804, 805.

Electives 3 hours
Total Curriculum Requirements 36 hours

Option in Bioinformatics* 22 hours
BIO 710 or STA 700, BIO 711, 801, 890, CECS 660
(Introduction to Bioinformatics at U of L), plus nine (9) credit hours at 800 level for research at U of L.

Electives (must be at 800 level) 3 hours

Total Curriculum Requirements 37 hours

*Courses equivalent to BIO 121, 315, 348, CSC 190, 191, 195 may be required as prerequisites.

Option in Statistical Computing 18 hours
STA 700, 701, 775, 880 and two of STA 890, CSC 812, 833, 834, 890 (with approved topic for this option), or INT 805.

Electives 6 hours

Total Curriculum Requirements 36 hours

ELECTIVES

Select electives from the following: CCT 850, CIS 850, 860, 870, CSC 740, 746, 750, 812, 833, 834, 835, 842, 860, 890, 895, ECO 854, INT 706, 730, 801, 804, 805, MAT 706, 755, 806, 871, 872, MGT 850, STA 700, 720, 721, 775, 785, TEC 830, 867. Credit in a student's declared option does not apply toward the elective requirements. The total number of hours of option and elective course work in the College of Business and Technology cannot exceed 15.

Admission to Candidacy — The student must be admitted to candidacy no later than the third week of the semester in which the student is enrolled in any of the last 12 semester hours of the planned program.

Comprehensive Examination — Each candidate, near the end of the Master's program, must pass a two-hour written or oral examination designed to test the student's general knowledge of his/her program of study. The student has the option of selecting the written or oral examination.

DEPARTMENT OF EARTH SCIENCES

Dr. Malcolm Frisbie, Chair
www.earthsciences.eku.edu.
(859) 622-1273

The Department of Earth Sciences 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 more in-depth knowledge of at least one sub-discipline of geology through concentrated thesis research or literature review. Sub-disciplines of geology recommended for thesis research or literature review include geochemistry, surficial geology, geomorphology, hydrogeology, paleontology, petrology, sedimentology, stratigraphy, structural geology, and tectonics. The program emphasizes solution of geologic problems through combined library research, field studies and laboratory applications. The Department of Earth Sciences cooperates with the other natural science departments and the College of Education in offering the Master of Arts in Education with an option in Earth Science. Regulations for this degree can be found in the College of Education section of this *Catalog*.

**MASTER OF SCIENCE
Geology**

Admission — The Department of Earth Sciences adheres to the requirements for general admission to graduate degree study as described in the General Academic Information Section of this *Catalog*. Minimum GRE score: for test taken before October 1, 2002: combined verbal and, quantitative, and analytical total score of 1000; for test taken after October 1, 2002: combined verbal and quantitative total score of 670. Prospective graduate assistants should forward three letters of recommendation directly to the Department of Earth Sciences.

Prerequisites — Applicants who have completed an undergraduate major in geology equivalent to the Bachelor of Science degree in Geology at Eastern Kentucky University qualify for clear admission into the M.S. degree program. Applicants who have completed an undergraduate major in another science or mathematics can qualify for admission but they may be required to complete GLY 703 and/or GLY 704 in addition to program requirements, and GLY 750 as part of their program. They may also be required to remediate designated deficiencies in undergraduate support areas. All students must successfully complete an approved geology field camp, either with their undergraduate program or before completing the M.S. degree in Geology. Other field experience may qualify as a substitute for the geology field camp requirement.

Candidacy — In order to qualify for admission to candidacy for the M.S. degree program, the student must have: (1) achieved clear admission; (2) completed all deficiencies as designated; (3) achieved a 3.0 grade point average for all graduate course work.

Thesis and Non-Thesis Options — Students in the M.S. degree program must either complete a research thesis or a comprehensive literature review of a current problem in geology. The student chooses the topic of the thesis or of the literature review in consultation with his/her permanent committee.

Comprehensive Examination — An oral examination in defense of the thesis or of the literature review, together with related course work, is required.

Geology Program

Required Core* 6 hours

GLY 802,803, 804

Distribution Electives 9 hours

Must take three hours from three of the following four broad subject areas.

1. Earth Materials: GLY 712, 822, 823; and GLY 780 & 880, if so designated.+
2. Earth Processes: GLY 805, 821, 860; and GLY 780 and 880, if so designated.+
3. Historical and Regional Geology: GLY 750; and GLY 780 and 880, if so designated.+
4. Applied Geology: GLY 735, 740, 836, 837, 838; and GLY 780 & 880, if so designated.+

+GLY 780 & 880 are variable topic courses, dependent on student interest and available resources; designation to one of the above subject areas is at the discretion of the Department Graduate Committee.

Other Electives 9 hours

Selected with prior approval of student’s advisor; may include relevant offerings of other departments.

Thesis 6 hours

GLY 899 (credit will not be given for GLY 890 in this option)

Non Thesis 12 hours

GLY 890 (credit will not be given for GLY 899 in this option) 3 hours
 Nine additional elective hours of
 graduate course work 9 hours

Total Curriculum Requirements 30-36 hours

***Students with a baccalaureate degree other than in geology may be required to complete GLY 703 and/or GLY 704 in addition to the above prior to candidacy and GLY 750.**

DEPARTMENT OF ECONOMICS

Dr. John Wade, Chair
www.economics.uku.edu
 (859) 622-1769

The Department of Economics provides graduate level courses as support for graduate programs in related disciplines.

**DEPARTMENT OF ENGLISH AND
THEATRE**

Dr. Charlie Sweet, Acting Chair
Dr. Salome Nnoromele, Program Coordinator
Dr. James R. Moreton, Theatre Director
www.english.uku.edu
 (859) 622-5861

The Department of English offers a 30 hour program of study leading to the Master of Arts degree in English.

The Master of Arts in Education degree with an option in English is offered in the College of Education with the cooperation of the Department of English. The Master of Arts in Teaching degree with an option in English is also offered in the College of Education. The regulations for these degrees may be found in the College of Education section of this *Catalog*.

**MASTER OF ARTS
English**

The graduate program in English is designed to train students in various areas of the discipline and provide them with both breadth and depth appropriate to the advanced level. Areas of the discipline are categorized below.

Admission — Applicants must meet the general requirements of the Graduate School. They must have achieved satisfactory scores on the Graduate Record Examination with at least a 400 on the verbal section and a 3.0 or better on the analytic section. For students who took the GRE before October 2002, a composite score of 1200 and a verbal score of 400 are required. They also should have completed at least an undergraduate minor in English

and/or be prepared to do additional hours to remove any deficiency in their undergraduate preparations. Ordinarily a 3.0 standing must have been achieved in upper division English courses.

Candidacy — Refer to the General Academic Information Section of this *Catalog* for complete degree completion requirements.

Thesis — The thesis is optional in this program. Students electing the thesis option will receive a maximum of six hours for ENG 898 and 899. A student wishing to write a thesis must prepare a prospectus and have it approved by the thesis committee and relevant faculty section before registering for thesis hours. The thesis must be prepared in conformity with the regulations approved by the Graduate Council and the Department of English. Detailed information concerning the preparation and submission of the thesis may be obtained in the office of the program advisor.

Program Planning — Graduate students in English may: prepare for careers of teaching on the college and pre-college levels; engage in literary research and composition on advanced levels; prepare for further advanced study and degrees; or pursue other pre-professional goals.

Students must complete the 9 hours of the core curriculum as outlined below. In addition students must choose one of the five areas of specialization listed by earning 9 to 15 hours in the selected area; both ENG 809 and 812 may be applied to either the core requirement or the Rhetorical Studies area. However, neither can by itself be simultaneously applied to both. Additionally, all students must complete one course from either the British or American Literature categories and one course from the Language Studies/ESL category. Conferences between students and the program advisor will ensure that elective hours are used to meet the program needs of the individual. Normally, students will not be permitted to count toward degree requirements more than 15 hours in any one category. Also, at least half the course work, excluding thesis, practicum, or internship credit, must be in courses open only to graduate students, i.e., 12 credit hours in graduate-only courses in the thesis option and 15 credit hours in graduate-only courses in the non-thesis option.

- Core Courses** 9 hours
ENG 808; 809 or 812; and 833.
- Areas of Specialization** 9-15 hours
 - British Literature**
ENG 730, 735, 750, 825, 870, 873, 876, 878, 880.
 - American Literature**
ENG 730, 735, 750, 850, 853, 854.
 - Rhetorical Studies**
ENG 700, 800, 805, 806, 809, 812, 827.
 - Language Studies/English as a Second Language**
ENG 710, 715, 720, 807, 810, 825, EMS 775.
 - Creative Writing**
ENG 700, 702, 703, 804.
- Electives in English** 6-12 hours
- Total Requirements** 30 hours

NOTE: ENG 839, 890, 898, and 899 may be counted as determined by specific subject matter and with the approval of the program advisor, in any of the above categories.

Comprehensive Examinations — All students are required to take a written comprehensive examination. Students seeking to complete a thesis are required to give an oral defense of their thesis

and to be examined orally on related course work. Comprehensive and oral examinations will be scheduled approximately one month before the end of the student's final enrollment period in graduate work for the degree.

DEPARTMENT OF FOREIGN LANGUAGES AND HUMANITIES

Dr. José Varela, Chair
www.foreignlanguages.eku.edu
 (859) 622-2996

The Department of Foreign Languages and Humanities cooperates with the College of Education in offering the Master of Arts in Teaching with the option in Spanish. The program is described in the College of Education section of this *Catalog*.

DEPARTMENT OF GEOGRAPHY

Dr. Bruce E. Davis, Chair
www.geography.eku.edu
 (859) 622-1418

The Department of Geography 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. The regulations for this degree may be found in the College of Education section of this *Catalog*.

DEPARTMENT OF GOVERNMENT

Dr. JoAnn Ewalt, Interim Chair
Dr. Terry Busson, Program Coordinator
www.government.eku.edu
 (859) 622-5931

The Department of Government offers work leading toward the degrees of Master of Arts and Master of Public Administration. 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 this *Catalog*.

Special Program Requirements*

MASTER OF ARTS Political Science

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.

Admission — The following criteria are set for an admission: (1) students must meet the minimum standards for cumulative undergraduate grade point average and general portion of the Graduate Record Examination as set by the Office of Graduate Education and Research; (2) letters of reference from two persons qualified to evaluate potential for successful performance in a program of graduate study in political science must be provided to the department; (3) at least 12 semester hours of political science are required for admission; and (4) a "Cumulative Value Index," score of at least 50.0. The following formula is employed in calculating the score on the "Cumulative Value Index." (Undergraduate Grade Point Average times 15) plus (the sum of the percentile scores on the verbal and quantitative portions of the GRE General Exam times .20) equals the Cumulative Value Index.

Students who meet the Graduate School minimums but do not have a Cumulative Value Index score of at least 50.0 may be granted a 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 with a grade point average of at least 3.0 (on a 4.0 scale) and with no more than one grade, regardless of the number of course credit hours, of "C" or lower. Students must be removed from probationary admission prior to registering in any course work beyond an initial twelve hours.

*Students must also meet the general requirements of the Graduate School.

Thesis Program

Political Science Core	24 hours
POL 800 and POL 878	6 hours
Three courses from POL 717, 721, 843, or 853	9 hours
American Government Elective	3 hours
(must be 800 level if both POL 717 & 721 are used above)	
POL 899 Thesis	6 hours
Electives (must have prior approval by advisor to count for the degree)	9 hours
Total Requirements	33 hours

Non-Thesis Program

Political Science Core	21 hours
POL 800 and POL 878	6 hours
Three courses from POL 717, 721, 843, or 853	9 hours
American Government Elective	3 hours
(must be 800 level if both POL 717 & 721 are used above)	
POL 891 Directed Research	3 hours
Electives (must have prior approval by advisor to count for the degree)	12 hours
Total Requirements	33 hours

Program Plan — During the first term, graduate students must meet with their advisor to develop a planned program. Students for whom program plans have not been appropriately filed will not be eligible for a second registration.

Admission to Candidacy — After a semester of full-time graduate study or before enrollment in any of the last 12 hours of the

program, students must apply for admission to degree candidacy. Refer to the General Academic Information section of this *Catalog* for complete degree completion requirements.

Comprehensive Examination — A written preliminary examination on the political science core is required. An oral comprehensive final examination which covers the student's program of study and its relation to the discipline of political science is required.

Thesis — Students who elect to write a thesis must submit an acceptable thesis. An oral defense of the thesis is also required.

**MASTER OF PUBLIC ADMINISTRATION
Public Administration**

First of its kind in Kentucky when created in 1968, the Master of Public Administration program prepares qualified individuals, both entry level and mid career, for advanced professional positions in the administration of public and non-profit programs. The program also may be appropriate for individuals in the private sector who have responsibility for public sector contracts, regulatory compliance, or other liaison and oversight activities.

Special emphasis is placed on regional and local government. In addition to a general option, specialized programs of study are offered in community development administration, community health administration, and environmental health administration.

The MPA program is accredited by the National Association of Schools of Public Affairs and Administration.

For admission to the program, students must meet both the general requirements of the Graduate School and the requirements of the MPA program. Students in the MPA program come from a variety of undergraduate degree programs, and admission decisions are based on an overall assessment of a student's application and ability to meet admission criteria of the program.

Admission — The following criteria are set for an admission: (1) students must meet the minimum standards for cumulative undergraduate grade point average and general portion of the Graduate Record Examination as set by the Office of Graduate Education and Research; (2) letters of reference from two persons qualified to evaluate potential for successful performance in a program of graduate study in public administration must be provided to the department; (3) a "Cumulative Value Index," score of at least 50.0. The following formula is employed in calculating the score on the "Cumulative Value Index." (Undergraduate Grade Point Average times 15) plus (the sum of the percentile scores on the verbal and quantitative portions of the GRE General Exam times .20) equals the Cumulative Value Index.

Students who meet the Graduate School minimums but do not have a Cumulative Value Index score of at least 50.0 may be granted a 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 with a grade point average of at least 3.0 (on a 4.0 scale) and with no more than one grade, regardless of the number of course credit hours, of "C" or lower. Students must be removed from probationary admission prior to registering in any course work beyond an initial 12 hours. At least six hours of the first 12 hours must be in the common MPA core.

Program — The MPA Degree program requires satisfactory completion of a minimum of 39 credit hours. All students take a common program core of 21 credit hours. The program core consists of courses in:

- Administration, Ethics and Public Policy
- Administrative Law
- Research Methods
- Public Sector Organizations and Management
- Public Human Resources Management
- Public Finance Administration
- Policy Analysis and Program Evaluation.

In addition to these program core courses all students will enroll in and execute a “Field Study in Public Administration” for six credit hours.

While observing the above requirements, students may choose to complete the general degree program or may choose from three options within the program. Curriculum requirements for the general program and options are as follows:

General Degree Program

- MPA Core** 21 hours
POL 765, 800, 801, 875, 876, 877, and 879.
- Field Study in Public Administration** 6 hours
POL 871.
- Electives** 12 hours
Must have approval of advisor to count for degree.
- Total Requirements** 39 hours

Community Health Administration Option

- MPA Core** 21 hours
POL 765, 800, 801,875,876, 877, and 879.
- Community Health Core** 12 hours
All students in this option will take HEA 898 and with their advisor’s prior approval select nine hours from the following:
HEA 816, 855 798, 875, 880.
- Field Study in Public Administration** 6 hours
POL 871.
- Total Requirements** 39 hours

Community Development Option

- MPA Core** 21 hours
POL 765, 800, 801, 875, 876, 877, and 879.
- Community Development Core** 12 hours
All students in this option will take POL 845 and with their advisor’s prior approval select nine hours from the following:
POL 733, 835, GEO 725, GEO 701, SOC 865, ECO 780, 790, LAS 735.
- Field Study in Public Administration** 6 hours
POL 871.
- Total Requirements** 39 hours

Environmental Health Option

- MPA Core** 12 hours
POL 765, 800, 801, 875, 876, 877, and 879.
- Environmental Health Core** 12 hours
All students in this option will take EHS 850, and with their advisor’s prior approval select nine hours from the following
EHS 825, EHS 845, EHS 855, EHS 870, EHS 880.
- Field Study in Public Administration** 6 hours
- Total Requirements** 39 hours

Program Plan — During the first term, graduate students must meet with their advisor to develop a planned program. Students for whom program plans have not been appropriately filed will not be eligible for a second registration.

Admission to Candidacy — After a semester of full-time graduate study or its equivalent and before enrollment in any of the last 12 hours of the program, a student must apply for admission to degree candidacy. Upon admission to candidacy students become eligible to take their written preliminary examination in the field of public administration. Refer to the General Academic Information section of this *Catalog* for complete degree completion requirements.

Comprehensive Examinations — Comprehensive oral examinations are held after application for a degree has been filed and evidence exists indicating that a student should complete all degree requirements including the supervised field study.

DEPARTMENT OF HISTORY

Dr. David Sefton, Acting Chair
Dr. David Blaylock, Graduate Coordinator
www.history.eku.edu
 (859) 622-1287

The Department of History offers the Master of Arts in history through both thesis and non-thesis program plans. Both program plans provide courses in American and non-American history. The College of Education offers the Master of Arts in Education degree in secondary education with an option in history, and regulations for that degree may be found in the College of Education section of this *Catalog*.

Special Program Requirements*

MASTER OF ARTS
History

Admission — Admission is determined by the Department of History in cooperation with the Office of Graduate Education and Research. The following is required of each candidate:

Satisfactory performance on the Graduate Record Examination before or during the first summer or regular academic semester the student is enrolled.

An overall undergraduate grade point average of 2.5 or of 2.75 (on a 4.0 scale) on the last 60 semester hours of the baccalaureate program.

Completion of at least a satisfactory undergraduate minor in history or the equivalent.

Applicants must arrange for submission of three letters of recommendation directly to the department.

Candidacy — Refer to the General Academic Information section of this *Catalog* for complete information on degree completion requirements.

*Students must also meet the general requirements of the Graduate School.

Thesis Plan

- Foundation Course** 3 hours
HIS 800 Historiography and Criticism.
- American History** 9 hours*
Choose from HIS 716, 860, and/or , if topic is appropriate, 849, 864, or 865.
- European History** 6 hours*
Choose from HIS 861, and/or, if topic is appropriate, 849, 864, or 865.
- Asian, African or Latin American History** 3 hours*
Choose from HIS 842, 863, or, if topic is appropriate, 849, 864, or 865.
- Thesis** 6 hours
HIS 899.
- History Electives** 3 hours
(Choose from graduate courses in U.S., European, Asia/Africa or Latin American history.)
- Total Requirements** 30 hours

*NOTE that the department requires that at least one of the courses used to satisfy the eighteen credit hours represented by these three requirements cover in a substantial way a period before the year 1800.

Thesis — Each candidate must submit a thesis which demonstrates an appropriate level of skill in historical research and writing. Should the thesis topic selected require additional research skills (i.e. foreign language, statistics, or other), the candidate may be required by the graduate committee to acquire, through additional course work, the necessary skills. The student must complete six hours of thesis credit (HIS 899) and may, if extra time is needed to complete the project, register for six additional hours of thesis credit, although this extra six hours does not count as part of the thirty total credit hours needed for completion of the History M.A. program. The thesis shall be submitted to the student’s major professor at least 30 days in advance of graduation. Acceptance of the thesis shall be decided by a special reading committee. This committee shall be composed of the major professor and two other faculty members recommended by the chair of the major department and appointed by the Dean of Graduate Education and Research. The committee shall complete its review of the thesis at least one week prior to the final oral examination. Two unbound copies of the accepted thesis, signed by the committee, must be deposited with the Dean of the Graduate Education and Research at least two weeks before summer commencement and three weeks prior to the end of either the fall or spring semesters.

Language — Though the department no longer maintains a language requirement, it strongly recommends that students who plan to seek a doctoral degree should acquire foreign language proficiency while completing the masters degree.

Comprehensive Examination — The program will culminate in a written comprehensive examination designed to test the student’s general knowledge of history and an oral defense of the thesis.

Non-Thesis Plan

- Foundation Course** 3 hours
HIS 800 Historiography and Criticism.
- American History** 9 hours*
Choose from HIS 716, 860, and/or, if topic is appropriate, 849, 864, or 865.
- European History** 6 hours*
Choose from HIS 861, and/or, if topic is appropriate, 849, 864, or 865.
- Asian, African or Latin American History** 6 hours*
Choose from HIS 842, 863, and/or, if topic is appropriate, 849, 864, or 865.
- History Electives** 6 hours
Choose from graduate courses in U.S., European or Asia/Africa or Latin American history.
- Total Requirements** 30 hours

*NOTE that the department requires at least two of the courses used to satisfy the twenty-one credit hours represented by these three requirements cover in a substantial way a period before the year 1800.

The department strongly recommends that students who plan to seek a doctoral degree not choose the non-thesis plan. At least one-half of the course work leading to the degree must be in 800-level courses.

Comprehensive Examination — Upon completion of course work, the student’s knowledge of history will be tested by a comprehensive written examination. The program will culminate in an oral examination designed to test the student’s mastery of graduate course work.

DEPARTMENT OF MATHEMATICS AND STATISTICS

Dr. Patrick Costello, Acting Chair
www.math.eku.edu
(859) 622-5942

The Department of Mathematics and Statistics offers the Master of Science degree in the Mathematical Sciences. The student may elect courses from mathematics or statistics to fulfill the degree requirements.

The Master of Arts in Education degree options in Mathematics is offered in the College of Education with the cooperation of the Department of Mathematics and Statistics. The requirements for the degree may be found in the College of Education section of this *Catalog*.

**MASTER OF SCIENCE
Mathematical Sciences**

Program Objectives

The objectives of the graduate Mathematical Sciences program are:

1. To provide a graduate program in the mathematical sciences leading to a degree which prepares students for careers in government or industry; for teaching at the college, junior college, or pre-college level; or for graduate study towards the Ph.D. degree in a mathematically-related field.
2. To include in this program courses in the areas of mathematics and statistics and courses demonstrating the relationships among these fields.
3. To guide students in tailoring a program of study ideally suited to their undergraduate background, aptitude, and career interests.

Admission — Clear admission to graduate standing will be granted to those students who have acceptable scores on the GRE, an acceptable undergraduate grade point average, and whose preparation contains the prerequisites for the core courses in mathematics. (For example, nine hours of calculus and courses in linear algebra, modern algebra and real analysis would be sufficient.) Applicants who do not have this preparation may be granted admission without required prerequisites and given the undergraduate courses needed to strengthen their backgrounds. Students must also meet the general requirements of The Graduate School.

Mathematical Sciences Program

Curriculum for the General Program

Core Requirements 15 hours
 MAT 809, 810, 815, 850, and choose one of MAT 755, 760, STA 720, STA 785.
Electives** 15 hours
Total Curriculum Requirements 30 hours

Option in Mathematics

Core Requirements 15 hours
 MAT 809, 810, 815, 850, and choose one of MAT 755, 760, STA 720, STA 785.
Option Requirements 6-12 hours
 Complete at least 21 hours of courses with a MAT prefix including MAT 760, 809, 810, 815, and 750 or 850.
 Only 3 hours of MAT 880 may count toward fulfilling the option requirements.
Electives** 3-9 hours
Total Curriculum Requirements 30 hours

Option in Computer Science

Core Requirements 15 hours
 MAT 809, 810, 815, 850, and choose one of MAT 755, 760, STA 720, STA 785.
Option Requirements 9-12 hours
 CSC 831 and 833 and 6 hours from CSC 745, 746, 834, 842, 880.
 Only 3 hours of CSC 880 may count toward fulfilling the option requirements.
Electives** 3-6 hours
Total Curriculum Requirements 30 hours

Option in Statistics

Core Requirements 15 hours
 MAT 809, 810, 815, 850, and choose one of MAT 755, 760, STA 720, STA 785.
Option Requirements 9-12 hours
 STA 720 and 721 and 6 hours from STA 701, 775, 785, 880.
 Only 3 hours of STA 880 may count toward fulfilling the option requirement.
Electives** 3-6 hours
Total Curriculum Requirements 30 hours

**No student can apply more than 12 hours of CSC or 12 hours of STA credits toward the M.S. degree. Each student must apply 15 hours of MAT credits, at least 12 of which are from 800 level courses, toward the M.S. degree. Electives for the general program and for the options in mathematics and statistics may include thesis, MAT 899, 3 - 6 hours. Those students who elect to submit a thesis for partial fulfillment of the requirements of the Master of Science in Mathematical Sciences must prepare it according to the regulations of the Office of Graduate Education and Research and the Department of Mathematics and Statistics.

Admission to Candidacy — The student must be admitted to candidacy no later than the third week of the semester in which the student is enrolled in any of the last 12 semester hours of the planned program.

Comprehensive Examination — Each candidate, near the end of the Master's program, must pass a written examination covering the various components of the candidate's program.

DEPARTMENT OF MUSIC

Mr. Rob R. James, Chair
Karin Sehmman, Coordinator
www.music.eku.edu
 (859) 622-3266

The Department of Music offers the Master of Music degree with options in Performance, Theory/Composition, Choral Conducting, Instrumental Conducting, and General Music.

Music MASTER OF MUSIC—All Options

Admission — Applicants for admission to the Master of Music program must:

1. Meet all admission requirements of the Graduate School;
2. Hold a bachelor's degree in music or certification in music from an accredited institution;
3. Have a 2.7 overall undergraduate GPA;
4. Submit 3 letters of recommendation;
5. Must demonstrate competent applied music skills through a performance audition for either applied study or for admission to music ensembles.

Admission Requirements for Individual Options

Performance Option

Candidates must audition before a committee of music faculty (taped auditions may be allowed); and must possess an undergraduate degree in music from an accredited institution.

Note: Voice candidates in their audition must include works in French, Italian, and German and must have either a demonstrated competency or at least two semesters of undergraduate course work in any one language—French, Italian, or German.

Choral Conducting Option

Candidates must conduct before a committee of music faculty (videotaped auditions are allowed); and must possess either an undergraduate degree in music from an accredited institution or equivalent course work.

Note: Before being admitted to Candidacy, students must earn an "A" in Advanced Choral Conducting.

Theory Composition Option

Candidates must submit examples of compositions and/or analytical papers for review by music faculty; and must possess either an undergraduate degree in music theory/composition from an accredited institution or course work equivalent to Eastern Kentucky University's undergraduate theory/composition requirements.

Instrumental Conducting Option

Candidates must conduct before a committee of music faculty (videotaped auditions may be allowed); and must possess either an undergraduate degree in music from an accredited institution or equivalent course work.

Note: Before being admitted to candidacy, students must earn an "A" in Instrumental Conducting.

General Music Option

Candidates must either have passed the Praxis II specialty area exam in music or must submit either undergraduate papers in music or an undergraduate music portfolio. Candidates must possess either an undergraduate degree in music from an accredited institution or equivalent course work.

Candidacy — Refer to the General Academic Information Section of this *Catalog* for complete degree completion requirements.

Thesis — The thesis is optional in this program.

Comprehensive Examination — The program will be culminated by a written or oral comprehensive examination testing the candidate's general knowledge of music.

Program — The general format of the program appears below:

Core Courses	12 hours
MUS 755 or 756 (Music Literature)*	3 hours
MUS 872 (Music History)	3 hours
MUS 884 or 887 (Music Theory)	3 hours
MUS 896, 897, or 899 (Project, Recital, or Thesis) .	3 hours
Options	10-11 hours
Options are available in performance, theory/composition, choral conducting, instrumental conducting and general music.	
Electives	9-10 hours
Total Requirements	32 hours

*Students who have completed MUS 555 or 556 or an equivalent course as part of their undergraduate degree program should substitute three additional hours of MUS 872.

Option in Performance

Core Courses	12 hours
Option	10 hours
Applied Music Courses	
Electives	10 hours
Total Requirements	32 hours

Option in Theory/Composition

Core Courses	12 hours
Option	10 hours
MUS 886 (Counterpoint)	3 hours
MUS 888 (Analytical Techniques II)	3 hours
MUS 889 (Advanced Composition)	2 hours
MUS 788 (Pedagogy of Theory)	2 hours
Electives	10 hours
Total Requirements	32 hours

Option in Choral Conducting

Core Courses	12 hours
Choral Conducting option must elect MUS 756.	
Option	11 hours
MUS 765 (Advanced Choral Conducting)	2 hours
MUS 880 (Advanced Choral Procedures)	2 hours
MUS 883 (Seminar in Choral /Instrumental Conducting)	2 hours
MUS 825 or 826 (Choir or University Singers)	1 hour
MUS 898 (Research in Music and Music Education)	3 hours
Applied Music	1 hour
Electives	9 hours
Total Requirements	32 hours

Option in Instrumental Conducting

Core Courses	12 hours
Instrumental Conducting option must elect MUS 755 and MUS 896.	
Option	11 hours
MUS 764 (Advanced Instrumental Conducting)	2 hours
MUS 883 (Seminar in Choral/Instrumental Conducting)	2 hours
MUS 751 (Performance Literature) or MUS 754 (Band Lit.)	2 hours
MUS 835 or 855 (Orchestra or Band)	1 hour
Applied Music	1 hour
MUS 898 (Research in Music and Music Education)	3 hours
Electives	9 hours
Total Requirements	32 hours

Option in General Music

Core Courses	12 hours
Option	10 hours
MUS 878 (Foundations of Music)	3 hours
MUS 885 (Psychology of Music)	3 hours
MUS 712 or 750 (Piano or Teaching Tech)	1 hour
MUS 898 (Research in Music and Music Education)	3 hours
Electives	10 hours
Total Requirements	32 hours

DEPARTMENT OF PHILOSOPHY AND RELIGION

Dr. Ron Messerich, Chair
www.philosophy.eku.edu
 (859) 622-1400

The Department of Philosophy and Religion provides graduate level courses as support for graduate programs in related disciplines.

DEPARTMENT OF PHYSICS AND ASTRONOMY

Dr. Christopher Laird, Chair
www.physics.eku.edu
 (859) 622-1521

The Department of Physics and Astronomy cooperates with the other natural science departments and the College of Education in offering the Master of Arts in Education with option in Physical Science. The program is primarily for non-specialized science teachers and is described in the College of Education section of this *Catalog*.

DEPARTMENT OF PSYCHOLOGY

Dr. Robert Brubaker, Acting Chair
www.psychology.eku.edu
 (859) 622-1105

The Department of Psychology offers the Master of Science degree in Clinical Psychology and Industrial and Organizational Psychology, and the Specialist in Psychology (Psy.S.) degree in School Psychology. A certification-only program in school psychology is available for students with related master's degrees. Clinical psychology students may elect to complete a program for "Providing Services to the Deaf/Hard-of-Hearing" in cooperation with the Department of Special Education. The department also cooperates with the College of Education in offering course work for the Master of Arts in Education with an option in psychology. Requirements for this degree may be found in the College of Education section of this *Catalog*.

MASTER OF SCIENCE and SPECIALIST IN PSYCHOLOGY

Candidates must satisfy the following special requirements.

Admission — A minimum of five undergraduate courses in psychology: general psychology, statistics, and experimental psychology are required, as well as two other courses acceptable to the departmental admissions committee. An undergraduate course in industrial and organizational psychology or related course is required for the industrial and organizational psychology program. A minimum overall undergraduate grade point average of 2.5, or 2.75 for the last 60 hours, is a Graduate School requirement. Satisfactory performance on the general sections of the Graduate Record Examination is required prior to admission. A minimum combined score of 750 (V&Q) on the GRE is required for full consideration to all graduate programs in the Department of Psychology. Admission is competitive and limited to available space. Meeting the minimum requirements, therefore, does not guarantee admission. Candidates must arrange for submission of three letters of recommendation directly to the department, two related to the undergraduate major, with at least one from psychology faculty.

Applications should be received by March 15. Notification regarding admission normally will be made in April. Students applying later may be accepted as space is available.

Admission to Candidacy — Students in the clinical, industrial, organizational, and school psychology programs normally will be evaluated for candidacy at the end of the second or third semester. Candidacy evaluations are scheduled by the department faculty during December and April. Performance at or above the minimum level of academic achievement does not guarantee a student's admission to candidacy. Manifestation of satisfactory personal, professional and social adjustment are factors which enter into the department faculty's evaluation for the graduate degree in psychology. Refer to the General Academic Information section of this *Catalog* for complete degree completion requirements.

Comprehensive Examination — Candidates for the degree will take written and oral examinations in the area of study in which they seek the master's or specialist degree.

Internship — Students in both the clinical psychology and the school psychology programs must perform satisfactorily in PSY 899 or PSY 898 in partial fulfillment of requirements for the degree.

Clinical Psychology Program

Requirements for the degree are a minimum of 60 graduate hours including six credit hours for the 16 week internship. Advanced practicum and internship placements should reflect the selected clinical emphasis.

- Research Courses** 9 hours
PSY 820, 862, and (888 or 890 or approved elective).
- Theory Courses** 16 hours
PSY 826, 837, 840, 841, 847, 853.
- Techniques Courses** 19 hours
PSY 824, 825, 827, 846, 850, 857, 860.
- Experiential Course** 16 hours
PSY 828, 843 (8 hours), 899.
- Total Requirements** 60 hours

Clinical psychology students may elect to complete a program for “Providing Services to the Deaf/Hard-of-Hearing” in cooperation with the Department of Special Education. This is designed to meet the needs of individuals trained as clinical psychologists who seek to provide a range of psychological services, including assessment and psychotherapy, to deaf or hard-of-hearing children and adults. The program provides an introduction to deaf culture and the development of communication skills through the following course work cluster:

- Prerequisite Courses**** 15 hours
SED 101, SED 102, SED 115, SED 201, SED 202
** These courses or the equivalent of these courses demonstrated through proficiency in American Sign Language and an equivalent orientation to deafness.

- Required Courses** 9 hours
SED 830, PSY 845, and an additional requirement that three hours of PSY 843 must be earned in a practicum setting serving deaf or hard-of-hearing clients.

Industrial and Organizational Psychology

A total of 49 credit hours is required of candidates for the Master of Science in Industrial and Organizational Psychology. In addition to 34 hours of required courses, 3 credit hours of either thesis, master’s research project, or an approved elective and 6 credit hours of practica are required. Another 6 credit hours of electives are chosen after consultation with the program coordinator in light of the student’s academic and professional goals.

- Psychological Foundations** 19 hours
PSY 790, 820, 826, 837, 862, 868, and 888 or 890 or approved elective.
- Industrial and Organizational Psychology Core** 18 hours
PSY 870, 872, 873, 874, 875, 880.
- Practicum** 6 hours
PSY 843.
- Electives**** 6 hours
- Total Requirements** 49 hours

**Courses from other disciplines such as general business, economics, management, marketing, political science, health education, and loss prevention and safety may be suitable as electives. Electives must be approved by the program coordinator, the student’s graduate committee, and the relevant department before the courses are taken.

School Psychology Program

The school psychology program is a three calendar year (71 semester hour) program leading to the Specialist in Psychology degree in school psychology. The third year is spent in internship. The Psy.S. degree qualifies the individual to seek Kentucky and National School Psychologist Certification and licensure through the State Board of Psychology.

- Psychological Foundations** 12 hours
PSY 837, 840, 847, 853.
- Educational Foundations (1 from each group)** 9 hours
(1) EAD 800, 828.
(2) ELE 871, EMG 806, EME 873, ESE 774.
(3) SED 800 or SED 810.
- Assessment and Intervention** 25 hours
PSY 824, 827, 843 (six hours), 846, 850, 857, 865, 881.
- Professional Psychology** 4 hours
PSY 826, 848.
- Research, Evaluation, and Statistics** 9 hours
PSY 820, 862, and 868 or 888 or 890.
- Internship** 12 hours
PSY 898.
- Total Requirements** 71 hours

*Students must also meet the general requirements of the Graduate School.

Certification Program in School Psychology

This non-degree program leads to qualifying the individual to meet Kentucky certification standards for school psychology. The program is designed for students who have already earned a master’s degree in a related discipline. The student who has not yet earned a master’s degree should seek admission to the specialist in psychology program. Examples of related areas are general psychology, clinical psychology, guidance and counseling, special education, and psychometry. The program of study is individually designed for each student, based on previous graduate work, in order to meet the requirements of the specified school psychology content areas.

Admission requirements are the same as those for the Specialist in Psychology program in school psychology. Psychology courses taken as part of a previous graduate degree may be substituted for undergraduate prerequisites in psychology. Courses with other than a psychology prefix may be allowed to satisfy the psychology background requirement only after review by the Department’s Graduate Admissions Committee. Inquiries should be directed to the Department Chair or School Psychology Program Coordinator.

College of Business and Technology

DR. ROBERT B. ROGOW, Dean

(859) 622-1409

www.cbt.eku.edu

DR. JANNA VICE, Associate Dean

(859) 622-1574

The College of Business and Technology, in association with the Office of Graduate Education and Research, offers the Master of Business Administration degree and the Master of Science degree in Career and Technical Education and Industrial Technology. The Master of Science in Career and Technical Education has options in (1) technical education administration; (2) technology education; and (3) occupational training and development.

Various departments of the College provide specialized courses in support of graduate programs in their respective disciplines leading to the Master of Arts in Education degree.

Vision

The College of Business and Technology will provide the educational opportunities to enhance the entrepreneurial, technological, and professional capacity of its region.

Mission

The mission of the College of Business and Technology is to serve as a school of opportunity for students from varied cultural and educational backgrounds by providing conceptual, applied, and experiential educational approaches through instruction, research and service. The College's programs and services prepare students and others for their future and improve the economic development of the University's service region, the Commonwealth, and the nation.

Goals

To fulfill its mission, the College of Business and Technology is committed to the following goals: (1) The College will recruit, retain, and prepare a diverse student body (both undergraduate and graduate) for participation in a regionally, nationally, and globally competitive economy. (2) The College will serve as a resource to students, businesses, professionals, and communities by providing a faculty who are engaged in providing quality instruction, scholarly activities (basic, applied, and instructional), and service. (3) The College will engage in continuous improvement processes that involve its appropriate stakeholders to ensure its programs and services are relevant, current, and meet national standards.

Master of Business Administration Degree Program

CIP Code: 52.0101

Dr. Rich Robinson, MBA Director

The MBA Program is offered by the MBA Faculty, a select group of faculty in the Department of Accounting, Finance and Information Systems and the Department of Management, Marketing and Administrative Communication. The MBA Faculty meet high standards of academic achievement in research and instruction.

Program Objectives

The Master of Business Administration degree program provides for breadth of study in the functional areas of business administration and management. The program is intended to prepare students for responsible careers in business enterprises, governmental organizations, and nonprofit institutions. It is designed to provide opportunities for developing skill in scientific analysis and in an ability to integrate concepts and research findings of business and the social sciences. Students are prepared to draw logically sound conclusions, to think creatively, to communicate effectively, and to appreciate the role and responsibilities of business enterprise in our broad social framework. No academic specializations are provided within this program.

Special Program Requirements

Admission — Minimal requirements for clear (unrestricted) admission to the Master of Business Administration program are as follows: Applicants must (1) hold a bachelor's degree from a regionally accredited institution with a minimum overall undergraduate grade point average (UGPA) of 2.5 (or 2.75 on the last 60 hours of the baccalaureate program), (2) score no less than 400 on the Graduate Management Admission Test (GMAT), and (3) have a total of at least 950 points based on the formula: 200 times the overall UGPA plus the GMAT score; or have at least 1,000 points based on the formula: 200 times the upper division UGPA plus the GMAT score. [This minimal admission formula is subject to revision by the MBA Faculty.]

In addition to the above formula, applicants must obtain a GPA of at least 2.75 on the following prerequisite courses, or equivalent courses:

ACC 201	ACC 202	CIS 300	FIN 300
MGT 300	MKT 300	QMB 200	

Applicants who have not completed all of these courses, but who meet the minimum formula stated above, will be admitted provisionally until these courses are completed. Once these courses are completed with a GPA of 2.75, they will be granted clear admission. Students must obtain clear admission prior to taking MBA core or elective courses.

MBA applicants are required to take the GMAT (not the GRE) and meet all admission requirements prior to enrolling in MBA courses. Official GMAT score results from ETS must be submitted to the Office of Graduate Education and Research. All application material must be submitted, processed and approved for admission by the Graduate School and the MBA Office prior to five weeks before the first day of classes of the intended enrollment. Beyond University minimums, the MBA Director is responsible for administering and interpreting all admission requirements.

Additional Prerequisites — Applicants are expected to have sufficient background to function effectively in graduate courses that require computer-related knowledge or skills. Proficiency in word processing, spreadsheets, database management and computer applications as well as knowledge of differential calculus is assumed.

In addition to the prerequisites listed above, the student must complete ECO 230 and ECO 231 or equivalent courses, with minimum grades of C-, prior to taking MBA Core or Elective courses. The student must also complete one semester of business communication (CCT 300) or equivalent with a minimum grade of at least B-, or complete CCT 850. A minimum grade of B- is required for QMB 200 (or equivalent) prior to taking QMB 850. A minimum grade of B- is required for FIN 300 (or equivalent) prior to taking FIN 850.

Students with undergraduate degrees older than seven years will need to have their transcripts evaluated in order to determine which of the above prerequisites have been satisfied.

It is assumed that all applicants can demonstrate proficiency in spoken and written communication. On the basis of GMAT verbal scores, interviews, TOEFL scores samples of written work, or appropriate indicators of speaking and writing proficiency, MBA applicants may be required as a precondition for admission to satisfactorily complete courses or tutorial experiences designed to enhance their communication skills.

Admission to Candidacy — Students should initiate candidacy proceedings for the MBA degree with the Director of the MBA Program after completing nine hours of MBA courses. Students will not be permitted to enroll in any of the last 12 hours of the MBA program requirements if their candidacy has not been approved.

Probation and Progress in the Program — If, in any semester of study, a student's graduate grade point average falls below 3.0 for either all courses taken after admission to the Program, or for MBA Core and Elective, the student will automatically be on academic probation. The student will be dismissed from the program following any second semester with a cumulative GPA below 3.0 for either of the two categories indicated above.

A student in the MBA program is allowed to earn no more than one C, and no Ds or Fs in courses taken after admission to the Program. A second grade of C, or one D or F for any course taken after admission will result in dismissal from the program. In addition, a student who drops any prerequisite or MBA course without prior approval of either the MBA Director or the Dean of the College may face dismissal from the program.

<u>MBA Program Requirements</u>	<u>Semester Hours</u>
ACC 850, Managerial Accounting	3 hours
CIS 850, Information Systems	3 hours
QMB 850, Business Forecasting	3 hours
FIN 850, Problems in Managerial Finance	3 hours
MGT 850, Administrative Analysis	3 hours
MKT 850, Marketing Problems	3 hours
GBU 851, Business Policy	3 hours

Electives

Approved Business Electives	9 hours
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Non-Thesis Option

Total Hours	30 hours
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Thesis Option

GBU 891	6 hours
Total Hours	36 hours

Students may either complete a comprehensive exam, or a thesis, approved by a Thesis Committee of three MBA Faculty. The thesis will be guided by an Advisor, who is also a member of the MBA Faculty, and who will serve on the Committee. Students who pursue the Thesis Option will register for three credit hours of GBU 891 per semester, up to a maximum of six credit hours, until the thesis is approved. Those who pursue the Comprehensive Exam Option, but fail the Comprehensive Exam, are not allowed to pursue the Thesis Option. Students who pursue the Thesis Option, but who did not complete the thesis may change to the Comprehensive Exam Option.

Comprehensive examinations are scheduled and given by the MBA Director during each semester. Students pursuing the comprehensive Exam Option must pass this exam during the semester for which it is expected that they will complete their MBA course work. The Dean of Graduate Education and Research must receive certification of satisfactory completion of the comprehensive exam no later than ten days prior to commencement. A student who fails the comprehensive exam may petition the MBA director for not more than one additional attempt to pass. The second examination must be taken and passed in not less than 60 days nor more than 12 months following the semester or summer session in which the student first failed.

General Information — Classes for the MBA program are offered at times which are convenient for part-time students.

Each student must have his/her program of elective courses approved by the MBA Director. Determination of equivalent and substitute courses will be made by the MBA Director in consultation with department chairs.

Upon written petition, subject to approval by the Dean of Graduate Education and Research and the Director of the MBA Program, students may transfer a maximum of nine semester hours of acceptable graduate level work from another regionally accredited institution.

The maximum course load for MBA students normally is 9 semester hours. Students who have full-time employment are discouraged from taking more than six semester hours.

MBA students must also meet general requirements of the Graduate School.

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. Credit will not be awarded for both the 700 and 500 level of the same course.

Cross Listed Courses — Some courses are offered under different prefixes with the same course content. Students will not be awarded credit for any course which they have previously received credit under a cross listed prefix.

DEPARTMENT OF ACCOUNTING, FINANCE AND INFORMATION SYSTEMS

Dr. Jessica Johnson Frazier, Chair
www.accounting.eku.edu
(859) 622-1087

The Department of Accounting, Finance, and Information Systems in cooperation with the Office of Graduate Education and Research and the College of Business and Technology, participates in the Master of Business Administration program. ACC 750 cannot be taken by students who have an undergraduate major in accounting.

DEPARTMENT OF MANAGEMENT, MARKETING, AND ADMINISTRATIVE COMMUNICATION

Dr. Norb Elbert, Chair
www.management.eku.edu
(859) 622-1377

The Department of Management, Marketing, and Administrative Communication in cooperation with the Office of Graduate Education and Research and the College of Business and Technology, participates in the Master of Business Administration program.

DEPARTMENT OF AGRICULTURE

Dr. Bruce Pratt, Interim Chair
www.agriculture.eku.edu
(859) 622-2228

The Department of Agriculture provides courses at the graduate level in technical agriculture and horticulture. Students receiving graduate credit must meet additional specified requirements.

The Master of Arts in Education degree with an option in agriculture education is offered in the College of Education with the cooperation of the Department of Agriculture. The regulations for the degree may be found in the College of Education section of this *Catalog*.

DEPARTMENT OF COMMUNICATION

Dr. Maureen Everett, Chair
www.communication.eku.edu
(859) 622-1871

The Department of Communication provides courses at the graduate level in public relations and communication studies. Students receiving graduate credit in these courses must meet additional specified requirements.

Some of these courses are offered in conjunction with the Physical Education, Master of Science degree, Sports Administration option. The full requirements for this degree may be found in the College of Health Sciences section of this *Catalog*.

DEPARTMENT OF TECHNOLOGY

Dr. William E. Davis, Chair
www.technology.eku.edu
(859) 622-3232

Graduate courses leading to the satisfaction of requirements for the degrees Master of Science in Career and Technical Education and Master of Science in Industrial Technology are offered by the Department of Technology.

The Master of Science degree in Career and Technical Education is available in three options:

Technology Education — designed to meet the needs of experienced and prospective teachers of technology subjects in junior colleges, high schools, and middle schools. It has also proven to be an excellent program for those who continue graduate study to obtain the doctoral degree in Industrial Education.

Technical Education Administration — designed to meet the needs of experienced and prospective vocational/technical education administrators. The program provides students the opportunity for advanced study in vocational/technical administration, and also fulfills the graduate curriculum requirements specified for Kentucky vocational/technical administration certification.

Occupational Training and Development — designed to provide experiences through course work that will cause those who desire to become trainers of existing or prospective employees in an occupational setting. Graduates of this program are usually employed in the human resource development sector of a business or industrial organization.

The Master of Science Degree in Industrial Technology has been planned for those individuals who are interested in careers in industrial management. Courses in the program have been designed to cause students to examine principles, concepts, attitudes, and methods for dealing with many of the challenges that confront industry now and in the future. The program will be of value to those who are currently employed in industry and have professional growth aspirations. It will also be of value to those who have recently completed undergraduate study and want more preparation before embarking upon their career.

Special Program Requirements*

**MASTER OF SCIENCE
Career and Technical Education**

CIP Code: 13.1309

Admissions — Applicants are expected to present an appropriate undergraduate technical teaching major and provide proof of acceptable professional and scholarly aptitude. An undergraduate grade point average of 2.5 and a combined Graduate Record Examination score of 700 on the Verbal and Quantitative sections are expected.

Admission to Candidacy — A satisfactory score on the Graduate Record Examination is required. Attributes related to professional promise will be reviewed by the department Graduate Studies Committee. Refer to the General Academic Information section of this *Catalog* for degree completion requirements.

Curriculum for Master of Science in Career and Technical Education

Core Courses 12 hours
CTE 865, 888; EPY 869; TEC 830.

Technology Education Option (GA8)

***Technical Teaching** 12 hours
CTE 863, 864; TEC 831, 867.
Supporting Work 6 hours
Selected from EAD 827, 828; EDF 855; EMS 880; ESE 872.
Total 30 hours

Technical Education Administration Option (GA9)

Administrative Core 6 hours
CTE 861, CTE 863.
Supporting Work 12 hours
CTE 864; EAD 801, 827, 828.
Total 30 hours

Occupational Training and Development Option (GA0)

Industrial Instruction 12 hours
CTE 800*, 801*, 802 (6 hrs).
Supporting Work 6 hours
PSY 873, 874, 875 or other courses (approved by advisor).
Total 30 hours

*Those students with a background in education should complete six semester hours of additional support work or six semester hours of TEC 867, Research in Technology, (approved by advisor) rather than CTE 800 and 801.

Thesis — The thesis is optional in the Master of Science in Career and Technical Education program.

Comprehensive Examinations — The candidate will have an opportunity to show professional growth through a written or oral examination covering the program components during the term in which graduation is scheduled.

*Students must also meet the general requirements of the Graduate School.

The Master of Arts in Education degree with an option in Technology Education is offered in collaboration with the College of Education. The requirements for the M.A.Ed. degree may be found in the College of Education section of this *Catalog*.

Special Program Requirements*

**MASTER OF SCIENCE
Industrial Technology**

CIP Code: 15.0603

Admission – Applicants are expected to present proper prerequisite preparation or industrial management experience. They should have an understanding of materials and processes, the principles of production control, and the economics of industry; computer literacy; the ability to communicate graphically; and the ability to apply statistics to the solution of industrial problems. The program may have appeal to those with undergraduate preparation in such areas as industrial or manufacturing technology, business administration, and engineering or other graduates who have more than five years of experience in industrial management. An undergraduate grade point average of 2.5 and a combined score on the Verbal and Quantitative Sections of the Graduate Record Examination of 800 or 420 on the Graduate Management Admissions Test are expected. Attributes of the applicant related to managerial and technical promise and other life experiences will be considered by the department Graduate Studies Committee.

Admission to Candidacy – Clear admission required. Attributes related to managerial and technical promise will be reviewed. Refer to the General Academic Information section of this *Catalog* for degree completion requirements.

Comprehensive Examinations – The candidate will have an opportunity to show professional growth through a written or oral examination covering the various program components during the term in which graduation is scheduled.

*Students must also meet the general requirements of the Graduate School.

Program – Individual plans of study will include work from three areas:

Major Courses **18 hours**
INT 706, 801, 802, 804, 805, and TEC 830.

Supporting Courses **6 hours**
Selected from ACC 820, CIS 826, FIN 851, GBU 850, MGT 821, MKT 825, QMB 850, STA 700 and other courses by advisement.

Synthesis Experience **6 hours**
INT 820, 821 or INT 822.

Total **30 hours**

COLLEGE OF EDUCATION

Dr. M. Mark Wasicsko, Dean
Dr. Larry Sexton, Associate Dean
(859) 622-3515
www.education.eku.edu

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 who function effectively in a culturally diverse society in order to meet the needs of all students.

The College of Education, in cooperation with the Office of Graduate Education and Research, offers the Masters of Arts in Education degree programs for elementary teachers, middle grade teachers, secondary teachers, special education teachers, school counselors, and speech-language pathologists. Other graduate programs include a Master of Arts in Teaching: Elementary Education, Middle Grade Education, Secondary Education and P/12 programs; a fifth year program for certificate renewal leading to Rank II certification; a sixth year program leading to Rank I certification; the professional certificate for Director of Special Education; the Master of Arts degree in mental health counseling and in human services in higher education; the Specialist in Education degree in administration and supervision and in student personnel services in higher education; and a joint doctoral program (Ed.D.) with the University of Kentucky.

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 counter part. Credit will not be awarded for both the 700 and 500 level of the same course.

Cross Listed Courses — Some courses are offered under different prefixes with the same course content. Students will not be awarded credit for any course for which they have previously received credit under a cross listed prefix.

Master of Arts in Education Program Requirements

The following are general requirements for the Master of Arts in Education. In addition to these general requirements and the University requirements of the Graduate School, specific program requirements may be found in the appropriate departmental section of this *Catalog*.

Program Planning — During the first term, the student must develop a planned program. Students for whom program plans have not been appropriately filed will not be eligible for a second registration. Subsequent changes of the program plan are permissible, but must be approved on the appropriate form by the advisor, the department chair, the college dean, and the graduate dean.

Every candidate for the degree shall complete a minimum of 15 semester hours in professional education as a component of the graduate program.

The remainder of the course work shall be determined by the institution in terms of the student's need, provided (1) that at least 12 hours shall be in an approved teaching field, and (2) that all such course work shall be approved graduate level credit.

Individuals interested in community college teaching will need to complete the Masters Degree and at least 18 hours of graduate course work in their specialization.

Admission to Candidacy — All candidates must furnish evidence of teaching certification in their chosen field of study prior to admission to candidacy. The candidate's advisor shall recommend an applicant's admission to candidacy to the Office of Graduate Education and Research following a positive appraisal of the student's academic proficiency and other factors deemed important for completion of the particular curriculum in which the student is working. A minimum graduate grade point standing of 3.0, in program and overall, is required for admission to candidacy. No graduate credit shall be granted for a grade below "C."

A recommendation for admission to candidacy shall be submitted for the student by his/her advisor to be approved by the department chair and the graduate dean as soon as possible but no later than the third week of the semester in which the student is enrolled in any of the last 12 hours of his/her degree program. Admission to candidacy must be completed prior to scheduling of the comprehensive examinations.

Please refer to the General Academic Information section of this *Catalog* for more information on degree completion requirements.

Transfer Credits — Candidates for the Master of Arts in Education degree are restricted to transfer of not more than nine semester hours.

Thesis — The thesis is not required in any program leading to the Master of Arts in Education degree. Students with special research interests are encouraged to explore thesis possibilities with their advisor.

Comprehensive Examinations — The candidate will have an opportunity to demonstrate professional growth through a written and/or oral examination covering education and major program components during the term in which graduation is scheduled.

Curriculum Requirements for Graduate Programs in Education — All programs leading to the Master of Arts in Education have a core of professional education requirements. The student should check the specific program for professional education core requirements of that program.

Rank II Certification, the Fifth Year Non-Degree Program

To provide an alternative to a master's degree program for teachers, the College of Education offers, in cooperation with other colleges of the University, a fifth year of study leading to the Rank II classification and renewal of the elementary, middle grade, secondary and special education teaching certificate.

The fifth year program requires a minimum of 32 semester hours of graduate course work which include:

1. 12 hours to be taken in the area of teacher specialization
2. 12 hours of professional education
3. Eight hours chosen to fit general or specific needs of candidates without regard to offering department.

Programs of study must be approved and filed with the advisor and the Office of Student Services no later than the term in which the first six hours are to be completed.

General institutional guidelines:

1. Students must have Rank III (Provisional certification) through a regionally accredited institution.
2. At least 18 of the 32 semester hours must be earned at Eastern Kentucky University.
3. Candidates for the Rank II classification must have a grade point standing at the completion of the program of 2.5 on a 4.0 scale. No more than 40 credits (32 required) may be submitted to achieve the necessary average.
4. Course credits specified for Rank II cannot be more than 10 years old at the completion of the program.
5. Credit earned by correspondence shall not apply toward the fifth year program.
6. A minimum of 12 hours of appropriate credits earned in the Rank II Fifth Year program may be applied in graduate degree programs. Rank II program credits with earned grade of "C" or lower may not be applied to subsequent graduate degree programs. A student who desires to enter the master's degree program after completion of the non-degree fifth year program must:
 - a. make application for and be recommended by the department offering the master's degree program.
 - b. meet all current academic criteria specified for admission to and completion of the requested master's degree.

Rank I Certification, the Sixth Year Program

The College of Education, in cooperation with the offering departments within the College of Education, other colleges of the University, and the Office of Graduate Education and Research, offers Rank I programs for teachers, school counselors, school administrators, supervisors, directors of pupil personnel, and directors of special education.

Program guidelines are highly flexible. General institutional guidelines include:

1. A minimum 30-semester hour program in addition to:
 - a. requirements for Rank II classification, or
 - b. 60 semester hours including the master's degree.
2. Each program shall be planned in consultation with the student's advisor prior to completion of nine hours of course work applicable to the program. The planned program shall be filed with the Office of Student Services. Upon application by the student and completion of the program, the certification officer shall recommend Rank I classification to the Kentucky Department of Education.
3. Students shall be fully admitted to the Graduate School prior to approval of the Rank I planned curriculum by the advisor and the filing of the curriculum with the Office of Student Services.
4. At least 15 semester hours shall be taken at Eastern Kentucky University. The remaining 15 semester hours credit may be taken at ECU or, upon approval by the advisor, at other accredited graduate schools and transferred.
5. All courses in the 30 semester hour requirement for Rank I shall be graduate level and a "B" average shall be required for certification. No credit shall be allowed for any course carrying a grade lower than "C." At least 12 hours shall be courses open only to graduate students. Only graduate credits not used in the Rank II (fifth-year non-degree program) shall be considered in the Rank I program. All credits earned in the master's degree program can be included in the 60 hours required for completion of the Rank I program.
6. The Rank I program shall include six additional semester hours of professional education, 24 hours of courses in a certified teaching field (combined in the Rank II and Rank I programs) and free electives to total 30 semester hours. Preparation-certification programs for school administrators, school counselors, pupil personnel directors, and directors of special education can be part of a Rank I program.
7. Course credit specified for Rank I cannot be more than 10 years old at the completion of the program.
8. For any specific requirement applicable to special fields or individual departments, contact the appropriate department or school.

Specialist in Education Degree

Nature and Purpose of the Degree

The Specialist in Education degree is a professional degree, designed for those preparing for positions which call for a level of study and specialization beyond the master's degree. The specific goal is to provide the additional preparation needed for certification and competence in a specialized school position, in the role of college teacher, and by those engaged in student personnel work.

The 30-hour minimum requirement is a structured and unified program oriented toward the student's professional objectives. For selected students, planning for the Specialist in Education degree may begin following completion of the baccalaureate degree. For some students, the specialist degree may lead to advanced study for the doctorate.

Extensive use of the library, informal associations with fellow students and with staff, and participation in non-class activities provided by the University afford important learnings that can only be realized through full-time study.

Admission Requirements

The promise of the applicant as a successful professional worker in a chosen field is central to admission to the Specialist in Education program. To this end, admission to the Specialist program is based upon the following entrance requirements:

1. Completion of requirements for the master's degree from an accredited college or university.
2. Refer to program area for specific Graduate Record Examination requirements.
3. Successful professional experience appropriate to and as required in specific programs.
4. Completion of application forms for admission to the program.
5. Approval of a screening and selection committee composed of three persons appointed by the departmental chair.

Program Requirements

Each candidate's program of study will be designed to meet specific needs as they relate to the chosen field of specialization. Provision is made for a core of courses, for additional courses in the area of specialization and in cognate fields as appropriate, for independent study, and for the development of a specialist project.

Core Courses — A nine-hour block of courses is a part of all Specialist in Education programs. These nine hours relate to the kind of experimentation and action research that is a part of the continuing work of the educator. The student is provided opportunity to become acquainted with research in the field of specialization and to gain the needed background in the methodology of experimentation. (Core courses are identified in the individual departmental section.)

Additional Work in the Area of Specialization — Courses, seminars, and practice in the area of specialization are listed and described in the section relating to the particular program.

Independent Study — Students admitted to candidacy for the specialist degree may engage in independent study for credit. Other than those directly related to the specialist project, activities may include library research, conferences, discussions, writings, observations, visits, interviews, and direct practical experience in the field of specialization. Credit is based upon evidence of growth in accord with the goals outlined for the independent study by the student and advisor.

Specialist Project — The specialist project is another form of independent study in which each student engages. It is planned with reference to the student's professional goals, needs, and interests. Results of the investigation are presented in a written report.

Overall Guides for Program Requirements — In addition to the previously stated requirements, the following guides should be noted.

1. A minimum of 36 semester hours of graduate work beyond the master's degree, including the specialist project, must be completed.
2. Twelve hours of course work must be completed after admission to candidacy.
3. Candidates may take a maximum of nine semester hours of 800 level course work or equivalent credit from an institution with a recognized sixth-year graduate program. Course work so completed must be approved by the student's advisor as meeting program requirements.
4. All credit applied to the Ed.S. degree must be in courses numbering 800 and above.

The candidate for the Ed.S. degree advances toward the awarding of that degree as the following steps are taken in the order indicated.

Admission to Candidacy for the Ed.S. Degree

Application for admission to candidacy for the Specialist in Education degree should be filed by the student and the student's advisor:

1. When a minimum of nine semester hours of graduate credit beyond the master's degree has been earned at Eastern Kentucky University. (A minimum of 12 semester hours must be taken after admission to candidacy.)
2. When work taken toward the Ed.S. degree shows an overall graduate grade point average of 3.0 or above.
3. When the advisor has approved the planned program of study and a copy of this program has been filed with the department chair and the Dean of the Office of Graduate Education and Research.

Following the student's initiation of application for candidacy, the student's advisor through the department chair recommends candidacy to the Office of Graduate Education and Research.

Completion of Degree Requirements

In working with the student toward the completion of degree requirements, the student's advisor will take a leadership role. Members of the committee will serve in a supporting role as requested by the advisor and/or the student. Major activities of the committee include:

1. Advising with the student regarding the selection of the specialist project.
2. Assisting in its development and recommending approval of the written report of the project.
3. Participating in the final oral presentation and defense of the project.
4. Recommending the awarding of the Ed.S. degree.

The student will be awarded the Specialist in Education degree when the following requirements have been met:

- a. Completed course requirements (minimum of 30 semester hours) with an overall graduate grade point average of not less than 3.0 (4 point scale).
- b. Satisfactorily passed final comprehensive written and/or oral examinations required by the department.

- c. Submitted the report of the specialist project, in writing, to members of the committee and secured their approval to arrange for an oral examination and defense of the project. (The completed project must be submitted to committee members at least one week prior to the scheduled defense. The oral defense must be scheduled at least three weeks prior to the close of the semester in which the degree is to be awarded.)
- d. Satisfactorily defended the project in an oral examination.
- e. Presented two approved copies of the project, unbound in final form, to the Office of Graduate Education and Research at least three weeks before the close of a regular term or two weeks before the close of the summer term in which the student is to be certified for graduation. In preparing final copies of the project, as well as the copies submitted in "C" above. It is recommended that the American Psychological Association Publication Manual be followed.
- f. Passed a common education core and a subject matter specialization competency examination for program evaluation.
- g. Filed an application for graduation as instructed by the Office of Graduate Education and Research.

The Cooperative Doctoral Program in Education

The College of Education provides course work for the major field of study in support of the Doctoral Program offered through the Office of Graduate Education and Research with the University of Kentucky. The final degree is awarded by the University of Kentucky.

Special Program Requirements*

Admission — The applicant should present a score of at least 1,000 on the combined verbal and quantitative general test of the Graduate Record Examination. Normally three years of appropriate experiences are required.

Committee — The student's advisory committee must be comprised of three members of the graduate faculty from the University of Kentucky and may include two members of the graduate faculty from Eastern Kentucky University. At least one of the Eastern Kentucky University representatives should be from the College of Education.

Residence — The student must complete a minimum of 18 semester hours of his/her doctoral course work, take the qualifying examinations, and complete the dissertation project at the University of Kentucky.

Program — The following majors are offered through the Program: Instruction and Supervision; Health, Physical Education and Recreation; Educational Policies, Studies and Evaluation; Special Education; and Vocational Education.

*Students must also meet the general requirements of the Graduate School.

OFFICE OF TEACHER ADMISSION AND CERTIFICATION

Dr. Karen Frohoff, Director
Combs 423, (859) 622-1828

The Office of Teacher Admission and Certification receives and processes applications for teaching certificates (Rank III, II and I) and additional certificates for school personnel (principals, supervisors, superintendents, directors of special education, counselors, psychologists, and pupil personnel directors.)

Planned programs for degree and non-degree teacher certification programs are received and maintained in the Office of Teacher Admission and Certification.

Students seeking initial teaching certification must meet all the requirements for admission to the teacher education program as stated in the Undergraduate Catalog. Students pursuing an alternative route to certification will follow the admission requirements as described in the program display.

DEPARTMENT OF CURRICULUM AND INSTRUCTION

Dr. Michael A. Martin, Chair
www.education.eku.edu
Combs 112, (859) 622-2154

The Department of Curriculum and Instruction is responsible for program advisement and development in elementary education, middle grade education, secondary education, and library science. Programs of study may lead to the Master of Arts in Education degree, Rank II, Rank I, and Master of Arts in Teaching degree (Initial Certification). The elementary education program has options in early elementary education, gifted/talented education, middle grade education, and reading/writing. The secondary education program in cooperation with appropriate departments throughout the University offers program options in agriculture, allied health (non-teaching), art, biology, business and marketing, chemistry, earth science, English, family and consumer science, mathematics: computer science, mathematics: mathematics and statistics, music, physical education, physics, school health, social studies: geography, social studies: history, and technology.

Elementary Education Program Requirements

MASTER OF ARTS IN EDUCATION Elementary Education

This curriculum is designed to improve the professional knowledge and skills of teachers in elementary and middle schools.

Admission — In addition to other criteria, a minimum total GRE score of 700 with verbal and quantitative subtest scores of at least 300 is required for clear admission to all options of the M.A.Ed. program in Elementary Education. As an alternative to the GRE, a raw score of 35 on the Miller's Analogies test will also meet the required admission test requirement. Students must also meet the general requirements of the Graduate School.

Elementary Education Option

This program is designed to help teachers certified to teach in elementary schools (P-5) improve their professional skills, extend their knowledge of the subjects they teach, and increase their understanding of the intellectual, philosophical, sociological, psychological, and cultural foundations of effective education.

- Professional Education Core 15 hours**
 ELE 810, 871, EPY 839, 869 12 hours
 One of the following 3 hours
 EMS 818, 830, 842, 855, 880, SED 800.
- Specialization 12 hours**
 Subject matter: Courses selected to strengthen student’s knowledge of subjects taught.
- Electives 3 hours**
 Selected with advisor approval.
- Minimum Program Total 30 hours**

Middle Grade Education Option

The curriculum is designed to help teachers certified to teach in middle schools improve their professional skills, extend their knowledge of the subjects they teach, and increase their understanding of the intellectual, philosophical, sociological, psychological, and cultural foundations of effective education.

- Professional Education Core 15 hours**
 EMG 806, 810, EPY 839, 869 12 hours
 One of the following 3 hours
 EMS 818, 830, 842, 855, 880, SED 800.
- Specialization 12 hours**
 Subject matter: Courses selected to strengthen student’s knowledge in areas of certification.
- Electives 3 hours**
 Selected with advisor approval.
- Minimum Program Total 30 hours**

Gifted Education Option

This program offers individuals certified to teach at the elementary, middle grade, and secondary levels or variations thereof an additional certification option.

Admission — In addition to general Graduate School admission criteria, a minimum total GRE score of 700 with verbal and quantitative subtest scores of at least 300 is required.

- Professional Education Core 15 hours**
 EPY 839, 869, EMS 855 9 hours
 One course from each of the following lists 3 hours
 A. ELE 810, EMG 810, ESE 863.*
 B. ELE 871, EME 873, EMG 806, ESE 774.*
 *Selection of specific courses will be based upon prior level of preparation and student need.
- Gifted Education Component 9 hours**
 EMS 856, 857, 858.
- Electives 6 hours**
 Selected with advisor approval to enhance preparation for teaching gifted/talented students.
- Minimum Program Total 30 hours**

Reading/Writing Option

This program meets guidelines for certification as Reading/Writing Specialist (P-12).

- Professional Education Core 15 hours**
 One of the following 3 hours
 EME 873, ELE 871, EMG 806, ESE 774.
 EPY 839, 869 6 hours
 One of the following 3 hours
 ELE 810, EMG 810, ESE 863.
 One of the following 3 hours
 EMS 830, EMS 855, SED 775, 777, 778, 779, 790, 800, 802.
- Reading Component 12 hours**
 EMS 868, 875, EME 877 9 hours
 One of the following 3 hours
 EME 751, 874, ENG 805, other options with advisor approval.
- Electives 6 hours**
 Selected with advisor approval.
- Minimum Program Total 30 hours**

Rank II Classification, the Fifth Year Program

General policies governing the fifth year program leading to Kentucky Rank II classification appear in the general section of the College of Education. General requirements for teachers certified for P-5 and 5-8 are outlined below.

Curriculum for Fifth Year Rank II Program - Elementary Education

- Professional Education Core 12 hours**
 A. ELE 810.
 B. One of the following: ELE 871, EME 873.
 C. Two of the following: EDF 835, 837, 850, 855, EMS 842, 855, EPY 816, 839, SED 775, 790, 800.
- Subject Matter Courses 12 hours**
 Courses approved by the advisor.
- Electives 8 hours**
- Minimum Program Total 32 hours**

Curriculum for Fifth Year Rank II Program - Middle Grade Education

- Professional Education Core 12 hours**
 A. EMG 810.
 B. One of the following: EME 873, EMG 806.
 C. Two of the following: EDF 835, 837, 850, 855, EMS 842, 855, EPY 816, 839, SED 775, 790, 800.
- Subject Matter Courses 12 hours**
 Courses approved by the advisor.
- Electives 8 hours**
- Minimum Program 32 hours**

Rank I Classification, the Sixth Year Program

General policies governing the sixth year program leading to Rank I classification appear in the general section of the College of Education.

Curriculum for Sixth Year Rank I Program Elementary and Middle Grade Education

Professional Education	6 hours
Courses in Certified Teaching Area	12-15 hours
Elementary (P-5)	12 hours
Middle Grade (5-9)	15 hours
Electives	9-12 hours
Elementary (P-5)	12 hours
Middle Grade (5-9)	9 hours
Selected with prior approval of the advisor.	
Minimum Program Total	30 hours

Library Science Program Requirements

**MASTER OF ARTS IN EDUCATION
Library Science**

Master of Arts in Education, Rank II Nondegree, and Rank I Nondegree Library Science programs leading to certification as school media librarian for grades P-12 are offered. Students entering the program must be certified as classroom teachers.

Admission — In addition to other criteria, a minimum total GRE score of 700 with verbal and quantitative subtest scores of at least 300, writing subtest required but no cut-off score established are required for clear admission to the MAEd. program in library science. As an alternative to the GRE, a raw score of 35 on the Miller’s Analogies test will also meet the required admission test requirement.

Library Science — Curriculum for P-12

Professional Education Core	12 hours
One of the following	3 hours
ELE 871, EMG 806, ESE 774, EPY 839, 869	6 hours
One of the following	3 hours
ELE 810, EMG 810, ESE 863.	
Specialization	22-28 hours
LIB 701*, 769*, 800, 802, 805, 821, 831, 863, and 870.	
Total Program Hours	34-40 hours

*Students who have completed LIB 501 and/or LIB 569 with a grade of “C” or better may use them to reduce requirements in the Library Science block by 3-6 hours. Students who have completed LIB 501 and/or LIB 569 for credit may not take LIB 701 and/or LIB 769.

Rank II Classification, the Fifth Year Program

General policies governing the fifth year program leading to Kentucky Rank II classification appear in the general section of the College of Education.

Rank II Nondegree Fifth Year Curriculum, P-12

Professional Education Core	12 hours
A. One of the following: ELE 871, EMG 806, or ESE 774.	
B. One of the following: ELE 810, EMG 810, or ESE 863.	
C. Two of the following: EDF 835, 837, 850, 855, EMS 842, 855, EPY 816, 839, SED 775, or 800.	

Specialization	22-28 hours
LIB 701*, 759*, 800, 802, 805, 821, 831, 863, and 870.	
Total Program Hours	34-40 hours

*Students who have completed LIB 501 and/or LIB 569 with a grade of “C” or better may use them to reduce requirements in the Library Science block by 3-6 hours. Students who have completed LIB 501 and/or LIB 569 for credit may not take LIB 701 and/or LIB 769.

**Rank I Classification, the Sixth Year
Program for P-12**

General policies governing the sixth year program leading to Rank I classification appear in the general section of the College of Education.

Professional Education	6 hours
(As approved for Rank I Programs) Students who have not previously completed a graduate reading methods course must take ELE 871, EMG 806, or ESE 774.	
Library Science Courses*	22-28 hours
LIB 701*, 759*, 800, 802, 805, 821, 831, 863, and 870.	
Total Program Hours	31-34 hours

*Students who have completed LIB 501 and/or LIB 569 with a grade of “C” or better may use them to reduce the number of hours required in the Library Science block by 3-6 hours. Students who have completed LIB 501 and/or LIB 569 for credit may not take LIB 701 and/or LIB 769.

Secondary and Higher Education Program Requirements

**MASTER OF ARTS IN EDUCATION
Secondary Education**

This curriculum is designed to help students achieve goals and develop competencies in professional education, academic areas and interpersonal relationships.

Admission — In addition to other criteria, a minimum total GRE score of 700 is required in all secondary options. Verbal and quantitative subtest scores of at least 300 are required for clear admission to the MAEd. programs in secondary education.

Professional Education Core	15 hours
EPY 869	3 hours
EPY 839	3 hours
ELE 810, EMG 810, or ESE 863	3 hours
ELE 810 may be taken in P-12 programs.	
EMG 810 may be taken by individuals with middle grade certification.	
ESE 863 may be taken by individuals with 5-12 or 8-12 certification.	
One course from each of the following lists:	
A. ESE 774, EMG 806, EPY 816, or SED 800	3 hours
B. EMS 818, 830, 842, 855, 883, or EPY 854	3 hours
Specialization Option	12 hours
Courses selected from student’s area(s) of certification.	
Electives	3 hours
Minimum Program Total	30 hours

Education

OPTIONS — The Master of Arts in Education in Secondary Education is offered with the following academic specialization options:

Agriculture Option 12 hours
 Selected from AGR 701*, 770*, 777, 807*, or OHO 807. (*May be retaken to a maximum of 6 hours with advisor approval.)

Allied Health (Non-teaching) Option 15 hours
 HEA 798, HEA 898, Additional courses selected from HEA or related areas with advisor approval.

Art Option 12 hours
 ART 760*, 762, 794, 795, 800*, 810*, 820*, 830*, 840*, 863*, 870*, or 880.* (*May be retaken to a maximum of 9 hours with advisor approval.)

Biology Option 12 hours
 BIO 714, 718, 721, 722, 724, 725, 728, 731, 736, 742, 750, 753, 754, 755, 756, 757, 758, 799, 802, 806, 816, 845, 846, 848, 849, 850, others with advisor approval.

Business Education Option 12 hours
 ACC 721, 750, 820, 850, CCT 760, 850, 880, CIS 850, 860, ECO 780, 790, 850, GBU 850, MGT 850, others with advisor approval.

Elective: Any course from above list not taken as subject matter requirement; others with prior advisor approval

English Option 12 hours
 At least one course from each of the following areas:

AREA I (ENG 730, 731, 735, 740, 745, 750, 770, 833, 850, 853, 854, 870, 873, 874, 876, 878, 880), others with advisor approval.

AREA II (ENG 702, 710, 715, 720, 725, 800, 804, 807, 808, 809, 810, 825), others with advisor approval.

Students may take ENG 805 Writing Project and use three hours in AREA II, but the remaining three hours can be used as an elective only.

Family and Consumer Science

Education Option 12 hours
 Certification in family and consumer science education is for grades 5-12.

Select courses from the following list which emphasize area of certification: ADM 717, 719, CDF 734, 738, 747, 749, 750, NFA 700, 701, 705, 707, 709, 715.

Recommended Electives: ESE 776, 860, 861, 867, others with advisor approval.

Mathematics: Computer Science

Option 12 hours
 CSC 812, CSC 831, Two courses selected from the following: CSC 745, CSC 746, CSC 833, CSC 834, CSC 842, CSC 880.

Electives: Students lacking six hours of high level programming language such as Pascal or "C" must take CSC 730 or an equivalent. Students lacking mathematical background adequate for CSC 831 should take CSC 801. Students having the background described above will select 3 hours of electives from Computer Science or other advisor approved options.

Mathematics: Mathematics, Statistics, and Computer Science Option 12 hours

Select courses from at least three of the following groups including at least one 800 level course. Other courses may be selected with advisor approval.

- Group A (MAT 706, 806, 809, 810, 870);
- Group B (MAT 740, 750, 815, 850, 856, 870);
- Group C (MAT 705, 735, 755, 760, 870, 871);
- Group D (CSC 730, 745, 746, 812, 831);
- Group E (STA 700, 701, 720, 721, 825).

Music Option 12 hours*
 To be selected from the following: MUS 713, 751, 754, 755, 756, 764, 765, 784, 789, 845, 846, 847, 850, 872, 880, 883, 885.

*At least one three hour course at the 800 level must be selected.

Physical Education Option 12 hours

Certification in physical education may be K-12. Select two courses from one category and one course from each of the remaining categories.

Category I (PHE 820, 835, 851, 869 or 875);

Category II (PHE 822, 848, 891);

Category III (PHE 821, 831, 833, 852, 895).

Chemistry, Earth Science, or

Physics Option 12 hours

With advisor approval, student will choose science courses from one science discipline in order to strengthen background in that discipline. At least one course at the 800 level is required.

Electives 3 hours

Minimum Program Total 30 hours

School Health Option 12 hours

HEA 800, 875, 6 hours selected from HEA 790, 792, 793, 794, 795, 807, 855, 880, other options with advisor approval.

Electives: Students seeking initial certification in Health must complete EME 786.

Social Studies: Geography Option 12 hours

GEO 701 (May be taken for a maximum of six hours credit if topics differ), 753, 755, 756, 797, others with advisor approval.

Social Studies: History Option 12 hours

HIS 700, 707, 709, 716, 730, 731, 749, 800, 806, 807, others with advisor approval.

Technology Education Option 12 hours

Certification in technology education in the grades 5-12. MFG 801, 867, TEC 701, 733, 830, TTE 864, VIT 861, 863, 865 or 888, other options with advisor approval.

Rank II Classification, the Fifth Year Program

General policies governing the fifth year program leading to Kentucky Rank II classification appear in the general section of the College of Education. General requirements for teachers certified for 5-12, 8-12, and P-12 outlined below.

**Curriculum for Fifth Year Rank II Program -
Secondary Education**

- Professional Education Core 12 hours**
 - A. One of the following: ESE 863, ELE 810*, or EMG 810.*
 - B. One of the following: ESE 774 or EMG 806.
 - C. Two of the following: EDF 835, 837, 850, 855, EMS 842, 855, EPY 816, 839, SED 775, 790, 800.
- Subject Matter Courses 12 hours**
Courses approved by the advisor.
- Electives 8 hours**
- Minimum Program 32 hours**

*Open to students with 5-12 and P-12 certification.

Rank I Classification, the Sixth Year Program

General policies governing the sixth year program leading to Rank I classification appear in the general section of the College of Education.

**Curriculum for Sixth Year Rank I Program -
Secondary Education**

- Professional Education 6 hours**
- Courses in Certified Teaching Area 12 hours**
- Electives 12 hours**
Selected with prior approval of advisor.
- Minimum Program Total 30 hours**

ALTERNATIVE ROUTES TO INITIAL CERTIFICATION

**MASTER OF ARTS IN TEACHING
Secondary and P-12 Education Option**

This program is designed to provide students who have already completed a major in a teaching field opportunity to complete secondary/P-12 teaching certification requirements while completing a master’s degree. Teaching areas for which this program is available include: agriculture, art, biological science, business and marketing*, chemistry, earth science, English, family and consumer sciences, health, mathematics, music*, physical education, physics, social science, Spanish, and technology education.

*Students seeking admission in these areas will have to provide evidence of having completed specific undergraduate courses prior to admission.

Middle Grades 5-9 Option

This option is designed to allow students who have already completed an appropriate major (determined by transcript review) to complete teaching certification requirements while completing a master’s degree. Students will choose two emphasis areas from the following:

- Language Arts
- Mathematics
- Science
- Social Studies

Elementary Education P-5 Option

This option is designed to allow students who have already completed an appropriate major (determined by transcript review) to complete teaching certification requirements while completing a master’s degree.

CRITERIA/PROCEDURES FOR ADMISSION

Admission — Students seeking admission to the program must:

1. Submit an application to the Graduate School indicating a bachelor’s degree including all transcripts from accredited colleges attended except Eastern Kentucky University.
2. Provide evidence of the following prior to being accepted into the program:
 - a. Master’s degree OR 3.0 overall undergraduate GPA OR 3.0 in the last 60 hours of coursework.
 - b. Acceptable Graduate School Admission exams by one of the following:
GRE 350 verbal and 350 quantitative*

*Applicants who completed the GRE prior to October 1, 2002 must meet the following:

1100 total score or may use the following formula to meet the GPA and GRE requirements:

Minimum 2.75 GPA and minimum 1000 GRE to apply the formula $GPA \times GRE = \text{minimum } 3300$.

Miller’s Analogy Exam 35.

- c. Major (or equivalent) in the field in which certification is being sought (only for secondary candidates others are reviewed for appropriate course content).
- d. PRAXIS II scores in the desired certification area with the exception of elementary, middle grade, secondary (art and music).
- e. A professional resume.
- f. An autobiography documenting relevant life/work/educational experience.
- g. Three letters of reference.
- h. Complete two written disposition assignments given by the department.
- i. Complete an interview with the Master of Arts in Teaching.

Program Planning — During the first term of enrollment, the student must develop and submit to the Office of Graduate Education and Research a planned program. In addition to the required professional preparation courses, students will take 12 hours of graduate course work in their field of certification. Faculty from the student’s major field will evaluate his/her undergraduate transcript and take into consideration life/work experiences, and performance on the PRAXIS II in recommending courses to be taken in the program. Students in business-marketing will need to complete a semester of prerequisite undergraduate courses.

Admission to Candidacy and the Teacher Education Program

In order to be admitted to candidacy for the MAT degree and to the Teacher Education Program, students must have achieved or completed all of the following:

1. Clear admission to the Eastern Kentucky University Graduate School.
2. Core I course work: Nine hours with GPA of at least 3.0.
3. Basic skills test. (See GRE information above.)
4. Competence in computer applications including word processing, databases, spreadsheets, and web-based research. (Computer literacy test or course focusing on these skills).
5. Satisfactory recommendations from two Eastern Kentucky University faculty members with whom a graduate course was taken.
6. Satisfactory portfolio interview with the MAT Admission Committee.
7. Personal and Professional Fitness Declaration (completed and signed) and a Kentucky Criminal Records Check.

Transfer Credit — The student must complete the professional courses at Eastern Kentucky University. Acceptance of transfer subject matter courses will be determined on an individual basis.

Thesis — A thesis is not required in this program; however, an action research project which culminates in a technology enhanced presentation is required in the Capstone Seminar.

CURRICULUM REQUIREMENTS

Master of Arts in Teaching

Secondary P/12 Education Option

Professional Education Core	27 hours
EGC 820, 830, 845, 846, 847, 889	21 hours
EMG 806 or EMS 774	3 hours
SED 800	3 hours
Specialization	12 hours
Courses will be selected with advisor approval.	
Minimum Program Total	39 hours

Middle Grades 5-9 Option

Professional Education Core	27 hours
EGC 820, 830, 835, 836, 837, 839	21 hours
EMG 806	3 hours
SED 800	3 hours
Specialization	12 hours
Courses will be selected with advisor approval.	
Minimum Program Total	39 hours

Elementary Education P-5 Option

Professional Education Core	21 hours
EGC 820, 826, 827, 829, 830	18 hours
SED 800	3 hours
Specialization	27 hours
ELE 810, 871	6 hours
EME 863, 866, 870, 874, 710, 796	18 hours
MAT 803	3 hours
Minimum Program Total	48 hours

DEPARTMENT OF EDUCATIONAL LEADERSHIP*

*Pending Board of Regents approval

TBD, Chair
www.education.eku.edu
Combs 406, (859) 622-1125

The Department of Educational Leadership offers degree and non-degree graduate programs in educational leadership.

Master of Arts in Education
 Educational Leadership

Rank I and Rank II Programs
 Educational Leadership

Educational Leadership Program Descriptions

Educational Leadership programs are designed to build a professional knowledge-base, leadership and management skills, and positive attitudes among aspiring educational and school district leaders. The courses and experiences address the Interstate School Leaders Licensure Consortium that has been adopted by the Kentucky Education Professional Standards Board in partnership with the National Council for Accreditation of Teacher Education.

The **Instructional Leadership** – School Principal (All Grades) program prepares educational leaders and managers for leadership positions with P-12 schools. Initial certification for school principal requires completion of an approved master’s degree, Level I or Level II, and three years of teaching experience and successful completion of the School Leaders Licensure Assessment, and the Kentucky Principal test.

The **Supervisor of Instruction** program prepares instructional supervisors for school district-wide leadership. Initial certification for supervisor of instruction requires completion of an approved master’s degree, Level II Principal certification, and three years of teaching experience.

The **Director of Pupil Personnel Services** program prepares directors and assistant directors of pupil personnel services for school district-wide leadership. Initial certification for director of pupil personnel services requires completion of an approved master’s degree, Level II Principal certification and three years of teaching experience.

The **Superintendent of Schools** program prepares highly qualified candidates for district-wide leadership. Initial certification for school superintendent requires completion of an approved master’s degree, Level II Principal certification, and three years of teaching and two years of administrative experience.

Admission Requirements

- Master of Arts in Education
- A score of 300 on the verbal section of the Graduate Records Exam (GRE) or a raw score of 20 on the Millers Analogy Test (GMAT).
- 2.5 GPA in the undergraduate degree or 2.75 GPA in the last 60 undergraduate hours or a 3.0 GPA in a minimum of 15 graduate hours.
- Educational objectives.

Non-degree Certification Programs

- Master's Degree.
- 3.0 GPA on graduate work.

Exit Requirements

- A master's degree is required to receive initial certification in a Level I or Level II Principal program.
- A Kentucky classroom teaching certificate and appropriate years of teaching and administrative experience as described above are required.

Assessment Requirements

- A program portfolio is required for each candidate admitted to the program. The program portfolio will be continuously developed and assessed within each course. Content contained within the portfolio shall align with the Interstate School Leaders Licensure Consortium Standards that have been accepted by the Kentucky Education Professional Standards Board. The advisor of each candidate will review the portfolio at least once during Level I and/ or Level II and at the completion of a candidate's program.
- Departmental comprehensive exam.
- The School Leaders Licensure Assessment (SLLA).
- The Kentucky Principal Test.

Research Requirement

- Complete an action research project in EAD 869.

**Masters of Arts in Education –
Educational Leadership**

CURRICULUM REQUIREMENTS

LEVEL II (Certificate)

Instructional Leadership 30 hours
EAD 801, 810, 824, 827, 828, 831, 834, 846, 869, EMS 850.
(With a previously completed Master's Degree.)

LEVEL I (Certificate)

Instructional Leadership 21 hours
EAD 801, 810, 827, 828, 834, 869, EMS 850.

LEVEL II (Certificate)

Instructional Leadership 9 hours
EAD 824, 831, 846.
(Level I certification required.)

ADDITIONAL CERTIFICATION OPTIONS

Supervisor of Instruction 12 hours
EAD 849, 859, EPY 816; SED 775, 800, or 810.
(Level II certification required.)

Director of Pupil Personnel Services 18 hours
EAD 808, 821, 849, 859, EPY 816; SED 775, 800, or 810.
(Level II certification required.)

Superintendent of Schools 12 hours
EAD 839, 849, 859, 879.
(Level II certification required.)

**DEPARTMENT OF COUNSELING
AND EDUCATIONAL
PSYCHOLOGY***

*Pending Board of Regents approval

TBD, Chair
www.education.eku.edu
Combs 406, (859) 622-1124

The Department of Counseling and Educational Psychology offers degree and non-degree graduate programs in counseling and educational psychology.

Master of Arts
Human Services (Two Options)
Student Personnel Services in Higher Education
Community Agencies
Mental Health Counseling

Master of Arts in Education
School Counseling

Rank I and Rank II Programs
School Counseling

Endorsements
Elementary School Counseling
Secondary School Counseling
Individual Intellectual Assessment

Counseling and Educational Psychology

The Counseling and Educational Psychology program area offers graduate programs in school counseling and mental health counseling as well as in human services (with options in student personnel services in higher education and in community agencies). Mental Health and School counseling programs are accredited by CACREP and meet the curriculum standards of the Kentucky Board of Certification for Professional Counselors.



Counseling and Educational Psychology Program Descriptions

The **Mental Health** program will prepare professional counselors to work in a variety of mental health settings, such as comprehensive care centers, regional mental health centers, hospitals and other settings in which mental health services are provided. Program electives may be used to work toward additional counseling specialty certifications such as in family, chemical dependency or gerontology counseling.

The **Human Services** program has two options. The Student Personnel Services in Higher Education option prepares individuals to work in a variety of student affairs settings in institutions of higher education. The Community Agencies option prepares individuals to function in a variety of support roles but not as counselors.

The **School Counseling** program is designed to prepare individuals to become school counselors. Although not required for this program, teaching certification and one year of teaching experience is required in order to earn the Kentucky School Counseling Certificate. The Provisional School Counseling Certificate will be awarded by the EPSB upon completion of the 48 hour degree. A Temporary Provisional certificate is available, see department chair for specific program requirements. The School Counseling Certification earned will be at either the Elementary School Counseling (K-8) or Secondary School Counseling (5-12) level depending upon the teaching certification held by the individual. Rank II will be earned at the completion of the first 33 hours in the program including the professional core. Twelve (12) additional semester hours beyond the degree will be required to earn the Standard Counseling Certificate and may also be used to earn the Rank I.

The **Individual Intellectual Assessment** endorsement provides an opportunity for certified school counselors to be endorsed to do individual intellectual assessment upon the completion of a minimum of twelve specific graduate hours beyond their provisional counseling certification.

Admissions to Masters of Arts in Education

All graduate school admissions requirements must be met which includes a minimum grade point average of 2.5 on a 4.0 scale and completion of the Graduate Record Exam (GRE) or the Miller Analogies Test (MAT). The applicant must also submit documentation as described on the counseling program area webpage at www.education.eku.edu (COE Quick Links to Counseling and Educational Leadership, then to Counseling and Educational Psychology) Additionally, the applicant must meet **one** of the following requirements for admission to the programs:

1. an undergraduate overall grade point average of 3.0 on a 4.0 scale **or**
2. an undergraduate grade point average of 3.0 on a 4.0 scale on the last 60 hours **or**
3. a minimum of 400 on the verbal section of the Graduate Record Exam (GRE) **or**
4. a minimum of 400 on the performance section on the Graduate Record Exam (GRE) **or**
5. a total raw score of 30 for all majors on the Miller Analogy Test (MAT).

**MASTER OF ARTS
Mental Health Counseling**

CURRICULUM REQUIREMENTS

Major Requirements 60-66 hours
Core 51-57 hours
 COU 803, 804, 813, 814, 820, 822, 840, 846, 847, 848, 850, 855, 880, 881*, EPY 816, 839, 869.
 *3-9 hours if internship is taken over 2-3 semesters.
Course Sequence: COU 813, 840, and 846 must be taken in semester sequence or as a corequisite.

Electives 9 hours
 To be selected with advisor approval.

**MASTER OF ARTS
Human Services**

CURRICULUM REQUIREMENTS

Major Requirements 36 hours
Core 21 hours
 COU 804, 813, 840,846, EPY 816, 839,869.

Student Personnel Services in Higher Education Option 12 hours
 COU 844, 845, POL 876, 877.

Community Agencies Option 12 hours
 COU 803, 847, HEA 795, MGT 860.

Electives 3 hours
 To be selected with advisor approval.

**MASTER OF ARTS IN EDUCATION
School Counseling**

CURRICULUM REQUIREMENTS

Major Requirements 48-54 hours
 COU 804, 813, 814 820 822, 825, 840, 846, 847, 848, 855, 880, 881*, EPY 816, 839, 869.

*3-9 hours if internship is taken over 2-3 semesters.

Course Sequence: COU 813, 840, and 846 must be taken in semester sequence or as a corequisite.

Provisional Counseling Certification Awarded with Masters' Degree in School Counseling

The provisional certificate for school counselors is issued for a period of five years and may be renewed upon the completion of a minimum of nine semester hours of graduate credit every five years from a standard guidance program until completion of the Standard Guidance Program. A Temporary Provisional certificate is available, see department chair for specific program requirements.

Standard Guidance and Rank I Certification

Persons holding the Provisional Certificate in Elementary or Secondary Counseling may earn Rank I and the Standard Guidance Certificate with specific additional hours from required and elective courses to total 60 graduate hours.

Standard Guidance Certification Requirements

Core **3 hours**
 COU 850.

Electives **9 hours**
 To be selected with advisor approval.

Endorsement from Elementary to Secondary School Counseling

Core **6 hours**
 ESE 863; COU 881 (secondary school setting grades 7-12).

Endorsement from Secondary to Elementary School Counseling

Core **6 hours**
 ELE 810 or EMG 810; COU 881 (elementary school setting grades P-6).

Endorsement for Individual Intellectual Assessment

Core **12 hours**
 COU 826, 827, 856; EPY 816.

Prerequisites: EPY 839, COU 855.
 Provisional counseling certification required.

**DEPARTMENT OF
 SPECIAL EDUCATION**

Dr. Kathryn Polmanteer, Acting Chair
www.education.eku.edu
 Wallace 245, (859) 622-4442

The Department of Special Education offers graduate programs leading to the Masters of Arts in Education, Rank II and Rank I, and Director of Special Education. The special education Masters of Arts in Education and teaching certification options are learning and behavior disorders, moderate and severe disabilities, deaf and hard of hearing, interdisciplinary early childhood education, and communication disorders. The Masters of Arts in Education, non-teaching option, is offered in interdisciplinary early childhood education. The Master of Arts in Education, alternative initial certification option is offered in learning and behavior disorders. Students should consult with a graduate advisor for the desired certification program as early as possible.

**MASTER OF ARTS IN EDUCATION
 Special Education**

Options in Learning and Behavior Disorders, Moderate and Severe Disabilities, Deaf and Hard of Hearing, and Interdisciplinary Early Childhood Education.

Admission – For clear admission to the MAEd program options the following programs must have an undergraduate grade point average of 3.0 overall or on the last 60 hours and program test requirement of:

Interdisciplinary Early Childhood Education

- Minimum GRE scores of verbal 400, quantitative 350
- **OR** combined GRE verbal, quantitative scores of 750, GPA of 3.0, and an on-demand writing task scored by IECE faculty
- **OR** Miller Analogies Test (MAT) raw score of 36, 3.0 GPA, and an on-demand writing task scored by IECE faculty
- **OR** GPA of 2.7 and composite GRE x GPA = 2250 and an on-demand writing task scored by IECE faculty.

Learning and Behavior Disorders and Moderate and Severe Disabilities

- Minimum GRE scores of verbal 450 and quantitative 350
- **OR** combined GRE verbal, quantitative scores of 800, a GPA of 3.0, and an on-demand writing task scored by LBD Faculty
- **OR** Miller Analogies Test (MAT) raw score of 36, GPA of 3.0, and an on-demand writing task scored by LBD faculty
- **OR** GPA of 2.7 and composite GRE x GPA = 2400 and an on-demand writing task scored by LBD Faculty

Deaf and Hard of Hearing

- Minimum GRE scores of verbal 450, quantitative 350 and a GPA of 3.0
- **OR** combined GRE verbal, quantitative scores of 800, and a GPA of 3.0.

CURRICULUM REQUIREMENTS

Professional Core* **9 hours**
 EPY 816, 869 6 hours
 One of the following 3 hours
 EDF 837, 850, 855 or EPY 839.

All Options: **12 hours**

Teaching Options: Candidates with provisional certification in LBD, MSD, DHH, and IECE.

Learning and Behavior Disorders (LBD)

Prerequisite (LBD provisional certification)
 SED 803, 804, 805, and 886 12 hours

Moderate and Severe Disabilities (MSD)

Prerequisite (MSD provisional certification)
 SED 806, 818, 890, and 886 12 hours

Deaf and Hard of Hearing (DHH)

Prerequisite (DHH provisional certification)
 SED 803, 809, 832, and 886 12 hours

Interdisciplinary Early Childhood, (IECE)

SED 801, 802, 805, and 886 12 hours

Non-Teaching Option: Interdisciplinary Early Childhood (IECE)

Prerequisites for entering the IECE option are a bachelor’s degree in special education or in a related discipline from an accredited institution.

Prerequisite course work (completed or equivalent)
 SED 104 or 575/775; SED 260, 360 or 820; SED 341 or 590/
 790; SED 352, 372 or 576/776; SED 518/718; SED 375 or 574/
 774.

Or documented successful work experience with pre-school children with disabilities approved by the academic advisor.

Program Requirements 30 hours
Core 12 hours
 SED 801, 802, 805, and 886.
Electives* 9 hours

Note: Graduate students who have completed a graduate course in Research in Education, Tests and Measurements, and/or cultural diversity and linguistic differences would select with their advisor a replacement Professional Education course from the list for the Rank II and I Professional Education listing courses.

*SPLASH training will not be counted in the M. A. Ed. in Special Education.

MASTER OF ARTS IN EDUCATION
Alternative Learning & Behavior Disorders
Initial Certification Option

CRITERIA/PROCEDURES FOR ADMISSION

Students seeking admission to the program must:

1. Submit an application to the Graduate School indicating a bachelor's degree including all transcripts from accredited colleges attended except Eastern Kentucky University.
2. Provide evidence of the following prior to being accepted into the program:
 - a. Master's degree OR 3.0 overall GPA OR 3.0 on the last 60 hours of coursework.
 - b. Acceptable Graduate School Admission exams by one of the following:

GRE 450 verbal and 350 quantitative* OR a combined score of 800 OR GPA of 2.75 and composite GRE x GPA = 2400 and an on-demand writing task scored by LBD Faculty.

*Applicants who completed the GRE prior to October 1, 2002 must meet the following:

1100 total score or may use the following formula to meet the GPA and GRE requirements:

Minimum 2.75 GPA and minimum 1000 GRE to apply the formula $GPA \times GRE = \text{minimum } 3300$.

Miller's Analogies Exam 36.

- c. A professional resume.
- d. An autobiography documenting relevant life/work/educational experience.
- e. Three letters of reference.
- f. Complete two written disposition assignments given by the department.
- g. An interview arranged by the Special Education Department.

CURRICULUM REQUIREMENTS

Program Requirements 49 hours
Special Education Core 34 hours
 SED 745, 775, 776, 778, 790, 791, 793, 807, 856, 886, 897.
Professional Education Core 15 hours
 EGC 820; ELE 871; EME 843, 872; EMG 806.

MASTER OF ARTS IN EDUCATION
Communication Disorders

Admission Requirements and Procedures

To be eligible for consideration for admission into the MAEd. Program in Communication Disorders, applicants must have a minimum undergraduate GPA of 3.0 overall and a minimum combined GRE score of 800 on the verbal and quantitative subtests and a score of 3 on the written subtest or a raw score of 36 on the Miller Analogies Test. Applicants must provide three positive letters of recommendation describing their potential success at the graduate level of study. Applicants must also provide an essay of approximately 500 words discussing personal and professional objectives. In addition to CD admission requirements, applicants must meet the general admission requirements of the Graduate School. Admission to Eastern Kentucky University's undergraduate program in Communication Disorders does not guarantee acceptance into Eastern Kentucky University's graduate program. There are limited spaces available in the graduate program. The most qualified applicants are admitted. Application forms are available from the Office of Graduate Education and Research, Coates Box 5A, Eastern Kentucky University, Richmond, KY 40475-3102. Send the complete application for admission with all required documents (application form, official transcripts, letters, essay) by February 1 to the Office of Graduate Education and Research.

Once admitted to the CD program students should submit an application for admission to the Teacher Education Program in the Office of Teacher Admission and Certification, Bert Combs, Room 423, (859) 622-1828.

Clinical Clock Hours Requirement

Students must complete 350 clinical clock hours before exiting from the graduate program. This requirement will meet the number of hours specified for national certification by the American Speech-Language-Hearing Association and will meet or exceed the hours required for Kentucky Teacher Certification in Communication Disorders and for Kentucky Licensure in Speech-Speech-Language Pathology. Clinical experiences for accruing clock hours are offered through SED 864, 874, 897, and 898.

Communication Disorders Core 36 hours
 SED 863, 867, 873, 874 (3-hour course taken 3 times), 875, 876, 877, 878, 879, 880.

Approved Electives in Communication Disorders/

Research Option* 9 hours
 *Students who choose the Research Option will take SED 899 for 3 hours and will take 6 hours of approved electives from areas such as CDF, EDF, ENG, EPY, NUR, OTS, PSY, and/or SED.

Professional Semester I 9 hours
 SED 720 and 898.

Professional Semester II 9 hours
 SED 870 and 897.

Minimum Program Total 63 hours

Certification and Rank Programs

Admission — To be eligible for admission into any special education nondegree graduate program (Rank II, I, Director of Special Education), a student must have a minimum undergraduate GPA of 2.5 overall or in the last 60 hours of course work. In addition, applicants for certification as Director of Special Education must have a masters degree or planned fifth-year program; a valid Kentucky certificate for teachers of exceptional children (including speech-language pathologist) or for school psychologist; three years experience (full-time) as a teacher of exceptional children, speech-language pathologist, or school psychologist.

CERTIFICATION PROGRAMS

Candidates pursuing special education certification in Learning and Behavior Disorders, Moderate and Severe Disabilities, Interdisciplinary Early Childhood Education, and Deaf and Hard of Hearing must hold at least provisional certification in a teaching field. The certification options are listed below. Rank II is earned at 32 hours while the certification is awarded at the completion of the entire program. Additional hours may apply toward a sixth year program (Rank I). It is very important that candidates seek early advisement from the department.

Deaf and Hard of Hearing

The prerequisites are an undergraduate degree and KY Provisional Teaching Certificate in P-5, 5-9, or High School for classroom teachers. Also students must have completed the following or equivalent prerequisite course work.

- Prerequisite Courses** 12 hours
ELE 445, EMG 447 or 806, MAT 201, 202.
- Required Courses** 37 hours
SED 775, ASL 101, SED 338, 380, 745, 710, 718, 722, 774*, 781, 830, and 897.

NOTE: Completion of the above program will not suffice for completion of a Rank program. For DHH Certification, the PRAXIS test in the area of a specialty must be passed.

*SED 774 can be waived with one year of successful teaching of students with DHH.

Interdisciplinary Early Childhood Education

The prerequisites are an undergraduate degree in early childhood or related field and a Kentucky Teaching Certificate or meet all requirements for admission to teacher education.

- Program Requirements** 49 hours
- Special Education** 28 hours
SED 304, 352, 436, 718, 722, 775, 777, 790, 897 (499).
- Child and Family Studies** 9 hours
CDF 741, 744, 746.
- Supporting Courses** 12 hours
SWK 456, ELE 719, NSC 700, OTS 715.

Course Requirements for Admission to Teacher

Education 16 hours
EDF 103/310, 203; CSC 104 or CIS 212; ENG 101, 102; MAT 105 or higher (excluding MAT 201, 202), all with grades of "C" or higher. Students must also take the University Writing Requirement (UWR).

Contact Office of Teacher Admission and Certification for additional requirements for admission to teacher education (859) 622-1828.

Note: Completion of the above program will not suffice for completion of a Rank program. For IECE Certification, successful completion of the Kentucky Interdisciplinary Early Childhood Exam is required. For registration information, contact EPSB Division of Testing, Research, and Internship at (502) 573-4606 ext 224.

Learning and Behavior Disorders

The prerequisites are an undergraduate degree and KY Provisional Teaching Certificate in P-5, 5-9, or High School for classroom teachers. Students must also have completed the following or equivalent prerequisite course work:

- Prerequisite Courses** 12 hours
ELE 445 or EMG 445; EMG 447 or 806; MAT 201, 202.
- Required Courses** 34 hours
SED 775, 722, 776, 778; SED 356 or 856; SED 745, 790, 791, 774*, 793, and 897.

NOTE: Completion of the above program will not suffice for completion of a Rank program. For LBD Certification, the PRAXIS test in the area of a specialty must be passed.

*SED 774 can be waived with one year of successful teaching of students with LBD.

Moderate-Severe Disabilities (P-12)

The prerequisites are an undergraduate degree and KY Provisional Teaching Certificate in P-5, 5-9, or High School for classroom teachers. Also students must have completed the following or equivalent prerequisite course work.

- Prerequisite Courses** 12 hours
ELE 445; ELE 446, MAT 201, 202.
- Required Courses** TBD hours
See Special Education Department web site for required courses (<http://www.education.eku.edu/Sed/>).

NOTE: Completion of the above program will not suffice for completion of a Rank program. For MSD Certification, the PRAXIS test in the area of a specialty must be passed.

*SED 774 can be waived with one year of successful teaching of students with MSD.



RANK PROGRAMS
Rank II (Fifth Year) Programs

The Rank II programs follow the guidelines approved for the College of Education in compliance with state guidelines. However, one of the Professional Core courses, EPY 816, is required by the department for a Rank II. These programs are to be planned in advance with an assigned advisor in special education.

Professional Core 6 hours
Professional Education 6 hours
Planned Electives in Academic Area(s) 12 hours
Planned Electives Within/Outside Department 8 hours
Minimum Total Program 32 hours

Rank I (Sixth Year) Program

The Rank I requires a minimum of 60 hours if a master’s program is included or a minimum of 30 additional hours after completion of a planned Rank II program.

**Special Education Courses Approved by
 Advisor 15 hours**
Electives 9 hours
Professional Education 6 hours
Minimum Total Program 30 hours

*SPLASH training will not be counted for the MAEd in Special Education nor for the certifications or endorsements in LBD and MSD, but it may be counted toward Rank I/II if approved as an elective by the advisor. Inservice training programs offered by the Kentucky Department of Education may not be counted for a degree, certification, or rank program.

**Professional Certificate for Director of
 Special Education**

The prerequisites for admission to the program for the Professional Certificate for Director of Special Education are:

- (a) a valid Kentucky certificate for teachers of exceptional children (including speech-language pathologists) or for school psychologists.
- (b) three years of experience as a full time teacher of exceptional children or speech-language pathologist and/or three years of experience as a full-time school psychologist.
- (c) a minimum of a master’s degree or planned fifth year program.

Prerequisite Courses* 12 hours

*The following or equivalent courses at the undergraduate or graduate level.
 SED 775 or SED 800, SED 790 (either SED 356, 793, 804, 806 or 809), SED 886.

Required Courses 15 hours

SED 810, 814, 816 (six hours), EAD 801.

For the Professional Certificate for Director of Special Education, students must enroll in SED 816 within three years of completing SED 810 and 814. All required courses (EAD 801, SED 810, 814, and 816) must be completed within five years.

**Non-Degree Program for Providing Services
 to the Deaf/Hard of Hearing**

The following course work cluster is designed to meet the needs of individuals trained in a variety of paraprofessional and professional programs who, upon graduation, are interested in the provision of services to deaf and hard of hearing children, youth, and adults. The program provides an introduction to culture awareness and the development of communication skills through the following course work cluster:

Prerequisite Courses* 15 hours

ASL 101, 102, 201, 202; ITP 115.

* These courses or the equivalent of these courses demonstrated through proficiency in American Sign Language and an equivalent orientation to deafness.

Required Courses 9 hours

SED 774**, SED 830, PSY 845.

**Practicum assignments will be interfaced with the individual’s specialty area and placement will be in a setting serving deaf or hard of hearing children, youth, and adults.

College of Health Sciences

Dr. David D. Gale, Dean
Rowlett 203
(859) 622-1523
david.gale@eku.edu

Dr. Donald L. Calitri, Associate Dean
Rowlett 204
(859) 622-1523
donald.calitri@eku.edu

Dr. Deborah Whitehouse, Associate Dean
Rowlett 225
(859) 622-1959
deborah.whitehouse@eku.edu

Health
Sciences

Departments

Baccalaureate and Graduate Nursing

Dr. Deborah Whitehouse, Chair	(859) 622-1956	deborah.whitehouse@eku.edu	Rowlett 225
Graduate Coordinator, Dr. Judy Short	(859) 622-1941	judy.short@eku.edu	Rowlett 322

Environmental Health Science - MPH

Dr. Darryl D. Barnett, Chair	(859) 622-3078	db.barnett@eku.edu	Dizney 220
Graduate Coordinator - Dr. Steve Konkel	(859) 622-6343	steve.konkel@eku.edu	Dizney 210

Exercise and Sport Science

Dr. Lonnie Davis, Chair	(859) 622-1887	lonnie.davis@eku.edu	Moberly 233
Graduate Coordinator- Dr. Jack Rutherford	(859) 622-8149	jack.rutherford@eku.edu	Moberly 223A

Family and Consumer Sciences

Dr. Diane Leggett, Chair	(859) 622-3445	diane.leggett@eku.edu	Burrier 102
Graduate Coordinator - Dr. Mary Wilson	(859) 622-1172	mary.wilson@eku.edu	Burrier 200A

Health Promotion and Administration

Dr. Michael Ballard, Chair	(859) 622-1142	michael.ballard@eku.edu	Begley 421
Graduate Coordinator - Dr. Vickie Sanchez	(859) 622-4967	vickie.sanchez@eku.edu	Begley 424

Health Sciences Learning Resource Center

Dr. Patsy Daugherty	(859) 622-2091	patsy.daugherty@eku.edu	Rowlett 311
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Health Careers Opportunity Program

Dr. Patsy Daugherty	(859)622-8207	patsy.daugherty@eku.edu	Dizney 132
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Occupational Therapy

Dr. Onda Bennett, Chair	(859) 622-6301	onda.bennett@eku.edu	Dizney 103
Graduate Coordinator - Dr. Colleen Schneck	(859) 622-6328	colleen.schneck@eku.edu	Dizney 110

Recreation and Park Administration

Dr. Charlie Everett, Chair	(859) 622-1833	charlie.everett@eku.edu	Begley 401
Graduate Coordinator	(859) 622-1835	jon.mcchesney@eku.edu	Begley 406

The College of Health Sciences, in association with the Office of Graduate Education and Research, offers the following degrees:

Master of Science degree in Community Nutrition with options for 1) – the Community Nutrition Practicum, which does not lead to Registered Dietitian (RD) eligibility or 2) – the Dietetic Internship, which does lead to Registered Dietitian (RD) eligibility.

Master of Public Health degree with options in Chemical Abuse and Dependency, Community Health, Environmental Health Science and Public Administration.

Master of Science in Nursing degree with options in Rural Health Family Nurse Practitioner, Rural Psychiatric Mental Health Nurse Practitioner, and the Advanced Practice Rural Public Health Nursing option with an area of concentration in either Administration or Nursing Education

Master of Science in Occupational Therapy, professional and post professional degrees; multidisciplinary doctoral program in rehabilitation sciences (in collaboration with the University of Kentucky)

Master of Science degree in Physical Education with three options: Exercise and Sport Science, Exercise and Wellness, and Sport Administration.

Master of Science degree in Recreation and Park Administration.

HEALTH SCIENCES LEARNING RESOURCE CENTER

Dr. Patsy Daugherty, Director
www.hplrc.eku.edu
 (859) 622-2091
 Rowlett 310

The Health Sciences Learning Resource Center is an audiovisual library and computer center for the College of Health Sciences. It provides support to the instructional needs of the faculty through audiovisual materials, equipment, and other services. The primary purpose of the Center is to provide the student the opportunity to reinforce previous learning of clinical/classroom content through independent review of audiovisual materials and Computer interactive learning programs. Students also have access to other resources such as anatomical models, interactive video resources, professional articles, e-mail, the Internet, literature searches, and word processing. The Learning Resource Center is located in the Rowlett Building, Room 310.

CLINICAL FACILITIES

The University maintains formal contracts with many health care agencies located throughout Kentucky and the southeastern United States. The University is not liable for, nor is there a fund from which payment can be made for those who are inconvenienced or incur expenses based upon canceled classes, assignments, or clinical placement, etc. Programs reserve the right to make changes as necessary to ensure a quality educational experience.

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 levels will not be permitted to enroll for graduate level credit in the 700 level counterparts. Credit will not be awarded for both the 700 and 500 level of the same course.

Cross Listed Courses — Some courses are offered under different prefixes with the same course content. Students will not be awarded credit for any course which they have previously received credit under a cross-listed prefix.

DEPARTMENT OF BACCALAUREATE AND GRADUATE NURSING

Dr. Deborah Whitehouse, Chair
www.bsn-gn.eku.edu
 (859) 622-1827

The Department of Baccalaureate and Graduate Nursing offers the Master of Science in nursing degree. The program is designed to allow nurses with a baccalaureate degree to prepare for rural health advanced practice roles. Master's degree options available include Rural Health Family Nurse Practitioner, Rural Psychiatric Mental Health Nurse Practitioner, and the Advanced Practice Rural Public Health Nursing option with an area of concentration in either Administration or Nursing Education. Students in an option other than Advanced Practice Rural Public Health Nursing who are interested may also request to take the nursing education courses as electives, which are not a part of the planned degree program.

Graduates of the M.S.N. program will have specific competencies related to rural health nursing practice either as a Family Nurse Practitioner, Psychiatric Mental Health Nurse Practitioner, or a Community/Public Health Nursing Specialist. Advanced Nursing Practice Outcomes:

1. Demonstrates the synthesis of expert knowledge for advanced nursing practice in rural communities.
2. Evaluate theory and research in nursing and related disciplines for their contribution to advanced nursing practice and professional role development.
3. Function as a leader in the analysis and advancement of rural health care.
4. Utilize research methodology and advanced nursing practice knowledge to identify client needs, propose interventions at the advanced practice level, and evaluate effectiveness of solutions and alternatives.
5. Work within complex organizational and political systems to influence rural health care delivery.
6. Communicate, collaborate, and consult with clients and colleagues in nursing and other disciplines to meet rural health care needs.
7. Interpret the purpose and role of advanced nursing practice to professional colleagues and consumers.
8. Integrate ethical and legal principles into advanced nursing practice.

Special Program Requirements**MASTER OF SCIENCE IN NURSING
Nursing**

Admission — Minimum requirements for admission to the program include 1) a baccalaureate degree in nursing from a nationally accredited program, 2) a free and unrestricted R.N. license in Kentucky, and 3) an undergraduate GPA of at least 2.75 (4.0 scale) cumulative or in last 60 hours. Admission is competitive and limited to available space. In addition to the above criteria, consideration is also given to the applicants' scores on either the sub-tests of the Graduate Record Examination general test or the Miller's Analogy Test, the student's statement of Personal and Professional Objectives submitted with the Graduate School application, the three required professional references and the rural nature of the site identified for matriculation or proposed for future practice. Application deadlines for the Rural Health Family Nurse Practitioner option or the Rural Psychiatric Mental Health Nurse Practitioner option are January 15 for summer admission (full-time) and March 15 for fall admission (part-time). Application deadline for the Advanced Practice Rural Public Health Nursing option with an area of concentration in either Administration or Nursing Education is March 15 for both full and part-time admission. Admission may be granted at other times during the year if spaces are available in an option.

Candidacy — Admission to candidacy must be approved no later than the third week of the semester in which the student is enrolled in any of the last 12 hours of the degree program. See the General Academic Information section of this *Catalog* for complete information on candidacy.

Program — A minimum of 39 hours of graduate credit is required.

Core Courses 15 hours
NSC 840, 842, 890, 892, HEA 855.

**Rural Health Family Nurse Practitioner
Option** 24 hours
NSC 830, 832, 834 9 hours
Practicum Courses (NSC 870, 872, 874, 876) 15 hours
In addition, must complete a minimum of 9 hours of NSC 800 to meet clinical clock hour requirement for Family Nurse Practitioner Certification Examination.
Total Hours 39 hours
Plus 9 hours of NSC 800.

**Rural Psychiatric Mental Health Nurse Practitioner
Option** 24 hours
NSC 830, 832, 834 9 hours
Practicum Courses (NSC 880, 882, 884, 886) 15 hours
In addition, must complete a minimum of 9 hours of NSC 800 to meet clinical clock hour requirement for Psychiatric Mental Health Nurse Practitioner Certification Examination.
Total Hours 39 hours
Plus 9 hours of NSC 800.

**Advanced Practice Rural Public Health Nursing Option
(Area of Concentration in Administration)** 24 hours
POL 875, HEA 816, NSC 836 or
approved substitute 9 hours
Practicum Courses (NSC 850, 852, 860, 862) 15 hours
Total Hours 39 hours

In addition, students who wish to sit for the Community/Public Health Clinical Specialist Certification Examination must complete 2-3 hours of NSC 800 to meet the clinical clock hour requirement.

**Advanced Practice Rural Public Health Nursing Option
(Area of Concentration in Nursing Education)** 24 hours
NSC 836 or approved substitute,
NSC 844, NSC 846 9 hours
Practicum Courses (NSC 848, 850, 852, 862) 15 hours
Total Hours 39 hours

In addition, students who wish to sit for the Community/Public Health Clinical Specialist Certification Examination must complete 2-3 hours of NSC 800 to meet the clinical clock hour requirement.

**DEPARTMENT OF
ENVIRONMENTAL HEALTH
SCIENCE**

Dr. Darryl D. Barnett, Chair
www.environmentalhealth.eku.edu/GradPGM
(859) 622-3078

Environmental Health Science

The Department of Environmental Health Science offers the Masters in Public Health with an option in Environmental Health Science. The Department of Environmental Health Science provides courses in conjunction with the College of Arts and Sciences leading to a Masters of Public Administration degree with an Environmental Health Science option.

Contact Dr. Steve Konkel for additional information on the option in EHS.

MASTER OF PUBLIC HEALTH

The Department of Environmental Health Science offers the Masters in Public Health - Environmental Health Science (MPH-EHS). The MPH-EHS admitted its first candidates in July 2000. The Program is dedicated to providing the highest quality education and services to prepare the most knowledgeable and successful environmental health professionals in the field.

Admissions –

- 1) A minimum Graduate Record Examination - (GRE) combined score of 800 on the verbal and quantitative sections, or a Miller Analogy Test (MAT) Score of 30.
- 2) A two-page type written essay expressing the Personal and Professional Goals of the Student.
- 3) Three letters of recommendation. One from a former faculty, one from the current supervisor and an additional letter as decided by the students.

The Master of Public Health, Environmental Health option, seeks candidates who have successfully completed an undergraduate degree in environmental health science or related fields. The ideal candidate will also have a post-baccalaureate certification in environmental health science, along with a minimum of one year of professional work experience in the field. The program does not conduct probationary admissions for candidates who do not meet the minimum requirements of the program or the Graduate School.

Candidacy — Admission to candidacy must be approved no later than the third week of the semester in which the student is enrolled in any of the last 12 hours of the degree program. See the General Academic Information section of this *Catalog* for complete information on candidacy.

Thesis — A thesis or major research paper is required in this program after a conference with the EHS graduate faculty.

Comprehensive Examination — Candidates shall perform satisfactorily on a written or oral examination of their program of study.

Program — A minimum of 42 hours of graduate credit is required for students with two or more years of environmental health experience or who possess a state or national registration or certification in the field as approved by the Program Director. An additional six graduate hours (EHS - 863 or EHS - 849) is required for students who do not meet the aforementioned criteria.

Core Courses	18 hours
EHS 850, HEA 810, HEA 816, HEA 830, EHS 870 or HEA 855, EHS 800 or PHE 800.	
Environmental Health Option	18 hours
EHS 865 plus select 15 hours from the following courses in consultation with faculty advisor: EHS 825, 840, 845, 855, 860, 877, 880, 890, LPS 815, 822.	
Research/Thesis	6 hours
EHS 899 and 899C, or EHS 890 and 896.	
Internship/Practicum	6 hours
EHS 863 or EHS 839.*	
Total Hours	48 hours

*Exempted for students as defined in the Program section.

DEPARTMENT OF EXERCISE AND SPORT SCIENCE

Dr. Lonnie J. Davis, Chair
www.physed.eku.edu
 (859) 622-1887

MASTER OF SCIENCE Physical Education

The Department of Exercise and Sport Science offers the Master of Science degree in Physical Education with three options: Exercise and Sport Science, Exercise and Wellness, and Sport Administration. The options in Exercise and Sport Science and Exercise and Wellness are designed for persons interested in

studying the art and science of human movement. The Sports Administration option is designed for the prospective sports administrator in both school and non-school settings. All options afford opportunity for in-depth study and research for purposes of advance graduate work. The Department of Exercise and Sport Science also provides specialized courses used by the College of Education for Master of Arts in Education degree programs and certification programs leading to Rank II and Rank I, Physical Education. The Master of Arts in Education degree in Physical Education, the sixth year non-degree program, and the fifth year non-degree program in physical education are supported by the Department of Exercise and Sport Science and can be found in the College of Education section of this *Catalog*.

Admission — A student must have completed an undergraduate degree and meet the admission standards of the Graduate School. Admission into the Master of Science degree program in Physical Education requires demonstration of adequate undergraduate preparation in physical education or in a field related to graduate study in physical education. Adequate preparation may be demonstrated in one of two ways: (1) Completion of a baccalaureate degree program with a major or minor or equivalent in physical education/exercise sport science or similarly named major or related discipline. Transcripts serve as adequate documentation for admission. (2) Submission of a professional portfolio, which includes a combination of relevant academic and experiential preparation. Presentation of a professional portfolio of work experience serves as documentation for admission consideration. Portfolio materials must document experiences and may include assessments by supervisors or other valid assessment reports.

Note: Students must submit relevant documents with their original application for admission to the Graduate School.

Candidacy — All conditions for admission to the Graduate School as well as any prerequisites to admission to the degree program must have been completed before the application for candidacy may be approved. Refer to the General Academic Information section of this *Catalog* for degree completion requirements.

Thesis — The thesis is optional in this program.

Comprehensive Examination — Candidates shall perform satisfactorily on a written examination of their program of study.

Program — A minimum of 30 hours of graduate is required.

Exercise and Sport Science Foundations **18 hours**
 PHE 800 or EDF 869 and select 15 additional hours from:
 PHE 762, 812, 814, 821, 822, 823, 825, 831, 833, 848, 851, 852, 869, 875, 891, 895.

Select one of the following options **12 hours**
Exercise and Sport Science Option
 Select one 800 level PHE course (3 hours) plus nine hours of PHE 700 and/or 800 level courses.*

Sports Administration Option
 PHE 835, PUB 730, and PHE 870 (6 hours) or PHE 839 (6 hours).

Exercise and Wellness Option
 PHE 812, NFA 717, PHE 871 (6 hours).

Total Requirements **30 hours**
 *A maximum of nine hours of 700 level course works is allowed.

Note: For information on the Master of Arts in Education Degree in Physical Education, see College of Education.

DEPARTMENT OF FAMILY AND CONSUMER SCIENCES

Dr. Diane Leggett, Chair
www.fcs.eku.edu
(859) 622-3445

The Department of Family and Consumer Sciences offers the Master of Science degree in Community Nutrition, which is designed to prepare professionals for nutrition positions in a variety of community health agencies.

There are two options in the Master of Science in Community Nutrition. Option 1 is for persons who do not desire an internship and does not lead to Registered Dietitian eligibility. Option 2 is the Dietetic Internship and does lead to RD eligibility.

The Department of Family and Consumer Sciences provides courses at the graduate degree level in child and family studies; nutrition, foods, and food service administration; and apparel design and merchandising.

The Master of Arts in Education degree with an option in Family and Consumer Sciences Education is offered in the College of Education with the cooperation of the Department of Family and Consumer Sciences. The requirements for the M.A.Ed. degree may be found in the College of Education section of this *Catalog*.

The M.Ed. is for individuals who are currently certified to teach in Family and Consumer Sciences.

The Master of Arts Teaching (M.A.T.) Degree with an option in Family and Consumer Sciences leads to teacher certification for those who have completed a B.S. (non-teaching) in one of the programs in Family and Consumer Sciences. This degree is also offered by the College of Education with the cooperation of the Department of Family and Consumer Sciences. Degree requirements for the MAT are in the College of Education section of this *Catalog*.

Special Program Requirements

MASTER OF SCIENCE Community Nutrition

The Department of Family and Consumer Sciences provides specialized courses in support of graduate programs in their respective disciplines leading to the Master of Arts in Education degree.

Admission —

1. Bachelor's degree.
2. 2.5 GPA in undergraduate degree or 2.75 GPA in the last 60 undergraduate hours.
3. A score of 300 on the verbal section of the Graduate Record Examination (GRE) and 300 on the quantitative section of the Graduate Records Examination OR a score of 25 on the Miller's Analogy Test (GMAT).

Prerequisites — Students who have completed an undergraduate degree in nutrition or dietetics comparable to that required at Eastern Kentucky University will be admitted. Students from other majors may be admitted; however, they will be required to

make up deficiencies in the undergraduate nutrition or dietetics program. Students must complete the following prerequisites prior to admission to candidacy: BIO 301-Physiology; NFA 301-Bionutrition or CHE 330-Introductory Biochemistry; NFA 302-Diet Therapy, NFA 402-Therapeutic Nutrition and NFA 403-Application of Therapeutic Nutrition, or their equivalents; and HEA 450 - Interpretation of Health Data or Statistics.

These requirements may be met while enrolled in the program. Non-dietetic majors desiring to meet minimum academic knowledge requirements for the American Dietetic Association may need additional courses.

Candidacy — In order to receive recommendation for admission to candidacy, the student must:

- Have achieved clear admission to the degree program.
- Maintain a 3.0 grade point average through all graduate hours.
- Have completed all background deficiencies as indicated.

Comprehensive Examinations — A written comprehensive examination on related course work and an oral examination at the conclusion of the field experience are required. Refer to the General Academic Information section of this *Catalog* for degree completion requirements.

Program — A minimum of 30 semester hours of graduate credit is required. The components of the program include: (a) advanced nutrition, (b) public health and community nutrition administration, (c) behavioral science and education, and (d) applied experiences in community agencies. Concurrent field experiences and a full time eight-week block field experience are required components of this program.

Option 1 — Does not lead to becoming a Registered Dietitian. Graduate is not RD eligible.

Those graduate students who already possess the RD or are not seeking the RD will take NFA 835 (Option 1) to complete the requirements for the Community Nutrition, M.S.

Option 2 — Does lead to becoming a Registered Dietitian. Graduate is RD eligible.

Only graduate students completing the coursework in Eastern Kentucky University's MS in Community Nutrition are eligible to apply for Eastern Kentucky University's Dietetic Internship (NFA830 or 831). If a student elects to apply, and is not accepted, they may either enroll in NFA 835 which is open to all students or choose to reapply for the internship at the next application date. Successful completion of NFA 835 will complete the MS in Community Nutrition requirements, but does not lead to RD eligibility.

The Eastern Kentucky University Dietetic Internship participates in the preselect option to computer matching. In the preselection process, the program can select 16 graduate students per year who have met the admission requirements for the DI. For specific application deadlines, contact the Director of the Dietetic Internship program.

Application for Option II

Requirements for application include:
Completed program application, available from ECU's Director of Dietetic Internship.
Work experience within the previous two years.
Volunteer services.

Written letter of goals and objectives.
 ADA verification form.
 Currently enrolled in last semester of graduate work.
 3.0 GPA in all graduate courses.
 Submission of three recommendation forms (see M.S. in
 Community Nutrition Graduate Handbook).

Advanced Nutrition	9 hours
Choose 9 hours from the following:	
NFA 705 Maternal and Infant Nutrition	3 hours
NFA 707 Child and Adolescent Nutrition	3 hours
NFA 709 Nutrition and Aging	3 hours
NFA 717 Sports Nutrition	3 hours
NFA 800 Nutrition Topics	3 hours
NFA 801 Advanced Nutrient Study	3 hours
NFA 802 Advanced Diet Therapy	3 hours
NFA 804 Nutrition Assessment	3 hours
NFA 816 Special Problems in Nutrition	3 hours
NFA 825 Obesity and Eating Disorders	3 hours
NFA 841 Volume Foodservice Management	3 hours
Public Health and Community Nutrition	
Administration	9 hours
NFA 811 Advanced Community Nutrition	3 hours
NFA 820 Community Nutrition Administration	3 hours
HEA 855 Epidemiology & Risk Management	3 hours
Behavioral Science and Education	6-9 hours
EPY 854 Mental Health & Personal Adjustment ...	3 hours
EDF 869 Research in Education	3 hours
Applied Experiences	6-12 hours

(Must choose Option 1 or Option 2)

Option 1 (If internship is not desired — does not lead to RD eligibility)
NFA 835 Community Nutrition Practicum 6 hours

Option 2 (If internship is desired — does lead to RD eligibility)
NFA 830 Dietetic Internship-Medical Nutrition Therapy and Food Service Management Rotations 6 hours
NFA 831 Dietetic Internship-Community Nutrition Rotations 6 hours

Total Hours M.S. Community Nutrition with Applied Experience - Option 1 30 hours

Total Hours M.S. Community Nutrition with Applied Experience - Option 2 36 hours

DEPARTMENT OF HEALTH PROMOTION AND ADMINISTRATION

Dr. Michael D. Ballard, Chair
www.healthed.eku.edu
 (859) 622-1142

The Department of Health Promotion and Administration offers the Master of Public Health with options in Chemical Abuse and Dependency, Community Health, and Public Administration. This program is designed to meet the needs of mid-career professionals in public and environmental health arenas.

The Department of Health Promotion and Administration offers course work in support of the Master of Arts in Education degree option. The option in School Health Education is designed for certified public school teachers who wish to pursue graduate work in health education. The requirements for degree may be found in the College of Education section of this *Catalog*.

The Department of Health Promotion and Administration provides specialized courses in conjunction with the College of Education leading to the degree Master of Arts in Education with options in School Health and Allied Health Sciences Education. Rank II and Rank I certifications are also supported by departmental curricular offerings.

The Department of Health Promotion and Administration also cooperates with the Department of Government in offering 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. The curriculum for the degree and option may be found in the College of Arts and Sciences section of this *Catalog*.

The Department of Health Promotion and Administration also provides courses in conjunction with the College of Arts and Sciences leading to a Master of Public Administration degree with a Community Health Administration option. The department also offers courses, which may be used in partial fulfillment of the eligibility requirements for application for certification as a Certified Alcohol and Drug Counselor (CADC).

The Department of Health Promotion and Administration offers the following courses which may be used in partial fulfillment of the eligibility requirements for application for certification as a Certified Alcohol and Drug Counselor (CADC): HEA 794, HEA 795, HEA 796, HEA 797, and supervised practice through HEA 899.

MASTER OF PUBLIC HEALTH

Admissions — A minimum Graduate Record Examination – (GRE) combined score of 800 on the verbal and quantitative sections, or a Miller Analogy Test (MAT) Score of 30.

A two-page type written essay expressing the Personal and Professional Goals of the student. (Double spaced and limited to two pages)

Three letters of recommendation. One from former faculty, one from supervisor and an additional letter as decided by a student.

A writing example of a graded paper from a previous undergraduate class or graduate class. Documents generated in the workplace are not acceptable. If no graded paper is available then one of the following may be submitted.

Copy of a publication with the student as the single author. An independently generated research or editorial document of no less than 2 double-spaced, typewritten pages.

Candidacy — Admission to candidacy must be approved no later than the third week of the semester in which the student is enrolled in any of the last 12 hours of the degree program. See the General Academic Information section of this *Catalog* for complete information on candidacy.

Thesis — The thesis is optional in this program.

Comprehensive Examination — Candidates shall perform satisfactorily on a written examination of their program of study.

Program — A minimum of 36 hours of graduate credit is required.

Core Courses **18 hours**
 EHS 850, HEA 810, 816, 830, HEA 855 or EHS 870, PHE 800 or EHS 800.

Chemical Abuse and Dependency Option **12 hours**
 HEA 794, 795, 796, 797.

Community Health Option **12 hours**
Students with an undergraduate degree in community health:
 Select 12 hours from ACC 750 or 820, HEA 780, 791, 792, 793, 794 or 795, 798, 799, 807, 875, 898, NFA 700, POL 845.
Students without an undergraduate degree in community health:
 HEA 780, HEA 798 and
 6 hours from ACC 750 or 820, HEA 791, 792 793, 794 or 795, 799, 807, 875, 898, NFA 700, POL 845.

Public Administration Option **12 hours**
 POL 801 plus 9 hours from POL 875, POL 876, POL 877, POL 879.

Research/Thesis **6 hours**
 HEA 897, or HEA 880 and 899.

Total Hours **36 hours**

DEPARTMENT OF OCCUPATIONAL THERAPY

Dr. Onda Bennett, Chair
www.ot.eku.edu
 (859) 622-3300

The Department of Occupational Therapy offers the Master of Science degree in Occupational Therapy. This program allows the opportunity for professional and post-professional study. The program is designed to allow students three routes of entry: (Option 1) the individual with a baccalaureate degree in occupational science, (Option 2) the individual with a baccalaureate degree in a discipline other than occupational science or occupational therapy, or (Option 3) the individual with a baccalaureate degree or post-baccalaureate certificate from an accredited occupational therapy program.

The graduates of the Master of Science degree program in Occupational Therapy will demonstrate the ability to:

- (1) Design, provide and analyze evidence-based occupational therapy services that engage people in occupation to support their participation in context or contexts.
- (2) Use alliances to develop outcomes to improve the health of diverse persons and communities.
- (3) Contribute to occupational therapy practice, education and research through the ethical application of reasoning abilities.

- (4) Reflect the profession’s values, principles and beliefs in carrying out professional responsibilities.
- (5) Inform, negotiate, advocate and consult with diverse persons, disciplines and communities to facilitate and promote health.

Program Requirements

Admission — General Criteria: All applicants must (1) meet the general requirements for admission to the Graduate School, (2) have at least a 3.0 overall undergraduate GPA or at least a 3.0 GPA on the last 60 hours of undergraduate work completed (all hours attempted in the semester in which the 60th hour occurs will be counted), and (3) complete OTS 498 or equivalent portfolio course.

Admission is competitive and limited to available space. In addition to the above criteria, consideration is also given to the applicant’s scores on the subtest of the Graduate Record Examination (GRE) general test score or the Miller’s Analogy Test (MAT) and the student’s statement of Personal and Professional Objectives submitted with the Graduate School application.

OPTION 1

Admission — Specific Criteria: Students with a baccalaureate degree in occupational science should apply to the Graduate School by January 15 of the senior year for admission into the fall session.

Program Option 1

Core Courses **24 hours**
 OTS 820, 822, 830, 832, 850, 870, 880.

Electives **6 hours**
 OTS 720, 730, 731, 825, 835, 851, 852, 853, 855, 862, 863, 866, 875, 882, 890.

Research **9 hours**

Non-thesis
 OTS 861, 871, 896 and an elective.
 Comprehensive examination required

OR

Thesis
 OTS 861, 871, 898, 899.

Fieldwork **17 hours**
 OTS 821, 831, 845, 846, 847.

A minimum of 56 semester hours of graduate credit is required.

OPTION 2

Admission — Specific Criteria: An undergraduate degree in a discipline other than occupational science or occupational therapy and course work in Human Anatomy, Human Physiology, Psychology, Neuroscience, Advanced Anatomy and a survey of diagnoses course. Each student must submit a course description of prerequisite course work with the application.

Students who have degrees in fields outside of occupational science and occupational therapy will be admitted to the M.S. program once a year, for enrollment beginning in the summer session. To be considered for admission for the summer session, all course work required for admissions must be completed. Applications must be submitted by January 15.



Program Option 2

- Transition Courses (taken in summer session)**
 12 hours
 OTS 802, 812, 814.
- Core Courses** 24 hours
 OTS 820, 822, 830, 832, 850, 870, 880.
- Electives** 6 hours
 OTS 720, 730, 731, 825, 835, 851, 852, 853, 855, 862, 863, 866, 875, 882, 890.
- Research** 9 hours
Non-thesis
 OTS 861, 871, 896 and an elective.
 Comprehensive examination required
OR
Thesis
 OTS 861, 871, 898, 899.
- Fieldwork** 17 hours
 OTS 821, 831, 845, 846, 847.

A minimum of 67 semester hours of graduate credit is required.

OPTION 3

Admission — Specific Criteria: An undergraduate degree or a post-baccalaureate certificate from an accredited occupational therapy program. Students with a baccalaureate degree or a certificate in occupational therapy may apply at any time.

Certification in occupational therapy is considered equivalent to the core professional courses (OTS 820, 822, 830, 832).

Program Option 3

- Core Courses** 12 hours
 OTS 834, 850, 870, 880.
- Electives/Cognates** 9 hours
 OTS 720, 730, 731, 825, 735, 851, 852, 853, 855, 862, 863, 866, 875, 882, 890.
- Cognates may be selected from related areas such as Business, Special Education, Therapeutic Recreation, Education, Nutrition, Child Development, Psychology, Sociology, etc.
- Research** 9 hours
Non-thesis
 OTS 861, 871, 896 and an elective.
 Comprehensive examination required
OR
Thesis
 OTS 861, 871, 898, 899.

A minimum of 30 semester hours of graduate credit is required.

Required For All Options

Thesis - A thesis is optional in this program. If thesis option is selected, an oral defense of the thesis is required.

Comprehensive Examination - A comprehensive examination will be required of all non-thesis candidates.

Candidacy – See the General Academic Information section of this *Catalog* for complete information on candidacy.

The professional course work for Option 1 and 2 is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE), 4720 Montgomery Lane Bethesda, MD 20814, (301) 652-2682. Following successful completion of option 1 or option 2, the graduate is eligible to sit for the National Board for Certification in Occupational Therapy (NBCOT) certification examination. For additional information on the examination, contact NBCOT, 800 S. Frederick Avenue, Suite 200, Gaithersburg, MD. 20877-4150, (301) 869-8492.

Professional level graduates must apply for licensure and/or certification prior to practicing in any state. A criminal record (excluding minor traffic violations) may make a person ineligible for national certification examination and/or licensure or state certification for practice. Students with such a history should contact NBCOT and relevant licensing or certifying bodies prior to enrollment to determine their situation.

For more information regarding the profession, contact the American Occupational Therapy Association (AOTA), 4720 Montgomery Lane, Bethesda, Maryland, 20814, www.aota.org.

Program changes may occur in response to accrediting agencies. Students should contact the department to verify program requirements.

Rehabilitation Sciences Doctoral Program
 (in collaboration with the University of Kentucky)

The Department of Occupational Therapy provides course work for the major field of study in support of the collaborative program offered through the University of Kentucky. The Doctoral Program in Rehabilitation Sciences is designed to produce academic leaders, researchers and clinical leaders in one of three tracks: pediatrics, aging and adult neurogenic disorders or movement dysfunction. The curriculum will provide the students with general knowledge of the full spectrum of the rehabilitation process as well as in-depth knowledge of one specific area of a discipline, such as Occupational Therapy, Physical Therapy or Speech and Communication. The degree is awarded by the University of Kentucky.

Admission Requirements — The student will apply to the University of Kentucky Graduate School. Students must meet the admission criteria of the Graduate School at the University of Kentucky, possess a Masters Degree and be eligible for a current license to practice in Kentucky.

**DEPARTMENT OF RECREATION
 AND PARK ADMINISTRATION**

Dr. Charlie Everett, Chair
www.recreation.eku.edu
 (859) 622-1833

The Department of Recreation and Park Administration offers a Master of Science degree in Recreation and Park Administration. Graduates pursue supervisory and management positions in the delivery of recreation, parks, and leisure services.

The Department of Recreation and Park Administration is responsible for program advisement and course prescriptions leading to the Master of Science degree in Recreation and Park Administration.

Full time students may complete the M.S. degree in one year. Graduates may be eligible to apply for the Certified Park and Recreation Professional (CPRP), Provisional Park and Recreation Professional and/or Certified Therapeutic Recreation Specialist certification (CTRS).

MASTER OF SCIENCE Recreation and Park Administration

The Master of Science program provides a generalized study in recreation, parks, and leisure services management. The program prepares students for supervisory and management careers in therapeutic recreation, commercial recreation and tourism, and public and nonprofit recreation. Individuals with backgrounds in biology, business, physical education, sociology, and psychology frequently lead professional careers in recreation, parks, and leisure services.

Admission — Applicants are expected to have an undergraduate grade point average of at least 2.5 overall and a combined score on the Graduate Record Examination (GRE) of at least 700, on the verbal and quantitative section, to receive clear admission to the degree program or the Miller Analogy Test (MAT) score of 30.

An undergraduate major or minor in recreation, parks, or leisure is preferred. REC 350 and REC 460 (or course equivalents) are undergraduate prerequisites for students not holding a BS degree in recreation, parks, or leisure services.

Courses open to graduate students require a minimum understanding of foundations in recreation and park administration, knowledge of facility operation, agency budgeting, and legal issues. Students with limited field experience may be required to complete a graduate practicum course.

Candidacy — All conditions for admission to the Graduate School as well as any prerequisites for admission to the degree program must be completed before admission to candidacy. Refer to the General Academic Information section of this *Catalog* for more information on degree requirements.

Thesis — A thesis is optional in this degree program.

Comprehensive Examination — A comprehensive examination is required.

CURRICULUM FOR THE GENERAL PROGRAM

Recreation Core Requirements 15 hours

A. Foundation. REC 825 3 hours

B. Administration. REC 840, 850 6 hours

C. Research. PHE 800 3 hours

D. Advanced Study. REC 809 3 hours

Supporting Courses 9 hours

Select from the following courses: REC 711, 712, 716, 730, 790, 815, 870, 871, and 890.

Elective Courses 6 hours

Total Requirements 30 hours

College of Justice and Safety

DR. ALLEN L. AULT, Dean

www.justice.eku.edu

(859) 622-3565

The College of Justice and Safety offers three master's degrees: (1) the Master of Science degree in Correctional/Juvenile Justice Studies (2) the Master of Science degree in Criminal Justice and (3) the Master of Science degree in Loss Prevention and Safety.

MASTER OF SCIENCE Correctional/Juvenile Justice Studies

The Department of Correctional and Juvenile Justice Studies offers the Master of Science degree in Correctional/Juvenile Justice Studies. Graduates of the program are expected to demonstrate advanced-level critical and analytical thinking; to apply principles from multiple academic disciplines to problems in corrections and juvenile justice in an effort to formulate creative solutions; to respect, evaluate, and synthesize information from diverse sources; and to communicate effectively with both client and professional audiences. Further, graduates are required to show competency in the following areas: (1) the historical, theoretical, and legal foundations of the field; (2) the methods of gathering and analyzing information for research purposes; (3) knowledge of the major bases of literature; and (4) the ability to assume positions of responsibility and leadership in correctional and juvenile justice agencies.

Special Program Requirements

Admission — Applicants must (a) meet the requirements of the Graduate School; (b) hold a baccalaureate degree from an accredited institution; (c) have achieved an undergraduate grade point average (GPA) of 3.0 overall or in the last 60 hours of the baccalaureate program; (d) have a combined Graduate Record Examination (GRE) score of at least 1250 under the GRE scoring system in use until October 1, 2002 or a combined verbal and quantitative score of at least 800 and an analytical writing score of at least 3.0 under the scoring system in use after October 1, 2002; and (e) have three persons qualified to assess the applicant's potential for graduate work submit letters of recommendation directly to the Graduate Coordinator in the Department of Correctional and Juvenile Justice Studies (Stratton 105). Applicants who do not meet these GPA or GRE requirements, but who otherwise demonstrate promise for successful graduate study, may be granted probationary admission, but such applicants must comply with all requirements of the Graduate School regarding probationary admission.

Candidacy — Please refer to the General Academic Information section of this *Catalog* for complete information regarding candidacy.

Thesis — A six-hour thesis is optional in this program. If the thesis option is chosen, the topic must be approved by the student's thesis committee, and an oral defense is required.

Comprehensive Examination — Students who do not choose the thesis option must pass a comprehensive examination, with both written and oral components assessed by a comprehensive exam committee. Such students must also complete six additional hours of elective courses.

Graduate Portfolio — All students are required to develop a portfolio as part of their graduate studies. The portfolio is meant to enhance preparation of the thesis or comprehensive examination and to be of use in the student's career following graduation.

Program — A minimum of 30 semester hours of graduate credit is required.

M.S. Program* Correctional/Juvenile Justice Studies

CIP Code: 43.0102

Core Courses 16 hours
COR 801**, 808, 810, 818, 820 or 830, and 835 or 850.
Elective Courses 8 hours
Eight hours of COR or approved electives.
Thesis or Additional COR/Approved Electives 6 hours
Total Curriculum Requirements 30 hours

*No more than 6 hours total may be applied to a degree from COR 806, 839, and 897 (singularly or combined).

**Students must enroll in this course during the first semester it is offered after they register for graduate classes in this program.

MASTER OF SCIENCE Criminal Justice

CIP Code: 43.0103

Criminal justice is viewed as an academic discipline. Objectives of the graduate program are based upon the assumption that social policy, decision-making, and reform in modern society require a broad academic experience, innovative thinking, including theoretical foundations of the discipline, appropriate research methods, and principles applicable to the administration of justice.

A major focus is to demonstrate that problems of both a public and private nature associated with crime and delinquency must be viewed as social problems rather than isolated problems. It is therefore expected that graduates will be:

1. conversant with the theoretical and legal principles implicit in criminal justice;
2. knowledgeable of the essential research contributions in the discipline;
3. capable of research and data analysis appropriate to the discipline; and
4. competent to assume policymaking, research and instructional responsibilities in criminal justice.

Special Program Requirements*

Admission — Students seeking clear admission should hold a baccalaureate degree from an accredited institution of higher learning with a 3.0 grade point average overall or in the last 60 hours of undergraduate course work and a combined score of 1250 on the general section of the Graduate Record Examination. Under the GRE scoring system in use until October 1, 2002 or a combined verbal and quantitative score of at least 800 and an analytical writing score of at least 3.0 under the scoring system in use after October 1, 2002. Probationary admission may be granted to applicants not meeting these conditions but who present additional evidence for successful graduate study. All applicants must submit three letters of recommendation directly to the Criminal Justice Graduate Program Coordinator in the College of Justice and Safety. Students may be required to complete prerequisite course work. Introductory statistics and research methods are prerequisites for CRJ 808 and CRJ 888.

Admission to Candidacy — Refer to the General Academic section of this *Catalog* for complete degree completion requirements.

Program — A minimum of 36 semester hours of graduate credit is required. The following courses are required of all students: Advanced Criminal Justice Studies (CRJ 800), Analysis of Criminal Justice Data (CRJ 808) or Crime and Public Policy (CRJ 875), Theories of Criminology and Delinquency and Research Methods in Criminal Justice (CRJ 888).

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. Credit will not be awarded for both the 700 and 500 level of the same course.

Cross Listed Courses — Some courses are offered under different prefixes with the same course content. Students will not be awarded credit for any course for which they have previously received credit under a cross listed prefix.

CURRICULUM FOR THE GENERAL PROGRAM**

Core Courses 12 hours
 CRJ 800, 870, 888 and 808 or 875.
Eight Electives or Six Electives plus Thesis 24 hours
Total Requirements 36 hours

Thesis — A thesis is optional in this program.

Comprehensive Examination — Students in the non-thesis option are required to pass a written comprehensive examination. Students in the thesis option are required to pass an oral comprehensive examination in defense of the thesis.

*Student must also meet the general requirements of the Graduate School.

**Course work for CRJ 897 should be arranged and no more than 9 hours will be applied toward the degree.

**MASTER OF SCIENCE
 Loss Prevention and Safety**

CIP Code: 43.9999.01

The Department of Loss Prevention and Safety offers the Master of Science degree in Loss Prevention and Safety. The M.S. degree program is designed to provide students with a broad background in loss prevention and safety, plus the option for more in-depth knowledge of at least one area of loss prevention and safety through thesis research. The program is directed to preparing students for responsible careers in loss prevention and safety. Students are prepared to draw logically sound conclusions, to think creatively, to communicate effectively, and to appreciate the role and responsibilities of the loss prevention and safety administration/manager.

Loss Prevention and Safety

The objectives of the graduate Loss Prevention and Safety program are:

- (1) To provide a broad based program that affords the depth of education, the specialized skills, and the sense of creativity that will allow the graduate to practice in and contribute to the field of loss prevention and safety.
- (2) To provide an avenue for a highly mobile and marketable career to individuals wishing to pursue graduate education and remain in Kentucky and/or surrounding areas.
- (3) To add to the body of knowledge through scholarly activity, research, and advanced professional training.
- (4) To provide loss prevention and safety practitioners with leadership skills needed for the planning and delivery of loss prevention and safety services at the state, regional, and national levels.

Special Program Requirements*

Admission — Students seeking clear admission should hold a baccalaureate degree from an accredited institution of higher learning with a 3.0 grade point average overall or in the last 60 hours of undergraduate course work and a combined score of 1250 on the general section of the Graduate Record Examination. All applicants must submit three letters of recommendation directly to the Loss Prevention and Safety Graduate Program Coordinator in the College of Justice and Safety.

Justice and Safety

Applicants should have academic and/or experiential preparation and background in one of the areas of loss prevention to include: safety, security, fire, and risk management. When deficiencies are deemed to exist applicants will be required to satisfy all designated deficiencies prior to admission to candidacy.

Candidacy — In order to qualify for admission to candidacy for the M.S. degree program, the student must have: (1) achieved a clear admission to the degree program; (2) completed all deficiencies as designated; and, (3) achieved a minimum overall and program graduate grade point average of 3.0.

Thesis — The thesis is optional in this program. If the thesis option is chosen the research topic and area of focus must be agreed upon by the student and the student’s permanent committee. An oral examination in defense of the thesis is required.

Comprehensive Examination — Students in the non-thesis option are required to pass a comprehensive examination covering various components of the candidate’s program.

Distance Learning Option — The M.S. degree program offers classes each semester via distance learning. Please contact the Loss Prevention and Safety Graduate Program Coordinator for schedule and details.

LOSS PREVENTION AND SAFETY PROGRAM**

Course Requirements	18 hours
LPS 815, 822, 826, 833, 865, 880.	
Support Courses	12 hours
Twelve hours selected from the following:	
LPS 827, 828, 829, 839, 841, 845, 890, 897, INS 876, INS 878.	
Thesis or Electives	6 hours
LPS 898 or electives.	
Total Curriculum Requirements	36 hours

*Students must also meet the general requirements of the Graduate School.

**Only nine hours of LPS 839, 841, 897 will count toward the degree. In exceptional cases and with approval from the LPS Graduate Program Coordinator, up to 12 hours from these three courses may be applied toward the degree.

SECTION SIX

Course Descriptions

Course Prefixes

ACC	Accounting
ADM	Apparel Design and Merchandising
AGR	Agriculture
ANT	Anthropology
ART	Art
BIO	Biology
CAH	Arts and Sciences Interdisciplinary
CCT	Corporate Communication and Technology
CDF	Child and Family Studies
CHE	Chemistry
CIS	Computer Information Systems
CMS	Communication Studies
CNM	Arts and Sciences Interdisciplinary
COM	Communication
COR	Correctional and Juvenile Justice Studies
COU	Counseling
CRJ	Criminal Justice
CSC	Computer Science
CTE	Career and Technical Education
DES	Design
EAD	Educational Administration
ECO	Economics
EDF	Educational Foundations
EGC	Graduate Certification
EHE	Higher Education
EHS	Environmental Health Science
ELE	Elementary Education
EME	Elementary and Middle Grade
EMG	Middle Grade Education
EMS	Elementary, Middle Grade, and Secondary Education
ENG	English
EPY	Educational Psychology
ESE	Secondary Education
FCS	Family and Consumer Sciences
FIN	Finance
FRM	Family Resource Management
GBU	General Business
GEO	Geography
GLY	Geology
HEA	Health Education
HIS	History
INS	Insurance
INT	Industrial Technology
LAS	Paralegal
LIB	Library Science
LPS	Loss Prevention and Safety
MAR	Marine Sciences
MAT	Mathematics
MGT	Management
MKT	Marketing
MUS	Music
NFA	Nutrition, Foods, and Food Administration
NSC	Nursing
OHO	Ornamental Horticulture
OTS	Occupational Therapy
PHE	Physical Education
PHI	Philosophy
PHY	Physics
POL	Political Science
POR	Portuguese
PSY	Psychology
PUB	Public Relations
QMB	Quantitative Methods
REC	Recreation and Park Administration
RST	Real Estate
SED	Special Education
SOC	Sociology
SPA	Spanish
STA	Statistics
TEC	Technology, General
THE	Theatre Arts
TRS	Traffic Safety

Course Numbering

Courses are numbered according to the following plan:

700-899 are for graduate students only

Course Descriptions

The semester hours which may be earned by successful completion of a 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."

ACC—Accounting

Dr. Jessica Johnson Frazier, Chair

ACC 701 International Accounting and Combinations. (3) II. Prerequisite: ACC 302 with a grade of “C-.” Corporate combinations including consolidating balance sheets and income statements, and special problems with consolidations. International topics: standards, foreign exchange transactions and translation of financial statements of foreign subsidiaries.

ACC 721 Fund Accounting. (3) I.

Prerequisite: ACC 302 with a minimum grade of “C-.” Advanced study in accounting and fiscal procedures for institutions and for federal, state, county, and municipal governments.

ACC 723 Taxation of Corporations. (3) A.

Prerequisites: ACC 301 and 322 each with a grade of “C-.” Federal income tax report preparation with emphasis on partnership and corporate returns; estate and trusts; gift and estate taxes; special problems in preparation of tax returns.

ACC 725 Forensic Accounting. (3) A.

Prerequisites: ACC 301 and 322 each with a grade of “C-” or better. A study of investigative accounting procedures and techniques used in litigation support. Topics to be covered include financial reporting fraud, employee fraud, income reconstruction methods, testifying as an expert witness, evidence management, cybercrime, and business valuations.

ACC 727 Managerial Cost Accounting. (3) A.

Prerequisite: ACC 327 with a minimum grade of “C-.” Advanced problems in costs, budgets, distribution costs, measurements of departmental efficiency, and analysis of cost information for managerial decisions.

ACC 750 Accounting for Non-Profit Organizations. (3) II.

General theory of budget implementation and reporting as well as internal control of other significant areas for not-for-profit organizations.

ACC 820 Survey of Accounting. (3) I.

Designed for students who have completed a non-business degree and now wish to acquire a background in accounting and/or business.

ACC 850 Managerial Accounting. (3) II.

Prerequisite: ACC 201, ACC 202, or ACC 820 each with a minimum grade of “B-.” A study of accounting procedures, systems, and techniques to provide data for managerial decision making. Subjects include planning, cost control concepts, analysis of relevant cost, and limitations of data.

ACC 855 Advanced Auditing. (3) A.

Prerequisite: ACC 441 with a minimum grade of “C-.” Rules of professional conduct; auditing standards and case studies if AICPA; auditing rules and regulations of SEC; analysis of problem areas in reporting.

ACC 857 Research in Taxes. (3) A.

Prerequisite: ACC 322 with a minimum grade of “C-” and instructor approval. An intensive analysis of the Internal Revenue Code. Research and discussion of tax problems involving business and tax planning.

ACC 858 Accounting Theory. (3) A.

Prerequisite: strong accounting background. History and theory of accounting as discussed in accounting literature, periodicals, research bulletins, and publications of professional organizations.

ACC 860 Seminar in Accounting. (3) A.

Prerequisite: strong accounting background. This course involves directed readings and intensive investigations into controversial specific areas of accounting. Oral and written reports are required.

ACC 890 Special Problems in Accounting. (1-6) A. May be retaken under different subtopics to a cumulative maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

ADM—Apparel Design and Merchandising

Dr. Diane Leggett, Chair

ADM 717 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 taken to a maximum of six hours providing destinations differ. Students having received credit for the course at the 500 levels may take this course to a maximum of six hours, including the undergraduate credits. Those who have not received credit for this course at the undergraduate (500) level may take it to a maximum of six hours credit.

ADM 750 ADM Topics. _____. (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.

ADM 810 Socio-Psychological Factors of Apparel. (3) A.

Social, cultural, and psychological factors which influence personal satisfaction in selection and use of apparel.

ADM 819 Special Problems in ADM. (1-3) A.

Prerequisites: 3.0 GPA and instructor approval. The student selects a problem and works under the supervision of the instructor. May be retaken to a maximum of six hours providing topics vary. Students having received credit for the course at the 500 level may take this course to a maximum of six hours, including the undergraduate credits. Those who have not received credit for this course at the undergraduate (500) level may retake it 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.

AGR—Agriculture

Michael Judge, Interim Chair

AGR 701 Special Problems in Agriculture. (3) A.

A course for graduate students involving independent study and research related to problems of a theoretical and/or practical nature. May be retaken once to a maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

AGR 770 Advanced Technical Agriculture: _____. (3) A.

Advanced study of agriculture with emphasis on updating, understanding and developing competency in recent technology. May be retaken to a maximum of nine hours provided the topic varies.

AGR 777 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.

AGR 807 Advanced Technical Study in Agriculture Problems. (1-3) A.

Prerequisite: advisor/department chair approval. Independent work, workshop, special topics, research problems, or seminars. May be retaken to a maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

ANT—Anthropology

Dr. Steve Savage, Chair

ANT 790 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.

ART—Art

Edward C. Hale, Acting Chair

ART 760 Workshop in Art and Design: _____. (3) A.

Intensive study in a specific phase of the visual arts. Current processes, materials, and theoretical foundations will be considered. May be retaken with different topics to a maximum of nine hours.

ART 762 Seminar in Art Criticism. (3) I, II.

Prerequisite: ART 390, 391. Study of various topics and problems which relate to the student's understanding and critical awareness of the visual arts.

ART 794 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.

ART 795 Baroque and Rococo Art. (3) A.

Prerequisite: ART 391 or instructor approval. An in-depth study of selected aspects of art and architecture of church and state in Europe during the Age of Absolutism, from the late sixteenth century. The graduate student will be expected to prepare a scholarly paper.

ART 800* Drawing. (3) A.**ART 810* Painting. (3) A.****ART 820* Sculpture. (3) A.****ART 830* Printmaking. (3) A.****ART 840* Jewelry and Metals. (3) A.****ART 863 Problems in Art and Design. (1-3) A.**

Prerequisite: Approval of proposal by department. Continuation of study begun in regular departmental courses. May be retaken to a maximum of nine hours.

ART 870* Ceramics. (3) A.**ART 880* Photography. (3) A.**

*Courses in the series ART 800 through 840, and ART 870 and 880 share the prerequisite of “six hours of work in the specialization named or consent of the instructor.” Students may register for no more than nine hours of any specialization offered.

BIO—Biological Sciences

Dr. Barbara Ramey, Chair

BIO 710 Biostatistics. (3) I. Prerequisite: MAT 107 or approval. Statistical analysis of biological data. Students participate in the taking and processing of data by the use of well-established statistical techniques. 2Lec/2Lab-Disc.

BIO 711 Experimental Approaches in Molecular Biology. (3) I.

Laboratory experience-based course in molecular biology techniques. Subject will be introduced in a lecture setting and practical laboratory training. Techniques will include PCR-based methodologies, immunological approaches, and basic protein and nucleic acid manipulations. 1 Lec/4 Lab.

BIO 714 Evolution. (3) I.

Prerequisite: BIO 315 or instructor approval. Processes of organic evolution with emphasis on the theory of natural selection.

BIO 721 Plant Ecology. (3) A.

Prerequisites: BIO 131 and BIO 335 or instructor approval. Ecological concepts and principles relevant to plant populations and communities. Emphasis on flora and vegetation of eastern United States with field trip through the Southern Appalachians.

BIO 722 Grasses and Grasslands. (3) I.

Prerequisite: instructor approval. Development and composition of grasslands; phylogeny, classification, and identification of grasses. Emphasis on North American grasses and grasslands, with field trips to native and managed grasslands. 1 Lec/4 Lab.

BIO 725 Aquatic and Wetland Plants. (3)
A. Prerequisite: BIO 131. Collection, systematics, distribution, ecology, and reproduction of aquatic and wetland vascular plants. 1 Lec/4 Lab.

BIO 727 Immunology. (3) A.
Prerequisites: BIO 320, CHE 361 or instructor approval. Characteristics of immune reactions at the molecular level and *in vivo*. Nature and interactions of antigens and antibodies, and allergic phenomena. 2 Lec/3 Lab.

BIO 728 Virology. (3) A. Fundamentals of classification, structure, and pathogenesis of viruses. Host-virus interactions and their applications to medicine and industry. Related areas of immunology, cell culture procedures and applications will be introduced. 2 Lec/3 Lab.

BIO 729 Microbiology in Everyday Life. (3) A. Prerequisite: BIO 100, 102, 121 or departmental approval. Microbes in medicine, agriculture, and industry; emphasis on teaching microbiology in the classroom. Course open to Biology-Teaching or Education majors. 3 Lec/1 Lab.

BIO 730 Microbial Physiology and Genetics. (3) A. Prerequisites: BIO 315, 320, CHE 361 or instructor approval. A study of microbial genetics, metabolism, nutrition, and the effect of chemical and physical environments upon microorganisms in their habitats, with emphasis upon microbes of economic and industrial importance.

BIO 731 Principles of Molecular Biology. (4) A. Prerequisites: BIO 315, CHE 361 and 366 or instructor approval. An in-depth study of the structure, function, and biochemistry of nucleic acids and proteins. Laboratory experiences will involve the manipulation of DNA and protein molecules for the purpose of isolation, purification, and structure modification. 2 Lec/4 Lab.

BIO 732 Conservation Biology. (3) I. Prerequisite: BIO 316 or instructor approval. Examination of principles and practices of conserving global biological diversity. Causes, consequences and rates of extinction. Application of philosophical, biological, sociological, and legal principles to the conservation of genes, species and ecosystems.

BIO 736 Dendrology. (3) I. Prerequisite: BIO 131 or instructor approval. Woody plant taxonomy with emphasis on field identification of trees and shrubs in summer and winter conditions; habitats and distributions; economic importance; forest regions of North America. 1 Lec/4 Lab.

BIO 742 Freshwater Invertebrates. (3) A. Prerequisite: BIO 141 or instructor approval. Collection, systematics, distribution, behavior, ecology, and life histories of freshwater invertebrates. 2 Lec/3 Lab.

BIO 746 Histology. (4) II. Microscopic anatomy of normal vertebrate cells, tissues, and organs. 2 Lec/4 Lab.

BIO 747 Comparative Vertebrate Embryology. (4) II. Gametogenesis, fertilization, morphogenesis, and organogenesis of the frog, bird, and mammal. Particular emphasis is placed on mammalian development. 2 Lec/4 Lab.

BIO 750 Animal Behavior. (4) A. Advanced study of behavior with emphasis on inherited behavioral patterns in relation to the evolution and ecology of animals. 3 Lec/2 Lab.

BIO 753 Mammalogy. (3) A. Classification, natural history, field methods, and distribution of mammals. 1 Lec/4 Lab. BIO 316 or 342 recommended prior to enrollment.

BIO 754 Ornithology. (3) A. Avian biology with emphasis on field identification of local avifauna, anatomy, physiology, ecology, evolution, migration, economic importance, distribution, and behavioral patterns. Early morning field trips required. 2 Lec/4 Lab.

BIO 755 Behavioral Ecology. (3) A. Prerequisite: BIO 316 or instructor approval. How behavior is influenced by natural selection in relation to ecological conditions. Emphasis on quantitative

and experimental methods an on integrating theoretical ideas with field and laboratory experience.

BIO 756 Herpetology. (3) A. Prerequisite: BIO 141 or instructor approval. Natural history of the amphibians and reptiles including taxonomy, general ecology, behavior, distribution, breeding, and foot habits. 2 Lec/3 Lab.

BIO 757 Ichthyology. (3) A. Prerequisite: BIO 141. A phylogenetic examination of morphological, ecological, and behavioral diversifications of fishes in the world, with special attention to the Appalachian fauna. Laboratory devoted to anatomy, identification, and reproductive strategies. 2 Lec/4 Lab.

BIO 758 Freshwater Ecology. (3) A. Prerequisite: BIO 316 or instructor approval. Ecology of lakes, streams with reference to physical, chemical, and biological factors. To include a variety of methods and instruments. 2 Lec/3 Lab-Disc.

BIO 761 Fish Biology and Management. (3) A. Methods for assessment and analysis of fish populations and aquatic habitats, including age and growth, fecundity, food habits, and yield. Emphasis on economic and ecological importance of management decisions. Optional weekend field trips. 2 Lec/4 Lab.

BIO 784 Upland Wildlife Management. (4) A. Ecological principles and management strategies to preserve and enhance forest and grassland wildlife and their habitats.

BIO 785 Wildlife Resource Policy and Administration. (3) A. Discussion of state, regional, national, and international policies and agencies which impact management of wildlife resources; with emphasis in North America. BIO 381 recommended prior to enrollment.

BIO 786 Wetland Wildlife Management. (4) II. Ecology and management of migratory and resident wetland wildlife populations and their habitats, with a focus on waterfowl. BIO 316 and 381 recommended prior to enrollment. 2 Lec/4 Lab.

BIO 787 Urban Wildlife Management. (3) A. The strategies employed to manage urban wildlife and prevent/control animal damage in North America will be discussed.

BIO 798 Special Problems. (1-3) I, II. Prerequisite: students must have the independent study proposal form approved by the faculty supervisor and department chair prior to enrollment. Independent research in the biological sciences, under the guidance of a faculty member, which allows students to design a research problem and make experimental observations and conclusions. May be retaken to a maximum of four hours.

BIO 799 Topics in Biological Sciences. (1-6) A. Prerequisite: instructor approval. Special topics in the biological sciences of current interest to faculty and students will be presented through lecture, discussion, and report. May be retaken to a maximum of six hours.

BIO 801 Scientific Literature and Writing in Biology. (2) I. Directed readings in biology designed to acquaint the student with the major sources of literature, the delimitation of problems, note taking, the making of bibliographies, and the writing of scientific articles.

BIO 802 Selected Topic in Biological Sciences. (1-4) A. Advanced study of modern biological principles and the solution of interacting problems. The course content will be designed to meet the needs of students in specialized areas of biology. May be retaken to a maximum of eight hours.

BIO 803 Big Game Ecology. (3) A. Prerequisites: BIO 316, BIO 381 or instructor approval. Biology and ecology of the major big game species found in North America with emphasis on current management practices and problems.

BIO 806 Aquatic Entomology. (3) A. Prerequisite: BIO 341 or 355 or instructor approval. To develop an understanding of, and an appreciation for, aquatic insects. Techniques on collecting as well as the biology, ecology, and systematics of each of the aquatic insect orders will be considered. 2 Lec/3 Lab.

BIO 816 Biogeography. (3) A. Physical and biotic factors influencing the evolution, diversity and distribution of Earth's biota; cogeographic principles, patterns and theories related to the diversity and distributions of organisms.

BIO 831 Molecular Regulation. (3) A. Discussion and experimental manipulation of transcriptional/translational regulation in eukaryotes/prokaryotes with reliance on the current literature as reference. Coverage of regulatory mechanisms and experimental approaches. 2 Lec/2 Lab.

BIO 835 Pathogenic Microbiology. (4) A. Prerequisite: BIO 320 or instructor approval. Studies in the field of advanced clinical microbiology with emphasis on morphology, cultivation, biochemistry, and serological identification of bacterial diseases; aspects of pathogenesis, epidemiology, and control measures of bacterial and mycotic diseases. 2 Lec/4 Lab.

BIO 839 Applied Learning in Biology. (3-6) A. Prerequisite: departmental approval. Work under faculty and field supervisors in a cooperative job experience related to student's academic studies. Credit varies with hours of employment; three to six hours per semester or summer. May be retaken at the discretion of the department or college involved. A minimum of eighty hours of work is required for each academic credit. Credit does not apply toward the M.S. degree requirements.

BIO 839 A-C Cooperative Study: Biology. (3-6) A. Prerequisite: departmental approval. Work under faculty and field supervisors in a cooperative job experience related to student's academic studies. Credit varies with hours of employment; three to six hours per semester or summer. May be retaken at the discretion of the department or college involved. A minimum of eighty hours of work is required for each academic credit. Credit does not apply toward the M.S. degree requirements.

BIO 845 Vertebrate Physiological Ecology. (3) A. Comparative study of physiological mechanisms of vertebrates in response to changing environmental conditions. Topics emphasized include temperature adaptation, color change, orientation, and biological rhythms. 2 Lec/3 Lab.

BIO 846 Population Ecology. (3) A. Theoretical and applied study of size and organization of animal and plant populations and the physical and biological factors affecting spatial and temporal patterns.

BIO 848 Aquatic Ecosystems. (3) A. Prerequisite: BIO 558 or 758 or instructor approval. Modern methods for analysis of biological integrity of aquatic ecosystems. To include fieldwork involving various methods, and the calculation and discussion of currently used metrics. 2 Lec/3 Lab.

BIO 849 Field Methods in Ecology. (3) A. Field sampling techniques and methods of observation applicable to describing terrestrial plant and animal communities. Field data utilized to develop an environmental impact statement. 6 Lab/Disc.

BIO 850 Dynamics of Ecosystems. (2) A. Energy flow, nutrient cycling, and interrelationships among organisms and environments in terrestrial ecosystems; consultation with faculty committee. Required of graduate students in non-thesis option; cannot be used in thesis option.

BIO 881 Independent Study. (1-3) I, II. Prerequisite: approval of independent study proposal form by faculty supervisor and department chair prior to enrollment. Advanced research in the biological sciences under the guidance of a faculty member, which allows students to design a research problem and make experimental observations and conclusions. May be retaken to a maximum of four semester hours. Credit will not be given to students enrolled in the M.S. Biology thesis program.

BIO 890 Graduate Seminar. (1) A. Prerequisite: BIO 801. Presentation and discussion of selected topics and research in the biological sciences. Required of all graduate students and may be retaken to a maximum of two hours.

BIO 891 Thesis Research. (1-6) A. The accomplishment of an independent research project, in consultation with a faculty advisor, for the preparation of a thesis as part of the requirements for the M.S. degree in Biology. May be retaken to a maximum of six hours.

BIO 891C Continuation of Thesis Research. (1-9) A. Prerequisite: departmental approval. The continuation of an independent research project, in consultation with a faculty advisor, for the preparation of a thesis as part of the requirements for the M.S. degree in Biology. May be retaken as necessary to complete research thesis. A student must have registered for six hours of BIO 891 before registering for BIO 891C. May not be used to satisfy degree program requirements.

**CAH—Arts and Sciences Interdisciplinary
Dr. Andrew Schoolmaster III, Dean**

CAH 715 Topics in Humanities _____.
(1-3) A. An experimental course designed to investigate relevant topics in Arts and Humanities.

CAH 900 Independent Work. (106) A.
Independent research and/or field work.

**CCT—Corporate Communication and Technology
Dr. Norb Elbert, Chair**

CCT 720 Corporate Training. (3) A.
Formerly ACS 720. This course applies theories of learning and instructional development to office systems, employee education, and skills training. Topics include instructional design; strategy; technology; and the implementation, evaluation, and management of training in organizational environment.

CCT 750 Managerial Communication Seminar. (3) A. Formerly ACS 750. Prerequisite: senior or graduate standing. Course that applies business competencies and emphasizes analysis, application, and integration of communication processes, methods, media, and strategies, managerial decision making.

CCT 760 Office Management. (3) I, II.
Formerly ACS 760. 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 job analysis.

CCT 770 Web Design for Offices. (3) A.
Formerly ACS 770. Prerequisite: CCT 250 or CIS 212 or CSC 104. Advanced development of business document design techniques with an emphasis on web design and multi-media resources. Geared for education, small offices or businesses, personal use, and not-for-profit organizations.

CCT 780 Office Technology Seminar. (3) A.
Formerly ACS 780. Prerequisites: CIS 250 or CSC 104 or CIS 212, and CCT 300 or CCT 201, ninety hours completed. This capstone course requires synthesis and applications of concepts related to current office systems topics.

CCT 850 Business Research and Communications. (3) A. Formerly ACS 850. Business research design and methodology, report writing, oral reports, leading conferences and meetings, management of information in organizations.

CCT 880 Independent Study in Corporate Communication and Technology. (1-4) A. Formerly ACS 880. May be retaken under different subtopics to a cumulative maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**CDF—Child and Family Studies
Dr. Diane Leggett, Chair**

CDF 738 Seminar in Family Life: _____. (3) I. Prerequisites: CDF 241, 244, and six hours in CDF, or instructor approval. Students will concentrate their interests in an intensive study of specific areas of the family and interpersonal relationships. May be retaken to a maximum of six hours provided topics vary. Students having received credit for the course at the 500 level may take this course to a maximum of six hours, including the undergraduate credits. Those who have not received credit for this course at the undergraduate (500) level may retake it to a maximum of six hours credit.

CDF 741 Infant-Toddler Development and Group Care. (3) A. Growth and development from conception to three years. Emphasis on family intervention, appropriate policies and practices for group care, assessment, disabilities, multicultural and gender issues, and caregiver professional growth.

CDF 744 Early Childhood Development and Program Planning. (3) A. Theory pertinent to early childhood development and learning including constructiveness, socially mediated intelligence, multiple intelligence and creativity. Emphasis on emergent curriculum and teaching strategies reflecting social collaboration such as webbing, project work, and multimedia documentation.

CDF 746 Building School, Family, and Community Partnerships. (3) A. Prerequisite: CDF 541/741 or 544/744. Study of methods for building partnerships among early childhood school personnel, family members, and the community with the growth and development of the child as a focus. Reflects contemporary lifestyles, culture, and current societal issues.

CDF 747 Organization and Administration of Early Childhood Programs. (3) II. Prerequisites: CDF 248 and 345 or instructor approval. Review of the theories influencing the definition of goals, philosophies and rationales for establishment of early childhood programs (birth-5), study of procedures for organizing early childhood programs, and discussion of the management processes for administering quality early childhood programs.

CDF 748 Seminar in Child Development: _____. (3) I. Prerequisites: CDF 241, 244, and six hours in CDF or instructor approval. Current concepts and trends in child development, recent research and literature. May be retaken to a maximum of six hours provided topics vary. Students having received credit for the course at the 500 level may take this course to a maximum of six hours, including the undergraduate credits. Those who have not received credit for this course at the undergraduate (500) level may retake it to a maximum of six hours credit.

CDF 750 Child and Family Studies Topics: _____. (1-3) A. Workshops on selected topics in child and family studies. May be retaken to a maximum of six hours provided topics vary. Students having received credit for the course at the 500 level may take this course to a maximum of six hours, including the undergraduate credits. Those who have not received credit for this course at the undergraduate (500) level may retake it to a maximum of six hours credit.

CDF 831 Relationships in Marriage and Family. (3) A. Prerequisite: instructor approval. The attitudes and behaviors of husband and wife as related to psychological and physiological responses within the family.

CDF 849 Special Problems in Child Development. (1-3) A. Prerequisite: CDF 548 or 748 or instructor approval. The student chooses a problem and works under the supervision of the instructor. May be taken to a maximum of six hours provided topics vary. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**CHE—Chemistry
Dr. Alan Schick, Acting Chair**

CHE 701 Chemtopics: _____. (1-3) A. Prerequisite: instructor approval. Topics to be chosen from a current and/or specialized area of chemistry such as environmental chemistry or industrial chemistry, and will vary according to students' needs. May be retaken to a maximum of six hours.

CHE 715 Analysis and Characterization. (4) II. Prerequisites: CHE 362, 367, 471 and 550, or instructor 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.

CHE 725 Instrumental Methods. (4) A. Prerequisites: CHE 325, 362, 367. Methods of spectroscopic analysis; electrochemical methods; chromatographic methods. Emphasis placed on broad, functional approach to instrumental techniques. 2 Lec/6 Lab.

CHE 730 Biochemistry of Macromolecules. (3) A. Prerequisites: CHE 362 and 367. Prerequisite or Corequisite: CHE 470 or 471; or departmental approval. Structure, analysis, and organization of proteins, nucleic acids, and lipids; physical and organic mechanisms of enzyme action; chemistry of membrane action and the immune system.

CHE 731 Metabolic Chemistry. (3) A. Prerequisites: CHE 362 and 367. Prerequisite or Corequisite: CHE 470 or 471; or instructor approval. Chemistry, catabolism, and biosynthesis of carbohydrates, lipids, amino acids, and nucleotides; analysis of nucleic acids, and structure, function, and control of cellular genetic apparatus.

CHE 732 Biochemistry Laboratory. (1) I. Prerequisite or Corequisite: CHE 730 or 731; or departmental approval. Experimental techniques characteristics of biochemical research. Purification and characterization of proteins and nucleic acids; use of computers in modeling biochemistry data. 3 Lab.

CHE 750 Inorganic Chemistry. (3) I. Prerequisite: CHE 362. Modern concepts of atomic nuclei, atomic structure, and classification of elements. Complex ions and coordination compounds. Theories of bonding.

CHE 760 Mechanistic Chemistry. (3) A. Prerequisites: CHE 362 and 367, and CHE 407 or 471. Survey of new reactions and comprehensive study of reaction mechanisms.

CHE 772 Advanced Physical Chemistry. (3) A. Prerequisite: CHE 472 (MAT 353 recommended) or instructor approval. Intermediate and advanced topics in thermodynamics, kinetics, structure and bonding.

CHE 785 Principles of High Polymers. (3) A. Prerequisites: CHE 362 and 367. Preparation and characterization of high polymers; monomers, condensation and addition polymerization; radical, anionic, and cationic initiation. Emphasis on microstructure of the polymer chain and its effect on macromolecular physical properties. 2 Lec/3 Lab.

Selected Topics in Chemistry. (1-3) A. Prerequisite: instructor approval. Topics chosen from advanced areas of interest and vary according to needs. May be retaken for credit when new topics offered.

CHE 802 Selected Topics in Analytical Chemistry. (1-3) A.

CHE 803 Selected Topics in Biochemistry. (1-3) A.

CHE 805 Selected Topics in Inorganic Chemistry. (1-3) A.

CHE 806 Selected Topics in Organic Chemistry. (1-3) A.

CHE 807 Selected Topics in Physical Chemistry. (1-3) A.

CHE 822 Advanced Analytical Chemistry. (3) A. Prerequisite: CHE 525/725 or instructor approval. Modern practices in chemical analysis. Sampling, sample preparation, spectroscopic and chromatographic methods.

CHE 839 Applied Learning in Chemistry. (3-6) A. Prerequisite: departmental approval. Work under faculty and field supervisors in cooperative placement. Three to six hours per semester or summer. May be retaken at discretion of department or college. Eighty hours work for each credit. Maximum of two credit hours may apply to M.S. degree in Chemistry.

CHE 839 A-C Cooperative Study: Chemistry. (3-6) A. Prerequisite: departmental approval. Work under faculty and field supervisors in cooperative placement. Three to six hours per semester or summer. May be retaken at discretion of department or college. Eighty hours work for each credit. Maximum of two credit hours may apply to M.S. degree in Chemistry.

CHE 845 Chemical Laboratory and Demonstration Techniques. (1-4) A. Prerequisite: six semesters of undergraduate work in chemistry or instructor approval. Techniques of constructing and demonstrating apparatus to illustrate principles of chemistry. Primarily for high school and community college science teachers. 3-12 Lab.

CHE 850 Advanced Inorganic Chemistry. (3) A. Prerequisite: CHE 550/750. Molecular symmetry in inorganic chemistry, mechanisms of inorganic reactions, and catalysis by coordination and organometallic complexes.

CHE 880 Graduate Seminar. (1) II. Presentation of significant developments in chemistry to members of the chemistry faculty and department majors. May be retaken to a maximum of two hours.

CHE 890 Graduate Literature and Project Planning. (1) A. Extensive survey of literature related to a specific research program and planning of that program through consultation with a selected research advisor.

CHE 892 Graduate Project. (3) A. Research of chemical literature and preparation of a detailed written report on a current topic in chemistry. The topic of the paper shall be pre-approved by the student's committee.

CHE 895 Graduate Research. (1-6) A. Laboratory research in one of the major areas of chemistry for application to a thesis. May be retaken to a maximum of six hours.

CHE 895C Continuation of Graduate Research. (1-9) A. Prerequisite: departmental approval. The continuation of research in one of the major areas of chemistry. May be retaken as necessary to complete research. A student must have registered (or be currently registered) for six hours of CHE 895 before registering for CHE 895C. May not be used to satisfy degree program requirements.

CIS—Computer Information Systems
Dr. Jessica Johnson Frazier, Chair

CIS 826 Information Systems Applications. (3) A. Computer literacy, management information systems, and computer applications in business using word processing, spreadsheets, presentation and database software tools. Tools are demonstrated using problems in accounting, finance, marketing, management, and production.

CIS 850 Information Systems. (3) II. Prerequisite: CIS 300 or CIS 826 or equivalent each with a minimum grade of "B-." Information technology (IT) and information resource management issues and trends from user-manager perspective; impact of IT on managers, organizations, competition, and society; manager's role in developing, acquiring and managing information resources.

CIS 860 Contemporary Topics in Information Technology. (3) A. Prerequisite: CIS 850. Topics include some of the following: office automation, telecommunications, decision support systems, knowledge-based systems, executive

information systems and executive support systems. May be retaken to a maximum of six hours if topics are different.

CIS 861 Trends in E-Commerce. (3) A. Introduces students to the theory and practice of doing business over the Internet and World Wide Web. Covers the technologies of electronic commerce software, security, payment systems, business strategies, electronic data exchange, supply chain management, virtual communities, and web portals. Other topics to discuss are: international, legal, ethics and tax issues.

CIS 870 Strategic Information Systems. (3) A. Prerequisite: CIS 850. Strategic information systems (SIS) and technology methods, applications, issues and trends to gain competitive advantage; multinational, social, legal and governmental implications of SIS. Case and project orientation.

CIS 890 Independent Study in Computer Information Systems. (1-4) A. Prerequisite: advisor/departmental approval. May be retaken under different subtopics to a cumulative maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

CMS—Communication Studies
Dr. Maureen Everett, Chair

CMS 805 Independent Studies in Communication Studies. (1-3) A. Formerly SPE 805. Individual research and reading on a specific speech communication subject. Regular consultation and final paper required. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

CNM—Arts and Sciences Interdisciplinary
Dr. Andrew Schoolmaster III, Dean

CNM 799 Ecology for Teachers. (3) A. Prerequisite: BIO 102 or CHE 100 or GLY 102 or PHY 102 or departmental approval. Introduces pre-service teachers to ecology and the environment through an interdisciplinary approach beginning with the physical environment, progressing to whole ecosystems, and onto analyses of environmental issues. Classroom teaching strategies will be modeled.

COM—Mass Communications
Dr. Maureen Everett, Chair

COM 750 Readings in Mass Communications. (3) A. Prerequisites: instructor approval and ninety or more hours. Critical reading of selected books and magazines relating directly or indirectly to mass communications. Features reviews and seminar discussions of readings chosen to reflect student's individual interests.

COR—Correctional/Juvenile Justice Studies
Dr. Kevin Minor, Chair

COR 801 Developing a Portfolio and Thesis/Comp. (1) A. This course is designed to assist students in preparing for a thesis/comp and in developing a portfolio. Students examine their options, make preliminary selection of an option, and complete initial phases of this process.

COR 806 Advanced Workshop. (1-6) A. Prerequisite: departmental approval. Students gain exposure to advanced level professional development activities related to adult corrections and/or juvenile justice. This course may be retaken to a maximum of six hours on different topics.

COR 808 Analysis of Correctional and Juvenile Justice Data. (3) A. Cross listed as CRJ 808. Prerequisites: undergraduate research methods and undergraduate statistics or departmental approval. This course examines techniques for analyzing data in

corrections and juvenile justice. Emphasis is placed on analysis and interpretation of data using univariate, bivariate, and multivariate techniques.

COR 810 Understanding Crime, Delinquency, and Correctional Programs. (3) A. This course presents and critiques explanations of crime and delinquency from a multi-disciplinary perspective and examines their use in adult and juvenile correctional programs.

COR 818 Research in Corrections and Juvenile Justice. (3) A. This course will examine strategies and issues relevant to the collection and analysis of corrections and juvenile justice data. Special attention will be devoted to survey methods and program development and evaluation.

COR 820 Juvenile Justice. (3) A. This course presents a critical analysis of juvenile justice operations with particular emphasis placed on history and the role and effectiveness of police, court, and correctional responses to juvenile offenders.

COR 823 Topical Seminar in Corrections/ Juvenile Justice. (1-3) A. This is a variable topic seminar meant to provide in-depth, critical analyses of contemporary issues in adult corrections or juvenile justice. The course may be retaken to a maximum of nine hours on different topics.

COR 830 Corrections and Society. (3) A. This course analyzes the theoretical foundation of corrections in the context of society and applies that analysis to correctional policy and practice.

COR 833 Justice and Safety Staff Training and Professional Development. (3) A. Key concepts and basic issues related to active staff training and human resource development in criminal justice, social/human services and juvenile justice settings. Emphasis on planning, implementation and evaluation of in-service workshops. Competency based curriculum development and conference planning and management.

COR 835 Administration of Corrections and Juvenile Justice. (3) A. An examination of theoretical bases and contemporary approaches to correctional administration; focus on organization, personnel management and policy foundation; study of social and political setting of correctional administration.

COR 839 Applied Learning in Corrections and Juvenile Justice. (1-6) A. Prerequisites: departmental approval and graduate GPA of at least 3.0. Students work in an agency in corrections, juvenile justice, or related area. Accompanying classroom and coursework components are designed to promote integration of work and academic experiences. A minimum of 80 hours work is required for each hour of academic credit.

COR 839 A-C Cooperative Study: Corrections and Juvenile Justice. (1-6) A. Prerequisites: departmental approval and graduate GPA of at least 3.0. Students work in an agency in corrections, juvenile justice, or related area. Accompanying classroom and coursework components are designed to promote integration of work and academic experiences. A minimum of 80 hours work is required for each hour of academic credit.

COR 843 Training Curriculum Design and Development in Justice and Safety. (3) A. This course emphasizes conversion of instructional theory into practice in the development of lesson plans and the interplay between training and administration. The course models promising practices through simulation of a curriculum design and development team.

COR 850 Correctional and Juvenile Justice Interventions. (3) A. This course provides critical analyses of research and theories guiding effective rehabilitation programs in corrections and juvenile justice. It examines how various factors contribute to criminal behavior and how assessment procedures can improve programs.

COR 856 Law and Ethics in Corrections and Juvenile Justice. (3) A. This course provides advanced analyses of statutory and case law governing adult corrections and juvenile justice in a constitutional, ethical, and moral framework. It explores historical, philosophical, and socio-legal underpinnings of this subject.

COR 875 Evaluation Research in Corrections and Juvenile Justice. (3) A. This course presents an advanced analysis of evaluation research relevant to corrections and juvenile justice programs. The focus is on evaluation planning, design, data analysis, and application of findings to policy and practice.

COR 897 Independent Study. (1-6) A. Students engage in self-directed learning at the university or in a field setting under graduate faculty supervision. Students must have the independent study proposal form approved by faculty supervisor and the graduate director before enrolling.

COR 898 Thesis. (1-6) A. Students develop a thesis under faculty direction. While various combinations of hours per semester are possible, students selecting a thesis option must complete six hours total. Students must confer with the thesis advisor before enrolling.

**COU—Counseling
TBD, Chair**

COU 802 Counseling Psychology. (3) A. Examination of counseling methods and concepts with emphasis on current systems of counseling.

COU 803 Principles and Practices of Mental Health Counseling. (3) I. Prerequisites: COU 813, 840, or instructor approval. Assumptions, roles, programs, and dynamics of mental health counseling are addressed; emphasis is placed on the development and management of mental health services and programs including needs assessments, practices of community intervention, and evaluation.

COU 804 Counseling Diverse Population. (3) I, II. Prerequisites: COU 813, 840, 846. An examination of the application of counseling methods and concepts to non-majority groups. The lifestyle, values, customs and attitudes of non-majority population will be explored.

COU 807 Counseling. _____. (1-3) A. Prerequisite: advisor/departmental chair approval. Workshops, special topics, or seminars. May be retaken under different subtitles.

COU 813 Professional Orientation and Ethics in Counseling. (3) I, II. Prerequisite: admission to the program. An introduction and orientation to the counseling profession. This course will explore the professional roles, organization, training, and credentialing standards of the profession. It will also survey the ethical, legal and professional issues facing counselors.

COU 814 Organization and Administrative Guidance Services. (3) I. Prerequisites: COU 813, 840, 846. Consideration of theory, organization, and personnel practices involved in organizing and administering guidance and counseling programs in the schools.

COU 820 Group Counseling. (3) I, II. Prerequisites: COU 813, 840, 846. Theory and experiences to develop skill in and understanding of group dynamics and effective group behavior.

COU 822 Lifestyle and Career Counseling. (3) I, II. Prerequisites: COU 813, 840, 846, EPY 816. Occupational information in educational and vocational planning; theories of vocational choice; sociology of occupations, and interpretation and utilization of current data pertaining to career fields.

COU 825 Developmental Guidance K-12. (3) A, II. Prerequisites: COU 813, 840, 846. Student will learn how to design and implement a systematic K-12 developmental guidance program based on collaboration, consultation, and prevention as well as develop creative and play therapy approaches to working with children and adolescents.

COU 826 Assessment in Counseling. (3) I. Prerequisites: EPY 816, 839, and COU 855. Consideration of the major theories of assessment. Training in the administration, scoring, and interpretation of selected tests of intelligence and other counseling assessment tools.

COU 827 Individual Assessment of Intelligence. (3) I. Prerequisite: COU 826. Supervised practice in the administration, scoring, and interpretation of the Wechsler Intelligence Scale for Children, Wechsler Adult Intelligence Scale, and the Wechsler Preschool and Primary Scale of Intelligence.

COU 840 Counseling Theory and Practice. (3) I, II. Prerequisite/Corequisite: COU 813. Major theories of counseling. Attention is given to personality structure and individual behavior from which these are derived.

COU 844 Student Personnel Services in Higher Education. (3) I. Prerequisite/Corequisite: COU 813. Study of student personnel services; emphasis upon relationship of these services to the total college program, research, and organization.

COU 845 Internship in Student Personnel Services. (3) II. Prerequisite: EPC 844. Supervised experience for student personnel trainees. Opportunity provided to share responsibilities for all phases of student personnel services. May be retaken to a maximum of six hours.

COU 846 Process and Basic Techniques of Counseling. (3) I, II. Prerequisites/Corequisites: COU 813, 840. Includes a consideration of different schools of thought in current counseling practice; how the counselor works; and effective procedures for counseling.

COU 847 Crisis and Abuse Counseling. (3) A. Prerequisites: COU 813, 840, 846. This is an advanced counseling techniques class focusing on the process and skills in crisis and abuse counseling, as well as legal, ethical, and advocacy issues.

COU 848 Child and Adolescent Counseling. (3) A. Prerequisites: COU 813, 840, 846. This is an advanced counseling techniques class focusing on specific skills and processes for children and adolescents.

COU 850 Family Counseling. (3) A. Prerequisites: COU 813, 840, 846. The history, terms, ethics, principles, and major models of family counseling concepts, techniques and procedures will also be examined, with primary focus on the systems approach.

COU 855 Diagnosis and Treatment in Counseling. (3) A. Prerequisites: COU 813, 840, 846. This course addresses diagnoses and treatment planning in counseling as well as prevention of mental and emotional disorders and dysfunctional behavior. Credit will not be awarded to students who have credit for PSY 841.

COU 856 Practicum in Intellectual Assessment. (3) A, II. Prerequisites: COU 826, 827. Advanced laboratory practice in giving tests and interpreting results. Attention given to intelligence tests, measurements of special aptitudes, inventories for self-appraisal, and measure of personality.

COU 880 Counseling Practicum. (3) I, II. Prerequisite: clinical coordinator approval. This course provides students the opportunity to practice skills developed in their program. Students will be supervised by an experienced counselor in a setting appropriate for their program.

COU 881 Internship in Counseling. (3-9) A, I, II. Practice in a counseling setting which allows for the transition from student to professional. School counselors will complete a 600 hour internship, and mental health counselors will complete a 900 hour internship.

COU 891 Issues and Trends in Counseling. (3) A. Critical examination of current issues and development trends in counseling research.

**CRJ—Criminal Justice
Dr. Carole Garrison, Chair**

CRJ 740 Special Problems in Criminal Law. (3) A. Advanced study of criminal law and criminal procedure. Consideration of problems relating to the police role in the administration of criminal justice and judicial enforcement of limitations upon police practices.

CRJ 800 Advanced Criminal Justice Studies. (3) A. Analysis of individual elements of the criminal justice process, including police, courts, corrections, and juvenile justice. Analysis of interactions among these elements. Includes theoretical perspectives on criminal justice and examination of empirical research. Application of planning and other administrative processes to criminal justice.

CRJ 808 Analysis of Criminal Justice Data. (3) A. Cross listed as COR 808. Prerequisites: undergraduate research methods and undergraduate statistics. Examination of quantitative and qualitative techniques for analyzing criminal justice data. Computer analysis and interpretation of criminal justice data using various univariate, bivariate, and multivariate techniques. Qualitative techniques of data analysis, hypothesis development, and theory construction.

CRJ 810 Advanced Police Administration. (3) A. An examination of the functions of the police in the criminal justice system; concepts and principles of police organizational structure; concepts and principles of administration and management with an emphasis on the environment, change, conflict, strategy and evolution.

CRJ 812 Police Human Resource Development. (3) A. An examination of human resource management in policing. Case law and technical aspects of police recruitment, selection, and promotion are examined. Career development, compensation management, job analysis, performance appraisal and productivity measurement are analyzed.

CRJ 813 Analysis of Police Operations. (3) A. An analysis of the strategies and programs utilized in modern police work. Previous research studies and contemporary methods for assessing the effectiveness of police practices are examined.

CRJ 814 Police and Society. (3) A. Theoretical, historical and comparative perspectives on policing. Critical analysis of the function of police in modern society. Examination of various forms of police behavior, including police deviance.

CRJ 840 Punishment and Society. (3) I. Beginning with the enlightenment and classical philosophers (e.g. Montesquieu, Voltaire, Bentham) up through modern contributors to penology (e.g. Foucault, Garland), students will examine the foundations and philosophies that formed our views of punishment and social control and the impact of modern society.

CRJ 846 Legal Issues in Criminal Justice Administration. (3) A. Legal research methodology; examination of employment problems including labor-management relations and discrimination; administrative agencies; civil liability, including vicarious liability and related issues.

CRJ 870 Theories of Criminology and Delinquency. (3) A. Review of classical and current theories of criminology and delinquency and the underlying assumptions of each. Particular attention given to the interaction between ecological factors and the criminal justice system.

CRJ 871 Crime, Criminals, and Victims. (3) A. In-depth coverage of fundamentally important topics in contemporary criminal justice and criminology that explain relationships between crime trends and patterns, criminals and their decision-making processes including target selection, victims, and their lifestyles/situations.

CRJ 872 The Community Context of Crime. (3) A. Course examines crime and synthesizes the growing body of theory and research examining community level effects on crime/crime control. Through synthesis and careful analysis students are encouraged to develop innovative approaches to crime problems.

CRJ 873 Social Construction of Crime and Crime Control. (3) A. In-depth examination of the social construction of crime including consideration of the process by which crime problems are generated. The role that the media, public officials, and social activists play is also examined.

CRJ 874 Crime and Popular Culture. (3) A. Review of the interrelatedness of consumption, production, crime and popular culture. Examination of the social and symbolic construction of crime will be included by analysis of film, literature, music, and academic literature.

CRJ 875 Crime and Public Policy. (3) A. Review of the policy making process in the criminal justice system. Examination of competing crime control policies and trends.

CRJ 876 Organizational Crime. (3) A. This course explores empirical research, theories, and concepts related to crime committed within organizational contexts. Particular attention is paid to forms of syndicated crime, corporate crime, governmental corruption, and state crime.

CRJ 888 Research Methods in Criminal Justice. (3) A. Prerequisites: undergraduate research methods and undergraduate statistics. Empirical and scientific perspectives in criminal justice. Current research methods as they relate to criminal justice. Application and interpretation of data from research problems. Evaluation of research designs and their implementation in criminal justice.

CRJ 889 Qualitative Research Methods. (3) A. This is a survey course in research strategies characterized as qualitative in their epistemological presuppositions. The seminar course is designed to familiarize students with the varieties of qualitative research methods central to the social sciences.

CRJ 890 Topical Seminar in Criminal Justice. (1-3) A. May be retaken to a maximum of nine hours on different topics.

CRJ 895 Research Practicum. (1-6) A. Prerequisites: candidacy, CRJ 808 and 888. Participation in the research practicum will provide students with a range of opportunities relevant to conducting criminal justice research, either individually or in a group, under the direct supervision of a graduate faculty member. In particular, the practicum will support students in learning to pose significant questions grounded in existing theory and inquiry, select and use methods appropriate to the question and research context, gather appropriate evidence, subject the evidence to analysis, respond to critiques and provide advice and comments for other's research, organize oral and written presentations in response to fair and open critiques.

CRJ 897 Independent Study in Criminal Justice. (1-6) A. Individual investigations in the field of criminal justice. Investigations may be conducted in the field and under the supervision of the research advisor and other staff member. Student must have the independent study proposal form approved by faculty supervisor and the criminal justice graduate program coordinator in the College of Justice and Safety prior to enrollment.

CRJ 898 Thesis I. (3) A.

CRJ 899 Thesis II. (3) A.

CSC—Computer Science
Dr. Jaleh Rezaie, Chair

CSC 707 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. Credit towards degree requirements will depend on the course content.

CSC 730 Concepts of Programming Systems. (3) A. Prerequisites: six hours of a programming language or departmental approval. The top-down design of algorithms, structured programming, control structures, subprograms, files and lists. Programs will be written in a high level language. Credit does not apply toward the M.S. degree in Mathematical Sciences. Credit will not be awarded to students who have a six hour sequence of the programming language taught in this course.

CSC 735 Discrete Structures. (3) A. Prerequisite: MAT 107 or departmental approval. Corequisite: CSC 730. Logic, sets, functions, Boolean algebra, probability and their applications, number theory, recursion, math induction, proofs with application of these topics to computer science. Credit does not apply toward the M.S. degree in Mathematical Sciences.

CSC 740 Integrated DB Applications. (3) A. Prerequisite: CSC 730 or departmental approval. Techniques and tools for creating an integrated database application. Topics include architecture of a client/server database; creation of named program units stored in the database and in the workstation file system, developer utilities, and domain integrity.

CSC 745 Theory of Database Systems. (3) A. Prerequisite: CSC 730, CSC 735 or departmental approval. Models and principles of information systems. Database languages. The logical and physical design, and the implementation and use, of database management systems.

CSC 746 Artificial Intelligence. (3) A. Prerequisite: CSC 730, CSC 735 or departmental approval. The use of programming languages to model concepts selected from artificial intelligence. The application of heuristics to problem solving. Perception and pattern recognition.

CSC 750 Graphics Programming. (3) A. Prerequisite: CSC 730, CSC 735 or departmental approval. Graphic standards. Programming for storage, modification and display of graphics data structures/bases. Realistic representation and transformation of geometric objects emphasizing interactive color raster displays.

CSC 812 Microcomputer Architecture and Software. (3) A. Prerequisite: CSC 730 or departmental approval. Topics suitable for a microcomputer laboratory systems manager including IBM PC architecture and assembly language, local area networks, MS DOS, copyright law, viruses.

CSC 831 Data Structures and Algorithms I. (3) A. Prerequisites: CSC 730, CSC 735 or departmental approval. Analysis of algorithms, data structures, files, searching, and sorting.

CSC 833 Data Structures and Algorithms II. (3) A. Prerequisite: CSC 831. Pattern matching, graph theory algorithms, computational complexity, and cryptography.

CSC 834 Software Engineering and Project Management I. (3) A. Prerequisite: CSC 730, CSC 735 or departmental approval. Planning, organizing, monitoring, and controlling the implementation of a software project.

CSC 835 Software Engineering and Project Management II. (3) A. Prerequisite: CSC 834. A survey of current issues in software engineering, software testing, metrics, quality assurance, software reuse, and re-engineering.

CSC 839 Applied Learning in Computer Science. (1-3) A. Prerequisite: departmental approval. May be retaken with approval to a maximum of three credits. Employment with faculty and field supervision in an area related to the student's academic interests. A minimum of eighty hours of employment is required for each academic credit. Credit does not apply toward the M.S. degree requirements.

CSC 839 A-C Cooperative Study: Computer Science. (1-3) A. Prerequisite: departmental approval. May be retaken with approval to a maximum of three credits. Employment with faculty and field supervision in an area related to the student's

academic interests. A minimum of eighty hours of employment is required for each academic credit. Credit does not apply toward the M.S. degree requirements.

CSC 842 Parallel Algorithms. (3) A. Prerequisite: CSC 831. The design and analysis of parallel algorithms. Application to merging, sorting, combinatorics and numerical algorithms.

CSC 860 System Programming and Administration. (3) A. Prerequisite: CSC 730. Operating system concepts, concurrent programming, scheduling, security, recovery, methods and languages for operating system management. Layering protocols for computer networks, inter-process communications, TCP/IP Internet protocols, Web programming, and Web server management. Credit does not apply toward the M.S. degree in Mathematical Sciences.

CSC 880 Seminar in: _____. (1-3) A. Prerequisite: departmental approval. Advanced topics in computer science. May be retaken to a maximum of six hours provided the topics are different.

CSC 890 Independent Study in: _____. (1-3) A. Prerequisite: departmental approval. Independent study on a problem chosen by the student and instructor. Student must have the independent study form and course syllabus approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of nine hours, provided that the topics are different.

CSC 895 Applied Computing Project in: _____. (3-6) A. Prerequisite: departmental approval. An individually developed project related to the solution of a typical problem in an applied computing environment. The result is to be presented in open forum. Credit does not apply towards the M.S. degree in Mathematical Sciences.

CTE—Career and Technical Education
Dr. William E. Davis, Chair

CTE 704 Career and Technical Education Staff Exchange. (2-6) A. For in-service teachers enrolled in a staff exchange program designed to update technical skills in a proper industrial setting. Written reports are required. May be retaken provided the occupational setting is different. Satisfactory/Unsatisfactory grading.

CTE 800 Occupational Training Materials. (3) A. Formerly TTE 800. Instructional materials designed for the adult learner to include: the preparation and application of individualized learning packets; the identification and application of instructional computer software; the development and application of video instructional programs; organization and application of instructional sequences.

CTE 801 Occupational Training Methods. (3) A. Formerly TTE 801. An examination and development of training methods in occupational programs. Content will include an analysis of learning student and occupational needs, objectives, syllabi and lesson preparation and an overview of teaching methods.

CTE 802 Occupational Training Practicum. (6) A. Formerly TTE 802. A course designed to allow the trainer the opportunity to provide instruction to trainees in a real life setting.

CTE 861 Supervision in Technical Education. (3) A. Principles, objectives, methods, techniques, and practices of supervision; selection and organization of instructional materials; planning and equipping facilities; and professional and in-service education as they relate to supervision of technical, vocational, and general industrial education programs.

CTE 862 Philosophy of the Career and Technical Education. (3) II. Formerly TTE 862. Background, purpose, history, and philosophies of career and technical education; relationship to general education; effects of legislation for career and technical education.

CTE 863 Organization and Administration of Career and Technical Education. (3) A. Organization of career and technical education on the local, state, and national level; federal legislation in technical education; federal state relationships; types of technical education programs and schools.

CTE 864 Technical Education Facility Planning. (3) A. Formerly TTE 864. Principles and practices underlying the planning and designing of laboratories for technical education. Students are required to design a multi-laboratory facility which complies with existing safety and health laws.

CTE 865 Evaluation in Technical Education. (3) A. Strategies and methods for evaluation in technical education; identification and analysis of context, input, process, and outcomes; preparations, use and analysis of measuring instruments.

CTE 888 Occupational Information. (3) A. Occupational information associated with careers to include: types of work performed, qualifications and preparation required, the type of organizations where employment is available, work conditions, annual earnings, and employment outlook.

DES—Design

Edward C. Hale, Acting Chair

DES 717 Interior Design Study Tour II. (1-3) A. Prerequisite: departmental approval. Tour of interior design resources, wholesale, and retail showrooms. Study in museums, libraries, and interior design centers when possible. Special study projects. May be retaken to a maximum of six hours providing topics vary. Students having received credit for the course at the 500 level may take this course to a maximum of six hours, including the undergraduate credits. Those who have not received credit for this course at the undergraduate (500) level may retake it to a maximum of six hours.

DES 725 The Decorative Arts. (3) A. Furniture and accessories of the 18th, 19th, and 20th centuries with emphasis upon the influence of major designers and their interpreters, their stylistic characteristics and technical habituations.

DES 821 Analytical Furniture Design. (3) A. Prerequisite: TEC 331 or departmental approval. Analysis of furniture design in terms of integration of function and style with structure; coordination of furniture style with interior architectural expression. Design and research of components will result in scaled models and a complete set of working drawings.

EAD—Educational Administration

TBD, Chair

EAD 801 Introduction to School Leadership and Administration. (3) I, II. The study of modern administrative theories, practices, and techniques in school leadership and administrative responsibilities. Emphasis will be upon facilitating leadership to create an organizational climate supportive of excellence in teaching and learning.

EAD 802 School Buildings and Grounds. (3) I. Emphasis on the cooperative planning of school buildings which fit the school program as identified by educational specifications. Equipping, furnishing, and maintaining buildings are studied.

EAD 804 The Middle School Principal. (3) I, II. A study of the organization and management of the middle school, and the nature and needs of middle school children.

EAD 806 The Elementary School Principal. (3) I, II. Prerequisite: EAD 801. Organization and management of the elementary school. Study of the various duties, demands, and responsibilities of the elementary school principal in providing professional and educational leadership.

EAD 807 Educational Administration and Supervision. (1-3) A. Prerequisite: advisor/departmental approval. Workshops, special topics, or seminars. May be retaken under different subtitles.

EAD 808 Administration of Pupil Personnel Services. (3) II. Prerequisite: instructor approval. Administrative problems relating to child accounting. Major areas emphasized will be attendance reports and records, school census, and social and economic factors influencing school attendance.

EAD 809 The Secondary School Principal. (3) I, II. Prerequisite: EAD 801. Organization and management of the secondary school principal in providing professional and educational leadership. Study of various duties, demands, and responsibilities of the secondary school.

EAD 810 The Educational Leadership Practicum. (3) I, II. Analysis of the educational leader in practice. Sixty hours of field experiences inclusive of primary through grade 12, supported with knowledge and skill development symposiums, lectures, and assessments.

EAD 821 Practicum in Administration and Supervision. (3) I, II. Prerequisite: professional certificate in administration and supervision. Field experiences with emphasis on organization and administration of schools. Seminars/workshops will be attended to analyze problems and experiences of the field activities.

EAD 824 Technology and Leadership Practices for Program Improvement. (3) I, II. The study of assessment, improvement, and application of computer technology and effective leadership practices in education. The focus of the course will be upon the use of technology and knowledge of "best" practices for educational improvements.

EAD 827 Finance and Support Services in Schools. (3) I, II. Study of financing and support services within individual schools in Kentucky and the United States. Special emphasis will be placed upon site-based decision-making concepts as they relate to finance and support services.

EAD 828 School Law and Ethics in School Leadership. (3) I, II. Legal principles and interpretations of constitutional and statutory laws. Judicial decisions and school policies based on those are emphasized. Special attention is given to the site-based decision making process at the school level.

EAD 831 Leadership for School Program Collaboration. (3) A, I, II. The study of the issues and opportunities that surround educational leaders, professional staff, support staff, students, and communities, as they relate to collaborative efforts regarding quality and equity in development of world class schools.

EAD 834 Leadership for Human Resources Development. (3) I, II. Human resources development practices including functions of school supervision. Course emphasizes the development of knowledge and skills needed to provide essential and effective personnel leadership and management services in an educational organization.

EAD 839 The School Superintendency. (3) A. The role of the school district superintendent is explored and analyzed with reference to job responsibilities and organizational structure. Knowledge, skills, and dispositions necessary to serve successfully in the position are also examined.

EAD 846 Leadership for School Community Relations. (3) I, II. Study of issues and responsibilities relating to the establishment and administration of a school community relations program at the school district and school building levels.

EAD 849 School Systems Administration. (3) A. Examination of school system operations including financial management, the administration of auxiliary services, human resources management, the management of federal and state programs, facilities planning and management, and the management of curriculum and instructional support.

EAD 859 Strategic Planning in Education. (3) A. An examination of planning processes used by leaders to direct and focus educational change and improvement. Includes strategic planning approaches designed to address the goals of an organization.

EAD 869 Decision-Making and Action Research in Education. (3) I, II. Study of action research and decision-making as they apply to problems encountered in the school principalship and supervision.

EAD 879 The Superintendency Practicum. (3) A. Analysis of the school district superintendent's role in practice with emphasis on changes in society and schools. Students will participate in a variety of experiences that involve interacting with practicing school administrators, especially superintendents.

EAD 888 Advanced Seminar in Administration and Supervision. (3) I, II. A study of the skills and techniques necessary for developing sound personnel policy and practice, and for developing an effective school/community relations program.

EAD 897 Independent Study. (1-3) A. Designed for advanced graduate students who desire to investigate special problems relating to educational administration and/or supervision. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

EAD 898 Project Development. (3) A. Prerequisites: admission to Ed.S. program and EPY 869 or equivalent. Research and investigation in the area of specialization. Examination of appropriate design models. Development of acceptable project proposal.

EAD 899 Specialist Project. (3) A. Prerequisites: EPY 895 and EAD 898. Guided completion of a scholarly project appropriate to the student's field of specialization.

ECO—Economics

Dr. John Wade, Chair

ECO 760 Special Problems in Economics. (1-4) 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.

ECO 790 Regional Economics. (3) A. Prerequisite: three hours economics. 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.

ECO 807 Economics _____. (1-3) A. Prerequisite: advisor/departmental approval. Independent work, workshops, special topics, or seminars. May be retaken under different subtitles to a cumulative maximum of nine hours.

ECO 810 Economics for Teachers. (3) A. A course designed to enhance teachers' understanding of economics. Study of microeconomic and macroeconomic principles; application to policy issues; introduction to economic literacy of students in schools.

ECO 848 Statistical Methods in Business and Economics. (3) A. Prerequisite: ECO 220 or equivalent or consent of instructor. Application of statistical analysis in business and economics; probability, sampling distributions, estimation and hypothesis testing, regression, analysis of variance, chi-square analysis, and time series. Credit will not be awarded to students who have credit for QMB 850.

ECO 850 Managerial Economics. (3) II. Prerequisites: ECO 230 and 231 or ECO 822. Economic concepts directly relevant to decision making, including demand, forecasting, cost analysis, production theory, and pricing under competitive and imperfect market conditions.

ECO 854 Advanced Statistical Applications. (3) **A.** Prerequisite: ECO 848 or equivalent. Develops business and economic applications emphasizing the general linear model. Includes statistical inference, regression models, non-parametrics, and analysis of variance. Emphasis upon description and prediction of business and economic phenomena. Credit will not be awarded to students who have credit for EPY 843 or QMB 300 or STA 500 or STA 700 or ECO 320 or PSY 301 or STA 270.

ECO 855 Contemporary Economic Issues: _____. (1-6) **A.** Prerequisite: ECO 850 or equivalent. Application of economic analysis to such issues as international trade, health care, education, environmental policy, monetary and fiscal policy, and income distribution. May be retaken to a maximum of six hours if topics are different.

ECO 860 Independent Study in Economics. (1-6) **A.** Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken under different subtopics to a cumulative maximum of six hours.

EDF—Educational Foundations
Dr. Michael A. Martin, Chair

EDF 807 Educational Studies: _____. (1-3) **A.** Prerequisite: advisor/departmental chair approval. Independent work, workshop, special topics, or seminars. May be retaken under different subtitles.

EDF 832 History of Education in the United States. (3) **A.** Rise and development of public education in the United States. Sociological, psychological, and scientific movements in education; education reorganization; brief study of the development of public education in Kentucky.

EDF 835 Critical Thinking in the Educational Process. (3) **A.** A study of the process of critical thinking in education. Exploration of techniques and materials for teaching the art of reasoning, defining problems, and analyzing and evaluating information.

EDF 836 Philosophy of Education. (3) **A.** Meaning and scope of philosophy in education; contrasting philosophies and conceptions of education; evaluation and interpretation of present-day issues and problems in education.

EDF 837 Comparative Education. (3) **A.** Study of the development of educational thought and practice in selected nations of Europe, Asia, Africa, and South America. Emphasis will be placed on intellectual, historical, and sociological factors.

EDF 850 Educational Sociology. (3) **A.** Investigation of the social forces and institutions influencing education. A study of cultural change, social control, social stratification, ethnic patterns, and religion and their effects on the school.

EDF 855 Foundations of Multicultural Education. (3) **A.** Examination of the education implications of cultural pluralism in America and selected societies of the world.

EGC—Graduate Certification
Dr. Michael A. Martin, Chair

EGC 820 Professional Studies I: Teachers, School, and Society. (3) **A.** Prerequisite: criteria for admission to the MAT program. An introduction to roles and responsibilities of teachers in standards-based schools, school organization, and relationship of school and society. Twenty field/clinical hours.

EGC 826 Graduate Practicum in Elementary Education. (8) **I.** Prerequisites: EGC 820, 830, MAT Core I-IV, admission to student teaching. Corequisite: EGC 827. Elementary Master's of Arts in Teaching Practicum. Observation, participation, and responsibility for classroom teaching including related professional activities.

EGC 827 Elementary Master of Arts in Teaching Seminar. (1) **I.** Prerequisites: admission to graduate practicum, EGC 820 and 830. Corequisite: EGC 826. Seminar with emphasis on questions and problems encountered in teaching including classroom management, state and national curriculum trends, and legal issues. Minimum sixteen clinical hours.

EGC 829 Master of Arts in Teaching Capstone Seminar. (3) **I.** Prerequisites: EGC 820 and 830, MAT Core I-III. Medicated presentation of action research project completed in Core III, completion and assessment of graduate portfolio, plan for continued professional growth based on experienced teacher standards.

EGC 830 Professional Studies II: Learner, Teachers, and Action Research. (3) **A.** Prerequisite: criteria for admission to MAT program. Corequisite: EGC 820. Focus on theories and principles of human development and action research. Twenty field/clinical hours.

EGC 835 Content Methods and Curriculum for Middle Grades. (3) **I.** Prerequisites: admission to MAT in Middle Grade Education and Teacher Education; completion of EGC 820, 830. Examination of curriculum, responsibilities of teachers, appropriate methods and instructional materials for middle grades.

EGC 836 Middle Grades Practicum in Middle Grade Education. (8) **II.** Prerequisites: MAT Core I & II, admission to student teaching. Corequisite: EGC 837. Observation, participation, responsible classroom teaching including related professional activities.

EGC 837 Middle Grades Master of Arts in Teaching Seminar. (1) **II.** Prerequisite: admission to student teaching. Corequisite: EGC 836. Emphasis on questions and problems encountered in middle grades teaching including classroom management, state and national curriculum trends, and implementation and evaluation of instruction.

EGC 839 Capstone Seminar in Middle Grade Education. (3) **A.** Prerequisites: EGC 836 and 837. Mediated presentation of action research project completed in Core III, completion and assessment of graduate portfolio, plan for continued professional growth based on Experienced Teacher Standards.

EGC 845 Teaching in the Secondary/P-12 School. (3) **A.** Prerequisite: admission to candidacy in the MAT program. Current methods for standards based teaching and assessment of schools. Ninety-six field/clinical hours required.

EGC 846 Graduate Practicum in the Secondary/P-12 School. (8) **A.** Prerequisites: MAT Core I and II, admission to student teaching. Corequisite: EGC 847. Observation, participation, responsible classroom teaching including related professional activities.

EGC 847 Secondary/P-12 M.A.T. Seminar (1) **A.** Prerequisite: admission to graduate practicum. Corequisite: EGC 846. Emphasis on questions and problems encountered in secondary/P-12 teaching including classroom management, state and national trends, and legal issues. Minimum sixteen field/clinical hours.

EGC 889 Master of Arts in Teaching Capstone Seminar. (3) **A.** Prerequisites: EGC 846 and 847. Multi-media presentation of action research project completed in Core III, completion and assessment of graduate portfolio, plan for continued professional growth based on Experienced Teacher Standards.

EHE—Higher Education
Dr. Michael A. Martin, Chair

EHE 807 Problems in Higher Education. (1-3) **A.** Prerequisite: advisor/departmental chair approval. Independent work, special workshops, selected topics, or seminar. May be retaken under different subtitles to a maximum of six hours.

EHS—Environmental Health Science
Dr. Darryl Barnett, Chair

EHS 800 Environmental Health Research Process. (3) **A.** Cross listed with PHE 800. Provides the student with an in-depth exploration of the public health/environmental health paradigm using instruction and hands on experience in the application of quantitative and qualitative analysis in the public and environmental health arena. Credit will not be awarded to students who have credit for PHE 800.

EHS 825 Environmental Health Planning. (3) **A.** The study of the planning tools required for the administration and implementation of environmental health programs.

EHS 839 Applied Learning in Environmental Health. (1-6) **A.** Cross listed with EHS 863. Supervised and directed field experience at official agencies at any level of government (local, state or national) or with a private industry. The EHS field practice course administrator must approve all field-training sites before selection or assignment. Credit will not be awarded to students who have credit for EHS 863.

EHS 840 Industrial Hygiene Principles. (3) **A.** A study of the impact of the work place on worker's health and the control of causative factors of disease.

EHS 841 Essentials of Industrial Hygiene. (3) **A.** Identify primary sources of potential chemical, physical and biological agents, identify techniques for assessing the risk of worker exposures and understand health impacts of occupational exposures to workers. (KYU and WEB course)

EHS 845 Environmental Health Standards/Compliance. (3) **A.** The study of international and national environmental health standards, rules and regulations, application interpretations, and the statutes upon which they are based.

EHS 850 Introduction to Environmental Health Science. (3) **A.** Study of the effects of the environment on personal and public health related to water and waste water treatment, air pollution, food hygiene, disease vectors, waste disposal, radiation, noise, institutions, etc. as they link to chronic and communicable diseases.

EHS 855 Emergency Sanitation/Shelter/Environments. (3) **A.** This course will provide students with environmental health principles required to protect the environmental health of a community in times of emergency/disaster.

EHS 860 Air Quality and Health. (3) **A.** A study of health impacts of air pollution from both outdoor and indoor sources. The course will also provide information about methods of reduction, control, and elimination of air pollution.

EHS 863 Field Experience in Environmental Health. (1-6) **A.** Cross listed with EHS 839. Supervised and directed field experience at official agencies at any level of government (state, local or national) or with private industry. The course administrator must approve all field-training sites before selection or assignment. Credit will not be awarded to students who have credit for EHS 839.

EHS 865 Environmental Toxicology. (3) **A.** Toxicology, the principles, concepts and thinking that are its foundation. The mechanisms by which the substances enter the cells of the body, the physiological processes, the target organs, classes of toxic substances, and potential exposures.

EHS 870 Assessing and Managing Health Risks. (3) **A.** A study of risk assessment, injury control, and environmental epidemiology. Techniques for assessment and management of risk and paradigms for decision making to protect community public health and the work environment.

EHS 877 Public Health Group Dynamics. (3) **A.** Provides the student with the principles of value-based decision-making in empowering stakeholders of the health care system. This course deals with group planning processes, negotiation and mediation.

EHS 880 Food/Waterborne Disease Control. (3) A. The management of safety and disease hazards inherent in administering community programs of food hygiene, water supply, and wastewater treatment.

EHS 890 Independent Study in Health Science. (1-3) A. Prerequisite: advisor/course instructor/departmental approval prior to enrollment. Student-initiated directed study. Regular consultation with faculty supervisor and final project research paper required. May not be retaken under different subtopics. Approval of special project study proposal by faculty advisor.

EHS 899 Thesis in Health Science. (1-6) A. Prerequisite: advisor/course instructor/departmental approval prior to enrollment. Student-initiated directed study on thesis research and writing. Regular consultation with faculty supervisor and final project research paper required.

EHS 899C Thesis in Health Science Continuation. (1-6) A. Prerequisite: advisor/course instructor/departmental approval prior to enrollment. Student-initiated directed study on thesis research and writing. Regular consultation with faculty supervisor and final project research paper required.

ELE—Elementary Education
Dr. Michael A. Martín, Chair

ELE 707 Problems in Elementary Education. (1-3) A. Prerequisite: advisor/departmental chair approval. Independent work, special workshops, special topics, or seminar.

ELE 719 Teaching in the Kindergarten. (3) A. Focuses upon leaders and literature of kindergarten education including historical movements, organizations, curricula, equipment, and procedures used with normal, developmentally different, and multicultural children.

ELE 741 Survey of Elementary Curriculum Programs. (3) I, II. For physical education, art, or music majors seeking 12th 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.

ELE 807 Elementary Education: _____. (1-3) A. Prerequisite: advisor/departmental chair approval. Independent work, workshops, special topics, or seminars. May be retaken under different subtitles.

ELE 810 Elementary School Curriculum. (3) I, II. Study in depth of principles, materials, and procedures in current curriculum development and revision in the elementary school.

ELE 871 Literacy Programs: P-5 (3) A. Intensive study of methods and materials appropriate for developing emergent, primary, and transitional literacy in grades P-5.

ELE 897 Independent Study. (1-3) I, II. Primarily for advanced graduate students who desire to investigate special problems relating to elementary education. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

EME—Early Elementary/Middle Grade
Dr. Michael A. Martín, Chair

EME 710 Art in the Curriculum. (3) A. Elements of the discipline, creativity, aesthetics, theory, philosophy and instructional facilities will be explored. Individual explorations of research and media.

EME 751 Linguistics in the Curriculum. (3) A. Prerequisite: EME 445, 873 or ELE 871. Investigations of elements in the science of linguistics and their application to communication skills of students.

EME 786 Teaching of Health in P-8. (3) A. Prerequisites: admission to teacher education and major in school health. Developmentally appropriate curriculum, materials, and methods for the health P-8 program. Minimum of twenty field/clinical hours.

EME 796 Physical Education for Children and Youth. (3) A. Comprehensive review of techniques used in teaching physical education in the early elementary and middle grades. Emphasis placed on health, evaluation, fitness testing, rhythmical activities, game activities, tumbling and self-testing.

EME 843 Teaching Mathematics to Low Achievers. (3) A. In-depth analysis of characteristics of low achievers, teaching resources, teaching strategies, and appropriate mathematics curriculum content.

EME 863 Social Science in the Curriculum. (3) A. Emphasis on social science disciplines in the curriculum. New developments in social studies curricula are explored.

EME 865 Investigations in Reading. (1-3) A. Prerequisite: instructor approval. Individual research and study of investigative and theoretical literature dealing with the teaching of reading.

EME 866 Investigations in Mathematics. (1-3) A. Critical study of investigative and theoretical literature dealing with the teaching of mathematics.

EME 870 Trends in Science Education. (3) A. Exploration of modern trends, practices, and foundation programs drawn from appropriate disciplines which relate to the teaching of science.

EME 872 Mathematics in the Curriculum. (3) A. Exploration of trends, concepts, and issues involved in modern mathematics programs. Research findings are examined and multisensory materials are presented.

EME 873 Research Based Reading Instruction. (1-3) A. Advanced study of methods, materials, and organizational procedures appropriate for teaching developmental reading.

EME 874 Language Arts in the Curriculum. (3) A. Examination of current trends and curriculum problems related to teaching of language arts. Emphasis on listening, oral and written expression, spelling and handwriting.

EME 876 Investigations in Science Education. (3) A. Prerequisite: instructor approval. Individual research and study of investigative and theoretical literature dealing with the teaching of science.

EME 877 Practicum for Reading Specialists. (3) A. Prerequisites: EMS 868 and 875. Supervised experience for reading specialists in diagnosing and instructing students with reading difficulties.

EMG—Middle Grade Education
Dr. Michael A. Martín, Chair

EMG 707 Problems in Middle Grade Education: _____. (1-3) A. Prerequisite: approval of advisor. Independent work, workshops, special topics, or seminar. May be taken for a maximum of six hours under different subtitles.

EMG 768 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 Education instruction in the middle grades.

EMG 806 Reading Instruction in the Middle School. (3) A. Prerequisite: a course in foundations or reading/language arts instruction. Comprehensive study of materials and strategies for teaching reading in the middle grades with special emphasis on reading in the content areas.

EMG 807 Middle Grade Education: _____. (1-3) A. Independent study, special workshops, topics, or seminars. May be retaken for a maximum of six hours under different subtitles.

EMG 810 Curriculum in the Middle School. (3) A. A study of the physical, social, emotional, and intellectual needs unique to the middle grade student and their implications for courses of study, the learning environment, and teacher characteristics.

EMG 867 Middle Grade Curriculum and Instructional Strategies in Family and Consumer Sciences. (3) A. Curriculum content, instructional materials, and strategies appropriate for middle grade instruction in family and consumer sciences.

EMG 897 Independent Study. (1-3) A. Offered for advanced graduate students who desire to investigate special problems related to middle grade education.

EMS—Early Elementary/Middle Grade/Secondary
Dr. Michael A. Martín, Chair

EMS 775 Methods and Materials for Teaching English as a Second Language. (3) A. The study of effective methods of Teaching English as a Second Language (TESL). Thirty hours of field experiences are required.

EMS 811 Humanistic Teaching — Strategies and Behaviors. (3) A. Rationale for and practice with techniques for effective teaching using humanistic and behavioral approaches. Emphasis is placed upon meeting the individual professional needs of participants.

EMS 818 Effective Instructional Models and Practices. (3) A. A course designed to help students examine, evaluate, and apply recent research findings related to effective instruction and schools.

EMS 830 Multicultural Populations and School Curriculum. (3) A. Exploration of ethnic and family backgrounds, class structure, patterns of living, language characteristics, and teacher-pupil attitudes as they relate to the school experience.

EMS 842 Discipline and Classroom Management. (3) A. Knowledge and skills necessary for establishing and maintaining positive relationships in the classroom; disciplinary concerns of teachers. Theoretical and tested knowledge in personal behavior and communication skills systems examined for practical and effective application.

EMS 850 Curriculum for Leaders in Education. (3) A. A course focusing on definition, planning, implementation, and assessment of P-12 curricula. Designed for students pursuing programs in Instructional Leadership.

EMS 855 Gifted and Talented Youth. (3) A. Survey of the unique characteristics of gifted and talented youth, methods of identification, and educational needs.

EMS 856 Curriculum in the Gifted and Talented Education. (3) A. Models for gifted and talented curriculum development, gifted and talented curriculum projects and teaching strategies, state and national curricular guidelines for gifted and talented instruction, program delivery options, and technological support are major topics.

EMS 857 Model Programs for Gifted and Talented Education. (3) A. Prerequisites: EMS 855, 856, 857. Examination of school and district wide programs for gifted and talented students including program delivery options, staff development, and development of critical and creative thinking skills.

EMS 858 Practicum for Gifted and Talented Education. (3) A. Prerequisites: EMS 855, 856, 857. Supervised teaching experience with gifted/talented students. Provides students opportunities to apply knowledge and skills in classroom settings. Students will participate in program planning, implementation, and evaluation.

EMS 868 Instructional Techniques and Materials for Students with Reading Difficulties. (3) A. Prerequisite: ELE 871, EME 873, EMG 806, or ESE 774. Methods, materials and techniques appropriate for correction of reading problems.

EMS 875 Diagnostic Assessment of Students with Reading Difficulties. (3) A.

Prerequisite: ELE 871, EME 873, EMG 806, or ESE 774. Theory and implementation of diagnostic procedures for the appraisal of reading difficulties. Emphasis on assessing types and degree of reading disabilities and identifying casual and contributing factors.

EMS 880 Organization and Supervision of Student Teaching. (3) A. Prerequisite: teaching experience. For school and college personnel concerned with improving student teaching experiences.

ENG—English

Dr. Charlie Sweet, Acting Chair

ENG 700 Topics in Professional Writing: _____. (3) A. Study and practice in selected areas of professional writing. May be retaken with different topics to a maximum of six hours. If subtopic is "Writing for the Popular Media," no credit given to students who have credit for JOU 480.

ENG 702 Advanced Creative Writing. (3) A. Open to students who desire to have their manuscripts criticized: fiction, drama, poetry, biography, or the informal essay accepted; guest lectures by and discussion with writers in residence.

ENG 703 Creative Writing Workshop. (1) A. Prerequisite: departmental approval. One-week course of lectures and discussions by faculty and visiting lecturers. Each student must submit a short story, a one-act play, four poems, or equivalent. May be retaken for a maximum of three hours. Students having received credit for this course at the 500 level may take this course for a maximum of six hours, including the undergraduate credit.

ENG 710 Introduction to Linguistic Theory. (3) A. An introduction to current linguistic theory and practice.

ENG 715 English as a Second Language. (3) A. Study of theories advanced to explain the learning of English as a second language.

ENG 720 History of the English Language. (3) A. Study of the history of the English language in terms of social, historical, and linguistic forces from which it developed into modern English.

ENG 730 Topics in Genre: _____. (3) A. Study of a designated literary genre, such as the rise of the novel, epic poetry, classical drama, or a popular literature genre. May be retaken with different topics to a maximum of six hours.

ENG 735 Women Writers. (3) A. Study of literature by women writers.

ENG 750 Topics in Literature: _____. (3) A. An intensive study of a particular aspect of literature such as a theme, a movement, or contemporary directions/experiments. May be retaken with a different topic to a maximum of six hours.

ENG 800 Seminar on Composition. (3) I. An introduction to current information and ideas on composition, with practical application, problem solving, and research especially relevant to college composition. Required of and limited to teaching assistants in English.

ENG 804 Seminar in Creative Writing: _____. (3) A. Prerequisite: ENG 700, 702, or 703. Writing and study in depth of a particular genre (e.g., fiction, poetry, drama) resulting in a coordinated project. May be retaken with different topics to a maximum of six hours.

ENG 805 Writing Project. (3-6) A. Prerequisite: prior approval of department chair. Study of professional literature on the development of writing ability; practice in and analysis of the writing process and response to writing; individualized research. Maximum of three credit hours may apply toward an M.A. degree in English.

ENG 806 Topics in Modern Rhetoric: _____. (3) A. Prerequisite: ENG 510/710 or equivalent. Study in depth of selected major authors, theories, research and/or pedagogical approaches in

twentieth-century rhetoric. May be retaken with a different topic to a maximum of six hours.

ENG 807 Advanced Study of Language: Knowledge and Use. (3) A. Prerequisite: ENG 510/710 or equivalent. An advanced course in language knowledge (competence) and use (performance) from the perspective of language theory, focusing on aspects of language acquisition and literacy development.

ENG 808 Studies in Modern Composition Theory. (3) A. An advanced course in modern theories of composition, suitable for students of writing and for students interested in teaching writing; includes theory, practice, and evaluation.

ENG 809 Seminar in Scholarship and Writing. (3) A. Study of the range of scholarly tools and methods for research and writing, including print and electronic sources. Special emphasis on practical application to a specific research project.

ENG 810 Seminar in Linguistics. (3) A. Prerequisite: ENG 510/710 or equivalent. Study of language from various linguistic perspectives.

ENG 812 Seminar in Research Methods in Rhetoric and Composition Studies. (3) A. Study of methods and bibliographical resources, including electronic media, for scholarly research and writing in rhetoric and composition studies. Emphasis on practical application to a specific research project.

ENG 825 Old English Language and Literature. (3) A. Study of the structure of Old English (phonology, morphology, syntax) and of selected literary works in the original. Emphasis on language or literature based on individual students' interests.

ENG 827 History of Rhetoric. (3) A. Study of classical rhetoric through the nineteenth-century as it applied to written discourse. Emphasis upon methods of invention, arrangement, and style to demonstrate their continuing utility.

ENG 833 Modern Literary Criticism. (3) A. Study of selected major critical approaches (such as New Criticism, Marxist Criticism, Psychoanalytic Criticism, Deconstruction, New Historicism, Feminist Criticism, Reader-Response Criticism) and their backgrounds.

ENG 839 Applied Learning in English. (1-6) A. Prerequisite: English department approval. Work under faculty and field supervisors in cooperative placement related to English graduate studies. One to six hours credit per semester or summer. Minimum of eighty hours work required for each academic credit. Maximum of three hours credit may apply toward an M.A. degree in English.

ENG 839 A-C Cooperative Study: English. (1-6) A. Prerequisite: English department approval. Work under faculty and field supervisors in cooperative placement related to English graduate studies. One to six hours credit per semester or summer. Minimum of eighty hours work required for each academic credit. Maximum of three hours credit may apply toward an M.A. degree in English.

ENG 850 Seminar in Early American Literature. (3) A. Study in depth of several major authors, or of a significant literary movement, in American literature through Cooper. May be retaken with different topics to a maximum of six hours, only upon advisor recommendation.

ENG 853 Seminar in Nineteenth-Century American Literature. (3) A. Study in depth of several major authors, or of a significant literary movement, in American literature of the 19th century. May be retaken with different topics to a maximum of six hours, only upon advisor recommendation.

ENG 854 Seminar in Twentieth-Century American Literature. (3) A. Study in depth of several major authors, or of a significant literary movement, in modern American literature. May be retaken with different topics to a maximum of six hours, only upon advisor recommendation.

ENG 870 Seminar in Medieval Literature. (3) A. Study in depth of several major authors, or of a

significant literary movement, in English literature of the Middle Ages.

ENG 873 Seminar in Renaissance Literature. (3) A. Study in depth of Shakespeare or of several major authors, or of a significant literary movement, in English literature from 1485 to 1660.

ENG 876 Seminar in Restoration and Eighteenth-Century Literature. (3) A. Study in depth of several major authors, or of a significant literary movement, in British literature from 1600 to 1800.

ENG 878 Seminar in Nineteenth-Century British Literature. (3) A. Study in depth of several major authors, or of a significant literary movement, in British literature of the Romantic and Victorian periods.

ENG 880 Seminar in Twentieth-Century British Literature. (3) A. A study in depth of several major authors, or of a significant literary movement, in modern British literature. May be retaken with different topics to a maximum of six hours, only upon advisor recommendation.

ENG 890 Special Studies. (1-3) A. Independent research and writing designed to fulfill individual needs and interests of advanced students. Student must have the graduate special studies proposal approved by faculty supervisor, graduate program coordinator, and department chair.

ENG 898 Thesis I. (3) A.

ENG 899 Thesis II. (3) A.

EPY-Educational Psychology

TBD, Chair

EPY 816 Tests and Measurements. (3) I, II. Study of concepts, principles, and methods involved in the use of current tests and inventories. Emphasis on measurement theory underlying construction, use, and interpretation of data from standardized tests. Credit will not be awarded to students who have credit for PSY 302.

EPY 839 Human Development and Learning. (3) I, II. The study of various theories of human behavior, development, and learning. Emphasis is placed on current research and theories with special emphasis on different ethnic, cultural and social backgrounds and physical and mental exceptionality of children and youth.

EPY 842 Statistical Methods I. (3) A. Introduction to the techniques appropriate for the treatment of educational and psychological data. Use and interpretation of descriptive statistical methods. Credit will not be awarded to students who have credit for ECO 824 or ECO 220 or HEA 450 or PLS 400 or COR 400 or QMB 200 or PSY 291 or STA 208 or STA 209 or STA 210 or STA 270.

EPY 843 Statistical Methods II. (3) A. Prerequisite: instructor approval. Use and interpretation of multi-sample inferential statistics. Analysis of variance, co-variance, factorial designs, multiple regression, and nonparametric techniques. Credit will not be awarded to students who have credit for ECO 221 or ECO 854 or PSY 301 or QMB 300 or STA 271 or STA 500 or STA 700.

EPY 852 Advanced Educational Psychology. (3) A. Basic problems of biological and environmental factors are reviewed, and the principles of motivation and learning are emphasized.

EPY 854 Mental Health and Personal Adjustment. (3) A. Study of the personal and social factors related to the development of individual mental health and mental illness.

EPY 869 Research in Education. (3) I, II. Fundamental principles of educational research. Required of all candidates for the Master of Arts in Education degree who do not prepare a thesis. Should be taken early in the graduate program.

EPY 895 Advanced Research Methodology. (3) A. Prerequisite: EPY 869 or equivalent. Theories and models of research design in the study of behavior and the educative process; statistical analysis of data. Research proposals may be developed.

ESE—Secondary Education
Dr. Michael A. Martin, Chair

ESE 707 Problems in Secondary Education. (1-3) **A.** Prerequisite: advisor/departamental chair approval. Independent work, special workshops, special topics, or seminars.

ESE 740 Teaching Art in the Secondary P-12 Schools. (3) **I.** Prerequisite: admission to the MAT program. Developmentally appropriate materials and methods for teaching art in the secondary schools. Minimum of 96 field/clinical hours.

ESE 741 Teaching Biology in the Secondary School. (3) **I.** Prerequisite: admission to the MAT program. Designed to introduce prospective teachers to the modern materials and methods of teaching biological or physical science at the secondary level. Minimum of 96 field/clinical hours.

ESE 743 Teaching of Language Arts in the Secondary School. (3) **I.** Prerequisites: admission to the MAT program with a major in English, French, German, Spanish or speech and drama. Developmentally appropriate materials and methods for teaching language arts in the secondary school. Minimum of 90 field/clinical hours.

ESE 749 Teaching Social Studies in the Secondary School. (3) **I.** Prerequisites: admission to the MAT program, a "B" or higher in EGC 820 and EGC 830, and a major in the social sciences. Developmentally appropriate materials and methods for teaching social sciences in the secondary school. Minimum of 90 field/clinical hours.

ESE 750 Teaching Mathematics in the Secondary School. (3) **I.** Prerequisite: admission to the MAT program. Developmentally appropriate materials and methods for teaching mathematics and computer science in secondary schools. Minimum of 96 field/clinical hours.

ESE 751 Teaching of Physical Science in the Secondary School. (3) **I.** Prerequisite: admission into the secondary MAT program. Designed to introduce prospective teachers to the modern materials and methods of teaching biological or physical science at the secondary level. Field/clinical hours: 96.

ESE 752 Teaching of Career and Technical Education in Middle and Secondary Schools. (3) **I.** Prerequisite: admission to the MAT program. Developmentally appropriate materials and methods for teaching career and technical education in the middle and secondary schools. Minimum of 96 field/clinical hours.

ESE 753 Family and Consumer Sciences Education Curriculum. (4) **I.** Prerequisite: admission to the MAT program. Developmentally appropriate materials and methods for teaching family and consumer sciences education curriculum in the secondary schools. Minimum of 96 field/clinical hours.

ESE 766 Teaching of Physical Education in Secondary Schools. (3) **I.** Prerequisites: admission to the MAT program with a major in physical education. Developmentally appropriate materials and methods for teaching physical education in the secondary schools. Minimum of 90 field/clinical hours.

ESE 773 Teaching Business and Marketing in Middle and Secondary Schools. (3) **I.** Prerequisite: admission to the MAT program. Developmentally appropriate materials and methods for teaching business and marketing education. Minimum of 96 field/clinical hours.

ESE 774 Teaching Reading in the Secondary School. (3) **A.** Prerequisites: education core and admission to teacher education. Emphasis on developmental and content area reading skills, appraisal of reading abilities, appropriate materials, assessment, and organization of secondary reading program.

ESE 779 Music Education: Principles and Practices. (3) **I.** Prerequisites: admission to the MAT program or a music certification program and MUS

750. Developmentally appropriate materials and methods for teaching music education in secondary schools. Minimum of 96 field/clinical hours.

ESE 787 Teaching of Health Education in Secondary Schools. (3) **I.** Prerequisites: admission to the MAT program with a major in health education. Developmentally appropriate materials and methods for teaching health education in secondary schools. Minimum of 96 field/clinical hours.

ESE 807 Secondary Education: _____. (1-3) **A.** Prerequisite: advisor/departamental chair approval. Independent work, workshops, special topics, or seminars. May be retaken under different subtitles.

ESE 849 Trends and Materials in Social Studies. (3) **A.** Designed to broaden the horizons of secondary social studies teachers. Attention focused on new curriculum materials, simulation, videotaped microteaching. Participants will be actively involved, and consultants will assist in areas of particular interest.

ESE 850 Trends and Materials in the Teaching of Mathematics. (3) **A.** Examination of curricular trends, modern programs, appropriate strategies, and innovative materials in secondary mathematics.

ESE 860 Curriculum Development in Family and Consumer Sciences. (3) **A.** Prerequisite: instructor approval. Educational trends and their implications; principles of curriculum construction applied to family and consumer sciences in middle and secondary school.

ESE 861 Supervision of Family and Consumer Sciences. (3) **A.** Principles and techniques of effective supervision in family and consumer sciences with emphasis on supervision of student teaching.

ESE 863 Secondary School Curriculum. (3) **II.** Aims of the public secondary schools; plans for evaluating curriculum procedures; qualities of good teaching; procedures of evaluating and improving classroom teaching; methods of making the school a more effective agency.

ESE 864 Special Problems in Family and Consumer Science Education. (1-3) **A.** Prerequisite: instructor approval. 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.

ESE 867 Assessment in Family and Consumer Sciences Education. (3) **A.** Theories and techniques of program and student assessment; construction and interpretation of instruments to measure student progress and program improvement.

ESE 871 Special Problems in Industrial Arts Education. (1-6) **A.** Problems of particular value to the teacher in the field, both of a practical and of a research nature, will be pursued by the student and developed through conferences and activities directed by the staff. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

ESE 872 Curriculum Practices and Trends in Industrial Education. (3) **I.** Current concepts and trends in industrial education; principles underlying curriculum construction and development; long range planning for improvement of program.

ESE 874 Supervision and Administration in Music. (3) **A.** Functions, techniques, and problems of supervision and administration in music education; development of effective programs in city and county school systems; inservice education and workshop techniques; professional and community relationships.

ESE 876 Current Trends in Elementary Music. (2) **A.** Current thought and practices in elementary music; knowledge of learners and learning processes, structure of music, methods of developing skills. Non-music majors must have equivalent of MUS 360 and instructor approval.

ESE 877 Practicum in Remedial Reading. (3) **A.** Supervised experiences for secondary reading teachers in diagnosis and correction of reading problems.

ESE 878 Principles of Music Education. (3) **I.** Basic educational principles and their implications for music education with reference to all types of school situations.

ESE 879 Foundations of Music Education. (3) **II.** Historical, philosophical, and psychological foundations of music education and their relationship to curriculum development.

ESE 880 Problems in Music Education. (1-3) **I, II.** Problems in the various areas of music education. Emphasis on curriculum improvement through experience to current research and literature in the field. If taken as an independent study, student must have the independent study form approved by faculty advisor and department chair prior to enrollment. May be retaken to a maximum of three hours.

ESE 881 Workshop in Music Education. (1-4) **Summer only.** Philosophy, objectives, literature, materials, and techniques pertinent to a particular area of music instruction. Topics to be announced. May be retaken to a maximum of four hours credit.

ESE 882 Curriculum Development in Music Education. (3) **A.** The theory and process of curriculum development in music education; consideration of the instructional process; the importance of sequence, continuity, and articulation; strategies for change.

FCS—Family and Consumer Sciences
Dr. Diane Leggett, Chair

FCS 750 Family and Consumer Science Topics: _____. (1-6) **A.** Workshops on selected topics in home economics. May be retaken to a maximum of six hours provided topics vary. Students having received credit for the course at the 500 level may take this course to a maximum of six credit hours, including the undergraduate credits. Those who have not received credit for this course at the undergraduate (500) level may retake it to a maximum of six hours credit.

FIN—Finance
Dr. Jessica Johnson Frazier, Chair

FIN 824 Survey of Finance. (3) **A.** Prerequisites: ACC 201 and ACC 202 or ACC 820 each with a minimum grade of "B-," ECO 230 and ECO 231 each with a minimum grade of "C-." Introduction to theories of managerial financial decision making; time value of money; risk-reward tradeoff; stockholder wealth maximization; capital structure; working capital management; and financial institution markets arrangements.

FIN 850 Problems in Managerial Finance. (3) **II.** Prerequisites: FIN 300 or FIN 824 or equivalent each with a minimum grade of "B-" and QMB 850. Case oriented course that applies financial theories to solving problems of working capital management, capital budgeting, capital structure, dividend policy, and acquisitions.

FIN 851 Seminar in Investments. (3) **I.** Readings on traditional and current issues emphasizing valuation, selection, and portfolio management of securities.

FIN 854 Financial Markets and Institutions. (3) **A.** Prerequisites: FIN 824 with a minimum grade of "B-" and QMB 850. A topical survey of the relevant financial markets and institutions literature, including the impact of regulation and deregulation.

FIN 855 Topics in Finance: _____. (1-6) A. Prerequisites: FIN 824 with a minimum grade of "B-" and QMB 850. Study of contemporary topics from areas such as international finance, financial institutions and regulations, and investment analysis. May be retaken to a maximum of six hours provided topics are different.

FIN 890 Independent Study in Finance. (1-4) A. Prerequisite: advisor/departmental approval. May be retaken under different subtopics to a cumulative maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

FRM—Family Resource Management
Dr. Diane Leggett, Chair

FRM 856 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. May be retaken to a maximum of six hours provided topics vary. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

GBU—General Business
Dr. Norb Elbert, Chair

GBU 850 Legal, Ethical, and Social Environment of Business. (3) A. Examines what the responsible business-person must know about the Common Law, the regulatory environment, standards of ethical conduct, and the social responsibilities of the modern enterprise.

GBU 851 Business Policy. (3) I, II. Prerequisites/Corequisites: ACC 850, MGT 850, MKT 850, QMB 850, CIS 850, and FIN 850. A capstone perspective of business problems in all functional areas; develops systematic, analytical skills in formulating and implementing business decisions.

GBU 855 Special Topics in Business. (3) A. Prerequisite: departmental approval. Study of various special topics in the various functional areas of business: accounting, administrative communications, computer information systems, finance, management, marketing, or international business. May be retaken to a maximum of six hours provided topics are different.

GBU 891 Thesis Research. (3) A. An independent research project, guided by a Thesis Advisor and approved by Thesis Committee of three MBA faculty (Thesis Advisor included), in partial fulfillment of the MBA degree. Three hours per semester, up to a maximum of six hours, may be taken. The grade for this course will be IP until either the thesis is completed and approved, or the MBA comprehensive examination is passed at which time the grade will become S.

GEO—Geography
Dr. Bruce Davis, Chair

GEO 701 Advanced Geography: _____. (3) A. Prerequisite: departmental approval. In-depth study of physical, cultural, economic, or geographic technique (GIS) themes. May be retaken to a maximum of six hours provided subject matter differs each time.

GEO 725 Seminar in Planning: _____. (3) A. 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.

GEO 735 Advanced GIS. (3) A. Prerequisite: GEO 353 or equivalent or departmental approval. Advanced concepts, operations, and applications of raster and vector GIS. Spatial analysis using scanning, imagery, GPS, global data sets, and derived data for natural and social applications. Use of standards, metadata, open GIS, and other advances.

GEO 755 Advanced Cartography. (3) A. Prerequisite: GEO 355 or departmental approval. Advanced techniques of cartographic presentation of data to include computer applications. 1 Lec/4 Lab.

GEO 756 Advanced Geographic Imagery. (3) A. Prerequisite: GEO 355 or departmental approval. Characteristics, interpretation, integration, and applications of advanced geographic imagery, including remote sensing and GIS digital data. Attention on satellite and multispectral imagery, including image processing. Hands-on emphasis.

GEO 797 Special Studies in Geography. (1-3) A. Prerequisite: departmental approval. Directed work in geography. 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 PLA 797 or PLA 597.

GLY—Geology
Dr. Malcolm Frisbie, Chair

GLY 700 Earth Science Problems for Teachers: _____. (1-3) I, II. Prerequisite: departmental approval. Designed to fit the needs of 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 the faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of nine hours provided topic is different each time.

GLY 703 Earth Materials. (3) I. Prerequisite: GLY 108 or departmental approval. Survey of natural materials: minerals, rocks, soils and natural resources presented in the compositional structure of the Earth. Emphasis on the interaction between these materials and human activity, and on analytical techniques. 2 Lec/2 Lab.

GLY 704 Earth Processes. (3) II. Prerequisite: GLY 108 or departmental approval. Survey of natural processes: weathering and erosion; transportation, deposition and consolidation of sediment; deformation and uplift of the Earth's crust. Emphasis on the interaction between these processes and human activity, and on analytical techniques. 2 Lec/2 Lab.

GLY 712 Geology of Soils. (3) A. Prerequisite: GLY 108 or departmental approval. Composition, classification, and evolution of soil; role of climate, living organisms, physiography, and underlying geology in soil formation. Emphasis on clay mineralogy, analytical techniques, soil mapping, paleosols in the rock record, human interaction with soils, and the economic importance of soils. 2 Lec/2 Lab.

GLY 735 Hydrogeology. (3) I. Prerequisites: GLY 108 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.

GLY 740 Biochemical Treatment Processes. (3) A. Prerequisite: departmental approval. Survey of remediation processes for polluted waters and soils; emphasis on understanding the science of and application for various treatment processes.

GLY 750 Evolution of the Earth. (3) A. Prerequisites: GLY 703 and 704 or departmental approval. Capstone course: overview of geological principles from the perspective of earth's history, physical and biological. Emphasis on critical thinking and expressive writing.

GLY 780 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.

GLY 800 Selected Topics for Teachers: _____. (1-3) A. Prerequisite: departmental approval. Designed to offer a range of geological topics for teacher education. May be retaken to a maximum of nine hours provided topic is different each time.

GLY 802 Scientific Communication in Geology. (2) I. Corequisite: GLY 803. Introduction to design of research, preparation of papers for scientific publication, and the preparation of presentation of displays and papers at scientific meetings.

GLY 803 Graduate Seminar. (1) I, II. Weekly departmental seminar directed toward current research in geology. Presenters include faculty, invited professionals, and graduate students. Active participation as a presenter and an informed respondent required. Intended as a compliment to GLY 802, but may be retaken to a maximum of four hours.

GLY 804 Research Methods in Geology. (3) I. Practical methodology of geological research, a modular applications course taught by various faculty with student exercises. Includes, but is not limited to, petrography (required for GLY 822 and GLY 823); orientation to available laboratory facilities, equipment, and analytical instruments; well log analysis, and field investigations. 2 Lec/2 Lab.

GLY 805 Advanced Structural Geology. (3) A. Prerequisite: GLY 410 or departmental approval. Emphasis on plate tectonics, regional structure, and the mechanics of stress and strain.

GLY 821 Sedimentology: _____. (3) A. Prerequisite: GLY 415 or departmental approval. Emphasis on either siliciclastic or carbonate sedimentology. Study of physical, chemical, and biological processes leading to interpretation of depositional and diagenetic environments. May be retaken to a maximum of six hours if topic is different.

GLY 822 Igneous and Metamorphic Petrology. (3) A. Prerequisite: GLY 409 or GLY 703 and 804. Mineralogy, chemistry, texture, structure, and tectonic environment of the principle suites of igneous and metamorphic rocks. Emphasis on petrogenetic models within an overall context of global tectonics. 2 Lec/2 Lab.

GLY 823 Sedimentary Petrology. (3) A. Prerequisite: GLY 409 or GLY 703 and GLY 804. Study of composition, texture, and diagenesis of sedimentary rocks. Emphasis on microscopic examination. 2 Lec/2 Lab.

GLY 836 Seminar: Granular Hydrogeology. (3) A. Prerequisite: GLY 535 or 735 or departmental approval. Divergent groundwater flow in ideally homogeneous, isotropic, porous and permeable media, both vadose and phreatic; examples illustrating departures from the ideal. Seminar features exposition of theoretical concepts and their practical application, current journal articles, case studies, and student/instructor/guest presentations.

GLY 837 Seminar: Karst Hydrogeology. (3) A. Prerequisite: GLY 535 or 735 or departmental approval. Convergent groundwater flow in soluble rocks exhibiting heterogeneous, anisotropic, conduit dominated permeability, both vadose and phreatic. Seminar features lecture presentations relevant to comprehending and analyzing these complex aquifers, demonstration of tracer investigations and electronic monitoring, case studies, field trip, and student presentations.

GLY 838 Seminar: Contaminant Hydrogeology. (3) A. Prerequisite: GLY 535 or 735 or departmental approval. Point and non-point source contamination of granular and karst aquifers; vadose and phreatic zone transport of various kinds of pollutants; groundwater monitoring, aquifer restoration and environmental remediation. Seminar features exposition of theoretical concepts and their practical application, current journal articles, case studies, and student/instructor/guest presentations.

GLY 860 Aqueous Geochemistry. (3) II.

Prerequisite: CHE 112 or departmental approval. Reactions between natural waters, atmospheric gases and earth materials in surface and near surface environments. Emphasis is placed on consequences of chemical weathering, composition of surface and near surface water, geochemical cycles, and natural and anthropogenic geochemical events. 2 Lec/2 Lab.

GLY 880 Seminar: _____. (1-3) A.

Prerequisite: instructor approval. Designed to meet specialized needs for instruction. May be retaken to a maximum of nine hours provided topic is different each time.

GLY 890 Geological Literature Review. (3) A. Prerequisite: GLY 802. Critical analysis of research in a specific field of geology or environmental science, written in consultation with faculty committee. Required of graduate students in non-thesis option; credit will not be given for both GLY 890 and GLY 890.

GLY 898 Special Problems in Geology. (1-6) I, II. Prerequisite: departmental approval. Topic determined by student and instructor. 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 provided topic is different each time.

GLY 899 Thesis. (3-6) I, II. Prerequisites: admission to candidacy and departmental approval. Research leading to thesis as directed by chair of thesis committee. May be retaken to a maximum of six hours.

GLY 899C Thesis Continuation. (3-9) I, II. Prerequisite: departmental approval. Continuation of research leading to thesis as directed by chair of thesis committee. Student must have already registered for six hours of GLY 899. May be retaken as necessary. May not be used to satisfy degree program requirements.

HEA—Health Education
Dr. Michael Ballard, Chair

HEA 780 Evaluation of Health Promotion Programs. (3) I, II. This course will provide an introduction to principles, strategies, and skills for the evaluation of health promotion programs in a variety of settings.

HEA 790 Health Education: _____. (1-3) A. Study of pertinent problems in health and health education. Includes topics such as: health care delivery, child abuse, teenage pregnancy, community health organizations, elementary school health curriculum, drug education, school and health services, health deviations among students, sexually transmitted diseases, etc. May be retaken once with advisor approval provided subtitle is different.

HEA 791 Women's Health. (3) A. Analysis of the major health problems of contemporary women with special emphasis on health promotion, disease prevention, and consumer health concerns.

HEA 792 Human Sexuality. (3) A. Study of the biological, social, and psychological aspects of human sexuality. Directed primarily toward those individuals in situations, which require them to assist others in understanding the broad impact of one's sexuality. Emphasis is placed upon student development of logical and reasoned justifications for their own value system.

HEA 793 Death and Grief. (3) A. A study of attitudes, behaviors, and issues concerning death and grief. Topics include responses to death and grief throughout the life cycle; process of grief and bereavement; theology and death; legal aspects of dying; care of the dying; suicide; post-mortem care; death education.

HEA 794 Drug Abuse and Dependency. (3) I, II. Study of the nature and progression of chemical abuse and dependency, and effects on the individual, family, and society. Includes study of strategies for prevention, intervention, and treatment.

HEA 795 Alcohol Abuse and Dependency.

(3) A. Study of the impact of alcohol related attitudes and behaviors on individuals and society. Includes study of influences on choices about alcohol, behavior change strategies, prevention, intervention, and treatment.

HEA 796 Approaches to Alcohol and Drug Treatment I. (3) I, II. Prerequisite: HEA 594/794 or HEA 595/795. Understanding and approaches in chemical dependency counseling, using international certification guidelines. Includes: screening, intake, orientation, assessment, intervention, education, referral, record-keeping, HIV, and consultation.

HEA 797 Approaches to Alcohol and Drug Treatment II. (3) I, II. Prerequisite: HEA 596/796. Understanding and approaches in chemical dependency counseling, as identified in international certification deadlines. Includes: needs, counseling approaches, and ethics regarding special populations.

HEA 798 Health Promotion and Program Planning. (3) I. An introduction to principles, strategies, and skills, which are necessary for the planning and implementation of health education and health promotion programs in a diversity of settings.

HEA 799 Violence Prevention in Schools and Communities. (3) A. Exploration of the issues surrounding school and community violence and current strategies for intervention.

HEA 800 Advanced Health Science. (3) A. Provides students an opportunity to broaden their knowledge of the latest scientific facts and sources of information related to selected health concerns including disease, nutrition, fitness, drug use, family living, and emotional health.

HEA 807 Health: _____. (1-3) A. Prerequisite: advisor/departmental approval. Independent work, special topics, or seminars. May be retaken under different subtitles. Topics include first aid and safety for teachers, lifestyle and mental health, and health education for elementary teachers.

HEA 810 Human Behavior Change. (3) A. This course examines selected theories and models of health behavior relevant to health promotion in individuals and communities. Students will analyze biological, psychological, sociological, and environmental influences on behavior, and evaluate strategies for health promotion.

HEA 816 Public Health Organization and Administration. (3) A. In-depth exploration of the myriad of forces impacting public health organization and administration at local, state, and national level; the relationship between legislative action, effectiveness of public health efforts, and future of public health.

HEA 830 Biostatistics. (3) A. This course is an introduction to basic concepts of statistics as applied to public health. Major topics to be covered include descriptive statistics, theoretical distributions, probability, estimation, hypothesis testing, correlation, analysis of variance, and regression.

HEA 855 Epidemiology and Risk Management. (3) A. A study of the distribution and determinants of disease and injury. Research methodologies for human research, assessment and management of risk disease surveillance techniques will be emphasized.

HEA 875 Seminar in Contemporary Health Problems. (3) A. Opportunity for in-depth study of current health problems and issues utilizing guest speakers as the primary source of information.

HEA 880 Special Projects in Health. (1-3) A. Individual research into a special health problem. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

HEA 897 Thesis. (6) A.

HEA 898 Health Care Delivery. (3) A. This course will provide a general survey of the various health professions, role of comprehensive health planning concepts, and the role of the health professional in the health care delivery system.

HEA 899 Practicum in Allied Health Sciences Education. (3) A. Student will be placed in a working situation providing supervised pedagogical experiences appropriate for the individual's area of specialty.

HIS—History
Dr. David Sefton, Acting Chair

HIS 716 Kentucky History. (3) A. Prerequisite: three hours of HIS or departmental approval. Social, economic and political survey; Kentucky's role in national developments.

HIS 800 Historiography and Criticism. (3) A. A seminar in the history and theory of historical writing and fundamental techniques of the historian.

HIS 849 Reading and Research: _____. (3) A. Independent study in a specific field. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

HIS 860 Readings in American History: _____. (3) A. Seminar on selected developments in American history. May be retaken to a maximum of nine hours, provided the subject matter differs each time.

HIS 861 Readings in European History: _____. (3) A. Seminar on selected developments in European history. May be retaken to a maximum of nine hours, provided the subject matter differs each time.

HIS 862 Readings in Asian/African History: _____. (3) A. Seminar on selected developments in Asian or African history. May be retaken to a maximum of nine hours, provided subject matter differs each time.

HIS 863 Readings in Latin America History: _____. (3) A. Seminar on selected developments in Latin American history. May be retaken to a maximum of nine hours, provided subject matter differs each time.

HIS 864 Comparative History: _____. (3) A. Seminar on issues in comparative history. May be retaken to a maximum of nine hours, provided the subject matter differs each time.

HIS 865 Conceptualizing History: _____. (3) A. Analysis of recent trends in the teaching and conceptualizing of world history, western civilization, and/or U.S. History. May be retaken to a maximum of nine hours, provided the subject matter differs each time.

HIS 899 Thesis. (3-6) A. May be retaken to a maximum of twelve hours.

HIS 899C Thesis Continuation. (3-9) I, II. Prerequisite: departmental approval. Continuation of research leading to thesis as directed by the chair of the thesis committee. Student must already have registered for six hours of HIS 899. May not be used to satisfy degree program requirement.

INS—Insurance
Dr. Jessica Johnson Frazier, Chair

INS 878 Business Risk Management. (3) A. Analysis and treatment of the non-speculative risks faced by modern business insurance firms, including legal liability and property risks, retention and self-insurance, captive insurers, loss prevention, risk avoidance and transfer, and insurability of business risks.

INT—Industrial Technology
Dr. William E. Davis, Chair

INT 706 Total Quality Control. (3) A. Prerequisite: INT 202. A study of total quality control as it relates to the integration of all functions and processes within an organization in order to achieve continuous improvement of the quality of goods and services.

INT 730 Design of Experiments. (3) A.

Prerequisite: INT 336. 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.

INT 801 Industrial Value Analysis. (3) A.

Prerequisite: ECO 230. An introduction to topics necessary for making effective manufacturing economic decisions. Quantitative methods and computer applications will be used to formulate decisions relating to manufacturing operations.

INT 802 Productivity Assessment and Analysis. (6) A.

Prerequisite: departmental approval. A study of industrial productivity; its assessment, measurement, analysis and improvements with emphasis upon human productivity, and machine, material, and process productivity.

INT 804 Project Management. (3) A.

Prerequisite: departmental approval. Elements of managing projects including the use of modern project management software. Primary emphasis will be the organizing of the class as a project team to work on actual projects in local industrial facilities.

INT 805 Industrial Operations Research. (3) A.

Prerequisite: departmental approval. Concepts and applications of analytical models in industrial decision-making. Includes general concepts of models and simulation, mathematical programming, game theory, and sequential network logic in determining optimal industrial strategies.

INT 820 Industrial Technology Proposal. (3) A.

Prerequisite: departmental approval. An individually developed proposal related to a project typically encountered by a manager in a technical environment. The project proposal is to be approved by the student's graduate advisor.

INT 821 Industrial Technology Project. (3) A.

Prerequisite: INT 820 or departmental approval. An individually developed project related to the solution of a typical problem encountered by a manager in a technical environment. The problem is to be approved by the student's graduate advisor and the results presented in open forum.

INT 822 Industrial Internship. (3-6) A.

Prerequisite: departmental approval. Planned and supervised experience in industry in which the student will have the opportunity to observe and participate in manufacturing management activities. The experience must be for at least one semester and the plan of activities should be approved by the student's graduate committee.

LAS—Paralegal

Dr. JoAnn Ewalt, Interim Chair

LAS 735 Municipal Law. (3) A.

Prerequisite: LAS 220 or director's approval. Practical legal problems confronting municipal officials including: government and public official liability, ordinances, tax levies, bonding, zoning, soliciting, licensing, open meetings, personnel, cut-back management, elections, and other issues.

LIB—Library Science

Dr. Michael A. Martin, Chair

LIB 701 Literature and Related Materials for Transescents. (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 transescents and literary criticism are emphasized.

LIB 769 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.

LIB 800 Organization and Administration of the School Media Center. (3) A. A course designed to instruct students in the philosophy, objectives, and administration of the media center in elementary and secondary schools.

LIB 802 Literature and Related Materials for Young Adults. (3) A. A course designed for teachers and school media librarians preparing to work with young adults. Literature and related materials appropriate for supplementing school curricula and encouraging recreational reading among students 15 years and older will be explored.

LIB 805 Advanced Children's Literature. (3) A.

Prerequisite: LIB 301 or comparable course. Characteristics of good reading for children; types and evaluation of literature; use of materials for curricular and leisure needs; correlation of book and non-book materials. For librarians and teachers.

LIB 807 Library Science: _____ (1-3) A. Prerequisite: advisor/departmental chair approval. Independent work, workshops, special topics, or seminars. May be retaken under different subtitles.

LIB 821 Reference and Bibliographic Services. (3) A. Prerequisite: LIB 800. A course designed to prepare school media librarians to acquire and use information resources needed to support the school curriculum.

LIB 831 Classification of Cataloging. (3) A. Study of the fundamental principles and methods of classifying and cataloging book and non-book materials.

LIB 863 Computer Use and Media Preparation in Library Media Programs. (3) A.

Prerequisite: LIB 569/769. This course emphasizes the application of computer tools to library procedures and information access and the design, production, and organization of instructional media.

LIB 870 K-12 School Media Librarian Practicum. (2-4) A. Prerequisite: eighteen hours LIB certification requirements. Experience at two levels (elementary, middle grade, secondary) providing the administrative, instructional, and consultative services required of school media librarians. (One week full-time per credit hours.)

LPS—Loss Prevention and Safety

Dr. Larry Collins, Chair

LPS 815 Loss Prevention Administration. (3) A. Prerequisite: departmental approval. Examination of administrative concepts and principles regarding organizing and managing the functional areas of fire, safety, and security. Development of organizational and administrative structure to include policy formulation, goals and objectives, managerial tasks, and impact evaluations within an encompassing loss prevention framework.

LPS 822 Workers Compensation/Labor Law. (3) A. Prerequisite: departmental approval. Comprehensive study of workers compensation and regulations; National Labor Relations Act; Title VII; A.D.E.A.; and, other relevant laws applicable to the functional areas of loss prevention.

LPS 826 Emergency Prep/Response. (3) A. Prerequisite: departmental approval. In-depth study of the planning process, program development, training methods, etc., for response to man-made and natural emergencies/disasters for both private and public entities.

LPS 827 Issues in Security Management. (3) A. Prerequisite: departmental approval. Survey of salient issues and concerns confronting security managers. Examines the application and contribution of various management concepts and philosophies to assets protection issues such as information security, personnel protection, threat analysis, technological adaptation, and resource allocation.

LPS 828 Industrial Safety Management. (3) A. Prerequisite: departmental approval. Investigation and analysis of hazard control

principles relating to the management of personnel, facilities, and equipment, including control procedures, work-task analysis, risk identification and countermeasures, safety training, and pertinent safety management techniques.

LPS 829 Public Emergency Services. (3) A. Prerequisite: departmental approval. Overview of the theories and techniques of management practices regarding the operation and delivery of public sector emergency services. Agency coordination, budgetary considerations, resource assessment, and liability issues are emphasized.

LPS 833 Legislation & Regulatory Comp. (3) A. Prerequisite: departmental approval. Comprehensive study and analysis of federal/state regulations and legislation such as OSHA, EPA, etc., which mandate compliance with certain safety, health, and environmental conditions and practices relating to work performed in occupational, industrial, and comparable settings.

LPS 839 Applied Learning: _____ (1-6) A. Prerequisite: departmental approval. Work under faculty and field supervisor in a cooperative placement related to student's academic studies. May be retaken to a maximum of six hours, but only three hours may count toward master's degree. A minimum of 80 hours required for each hour of academic credit.

LPS 839 A-C Cooperative Study: _____ (1-6) A. Prerequisite: departmental approval. Work under faculty and field supervisor in a cooperative placement related to student's academic studies. May be retaken to a maximum of six hours, but only three hours may count toward master's degree. A minimum of 80 hours required for each hour of academic credit.

LPS 841 Applied Study in Loss Prevention. (3) A. Prerequisite: departmental approval. Supervised study in loss prevention setting to provide the student an opportunity to synthesize theory and on-the-job situations. Individual conferences.

LPS 845 Personal/Environmental Hazards. (3) A. Prerequisite: departmental approval. Analysis and investigation of hazard and threat control principles relating to personal and environmental risks within the workplace. Investigation techniques, inspection methodologies, management techniques, and prevention programs essential to the manager within the safety, fire, and security functions are emphasized.

LPS 865 Loss Prevention Auditing. (3) A. Prerequisite: departmental approval. Theory and application of loss prevention auditing in safety, fire, and security. Comprehensive study of risk/threat exposure and assessment.

LPS 880 Loss Prevention Research/Planning. (3) A. Prerequisites: APS 465 or equivalent statistics course and departmental approval. Models and applications of research design and planning in loss prevention and assets protection. Identification and evaluation of problems, information and data interpretation, and research/planning methodologies for contemporary approaches to proactive loss prevention.

LPS 890 Topical Seminar: _____ (1-3) A. Prerequisite: advisor/departmental approval. Designed to explore specific, contemporary aspects of loss prevention. May be retaken to a maximum of six hours provided topic is different each time.

LPS 897 Independent Study. (3) A. Prerequisite: departmental approval. Designed for graduate students who have demonstrated the ability to conduct individual research relating to loss prevention and safety. 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.

LPS 898 Thesis. (3-6) A. Prerequisite: departmental approval. For students preparing a thesis in partial fulfillment of the requirements for master's degree program. May be retaken to a maximum of six hours.

MAR—Marine Sciences
Dr. Andrew Schoolmaster III, Dean

MAR 703 Marine Invertebrate Zoology. (3) A. Prerequisite: sixteen hours of biology. Corequisite: MAR 703L. Morphology, distribution, and ecology of the phyla Protozoa through Protochordates.

MAR 703L Marine Invertebrate Zoology Laboratory. (3) A. Corequisite: MAR 703.

MAR 704 Parasites of Marine Animals. (3) A. Prerequisite: consent of instructor. Corequisite: MAR 704L. Emphasis on morphology, taxonomy, life histories, and host-parasite relationships.

MAR 704L Parasites of Marine Animals Laboratory. (3) A. Corequisite: MAR 704.

MAR 705 Marine Ecology. (3) A. Prerequisite: sixteen hours of biology. Corequisite: MAR 705L. The relationship of marine organisms to their environment.

MAR 705L Marine Ecology Laboratory. (2) A. Corequisite: MAR 705.

MAR 706 Fauna and Faunistic Ecology of Tidal Marshes, Seagrasses, and Sand Beaches. (2) A. Prerequisite: instructor approval. Corequisite: MAR 706L. Taxonomy, distribution, trophic relationships, reproductive strategies and adaptation of tidal marsh animals.

MAR 706L Fauna and Faunistic Ecology of Tidal Marshes, Seagrasses, and Sand Beaches Laboratory. (3) A. Corequisite: MAR 706.

MAR 707 Marine Aquaculture. (3) A. Corequisite: MAR 707L. Problems and procedures relating to the culture of commercially important crustaceans, fish and mollusks.

MAR 707L Marine Aquaculture Laboratory. (3) A. Corequisite: MAR 707.

MAR 708 Marine Ichthyology. (3) A. Prerequisite: sixteen hours of biology. Corequisite: MAR 708L. Marine fishes including evolutionary relationships, morphology, physiology, and zoogeography.

MAR 708L Marine Ichthyology Laboratory. (3) A. Corequisite: MAR 708.

MAR 709 Marine Microbiology. (3) A. Prerequisite: general microbiology. Corequisite: MAR 709L. An introduction to the role of microorganisms in overall ecology of the oceans and estuaries.

MAR 709L Marine Microbiology Laboratory. (2) A. Corequisite: MAR 709.

MAR 710 Marine Fisheries Management. (2) A. Prerequisite: instructor approval. Corequisite: MAR 710L. An overview of practical marine fishery management problems.

MAR 710L Marine Fisheries Management Laboratory. (2) A. Corequisite: MAR 710.

MAR 720 Marine Phycology. (2) A. Prerequisite: ten hours of biology including botany. Corequisite: MAR 720L. A survey, based upon local examples, of the principal groups of marine algae.

MAR 720L Marine Phycology Laboratory. (2) A. Corequisite: MAR 720.

MAR 721 Coastal Vegetation. (3) A. Prerequisite: ten hours of biology, including general botany. Corequisite: MAR 721L. A study of general and specific aspects of coastal vegetation, with emphasis on local examples.

MAR 721L Coastal Vegetation Laboratory. (2) A. Corequisite: MAR 721.

MAR 722 Salt Marsh Plant Ecology. (2) A. Corequisite: MAR 722L. The botanical aspects of local marshes; includes plant identification, composition, and structure.

MAR 722L Salt Marsh Plant Ecology Laboratory. (2) A. Corequisite: MAR 722.

MAR 730 Comparative Histology of Marine Organisms. (3) A. Prerequisite: instructor approval. Corequisite: MAR 730L. Histology of marine organisms, including tissue processing techniques.

MAR 730L Comparative Histology of Marine Organisms Laboratory. (3) A. Corequisite: MAR 730.

MAR 741 Marine Chemistry. (3) A. Prerequisite: instructor approval. Corequisite: MAR 741L. Sea water chemistry and cycles and their impact on the marine environment.

MAR 741L Marine Chemistry Laboratory. (1) A. Corequisite: MAR 741.

MAR 743 Environmental Estuarine Chemistry. (3) A. Prerequisites: sixteen semester hours of chemistry; three to six hours of general biology and geology or consent of the instructor. Corequisite: MAR 743L. The study of sources, reactions, transport, effects and fate of chemicals occurring in aquatic environments.

MAR 743L Environmental Estuarine Chemistry Laboratory. (1) A. Corequisite: MAR 743.

MAR 757 Marine Science for Teachers. (3) A. Prerequisite: instructor approval. Emphasis will be placed on measurements and analysis of the marine habitat and ecological relationships.

MAR 758 Marine Science for Elementary Teachers. (3) A. Prerequisite: instructor approval. Corequisite: MAR 758L. Designed to acquaint teachers with marine science concepts.

MAR 758L Marine Science for Elementary Teachers Laboratory. (0) A. Corequisite: MAR 758.

MAR 759 Coastal Ecology for Teachers. (3) A. Prerequisite: instructor approval. Corequisite: MAR 759L. Designed to provide teachers with a background in basic coastal ecology.

MAR 759L Coastal Ecology for Teachers Laboratory. (1) A. Prerequisite: instructor approval. Corequisite: MAR 759.

MAR 782 Coastal Marine Geology. (2) A. Prerequisite: six hours in geology. Inshore and nearshore geological processes, sedimentation patterns, and landforms.

MAR 782L Coastal Marine Geology Laboratory. (1) A. Corequisite: MAR 782.

MAR 790 Special Problems in Marine Science. (1-6) A. Prerequisite: instructor approval. Independent research.

MAR 791 Special Topics in Marine Science. (1-6) A. Prerequisite: instructor approval. Directed study in area for which no formal courses are offered.

MAR 805 Early Life History of Marine Fishes. (2) A. Prerequisites: ichthyology, fisheries, biology, and ecology. Corequisite: MAR 805L. Reproductive strategies and early developmental processes of marine fishes. Role of early stages of fishes in fisheries oceanography, marine ecology, and systematics; methods of sampling, identifying and rearing fish eggs and larvae.

MAR 805L Early Life History of Marine Fishes Laboratory. (2) A. Corequisite: MAR 805.

MAT—Mathematics
Dr. Patrick Costello, Acting Chair

MAT 701 Applications of Mathematics for P-9 Teachers. (3) A. Topics in the application of mathematical models appropriate for teachers of grades P-9. Credit does not apply toward M.S. nor M.A. in Education - Secondary Education option in mathematics, degree requirements.

MAT 702 Geometry with Technology for P-9 Teachers. (3) A. Topics in geometry appropriate for teachers of grades P-9. Credit does not apply toward M.S. nor M.A. in Education - Secondary Education, academic specialization option in mathematics, degree requirements.

MAT 705 Foundations of Mathematics. (3) A. The nature of mathematical thought; logical systems, axiomatic concepts and methods; consideration of the work of Hilbert, Peano, Whitehead, Russell, and others. It is strongly recommended that students have completed an abstract algebra course.

MAT 706 Number Theory. (3) A. Fundamental properties of integers, linear Diophantine equations, linear and quadratic congruences, famous problems of number theory. It is strongly recommended that students have completed a course requiring proof-writing skills.

MAT 707 Seminar in Mathematics: _____. (1-3) A. Topics vary with offering. May be retaken with advisor approval, provided the topics are different. Credit towards degree requirements will depend on the course content.

MAT 725 Vector Analysis with Applications. (3) A. Algebra and geometry of vectors; vector functions of a single variable; line, surface, and volume integrals; divergence Theorem, Stokes' Theorem, Green's Theorem; generalized orthogonal coordinates; Fourier Series; solutions to boundary value problems. It is strongly recommended that students have completed twelve hours of calculus.

MAT 735 Modern College Geometry II. (3) A. The major influence of the axioms of parallelism on geometry, development from axioms and models, Euclidean geometry, absolute geometry, hyperbolic geometry, consistency of postulates. It is strongly recommended that students have completed a geometry course.

MAT 740 Introductory Applied Mathematics. (3) A. Techniques and applications of: vector analysis, matrix theory, linear and autonomous systems of differential equations, special functions, operational methods, Sturm-Liouville theory, Fourier series. It is strongly recommended that students have completed a course in differential equations.

MAT 750 Applications of Complex Analysis. (3) A. Continuity, differentiation, integration, series, residues, and applications to the evaluation of real integrals. Applications of conformal mappings to boundary value problems in heat, electrostatic potential, and fluid flow. Emphasis throughout on computational techniques and applications. Credit will not be awarded to students who have credit for MAT 850. It is strongly recommended that students have completed twelve hours of calculus or eight hours of calculus plus a differential equations course.

MAT 755 Graph Theory. (3) A. Introduction to the theory and applications of graph theory. Topics will include trees, planarity, connectivity, flows, matching and coloring. It is strongly recommended that students have completed a course in abstract algebra or discrete structures.

MAT 760 Point Set Topology. (3) A. An introduction to topology with emphasis on Euclidean and other metric spaces. Mappings, connectivity, compactness, formation of new spaces, relationship to analysis. It is strongly recommended that students have completed a course requiring proof-writing skills.

MAT 803 Number and Geometric Concepts for P-5 Teachers. (3) A. Prerequisite: admission to the MAT program or departmental approval. Numeric and geometric concepts; problem solving with numbers, geometry, and data; reasoning; and connections. Credit does not apply toward the M.S. degree offered within this department. Credit will not be awarded to students who have credit for MAT 202.

MAT 806 Advanced Number Theory. (3) A. Basic concepts from analytic and algebraic number theory including the Prime Number Theorem, Dirichlet's Theorem, the Riemann Hypothesis, algebraic integers, ideals and factorization in algebraic number fields. Additional topics as time permits. It is strongly recommended that students have completed courses in number theory, abstract algebra, and real analysis or differential equations.

MAT 809 Modern Algebra. (3) A. Study of groups, rings, integral domains and fields, including the fundamental isomorphism theorems. It is strongly recommended that students have completed an abstract algebra course.

MAT 810 Modern Algebra II. (3) A.

Prerequisite: MAT 809. A continuation of MAT 809 including the study of modules, vector spaces, field theory and Galois theory.

MAT 815 Real Analysis. (3) A. Further study of the concepts introduced in MAT 315. The convergence theorems, Lebesgue measure and measurable functions, the Lebesgue integral, Fourier series, allied topics. It is strongly recommended that students have completed a real analysis course.

MAT 839 Applied Learning in Mathematics. (1-3) A. Prerequisite: departmental approval. May be retaken with approval to a maximum of three credits. Employment with faculty and field supervision in an area related to the student's academic interests. A minimum of eighty hours of employment is required for each academic credit. Credit does not apply towards the M.S. degree requirements.

MAT 839 A-C Cooperative Study:

Mathematics. (1-3) A. Prerequisite: departmental approval. May be retaken with approval to a maximum of three credits. Employment with faculty and field supervision in an area related to the student's academic interests. A minimum of eighty hours of employment is required for each academic credit. Credit does not apply towards the M.S. degree requirements.

MAT 850 Complex Analysis. (3) A. The topology of the extended complex plane. The theory of analytic and meromorphic functions including integration, Taylor and Laurent series, Cauchy Integral and Residue Theorems, Argument Principles, Rouche's Theorem, Maximum Modulus Theorems, conformal mappings. It is strongly recommended that students have completed a real analysis course.

MAT 856 Advanced Applied Mathematics. (3) A. Prerequisite: MAT 740 or equivalent. Continuation of MAT 740. Topics may include: partial differential equations, conformal mapping, potential theory, optimization, calculus of variations, integral equations.

MAT 870 Seminar in Secondary

Mathematics: _____. (1-3) A. May be retaken to a maximum of nine hours, provided the topics are different. Credit does not apply toward the M.S. degree requirements.

MAT 871 Numerical Analysis. (3) A. Computer arithmetic. Analysis of errors and stability of well-posed problems. LaGrange, Hermite and spline interpolation. Newton-Cotes, Romberg, and Gaussian quadrature. Consistency, convergence, and stability of numerical integration methods for ordinary initial value problems. Finite difference and shooting methods for two-point boundary value problems. It is strongly recommended that students have completed a real analysis course and have experience with a programming language.

MAT 872 Advanced Numerical Analysis. (3) A. Prerequisite: MAT 871 or equivalent. Continuation of MAT 871 with greater depth. Least squares and minimax approximation, direct and iterative solutions of linear systems, zeros, extrema by iteration, eigenvalue problems.

MAT 880 Seminar in: _____. (1-3) A. Advanced topics in Mathematics. May be retaken to a maximum of six hours, provided the topics are different. Credit towards degree requirements will depend on the course content.

MAT 890 Independent Study in: _____. (1-3) A. Prerequisites: An 800-level course and departmental approval. Independent study on a problem chosen by the 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 nine hours, provided the topics are different.

MAT 899 Thesis in: _____. (1-6) A.

**MGT—Management
Dr. Norb Elbert, Chair**

MGT 821 Survey of Management. (3) II. The functions of planning, organizing, leading and controlling the organization. Includes an introduction to concepts of organization behavior and organization theory as applied to the domestic/international business environments.

MGT 850 Administrative Analysis in Organizations. (3) I. Prerequisite: MGT 300 or MGT 821 or equivalent each with a minimum grade of "B-." Emphasis upon development of administrative theory; application to modern and developing forms of business organization. Heavy emphasis on advanced applications of primary functions of the manager.

MGT 854 Advanced Management Concepts. (3) A. Prerequisite: MGT 821 or equivalent. Examines the evolution of management concepts and philosophies. An analysis of the contributions of various philosophies toward the synthesis of an eclectic philosophy of management.

MGT 856 Advanced Integrated Resource Management. (3) A. Prerequisite: ECO 848 or equivalent. Operations and production decision making utilizing quantitative techniques; emphasis on problem formulation and modeling, resource allocation, linear programming, inventory control, queuing theory, and simulation. Credit will not be awarded to students who have credit for INT 805.

MGT 860 Seminar in Human Resource Management. (3) A. Prerequisites: MGT 821 or equivalent and MGT 320. Advanced study of contemporary topics related to the effective management of human resources. May be retaken under different subtopics to a cumulative maximum of six hours.

MGT 865 Seminar in Global Management. (3) A. Prerequisite: MGT 850. Advanced study of the management of global or multinational organizations, with emphasis on areas of problems and managerial control techniques.

MGT 890 Independent Study in Management. (1-4) A. Prerequisite: advisor/departmental approval. May be retaken under different subtopics to a cumulative maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**MKT—Marketing
Dr. Norb Elbert, Chair**

MKT 825 Survey of Marketing. (3) II. Survey of marketing concepts. Major marketing institutions, the marketing mix, and environmental forces are examined. International and societal approaches weighted significantly. Case studies and outside reading reports are used to extend and demonstrate concepts.

MKT 850 Marketing Problems. (3) I. Prerequisite: MKT 300 or MKT 825 or equivalent each with a minimum grade of "B-." Survey, analysis, and evaluation of current trends, controversial issues, and advanced technology in marketing; oriented toward decision making from standpoint of marketing administration in the firm.

MKT 851 E-Commerce Marketing Strategies. (3) A. Prerequisite: MKT 850 or equivalent. Study of marketing strategies as created for and implemented on the Internet's World Wide Web and other computer mediated environments. Evaluation of contribution of marketing to development of e-commerce and evolution of offline marketing systems.

MKT 852 Marketing Research and Analysis. (3) A. Prerequisite: MKT 825. The role of research in marketing decision-making: the research process, with emphasis on collection, analysis, interpretation, and management of data as applied to solving marketing problems. Students are required to do a research project.

MKT 854 Global Marketing Strategies. (3) A. Prerequisite: MKT 850. Examination of marketing management within the international environment, with particular emphasis on the analysis of cases which illustrate international and global marketing decision-making.

MKT 880 Contemporary Issues in Marketing. (3) A. Prerequisites: MKT 850 and advisor/departmental approval. May be retaken under different subtopics to a cumulative maximum of six hours. Selected topics in contemporary marketing issues.

MKT 890 Independent Study in Marketing. (1-4) A. Prerequisite: advisor/departmental approval. May be retaken under different subtopics to a cumulative maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**MUS—Music
Mr. Robert James, Chair**

MUS 712 Piano V. (1-4) I, II. May not be taken for credit by piano majors.

MUS 713 Techniques of Accompanying. (1) I, II. Practical training in the tradition, interpretation, and execution of accompaniments. May be retaken to a maximum of two hours.

MUS 720 Diction for Singers. (1) A. For voice, education, and choral conducting students. Enunciation and projection; accurate pronunciation in German and French. Phonetics and the International Phonetic Alphabet.

MUS 722 Voice V. (1-4) I, II. May not be taken for credit by voice majors.

MUS 742 Organ V. (1-4) I, II. May not be taken for credit by organ majors.

MUS 750 Teaching Techniques. (1 or 2) A. Analysis of current teaching methods and materials with the intention of developing sound teaching procedures. May include observation and performance. Topics in woodwinds, brass, percussion, strings, voice, piano, and organ. May be retaken to a maximum of two hours.

MUS 751 Performance Literature. (1 or 2) A. Literature for various performing media relative to performance practices and problems. Topics in woodwinds, brass, percussion, strings, voice, piano and organ. May be retaken to a maximum of two hours.

MUS 754 Band Literature. (2) A. Designed to acquaint the student with European origins of the modern band; history of band music; and literature for the contemporary band.

MUS 755 Symphonic Music Literature. (3) II. Prerequisite: MUS 371 and 372. Evolution of the symphony from its beginning to the 20th century with emphasis on score reading and listening.

MUS 756 Choral Music Literature. (3) I. Prerequisite: MUS 371 and 372. Survey of choral music literature from the 15th century to the present.

MUS 764 Advanced Instrumental Conducting. (2) A. Prerequisite: MUS 367 or equivalent. Development of skills in score reading, preparation, interpretation, and conducting of representative orchestra or band works.

MUS 765 Advanced Choral Conducting. (2 or 3) A. Prerequisite: MUS 368 or equivalent. Development of skills in score reading, preparation, interpretation, and conducting of representative choral works.

MUS 786 Workshop in Instrumental Music. (1-4) A. Topics in band or orchestra procedures. May be retaken to a maximum of four hours.

MUS 788 Pedagogy of Theory. (2) A. Comparative study of theory systems with emphasis on presentation and illustrative exercises dealing with related theoretical problems.

MUS 789 Workshop in Choral Music. (1-4) A. Techniques, literature, and materials pertinent to a particular area or areas of preparation and performance of choral music. Topics to be announced. May be retaken to a maximum of four hours.

MUS 805 Chamber Music. (.5) A. May be retaken to a maximum of one hour.

MUS 812 Piano. (1-5) I, II. Prerequisite: MUS 412. Four years or equivalent, as demonstrated by the student's proficiency in piano. May be retaken.

MUS 822 Voice. (1-5) I, II. Prerequisite: MUS 422. Four years or equivalent, as demonstrated by the student's proficiency in voice. May be retaken.

MUS 823 Show Choir. (1) I, II. Rehearsal and performances of show choir literature. Course open by audition only. May be retaken to a maximum of four hours credit.

MUS 824 Madrigal Singers. (1) I, II. Rehearsal and performance of literature of the Madrigal. Course open by audition only. May be retaken to a maximum of four hours credit.

MUS 825 Concert Choir. (1) I, II. Rehearsal and performances of choral literature. May be retaken.

MUS 826 University Singers. (1) I, II. May be retaken to a maximum of two hours.

MUS 827 Opera Workshop. (1) 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.

MUS 832 String Instruments. (1-5) I, II. Prerequisite: MUS 432. Four years or equivalent as demonstrated by the student's proficiency on string instruments. Graduate applied instruction in violin, viola, violoncello, string bass, or viola da gamba. May be retaken.

MUS 835 Orchestra. (1) I, II. May be retaken to a maximum of two hours.

MUS 842 Organ. (1-5) I, II. Prerequisite: MUS 442. Four years or equivalent, as demonstrated by the student's proficiency on organ. May be retaken.

MUS 845 Brass Instruments. (1-5) I, II. Prerequisite: MUS 445. Four years or equivalent, as demonstrated by the student's proficiency on brass instruments. Graduate applied instruction in cornet and trumpet, French horn, baritone horn, trombone, or tuba. May be retaken.

MUS 846 Woodwind Instruments. (1-5) I, II. Prerequisite: MUS 446. Four years or equivalent, as demonstrated by the student's proficiency on woodwind instruments. Graduate applied instruction in flute, oboe, clarinet, bassoon, or saxophone. May be retaken.

MUS 847 Percussion. (1-5) I, II. Prerequisite: MUS 447 or equivalent, as demonstrated by the student's proficiency in percussion. May be retaken.

MUS 850 Small Ensembles. (.5) I, II. May be retaken to a maximum of one hour.

MUS 851 Advanced Woodwind Techniques. (3) A. Prerequisites: MUS 351 and 352 or instructor approval. Techniques, literature and pedagogical approaches to teaching woodwind instruments in public schools.

MUS 855 Band. (1) I, II. May be retaken to a maximum of two hours.

MUS 872 Seminar in Music History. (1-3) A. Intensive study of a specific historical era, genre, or composer. Topics studied in this sequence: Medieval, Renaissance, Baroque, Classical, Romantic, Contemporary. Additional topics announced. May be retaken to a maximum of six hours, provided the subject matter differs.

MUS 878 Foundations of Music. (3) A. Historical and philosophical foundations of music and music pedagogy. Diverse trends are compared with emphasis on materials and personal development in music for the general music specialist.

MUS 880 Advanced Choral Interpretation. (2) A. Application of advanced choral techniques

related to performance practice and interpretation through analysis and score reading.

MUS 883 Seminar in Choral/Instrumental Conducting. (2) A. Techniques in the preparation, conducting, and performance of choral/instrumental music. Survey of high school and college choral or instrumental literature.

MUS 884 Advanced Theory Survey. (3) A. Prerequisite: instructor approval. Intensive work in part-writing and structural analysis.

MUS 885 Psychology of Music. (3) A. Reactions to musical stimuli; musical aptitude and achievement; application of psychological theories to musical learning.

MUS 886 Advanced Counterpoint. (3) A. Prerequisite: MUS 481 or equivalent, or instructor approval. Continuation of MUS 481; compositions of the late Baroque, including canon, passacaglia, and chorale prelude.

MUS 887 Analytical Techniques I. (3) A. Prerequisite: MUS 884 or equivalent. Significant forms, procedures, and compositional devices relevant to the major stylistic periods from the Renaissance to the Contemporary.

MUS 888 Analytical Techniques II. (3) A. Prerequisite: MUS 887 or equivalent. A more intense and specialized study of the compositional devices of important composers from Renaissance to Contemporary. Study material is partially determined by student's area of interest.

MUS 889 Advanced Composition. (2) A. Prerequisite: MUS 483 or equivalent, or approval of instructor. Continuation of MUS 483. May be retaken to a maximum of four hours.

MUS 896 Special Project in Theory/Composition, Conducting, or General Music. (3) A. Prerequisite: MUS 556 or MUS 756 Choral Conducting option only. Requirement for the Master of Music options in theory/composition, choral conducting and instrumental conducting. May be elected by other Master of Music options. May be fulfilled by theory project, composition, analytical paper, or recital.

MUS 897 Graduate Recital. (2 or 3) A.

MUS 898 Research in Music and Music Education. (3) A. Research techniques appropriate to music and music education; principles of research design; organization of the research report; analysis of representative research.

MUS 899 Thesis. (3) A.

NFA—Nutrition, Foods, and Foodservice Administration
Dr. Diane Leggett, Chair

NFA 700 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.

NFA 705 Maternal and Infant Nutrition. (3) A. Prerequisite: NFA 201. Nutritional requirements prior to and during pregnancy, lactation, and infancy. Survey the effects of dietary toxicants, deficiency, and excesses of nutrients. Field experience.

NFA 707 Child and Adolescent Nutrition. (3) A. Prerequisite: NFA 201. Nutritional needs, problems, dietary habits, and motivations of the toddler through adolescent years. Field experience.

NFA 709 Nutrition and Aging. (3) A. Prerequisite: NFA 201. The theories of causing aging; nutritional requirements; dietary intakes and effects of nutrition on the rate of biological aging. Field experience.

NFA 717 Sports Nutrition. (3) A. Prerequisite: NFA 201 or NFA 500/700. Relationship of nutrition to optimal sports performance, needs, and nutritional strategies during training, conditions requiring special consideration, controversial and potentially dangerous nutritional practices of athletes.

NFA 800 Nutrition Topics. (1-3) A. A study of selected issues confronted in the Community Nutrition Program. May be retaken to a maximum of six hours provided the subject matter differs each time.

NFA 801 Advanced Nutrient Study. (3) A. Prerequisite: NFA 401. Critical review of human nutritional requirements and relation of diet to human health and well-being, with in-depth study of nutrient-drug interrelationships, nutrient needs of high-risk groups, the chronically ill, and other high stress groups.

NFA 802 Advanced Diet Therapy. (3) A. Prerequisite: NFA 302 or 402. Advanced work in preparation and use of diets for the medical care of patients in hospital ward, outpatient clinic, or public health facility.

NFA 804 Nutrition Assessment. (3) A. Prerequisite: NFA 301 or CHE 330 or instructor approval. Evaluation of biochemical, anthropometrical, and descriptive research methods used to assess nutritional adequacy of vitamins and other nutrients in humans, including accuracy of methods, specificity, ease of use, apparatus required, and applicability to nutrition surveys.

NFA 810 Problems in Nutrition. (3) A. Prerequisite: NFA 201 or NFA 500/700. Ways of dealing effectively with nutrition concepts as they apply to everyday living.

NFA 811 Advanced Community Nutrition. (3) I. An in-depth study of the history, legislation, and guidelines of community nutrition/health programs, functions of the public health nutritionist as a counselor, consultant, educator, and communicator. Introduction to community assessment and program planning. Field experience.

NFA 816 Special Problems in Nutrition. (1-3) A. Prerequisites: NFA 401 and instructor approval. 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.

NFA 820 Community Nutrition Administration. (3) II. Prerequisite: NFA 811. Introduction to health administration, focusing on organizational structure, budget, personnel, legal aspects, public relations, and interorganizational relationships directed toward the public health nutritionist's role as program manager, planner and evaluator. Field experience.

NFA 825 Obesity and Eating Disorders. (3) A. An examination of the prevalence, physiology, and health consequences of obesity and eating disorders. Program design and analysis of treatment options will also be examined.

NFA 830 Dietetic Internship-Medical Nutrition Therapy and Foodservice Management Rotations. (6) A. Prerequisite: advisor approval. Work under faculty field preceptors to accomplish American Dietetic Association Dietetic Internship Curriculum. Experiences will include a medical nutrition therapy, foodservice management, and specialized clinical rotation.

NFA 831 Dietetic Internship-Community Nutrition Rotation. (6) A. Prerequisite: advisor approval. Work under faculty field preceptors to accomplish American Dietetic Association Dietetic Internship Curriculum. Experiences will include a community nutrition rotation in addition to a comprehensive public health assessment and evaluation project.

NFA 835 Community Nutrition Practicum. (6) I, II. Prerequisites: NFA 811, 820 or concurrent enrollment or advisor approval. Requires 320 hours observation in selected nutrition programs at local, state, or federal level. Experience under supervision of a registered dietitian. Comprehensive community assessment and analysis of the country/city worked in is also required.

NFA 841 Volume Foodservice Management. (3) A. Prerequisite: NFA 445 or departmental approval. An examination of foodservice management, production, and administration with emphasis on volume foodservice. Field experience.

NFA 850 Nutrition, Foods, and Foodservice Administration Workshop: _____. (1-3) A. Current trends, topics, and issues in nutrition, food, and foodservice administration. May be repeated to a maximum of six hours providing topics vary.

NSC—Nursing

Dr. Deborah Whitehouse, Chair

NSC 700 Early Childhood Healthcare. (3) A. Prerequisite: education major or permission of instructor. Focuses on the development of competencies necessary for health management of young children (ages birth to five years) with special health care needs. Appropriate for non-health care professionals in the community or classroom.

NSC 800 Advanced Practice. (1-6) A. Advanced practice clinical experience. Nurse practitioner students will retake for a minimum total of nine credit hours. Allows for meeting the number of clinical practice clock hours required for national certification examinations.

NSC 830 Advanced Pharmacology. (3) A. Application of pharmacotherapeutic principles to the treatment and management of conditions within the scope of advanced nursing practice and frequently encountered in the rural primary health care setting.

NSC 832 Advanced Health Assessment. (3) A. Emphasis is on the advanced skills necessary for Advanced Practice nursing in assessing the health status of clients from across the life span. Diagnostic reasoning and systems approach will be emphasized.

NSC 834 Advanced Pathophysiology. (3) A. Application of advanced principles of pathophysiology to the diagnosis and treatment of conditions within the scope of advanced nursing practice and frequently encountered in the rural primary health care setting.

NSC 836 Advanced Health Promotion for APNs. (3) A. Emphasis on advanced skills of planning health promotion programs for client populations. Program planning principles are incorporated within the nursing process to address health concerns of the community.

NSC 838 Topics for Advanced Practice: _____. (1-6) A. Selected topics will be offered as appropriate for enhancement of advanced practice nursing role. May be retaken under different topics for a maximum of six credit hours.

NSC 840 Nursing Theory. (3) A. Provides a basic understanding of the process of theory construction and an appreciation of the role that theory plays in providing a scientific basis for nursing.

NSC 842 Advanced Nursing Practice Issues. (3) A. Analysis of professional issues and strategies, which can facilitate the development of the nursing profession. Consideration of selected variables influencing the development and resolution of issues.

NSC 844 Nursing Education I. (3) A. Analyze and critically evaluate curriculum and education theory utilized in nursing education, with an emphasis on curriculum development and teaching-learning theory.

NSC 846 Nursing Education II. (3) A. Prerequisite: NSC 844. Analyze and utilize teaching strategies, evaluation methods, and documentation methods for nursing education in classroom and clinical settings.

NSC 848 Nursing Education III. (3) A. Prerequisites: NSC 844 and 846. A synthesis of education theory, curriculum theory, teaching strategies, nursing faculty role development activities, and evaluation methods for nursing education in classroom and clinical settings.

NSC 850 Rural Health Nursing I. (4) A. Concepts, theories, specific challenges related to the delivery of health services in rural communities. In-depth assessment of complex rural systems.

NSC 852 Rural Health Nursing II. (4) A. Prerequisite: NSC 850. Innovations to address the health needs of vulnerable populations within rural communities. Role preparation for advanced practice nursing, including application of concepts and theories in rural settings.

NSC 860 Rural Nursing Administration. (3) A. Utilize administration and nursing theory to evaluate rural health care delivery systems and analyze nursing's role in these systems. Explore approaches to improve health care in rural settings.

NSC 862 Rural Health Internship. (4) A. Prerequisites: NSC 850 and 852. Internship allows the student to apply advanced knowledge and skills in implementing the role of an advanced practice rural health care nurse. Seminar promotes synthesis of rural health nursing knowledge.

NSC 870 Rural Health FNPI. (3) A. Prerequisites or Corequisites: NSC 830, 832, 834, 840 and HEA 855. Course provides theoretical and diagnostic knowledge necessary to confront problems relevant to the health care of individuals across the life span. Emphasis on health promotion, disease prevention and management of common health problems.

NSC 872 Rural Health FNP II. (3) A. Prerequisites: NSC 870 and NSC 834. Theoretical and diagnostic knowledge necessary to confront problems relevant to the health care of individuals across the life span. Emphasis on health promotion, disease prevention, and management of common health problems. Builds on NSC 870.

NSC 874 Rural Health FNP III. (3) A. Prerequisite: NSC 872. Theoretical and diagnostic knowledge necessary to confront problems relevant to the health care of individuals across the life span. Emphasis on health promotion, disease prevention and management of common health problems. Builds on NSC 872.

NSC 876 Rural Health FNP Internship. (6) A. Prerequisites: NSC 870, 872, 874, and nine hours of NSC 800. Course allows synthesis of theoretical and diagnostic knowledge in a concentrated rural primary care practicum. Emphasis on health promotion, disease prevention and management of common health problems in individuals and families across the life span.

NSC 880 Rural PMHNP I. (3) A. Prerequisites: NSC 830, 832, and 834. Methods and skills for comprehensive mental health assessments across the life span. Integrates bio-psycho-social, nursing, and family theories. Standardized assessment tools commonly used in psychiatric mental health settings are introduced.

NSC 882 Rural PMHNP II. (3) A. Prerequisite: NSC 880. Pharmacological and non-pharmacological interventions for acute and chronic illness across the life span. Builds on NSC 880.

NSC 884 Rural PMHNP III. (3) A. Prerequisite: NSC 882. Integrate and synthesize knowledge and strategies for health promotion, health maintenance, and disease prevention for the client/family/community. Acquire skills in conducting risk analysis and assessment of environmental factors. Builds on NSC 882.

NSC 886 Rural PMHNP Internship. (6) A. Prerequisite: NSC 884. Synthesis of theoretical and diagnostic knowledge in a concentrated rural community mental health practicum serving a culturally diverse population. Emphasis on health promotion, disease prevention, and health maintenance relevant to mental health and health indicators.

NSC 890 Research in Rural Nursing. (3) A. Prerequisite: NSC 840. Analysis and critical evaluation of nursing and related research with emphasis on designs and methods appropriate for rural health nursing phenomena.

NSC 892 Research Project. (3) A. Prerequisite: NSC 890. Completion of a research project in an area of interest related to rural health nursing, which culminates in a written report.

NSC 895 Independent Study in Nursing. (1-6) A. May be retaken under different subtopics to a cumulative maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

OHO—Ornamental Horticulture

Michael Judge, Interim Chair

OHO 807 Advanced Technical Study in Horticulture Problems. (1-3) A. Prerequisite: advisor/departmental chair approval. Independent work, workshop, special topics, research problems, or seminars. May be retaken to a maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

OTS—Occupational Therapy

Dr. Onda Bennett, Chair

OTS 715 Early Childhood Sensorimotor Development. (3) A. Prerequisite: education major or degree or instructor's approval. Provides an overview of normal sensorimotor development in infants and young children. Includes contrasting normal/abnormal development and application of appropriate developmental tasks. Laboratory experiences will be provided.

OTS 720 Providing Health Services in Appalachia. (3) A. Prerequisite: consent of the instructor. An overview of development and delivery of health care services in Appalachia. Examination of relevant current and historical factors, which have an impact on the health of the Appalachian people.

OTS 730 OT in Early Childhood Programs. (3) A. Prerequisite: OTS 352 or equivalent, or graduate occupational therapy student. Course is designed to acquaint students with early intervention and preschool environments, and the role of occupational therapy in these environments.

OTS 731 Occupational Therapy Services in the School System. (3) A. Prerequisite: OTS 352, OTS 353 or equivalent or graduate occupational therapy student. In-depth study of school-based occupational therapy. Theories, principles, models of practice, and methods of occupational therapy delivery of services for students experiencing dysfunction in educational performance, within the context of state and federal laws.

OTS 802 Constructs of Occupation. (6) A. Prerequisite: admission into the Occupational Therapy graduate program. Analysis and synthesis of occupational constructs and contexts using anatomy, neuroscience, and personal construction through the lifespan. Content includes engagement in areas of occupation.

OTS 812 Concepts in Occupation Based Practice. (3) A. Prerequisite: OTS 802. Overview of primary concepts related to occupational assessment, intervention, and documentation. Use of problem solving methods, observation and interview in occupation-based practice. Community experience in service settings.

OTS 814 Health Care Systems and OT Services. (3) A. Prerequisite: OTS 802. An overview of the history of the development of health care systems and occupational therapy services. Case studies provide an in-depth discussion of the ethical and advocacy issues facing today's practitioner.

OTS 820 OBP I: Fundamentals. (4) A. Corequisite: OTS 821. Foundational knowledge in occupation based practice. Assessment and intervention skills necessary to provide occupational therapy services. Course themes are occupational therapy philosophy, theory, context, process, and reasoning. Active learning experience in the community.

OTS 821 Practice Seminar I. (2) A.

Corequisites: OTS 820 and OTS 822. Integration of occupation-based practice through reflection on curriculum themes, participation in a continuum of community learning experiences, exploration of Level II Fieldwork and development of a professional student portfolio.

OTS 822 OBP II: Health Systems. (4) A.

Corequisite: OTS 821. Theories, principles and methods of evaluation, intervention and outcome processes for individuals accessing health systems. Course will focus on engagement in occupation to support participation in life roles across the lifespan.

OTS 825 Technology and Rehabilitation. (3) A.

Prerequisite: undergraduate course in computers, computer literacy, OTS 425 or instructor approval. Advanced exploration of occupational therapy knowledge and skill about assistive technology. Emphasis on application and use of assistive technology to enhance occupational performance of individuals with disabilities.

OTS 830 OBP III: Educational Systems. (3) A.

Prerequisites: OTS 820 and OTS 822. Corequisite: OTS 831. Occupation-based assessment and intervention for children and young adults in educational contexts. Course addresses models of practice, service delivery, federal/state legislation and philosophy of administration. Active learning experiences in the community.

OTS 831 Practice Seminar II. (2) A.

Corequisites: OTS 830 and OTS 832. Integration of occupation-based practice through reflection on curriculum themes, participation in community-based learning in educational and social settings, preparation for Level II Fieldwork and ongoing development of a portfolio.

OTS 832 OBP IV: Social Systems. (4) A.

Corequisite: OTS 831. Theories, principles and methods of evaluation, intervention and outcome processes for individuals and groups assessing social systems through the lifespan. Course will focus on engagement in occupation for community participation.

OTS 834 Advanced Dimensions OBP V. (3) A.

Prerequisite: permission of department. Advanced conceptualization and synthesis of Occupational Science and existing models of Occupational Therapy for practice. Includes analysis and application of occupation-based practice and evidence within specialty areas.

OTS 835 Occupational Therapy Intervention in the Workplace. (3) I, II, A.

Prerequisite: undergraduate degree in occupational therapy or departmental approval. Exploration of the direct and indirect service roles and functions of the occupational therapist in the workplace. Emphasis will be on the work-related behaviors and environmental assessments for health promotion, prevention and work adjustment.

OTS 845 Health Systems Fieldwork. (6) A.

Prerequisite: OTS 831. Equivalent of twelve weeks of supervised experience in providing occupation-based evaluation and intervention in health systems. Course includes on-line reflective seminar.

OTS 846 Professional Fieldwork I. (5) A.

Corequisite: OTS 861. Equivalent of ten-week community experience in a current or emerging setting providing opportunity to refine practice skills, participate in professional service, and scholarly activities.

OTS 847 Professional Fieldwork II. (2) A.

Corequisite: OTS 871. Equivalent of a two-week experience in current or emerging setting(s) providing opportunity to participate in and disseminate professional service and scholarly contributions.

OTS 850 Planning and Managing in OT Practice. (3) A.

An OT perspective of management including: organizational theory, strategic planning, leadership, formulating decisions, consultation, political advocacy, health and social policy.

Development of practice models including program evaluation based on agency, systems or community needs.

OTS 851 Strategic Communication in Occupational Therapy. (3) A. Prerequisite: undergraduate/graduate course in administration or consent of instructor. Study of change theory and factors affecting communication in practice settings.

OTS 852 OT Services in Mental Health Settings. (3) A. Prerequisite: undergraduate degree in occupational therapy or departmental approval. Examination of external forces influencing mental health services and models of occupational therapy service delivery, emphasizing community-based and rural health programs.

OTS 855 The Role of OT & the Aging Adult. (3) A. Prerequisite: undergraduate degree in occupational therapy or departmental approval. Advanced study of occupational therapy's role in delivering services to the aging adult in emerging/innovative programming. Identification and analysis of factors which promote/hinder quality of life.

OTS 861 Professional Seminar I. (2) A. Prerequisite: OTS 845. Students develop scholarly contributions along selected lines of inquiry in reflective learning communities, plan self-directed Level II experience and begin development of professional portfolios.

OTS 862 Therapeutic Modalities in OT Practice. (3) A.

Address occupational therapy theoretical principles, neurophysiological and electrophysical changes that occur as a result of the application of selected physical and electrical modalities. Students will develop skill in the application of these modalities.

OTS 863 Occupation and Sensory Processing. (3) A.

Understanding the impact of sensory processing disorders on occupational nature will enable students to provide appropriate intervention. Occupational adaptation and sensory integrative theories will be applied as conceptual frameworks for occupational therapy intervention.

OTS 866 OT & Behavior Disorders in Schools. (3) A. Prerequisite: undergraduate degree in occupational therapy or departmental approval. Examination and application of occupational therapy theoretical models used in evaluation and intervention for this population and the external systems affecting service delivery.

OTS 870 Professional Trends and Issues in OT. (3) A.

Trends and issues impacting the occupational therapy profession. Advancement of professional roles of consultant, entrepreneur, educator, leader and researcher.

OTS 871 Professional Seminar II. (1) A.

Prerequisite: OTS 861. Students assume leadership in learning community projects and seminars, disseminate scholarly contribution, complete professional portfolios and prepare for entry into the profession.

OTS 875 Special Topics: _____. (3) A.

Prerequisite: undergraduate degree in occupational therapy or departmental approval. May be retaken under different subtopics to a cumulative maximum of six hours. Advanced study of selected topics in occupational therapy practice.

OTS 880 Research in Occupational Therapy. (3) I, II, A.

Prerequisite: undergraduate or graduate course in statistics (STA 270 or STA 271 or PSY 291 or STA 700). Exploration, critical analysis and application of research and evidence-based practice in occupational therapy. Emphasis on preparation and implementation of a research study.

OTS 882 Advanced Occupational Science. (3) A.

Exploration of occupational science as a disciplinary knowledge base and of occupation and activity as the central concepts of occupational therapy. Emphasis on preparation for teaching and research related to occupation.

OTS 890 Independent Study in OT. (3) I, II, A.

Prerequisite: advisor/departmental approval. Student initiated directed study. Regular consultation with faculty supervisor and final paper required. May be retaken under different subtopics to a cumulative maximum of six hours. Approval of independent study proposal by faculty supervisor and department chair must occur prior to enrollment.

OTS 895 Special Project Proposal in OT. (3) I, II, A.

Prerequisites: OTS 800 and OTS 880. Development of special project proposal in a specific area of practice in occupational therapy. Student must have proposal form approved by instructor and department chair prior to enrollment.

OTS 896 Special Project in Occupational Therapy. (3) A.

Prerequisite or Corequisite: OTS 895. Completion of a major investigative project in a specific area of practice of occupational therapy. Major paper required. Student must have the project form approved by instructor and department chair prior to enrollment.

OTS 898 Thesis I. (3) I, II, A.

Proposal development leading to thesis as directed by chair of thesis committee.

OTS 899 Thesis II. (3) A. Research leading to thesis as directed by chair of thesis committee.

OTS 899-C Thesis/Project Continuation. (1-3) I, II, A.

Prerequisite: advisor/departmental approval. Continuation of research leading to thesis/special project as directed by the chair of student's committee. May be retaken as necessary to complete research. May not be used to satisfy degree program requirements.

**PHE—Physical Education
Dr. Lonnie Davis, Chair****PHE 762 Adapted Physical Activity. (3) I, II.**

Principles and practices of adapted physical education emphasizing the physical activity needs of people with disabilities. Emphasis will be placed on the importance of physical activity, recent legislation, assessments, individual education plans, and adapting activities.

PHE 775 Tests and Measurements in Physical Education. (3) I, II.

Administration and scoring of tests, evaluation and use of results obtained.

PHE 790 Special Topics in Physical Education. (1-4) A.

Study of various topics in physical education and sport selected to meet special student needs and interests. May be retaken to a maximum of six hours with advisor's approval provided subtitle is different.

PHE 800 Research Methods in Health/Physical Education/Recreation. (3) I.

Application of research methods to health/physical education/recreation with emphasis on consumption of research, methods of research, and tools and instrumentation for research in health/physical education/recreation.

PHE 812 Lifetime Fitness and Wellness. (3) A.

Philosophical and factual basis for lifetime fitness for professional fitness leaders. Problem-solving and decision-making approaches to establish creative and effective programs.

PHE 814 Sport Marketing, Promotions, and Fund Raising. (3) I, A.

Marketing, promotion, and fund raising within the context of amateur and professional sport. An overview of sport business industry; theory; pricing, distribution, and promotional technique of sport; media relations; endorsement and sponsorships; and licensing.

PHE 821 Physiological Bases of Physical Fitness. (3) I.

Effects of chronic exercise on neuromuscular, cardiovascular, respiratory, and metabolic function.

PHE 822 Sociology of Sport. (3) II.

Meaning of sport in contemporary societies; relationship of selected social factors on development of social groups and attitudes in varying levels of sport; structure and function of sport in simple and complex social institutions.

PHE 823 Sport and Exercise Psychology.

(3) I. Formerly PHE 723. Scientific study of people and their behavior in sport and exercise contexts and the practical applications of that knowledge.

PHE 825 Policy and Governance of Sport.

(3) I, II. An in-depth study of major sport governing agencies including organizational structure, constitutions, policies, procedures, and membership requirements of sport agencies at the state, national, and international levels.

PHE 831 Laboratory Methods in Exercise Physiology. (3) II. Prerequisite: PHE 821 or instructor approval. Study, practice and applications of methods of calorimetry; anthropometry; measurement of muscular strength, muscular endurance and cardiovascular-respiratory endurance; analysis of expired air; and determination of reliability and validity.

PHE 833 Motor Development. (3) A.

Examination of physical activity as a factor in growth and development of children and adolescents. Including biological and behavioral science as the foundation for integrated study of physical growth, motor development, and physical activity.

PHE 835 Legal Issues in Sport. (3) II.

Principles and concepts of sport in contemporary society with primary emphasis on legal issues that relate to amateur sport.

PHE 839 Applied Learning in Physical Education, Sports Administration Option. (1-6) A. Prerequisites: departmental approval; must have been admitted to the Master of Science/Sports Administration option. Work under faculty and field supervisors in a cooperative placement related to student's academic studies. One to six hours credit per semester or summer. Six hours may count toward master's degree. A minimum of eighty hours work is required for each academic credit.

PHE 839 A-C Cooperative Study: Physical Education, Sports Administration Option. (1-6) A. Prerequisites: departmental approval; must have been admitted to the Master of Science/Sports Administration option. Work under faculty and field supervisors in a cooperative placement related to student's academic studies. One to six hours credit per semester or summer. Six hours may count toward master's degree. A minimum of eighty hours work is required for each academic credit.

PHE 848 History and Philosophy of Physical Education and Sport. (3) I, A. A study of organized physical activity of people in significant cultural epochs in history and the underlying philosophy that influenced these activities.

PHE 851 Facility Design and Maintenance in Physical Education. (3) I, A. Focus on fundamentals of facilities management: planning and design; funding and operating; modifying of facilities associated with physical education, recreation, and sport programs.

PHE 852 Motor Learning and Performance. (3) II. Behavioral aspects related to the theory of learning and performance of motor skills taught in school and non-school environments; factors affecting learning and performance are also investigated.

PHE 869 Organization and Administration of Athletics. (3) II. Administrative patterns for high school and college athletics; topics include programs, personnel, facilities, athletic organization consideration.

PHE 870 Internship in Sports Administration. (1-6) A. Supervised experience in selected aspects of sports in a sports administration setting. May be retaken to a maximum of six hours.

PHE 871 Internship: Exercise/Wellness. (1-6) A. Supervised experiences of selected aspects of wellness programming.

PHE 875 Seminar in Physical Education, Exercise, and Sport. (3) A. Research and discussion of critical questions in physical education; topics to be studied will vary according to the concerns of seminar students.

PHE 885 Independent Study. (1-3) A.

Designed for graduate students who have demonstrated the ability to conduct individual research relating to physical 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 three hours.

PHE 891 Issues in Physical Education, Exercise, and Sport. (3) A. Identification of critical issues arising from current problems; exploration of points of view and possible solutions.

PHE 895 Assessment in Physical Education. (3) II. Prerequisite: PHE 775 or instructor approval. Comparative statistics, construction of measurement instruments, and evaluation techniques applied to physical education.

PHE 897 Thesis. (3-6) A. For students preparing a thesis in partial fulfillment of the requirements for the master's degree programs. May be retaken to a maximum of six hours.

PHI—Philosophy
Dr. Ron Messerich, Chair

PHI 751 Classical and Medieval Theory. (3) A. Cross-listed as POL 751. Examination of Western political thought from Plato to Aquinas. Credit will not be awarded to students who have credit for POL 551 or POL 751.

PHI 752 Modern Political Theory. (3) A. Cross-listed as POL 752. Examination of Western political thought from the Renaissance to the mid-twentieth century. Credit will not be awarded to students who have credit for POL 552 or POL 752.

PHI 753 Contemporary Political Theory. (3) A. Cross-listed as POL 753. Examination of Western political thought from the mid-twentieth century to the present. Credit will not be awarded to students who have credit for POL 553 or POL 753.

PHY—Physics
TBA, Chair

PHY 702 Physical Options. (3) A. Prerequisite: PHY 202. Corequisite: MAT 224. Wave motion, interference, Fraunhofer and Fresnel diffraction, electromagnetic radiation, dispersion, polarization, double refraction, lasers, holography.

PHY 706 Physics for High School Teachers. (3) A. Prerequisites: one year of college physics and instructor approval. Credit given toward major or minor only in teaching programs. Topics from general and modern physics to prepare teachers to teach high school physics and give classroom demonstrations. 3 Lec/3 Lab.

PHY 710 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 differs each time. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

PHY 720 Electricity and Magnetism. (4) A. Prerequisites: PHY 202 and MAT 225. Electrostatics in vacuum and dielectrics, solutions of Laplace's and Poisson's equations, magnetic fields, induced emf's, magnetic materials, and Maxwell's equation.

PHY 758 Classical Mechanics I. (3) A. Prerequisite: PHY 202. Prerequisite/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.

PHY 759 Classical Mechanics II. (3) A. Prerequisite: PHY 558 or 758. Continuation of PHY 758. Topics include many-bodied systems, rigid bodies, Lagrangian and Hamiltonian mechanics, coupled harmonic oscillators, wave motion.

PHY 770 Quantum Mechanics. (3) A.

Prerequisite: PHY 758. Basic principles of wave mechanics, solutions of Schrodinger wave equation for simple systems, interpretation of solutions and application to atomic and molecular problems.

PHY 806 Selected Topics in Physics for Secondary Teachers. (3) A. Prerequisite: secondary certification in physics. Study of topics in physics selected from the following fields: mechanics, thermodynamics, sound, electricity, magnetism, optics, and modern physics. Selection will depend upon the need of the student. 2 Lec/3 Lab.

PHY 808 Selected Topics in Physical Science for Secondary Teachers. (1-6) A. Restricted to physical science teachers not certified in physics. Study of problems in science relevant to secondary physical science. May be retaken to a maximum of six hours.

PHY 809 Workshops in Physics for Teachers. (1-3) A. This course is designed for summer workshops for science teachers needing further work on content or techniques in teaching physics. Different workshops may be repeated for up to six hours credit.

PHY 880 Special Topics in Physics. (1-3) A. Specially assigned theoretical or experimental work on topics not covered in other courses.

PHY 881 Selected Topics. (1-3) A. Prerequisite: instructor approval. Selected topics not normally presented that may be of interest to groups of certain students will be presented. May be retaken to a maximum of three hours.

POL—Political Science
Dr. JoAnn Ewalt, Interim Chair

POL 717 Politics and Social Change. (3) A. Comparative study of politics in present and past societies to consider the relationship between politics, political change and broader social change. Emphasis on political phenomena especially suited to comparative study.

POL 721 Contemporary International Relations. (3) A. Systematic analysis of major contemporary theories and approaches to the study of international politics and foreign policy.

POL 725 Problems in International Relations. (3) A. Explores major problems in international relations. Covers various areas of the world with reference to significant factors and problems of the people.

POL 733 Seminar in State and Local Politics. (3) A. Prerequisite: POL 101 or instructor approval. A topical analysis of the institutions, policies, and administration of American state and local government. May be retaken to a total of six credit hours, provided subject matter differs each time.

POL 741 Politics and Education. (3) A. An examination of the way political decisions and policies are made in the field of education. Special attention is given to educational decision makers and political power at the local level.

POL 751 Classical and Medieval Political Theory. (3) A. Cross-listed as PHI 751. Examination of Western political thought from Plato to Aquinas. Credit will not be awarded to students who have credit for PHI 551 or PHI 751.

POL 752 Modern Political Theory. (3) A. Cross-listed as PHI 752. Examination of Western political thought from the Renaissance to the mid-twentieth century. Credit will not be awarded to students who have credit for PHI 552 or PHI 752.

POL 753 Contemporary Political Theory. (3) A. Cross-listed as PHI 753. Examination of Western political thought from mid-twentieth century to the present. Credit will not be awarded to students who have credit for PHI 553 or PHI 753.

POL 765 Administrative Law. (3) A. Nature of the powers vested in administrative agencies; the problems of administration procedure; the methods and extent of judicial control over administrative action.

POL 800 Research Methods. (3) A. An introduction and an overview of theories, methods, and analyses which are used in contemporary political science and public administration research.

POL 801 Administration, Ethics, and Public Policy. (3) A. An analysis and overview of the interplay of ethical considerations, administration, and policy process in the public sector.

POL 810 Seminar in Comparative Politics: _____. (3) A. Selected topics in the comparative study of politics. May be retaken to a maximum of six credit hours provided topics vary.

POL 820 Seminar in International Relations. (3) A. Study of selected topics in international administration, international organization, international politics and foreign policy.

POL 835 Seminar in Intergovernmental Relations. (3) A. An examination of the institutions, concepts, and problems of intergovernmental relations and the American federal system.

POL 839 Applied Learning in Public Administration and Political Science. (1-6) A. Prerequisite: departmental approval. Work under faculty and field supervisors in cooperative placement related to student's academic studies. Credit varies with hours of employment. A minimum of eighty hours of work required for each academic credit. May be repeated at the discretion of the department. Credit may be substituted for POL 871 in the M.P.A program provided the requirements of POL 871 are met completely by the cooperative education assignment. Credit may not otherwise be substituted for any M.A. or M.P.A requirements.

POL 839 A-C Cooperative Study: Public Administration and Political Science. (1-6) A. Prerequisite: departmental approval. Work under faculty and field supervisors in cooperative placement related to student's academic studies. Credit varies with hours of employment. A minimum of eighty hours of work required for each academic credit. May be repeated at the discretion of the department. Credit may be substituted for POL 871 in the M.P.A program provided the requirements of POL 871 are met completely by the cooperative education assignment. Credit may not otherwise be substituted for any M.A. or M.P.A requirements.

POL 843 Seminar in American Political Process. (3) A. Systematic analysis of executive-legislative relationships in the American national political process.

POL 845 Community Development. (3) A. Examines developmental efforts on community level in the United States; relates community development to community organization and examines current efforts, especially those based on the concept of self-help, to generate and implement community development programs.

POL 846 Non-Profit Organizations. (3) A. Study of non-profit organizations, including an examination of types, leadership styles, management tools, board organization, budgeting and fundraising.

POL 847 Strategic Planning and Grant Writing. (3) A. The study of strategic planning processes and the techniques of grant writing as they apply to the public and non-profit sector. Focus on federal and foundation grants.

POL 853 Seminar in Political Theory. (3) A. Examination of major contemporary approaches to understanding and evaluating political phenomena. Authors to be examined may include: Hannah Ahrendt, Arnold Brecht, David Easton, Juergen Habermas, Edmund Husserl, Robert Nozick, John Rawls, Leo Strauss and Eric Voegelin.

POL 863 Seminar in Public Law. (3) A. Prerequisite: instructor approval. Study in depth of selected problems in public law.

POL 871 Field Study in Public Administration. (3-6) A. Prerequisite: departmental approval. An experientially based research project for M.P.A. students under departmental supervision in a public sector field setting. May be retaken to a maximum of six credit hours.

POL 875 Public Sector Organizations and Management. (3) A. Study of organizational theory and management as applied to government agencies and other not-for-profit organizations. Topics covered include theoretical modeling, research on organizational behavior, and managerial strategy and technique.

POL 876 Public Human Resources Management. (3) A. Study of strategies and techniques of public human resources management in the public sector and their relationship to pertinent laws, policies, and institutions, in the context of contemporary theories of organizational behavior.

POL 877 Public Finance Administration. (3) A. An examination of the effects of economic, administrative, legislative and judicial factors on the fiscal operations of government. Study of the budgetary and financial decision-making process at the federal, state and local levels.

POL 878 Applied Research in Political Science. (3) A. Prerequisite: POL 800. The theory process and techniques used to conduct and present applied empirical research in political science.

POL 879 Policy Analysis and Program Evaluation. (3) A. Prerequisite: POL 800. An introduction to theories and methods of analysis relating to public policy and public program formulation, implementation, and evaluation. Topics include quantitative and non-quantitative analytical techniques.

POL 891 Directed Research. (3-6) A. Research under the direct supervision of one or more departmental members. May be retaken to a total of six hours credit. Students must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment.

POL 893 Special Topics: _____. (1-3) A. Seminar in a specialized topic of the discipline. Topics will vary. May be retaken to a total of six hours credit, provided subject matter differs each time.

POL 895 Independent Study. (1-3) A. Student-initiated directed study. Can include research project or readings in an area of the discipline. May be retaken to a total of six hours credit, provided subject matter differs each time. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

POL 899 Thesis. (3-6) A. May be retaken to a total of six hours credit.

POR—Portuguese
Dr. Jose Varela, Chair

POR 701 Accelerated Elementary Portuguese I. (3) A. Prerequisite: upper division standing and 202 level or equivalent of another foreign language. Fundamentals of the Portuguese language taught in a cultural context.

POR 702 Accelerated Elementary Portuguese II. (3) A. Prerequisite: POR 701 or equivalent proficiency in Portuguese. Composition, conversation, and reading in Luso-Brazilian studies.

POR 795 Independent Work in Portuguese. (1-3) A. Prerequisite: POR 702 or equivalent with department chair approval. Independent study in either language or literature on a subject of special need or interest to the advanced student. May be retaken to a maximum of six hours provided the subject matter is different. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

PSY—Psychology
Dr. Robert Brubaker, Acting Chair

PSY 790 Tests and Measurements. (3) A. Prerequisite: PSY 200 or departmental approval. Study of measurement principles with application in psychology, business, industry, and government. Interpretation, use, and evaluation of measurement and job analysis methods. Reliability, validity, utility, ethical/legal concerns are examined.

PSY 797 Advanced Topics in Psychology: _____. (3) A. Prerequisite: PSY 200 or departmental approval. Selected topics for advanced study. Variable topics across semester in terms of student interest and available faculty. May be retaken provided the subject matter differs each time.

PSY 820 Statistics and Research Design I. (3) A. Prerequisites: PSY 291 and 301 or equivalent with departmental approval. Principles and techniques of scientific observation, control, and analysis specifically oriented to research in psychology. Evaluation of research designs and their implementation in professional settings. Emphasis on univariate statistical analyses.

PSY 824 Intellectual Assessment. (3) A. Prerequisite: departmental approval. Techniques, principles and problems in the administration, scoring, interpretation, and reporting of individual tests of intelligence for children and adults.

PSY 825 Personality Assessment. (3) A. Prerequisite: departmental approval. Techniques, principles and problems of evaluating personality via interviews, objective and projective testing. Emphasis on integration of results.

PSY 826 Professional Concerns I. (1) A. Prerequisite: departmental approval. Consideration of ethical and related problems of psychologists.

PSY 827 Topics in Assessment. (1) A. Prerequisite: departmental approval. Administering, scoring, and interpreting instruments in the area of vocational interest, adolescent personality, adaptive behavior, and individual academic assessment. Emphasis is on application in school and clinical settings.

PSY 828 Professional Concerns II. (2) I. Prerequisite: departmental approval. Consideration of professional issues related to the practice of counseling. The course will cover the history, organizational structure, ethics, standards, and credentialing of professional counselors.

PSY 837 Social Psychology and Cultural Diversity. (3) A. Prerequisite: departmental approval. Graduate level survey of topics in social psychology including social influence, persuasion, social cognition, self-justification, aggression and prejudice. Emphasis on multi-cultural diversity and tolerance of other groups.

PSY 840 Cognitive Bases of Behavior. (3) A. Prerequisite: departmental approval. Broad survey of findings in the areas of learning and conditioning, memory and cognitive processes.

PSY 841 Psychopathology. (3) A. Prerequisite: departmental approval. Etiology and description of various aspects of psychopathology and ineffective behavior. Credit will not be awarded to students who have credit for COU 855.

PSY 843 Practicum. (1-3) A. Prerequisite: departmental approval. Supervised practice in applied settings. Selective participation with an assigned agency varies with the student's program; with level of preparation in course work, and with previous supervised field experience. Class meetings as arranged. May be retaken to a maximum of eleven credit hours. Graded Satisfactory - Unsatisfactory.

PSY 845 Clinical Issues and the Deaf. (3) A. Prerequisite: departmental approval. Survey of clinical issues involved in providing mental health services to the deaf and hard-of-hearing. Topics will include the prevalence and nature of psychological problems among the deaf and hard-of-hearing, ethical and professional concerns, the interface between mental health and other services, and psychological assessment and therapy issues and strategies.

PSY 848 Introduction to School Psychology. (3) A. Prerequisite: departmental approval. Theory observation, and supervised practice in the role of school psychologist. Includes systems analysis, the consultation process, and interprofessional relationships. Intervention skills appropriate for dealing with those problems.

PSY 850 Psychotherapy and Behavior Change I: Basic Techniques. (3) A. Prerequisite: PSY 841 or departmental approval. A didactic and experiential introduction to the theories and techniques acilitative of personal growth and behavior change.

PSY 853 Biological Bases of Behavior. (3) A. Prerequisite: departmental approval. A survey of the principles, research and methodology of psychophysiology, including consideration of the autonomic correlates of emotion and arousal, biofeedback, psychosomatic diseases, and psychophysiological correlates of psychopathology.

PSY 857 Interventions with Children and Families. (3) A. Prerequisite: departmental approval. Interventions procedures for a variety of problems of school-age children are reviewed. Emphasis is placed on developing individual and group intervention skills for assisting children and their families.

PSY 860 Psychotherapy and Behavior Change II: Advanced Techniques and Theories. (3) A. Prerequisite: PSY 850 or departmental approval. The in-depth study of techniques selected from those presented in PSY 850. Emphasis will be placed on developing proficiency in such skills and techniques.

PSY 862 Statistics and Research Design II. (3) A. Prerequisite: PSY 820 or equivalent with department approval. Principles and techniques of scientific observation, control, and analysis, specifically oriented to multivariate research in psychology. Evaluation of research designs and their implementation in professional settings.

PSY 865 Psychological Consultation. (3) A. Prerequisite: departmental approval. Exploration of the theoretical and empirical underpinnings of psychological consultation process, and supervised practice in the provision of indirect psychological services.

PSY 868 Program Evaluation in the Social and Behavioral Sciences. (3) A. Prerequisite: PSY 820 or 862 or equivalent with departmental approval. Survey and application of program evaluation theory, designs, implementations and problems. Emphasis on preparing students to design and implement program evaluations of social, educational and organizational programs.

PSY 870 Cognition in the Workplace. (3) A. Prerequisite: departmental approval. Graduate level survey of theories and research in cognition, with a focus on applications to industrial and organizational psychology.

PSY 871 Group and Family Therapy. (3) A. Prerequisite: departmental approval. Theory and techniques of group and family therapy. Emphasis will be placed on developing and applying intervention skills.

PSY 872 Selection and Performance Appraisal. (3) A. Prerequisite: PSY 790 or departmental approval. Psychological theory, research, and practice pertaining to the selection and appraisal of human resources in the workplace.

PSY 873 Organizational Psychology. (3) A. Prerequisite: departmental approval. Examination of research, theory, and applications in organizational psychology. Topics include commitment, involvement, satisfaction, power, conflict, motivation, leadership, quality of worklife, group/team processes, and organizational structure.

PSY 874 Organization Change and Development. (3) A. Prerequisite: departmental approval. Analysis of psychological theory, research and practice pertaining to organization change and development including the change process, culture, interventions, evaluation, consulting, and legal/ethical concerns.

PSY 875 Training and Development. (3) A. Prerequisite: departmental approval. Graduate level survey of psychological theory, research, and practice utilized in the training and development of human resources in the workplace.

PSY 880 Work Environments. (3) A. Prerequisite: departmental approval. Seminar examining the ways in which workers are influenced by the physical environment. Topics will include lighting, noise, temperature, aesthetics, privacy, crowding, territoriality, human factors, and ergonomics.

PSY 890 Thesis Research. (1-6) A. Prerequisite: departmental approval. Experimental investigation of a selected topic, including preparation of a formal report. May be retaken to a maximum of twelve hours. Graded Satisfactory/Unsatisfactory. A minimum of 1200 hours of work is required for the total twelve hours credit awarded.

PSY 898 Internship in School Psychology. (3-6) A. Prerequisite: advisor approval. Intensive supervised experience in approved educational setting. May be retaken to a maximum of twelve hours. Graded Satisfactory/Unsatisfactory. A minimum of 1200 hours of work is required for the total twelve hours credit awarded.

PSY 899A, B Internship in Clinical Psychology. (6) A. Prerequisite: advisor approval. Intensive supervised experience in approved clinical setting. May be retaken to a maximum of twelve hours. Graded Satisfactory/Unsatisfactory. A minimum of 480 hours of work is required.

PUB—Public Relations
Dr. Maureen Everett, Chair

PUB 720 Public Relations Practices in Management. (3) A. A study of the role of public relations in benefiting organizational management. This includes coordinating organizational goals with those of customers, clients, members or other related entities in corporate, government, non-profit and trade association meetings.

PUB 730 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.

QMB—Quantitative Management
Dr. Jessica Johnson Frazier, Chair

QMB 850 Business Forecasting. (3) A. Prerequisite: QMB 200 or equivalent with a grade of "B" or better. This course discusses the role of forecasting for decision making utilizing statistical software packages in the estimation of multiple regression and time series methods of business forecasting.

QMB 854 Topics in Quantitative Methods. (3) A. Prerequisite: QMB 850. Study of quantitative methods in the various functional areas of business: accounting, computer information systems, finance, management, and marketing. May be retaken to a maximum of six hours provided the topics are different.

REC—Recreation
Dr. Charles Everett, Acting Chair

REC 711 Therapeutic Recreation Practices and Services. (3) II. Interventions and utilization of terminology. Apply leadership skills, assistive technology, and programming applications. 2 Lec/2 Lab.

REC 712 Management of Therapeutic Recreation. (3) I. Prerequisite: for majors only. Management concepts applied to delivering therapeutic recreation services, and includes: documentation, activity analysis, assessment, liability, legislation and standards of practice.

REC 716 Outdoor Education. (3) I. Designed to explore issues in outdoor education, teaching methods, programs and evaluation. The role of interpretation in enhancing visitor experiences and protecting natural resources will be discussed.

REC 730 Park Management. (3) II. Park purposes and operations with an emphasis on natural resources and visitor management. Concentration on design, resource conservation and preservation, public relations, park policies.

REC 790 Special Topics: _____. (1-3) A. Identification and study of specialized techniques in recreation leadership, activities skills, operational methods, and services. May be retaken under different subtitle.

REC 809 Advanced Study in Recreation. (1-3) A. Prerequisite: PHE 800. Directed study of topics in recreation and leisure. An advanced study project and individual meetings with instructor are required. An advanced study proposal form must be approved prior to enrollment.

REC 815 Practicum in Recreation. (1-3) A. Prerequisite: department chair approval. Supervised practical work experience in a clinical or administrative setting.

REC 825 Philosophy of Recreation and Leisure. (3) I. Examination of recreation theory and practice from both research and empirical bases. Significance of leisure and recreation for the individual and society. Recreation's future in a changing cultural milieu.

REC 840 Administrative Processes and Practices. (3) II. Principles and concepts of administration, in-depth investigation of budgeting, policy formulation, and legislative provisions.

REC 850 Recreation & Tourism Marketing. (3) I, II. The purpose of this course is to provide the student with an in-depth understanding of marketing in the public and commercial recreation sectors, parks, and leisure services.

REC 870 Rec Therapy Quality Assurance. (3) I, II. Examine the components of quality assurance and techniques for evaluation related to programs, management, and patient outcomes in therapeutic recreation settings.

REC 871 Therapeutic Recreation Administration. (3) I, II. Understand the characteristics of management, administrative management, as related to human services in therapeutic recreation.

REC 890 Independent Study in REC. (1-3) I, II, A. Student initiated directed study for the purpose of conducting research and examining issues in park, recreation, and leisure services. Student must have the independent study proposal form approved by the graduate program director and chair prior to enrollment. May be taken to a maximum of three hours.

REC 897 Thesis. (6) A. Designed for students preparing a thesis in partial fulfillment of the requirements for the master's degree program.

RST—Real Estate
Dr. Jessica Johnson Frazier, Chair

RST 890 Special Problems in Contemporary Real Estate. (3) A. Prerequisite: ECO 854. An individual study which would form the basis of a major research paper. May be retaken under different subtopics to a cumulative maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

SED—Special Education
Dr. Kathryn Polmanteer, Acting Chair

SED 707 Problems in Special Education: _____. (1-3) A. School related work, special workshops, special seminars. May be retaken with different descriptions. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

SED 710 Assessment, Curriculum, and Methods in Content Areas for the Deaf and Hard of Hearing. (3) A. Prerequisites: ELE 550 and SED 581 or instructor approval. Design, implementation, and evaluation of HI-IEPs including reading, mathematics, science, social studies, physical education, music, speech language, aural rehabilitation, early childhood, career education, and educational media.

SED 712 Computer Technology with Exceptional Populations. (3) I. Prerequisites: completed College of Education computer literacy requirement and introductory course in special education, or instructor approval. Educational applications of computer technology with handicapped individuals, infants through adult. Identification, evaluation, and operation of software, hardware, and adaptive devices in accordance with ethical practices. (Lec/Lab)

SED 718 Survey of Special Education in Early Childhood. (3) I, II. Prerequisites: SED 104 or SED 775, SED 260, or instructor approval. Overview of history, philosophy, legislation and services for young children (0-5) at-risk for or with disabilities, including impact and intervention across developmental domains.

SED 722 Language Disorders of Students with Disabilities. (3) A. Overview of language development and related speech and language disorders including introduction to intervention methodology.

SED 741 School Services in Communication Disorders. (3) II. Prerequisites: admission to teacher education, overall 2.8 GPA, and SED 273, 373, 374, and 464; or departmental approval. Organization and management of speech-language therapy services in the schools. (Lec/Lab)

SED 745 Program and Personnel Management. (3) I, A. Prerequisite: teacher certification. Corequisite for undergraduates: SED 375. Scheduling and management of systematic instruction, inclusion, transdisciplinary services, and transition activities. Working with parents, paraprofessionals, and professionals. Collaboration strategies, professional development skills, and records management.

SED 771 Neural Bases of Communication. (3) I. A study of neuroanatomic and neurophysiologic bases of communication including developmental issues and neurologic deficits resulting in communication disorders.

SED 772 Speech and Hearing Science. (3) II. Study of the physics of sound, acoustic characteristics and processes, perceptual correlates, production of speech, and psychophysical processes of communication. Software applications and instrumentation are also covered.

SED 774 Field Experiences with Exceptional Learners. (3) A. Prerequisite: departmental approval. A practical experience with exceptional individuals. Emphasis is directed at behavior management, educational assessment, and IEP/IFSP.

SED 775 Nature and Needs of Exceptional Students. (3) A. Overview of special education including characteristics, definitions, programming, and supporting research. Open to non-majors.

SED 776 Introduction to Special Education Assessment. (3) A. Prerequisite: SED 775 or instructor approval. Principles of tests and measurement. Test administration, scoring, and interpretation applied to exceptional children. Assessment related to interdisciplinary teams.

SED 777 Dual Sensory Impairments and Communication. (3) II, A. Prerequisites: SED 260 (or 522/722), 304, and 353/352 (teacher certification for SED 777), or instructor approval. Assessment, planning, and instruction for students with dual sensory impairments and severe cognitive disabilities. Augmentative and alternative communication

methods, materials, and devices. Milieu language strategies, symbolic and nonsymbolic communication in natural environments and daily activities.

SED 778 Behavior Disorders. (3) A. Prerequisite: SED 775 or instructor approval. Behavior disorders and emotional disturbances as an educational, psychological, and sociological phenomenon. Definitions, characteristics, theoretical foundations, and programmatic approaches.

SED 779 Learning Disabilities. (3) A. Prerequisite: SED 775 or instructor approval. Definition and assessment of learning disabilities. Emphasis on theories related to specific teaching methodologies.

SED 781 Speech for the Deaf and Hard of Hearing. (3) A. Prerequisite: SED 260 or instructor approval. Phonological development, acoustic aspects, anatomy of speech mechanisms, phonetic transcription, developing speech readiness, voice quality, articulation, rhythm, phrasing, accent, fluency, effects of hearing loss on speech, speech reading, auditory training.

SED 790 Applied Behavior Analysis. (3) A. Prerequisite: SED 775 or instructor approval. Behavior analysis applied to classroom and instructional management. Data collection, intervention procedures, and evaluation of behavior change.

SED 791 Instruction of Secondary Learning and Behavior Disordered Students. (3) A. Prerequisite: SED 775 or instructor approval. Problems of students with learning and behavior disorders in secondary school settings. Programming and instructional alternatives for secondary level education. Planning for transition to work and community.

SED 793 Teaching Students with Learning and Behavior Disorders. (3) A. Prerequisites: SED 775, 776, 778 or 779, or instructor approval. Individual education programs for LBD students, based on assessment information and in accordance with legal mandates and regulations.

SED 800 Exceptional Learners in the Regular Classroom. (3) A. Open only to non LBD, MSD, and DHH majors. Characteristics of mainstreamed students, identification procedures, and instructional strategies. Salient features of PL94-142, IEP, roles and responsibilities of regular educators.

SED 801 Advanced Early Childhood Assessment. (3) A. Identification and diagnostic procedures of development delay and at-risk conditions in infants, toddlers, and preschoolers. Continuous assessment of children's developmental, instructional, behavioral, and environmental needs; evaluation of effectiveness of services and family involvement.

SED 802 Advanced Early Childhood Intervention Programming. (3) A. Advanced curriculum and program development for infants, toddlers, and preschoolers in school centers or home settings, including collaboration with families and professionals, continuous assessment, and program evaluation.

SED 803 Advanced Special Education Assessment. (3) A. Prerequisite: provisional certification in special education or departmental permission. Evaluation of educational, perceptual, conceptual, social, and psychological characteristics of exceptional individuals. Interpretation for educational and community interventions for exceptional children. Appropriate practical experiences provided.

SED 804 Educational Management of Learning and Behavior Disordered Students. (3) A. Prerequisite: certification in special education or department chair approval. Advanced management and programming for pupils with learning and behavior disorders. Selection, adaptation, development and evaluation of instructional approaches, methods and materials based on current research and best practice. Appropriate field experience required.

SED 805 Roles of Special Educators. (3) A. Prerequisite: certification in special education or department chair approval. Focuses on roles of special educators in alternative settings, utilizing related services, and working with parents. Emphasis on interpersonal relationships and professional development.

SED 806 Advanced Assessment and Methods for Moderate and Severe Disabilities. (3) A. Prerequisite: bachelor's degree and teaching certificate in MSD. Advanced assessment of individual with moderate and severe disabilities, planning and implementing functional curricula, teaching methods across all functional domains and integrating related support services using a transdisciplinary service delivery model. Topics include instructional strategies, adaptations in inclusive settings, transition, alternative portfolio assessment, and best practices.

SED 807 Special Education: _____. (1-3) A. Independent work, workshops, special topics, or seminars. May be retaken under different subtitles. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

SED 809 Diagnostic Prescriptive Teaching of the Deaf and Hard of Hearing. (3) A. Prerequisites: certification in Special Education or department chair approval and SED 354, SED 804 or instructor approval. Differential diagnosis and educational programming in academic, sociological, and vocational areas with emphasis on case presentation and individual educational plans.

SED 810 Special Education Status, Regulations, and Case Law. (3) A. A study of the administrative responsibilities of special education leadership with emphasis on the understanding of the field of special education, related federal and state laws, administrative regulations, instructional arrangements, grant writing and budget.

SED 814 Special Education Consultation and Supervision Techniques. (3) A. Consulting and supervisory services; recruitment, selection, and utilization of support services, evaluation of personnel in special education and programs; staff development; and mediation techniques.

SED 816 Practicum in Special Education Administration. (6) A. Prerequisites: SED 810, 814, and EAD 801 or department chair approval. Supervised experiences in providing consultation services and performing all of the other functions of director of special education including procedures and policies, record keeping, utilization of support services, staff development, and due process.

SED 818 Special Topics in Severe and Multiple Disabilities. (3) A. Prerequisite: SED 435 or instructor approval. Advanced study of issues in severe and multiple disabilities. Focus on major theoretical positions regarding etiology of physical/multiple disabilities, visual impairments, developmental implications, and education approaches. Review of research in the field, including best practices, and services.

SED 830 Survey of Education for the Hearing Impaired. (3) A. Historical, philosophical, psychological, and social aspects of the hearing impaired. An orientation to problems, issues, and research in the field. Consideration of historic and current objectives, techniques and results, career education and adaptive PE.

SED 832 Written Language of the Deaf and Hard of Hearing. (3) A. Prerequisite: certification in special education or department chair approval. Methods of developing written language from preschool through secondary levels; including traditional and current methods of teaching written English. Evaluation of written language competence of deaf and hard of hearing students.

SED 861 Communication Disorders in Atypical Populations. (3) A. Prerequisite: admission to communication disorders program or by departmental permission. An overview of associated speech, language, or hearing problems commonly identified in atypical or special populations that may be encountered by the speech-language pathologist.

SED 863 Motor Speech Disorders. (3) II. Prerequisites: admission to communication disorders program and SED 571 or 771 or by departmental permission. Study of the neurophysiology, assessment, and treatment of various motor speech disorders, including dysarthria and apraxia.

SED 867 Advanced Language Disorders. (3) A. Prerequisites: admission to communication disorders program and SED 360, 365, and SED 464 or by departmental permission. Advanced study of formal and informal assessment and treatment approaches in child language without consideration of etiology. Emphasis on language and narrative sampling analysis techniques and use of language within the natural context.

SED 870 Professional Issues in Communication Disorders. (3) A. Prerequisite: admission to communication disorders program or by departmental permission. Scope of practice, professional Code of Ethics, trends in service delivery, pertinent legislation, legal concerns, and other issues which impact the field of communication disorders will be examined.

SED 873 Advanced Articulation and Phonology Disorders. (3) I. Prerequisites: admission to communication disorders program and SED 373 or by departmental permission. Study of the research and principles associated with symptomatology, etiology, diagnosis, and treatment of articulation and phonological disorders. Issues related to accent enhancement and modification, including assessment and intervention are explored.

SED 874 Graduate Practicum: Speech-Language Pathology. (3) A. Prerequisite: admission to communication disorders program or by departmental permission. Supervised clinical practice in speech-language pathology. Must be retaken for a total of nine hours for the MA degree.

SED 875 Adult Neurogenic Language Disorders. (3) II. Prerequisites: admission to the communication disorders program and SED 571 or 771 or by departmental permission. The study of the neurophysiological bases of aphasia classification systems, evaluation procedures, and treatment strategies.

SED 876 Advanced Voice Disorders. (3) I. Prerequisites: admission to communication disorders program and SED 475 or by departmental permission. Study of the research and bases of laryngeal phonation deviation, including etiology, diagnosis, and treatment of functional and organic voice disorders; assessment and use of clinical techniques with a variety of voice disorders.

SED 877 Advanced Fluency Disorders. (3) II. Prerequisites: admission to communication disorders program and SED 465 or by departmental permission. Critical study of research literature on etiology, theory, assessment and intervention strategies for preschool, school age, and adult fluency disorders.

SED 878 Diagnosis of Communication Disorders. (3) I. Prerequisite: admission to communication disorders program or by departmental permission. Corequisite: SED 880. Diagnosis of language and speech disorders with emphasis on the use of comprehensive test batteries to describe the communication skills of children and adults. Profile analysis will be utilized to determine relative strength and weakness.

SED 879 Dysphagia. (3) II. Prerequisite: admission to communication disorders program or by departmental permission. An introduction to dysphagia, including the anatomy, physiology, and development of normal swallowing, and evaluation, etiologies, and treatment of dysphagia.

SED 880 Research Methodology in Communication Disorders. (3) I. Prerequisites: admission to communication disorders program; SED 341 or 590, 365, and 373; or by departmental permission. Corequisite: SED 878. Critical examination of research methodology in communication sciences and disorders. Students acquire the fundamental motivation, knowledge, and skills for conducting clinical and basic science research and for reading and critically evaluating research literature.

SED 885 Cognitive Rehabilitation. (3) A. Prerequisites: admission to communication disorders program and SED 571 or 771 or by departmental permission. Study of the neurophysiological, cognitive, neuropsychological, and social/emotional issues associated with traumatic brain injury in children and adults, including principles of linguistic/cognitive assessment and intervention.

SED 886 Seminar in Special Education. (3) A. Prerequisite: SED 805 or instructor approval. Critical study of research literature on education of exceptional individuals. Directed study based on student's area of emphasis.

SED 890 Advanced Behavior Strategies and Interventions. (3) A. Prerequisites: SED 341, SED 590/790, or instructor approval. Study of techniques of applied behavior analysis, functional behavioral assessment, alternative procedures, interventions for severe problem behaviors, and maintaining a safe learning environment for all students.

SED 897 Practicum in Special Education. (3-6) A. Practicum for graduate students who seek certification in an area in special education.

SED 898 Externship in Communication Disorders. (6) I. Prerequisites: SED 874 (nine credit hours) and completion of graduate core course work in communication disorders. Supervised clinical practice with a variety of communication disorders at selected externship sites.

SED 899 Research Project/Thesis Option. (3) II. Prerequisite: departmental permission. Completion of a research project related to a special population that may lead to a thesis and/or to a professional presentation and publishable paper.

SOC—Sociology Dr. Steve Savage, Chair

SOC 790 Directed Study. (1-3) A. Prerequisite: student must have the proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours credit, provided the subject matter differs each time.

SOC 865 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.

SPA—Spanish Dr. Jose Varela, Chair

SPA 772 Hispanic Literature: _____. (3) A. Prerequisites: SPA 301 and three hours from SPA 405, 406, 407. Study of a selected literary topic. May be retaken to a maximum of nine hours if course content is different.

SPA 880 Special Studies. (1-3) A. Independent language or literature on a subject of special need or interest to the advanced student. May be retaken to a maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

STA—Statistics Dr. Patrick Costello, Acting Chair

STA 700 Applied Statistical Inference. (3) A. 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, and software packages. Credit will not be awarded to students who have credit for ECO 320 or ECO 848 or EPY 843 or QMB 300 or PSY 301 or STA 271 or STA 320 or STA 521 or STA 721. Credit does not apply toward the M.S. degree requirements.

STA 701 Nonparametric Statistics. (3) A. Simple, efficient nonparametric methods without normality assumptions. Tests, estimation of proportions, medians, two-sample location/dispersion, one and two-way layout, independence, regression, software analysis packages. It is strongly recommended that students have completed a statistics course.

STA 703 Statistics with Technology for P-9 Teachers. (3) A. Topics in statistics appropriate for teachers of grades P-9. Credit does not apply toward M.S. nor M.A. in Education - Secondary Education, academic specialization option in mathematics, degree requirements.

STA 707 Seminar in Statistics: _____. (1-3) A. Topics vary with offering. May be retaken with advisor approval, provided the topics are different. Credit towards degree requirements will depend on the course content.

STA 720 Mathematical Statistics I. (3) A. Descriptive statistics, discrete and continuous probability distributions for one and two variables, functions of random variables, sampling distributions, expectations and generating functions.

STA 721 Mathematical Statistics II. (3) A. Prerequisite: STA 520 or STA 720. A continuation of STA 720. Estimation theory, tests of hypothesis, linear regression, analysis of variance, allied topics. Credit will not be awarded to students who have credit for STA 500/700. It is strongly recommended that students have completed an undergraduate course in linear algebra.

STA 775 Statistical Methods Using SAS. (3) A. Statistical methods focusing on the use of the SAS computer package and interpretation of data. Assumptions of parametric and nonparametric tests. It is strongly recommended that students have completed a statistics course.

STA 785 Experimental Design. (3) A. Introduction to analysis of variance and experimental design including completely randomized designs; randomized blocks; Latin squares; factorial experiments; fixed, random and mixed models; and nested and nested-factorial experiments. It is strongly recommended that students have completed a statistics course.

STA 839 Applied Learning in Statistics. (1-3) A. Prerequisite: departmental approval. May be retaken with approval to a maximum of three credits. Employment with faculty and field supervision in an area related to the student's academic interests. A minimum of eighty hours of employment is required for each academic credit. Credit does not apply toward the M.S. degree requirements.

STA 839 A-C Cooperative Study: Statistics. (1-3) A. Prerequisite: departmental approval. May be retaken with approval to a maximum of three credits. Employment with faculty and field supervision in an area related to the student's academic interests. A minimum of eighty hours of employment is required for each academic credit. Credit does not apply toward the M.S. degree requirements.

STA 880 Seminar in: _____. (1-3) A. Advanced topics in Statistics. May be retaken to a maximum of six hours provided the topics are different. Credit towards degree requirements will depend on the course content.

STA 890 Independent Study in: _____.

(1-3) A. Prerequisite: departmental approval. Independent study on a problem chosen by the student and instructor. Student must have the independent study proposal form and course syllabus approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of nine hours, provided the topics are different.

TEC—Technology

Dr. William E. Davis, Chair

TEC 701 Special Problems in Technology.

(2-6) I, II. An independent study course for graduate students. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken if the topic of study is different.

TEC 733 Workshop in Technology. (1-4) A.

Formerly IET 733. Presentation of technology topics of a timely or specialized nature in a workshop format. May be retaken if the topics are different.

TEC 830 Creative Problem Solving. (3) A.

A review and analysis of basic and applied research in the development of creative behavior with emphasis on its application to teaching/training and industrial problem solving. Students will be expected to complete a term project showing their creative abilities.

TEC 831 Applied Problem Solving. (3) A.

Prerequisite: TEC 830. Students will strengthen problem solving through the completion of an independent project. Students will propose a process and produce a finished project. Documentation of the process will be used as a foundation for evaluation.

TEC 867 Research in Technology. (3) A.

Independent research in technology supervised by the graduate advisor and other staff members. Topic must be approved before registration. May be retaken to a maximum of six hours.

TEC 898 Thesis I. (3) A.**TEC 899 Thesis II. (3) A.****THE—Theatre**

Dr. Charlie Sweet, Acting Chair

James Moreton, Coordinator

THE 805 Independent Studies in Theatre

Arts. (1-3) A. Individual research and reading on a specified theatre arts topic. Regular consultation and final paper required. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

TRS—Traffic Safety

Dr. Raymond Ochs, Coordinator

TRS 788 Laboratory Instructional

Programs in Drive 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.

SECTION SEVEN

Official Directory

OFFICE OF THE PRESIDENT

Joanne K. Glasser, Esq. BA, JD
President
Dreidre Adams
Administrative Assistant to the President
Lana Gibbs
Administrative Assistant to the President
Lisa Kelley
Administrative Assistant II

ATHLETICS

John W. Shafer, BS, MED
Director
Lynn Tyler
Administrative Assistant
Derita Ratcliffe, BS, MS
Associate Athletics Director/Senior Woman Administrator
Dan McBride, BA
Assistant Athletics Director for Operations
Dwight Merilatt, BA, MS
Assistant Athletics Director for Development
Tiffany Yeast, BS, MSA
Compliance Coordinator
Renee Kulp, BS, MSS
Ticket Manager
Ryan Simmons, BS, MA
Sports Information Director
Amy Ratliff, BS
Assistant Sports Information Director
Johnda Wireman, BS, MS
Head Athletic Trainer
Mike Warren, BS, MS
Assistant Athletic Trainer
Kyle Webster, BS
Assistant Athletic Trainer
John Stratman, BS, MS
Assistant Academic Advisor
David Parke, BBA
Business Manager
Jon-Michael Davis, BS, MS
Strength and Conditioning Coach
Travis Ford, BS
Head Men's Basketball Coach
Steve Middleton, BA, MSE
Assistant Men's Basketball Coach
Tim Maloney, BA
Assistant Men's Basketball Coach
Dagan Nelson, BS
Assistant Men's Basketball Coach
Larry Inman, BS, MA
Head Women's Basketball Coach
Laphelia Doss, BA, MS
Assistant Women's Basketball Coach
Jenny Anderson, BS
Assistant Women's Basketball Coach
Curtis Metten, BS, MS
Assistant Women's Basketball Coach
Danny Hope, BS
Head Football Coach
Kurt Beathard, BS
Assistant Football Coach
Donn Landholm, BAE, MSE
Assistant Football Coach
Codi Deti, BS, MS
Assistant Football Coach
John Revere, BS, MA
Assistant Football Coach
Jim Tanara, BS, MA
Assistant Football Coach

Shawn Clark, BS, MED
Assistant Football Coach
Elvis Dominquez, BA
Head Baseball Coach
John Corbin, BA
Assistant Baseball Coach
Pat Stephens, BS
Men's Golf Coach
Joni Stephens, BS, MS
Women's Golf Coach
Jane Worthington, BS, MS
Softball Coach
Megan Mills, BS
Assistant Softball Coach
Rob Oertel, BS, MS
Men's and Women's Tennis Coach
Rick Erdmann, BA, MS
Men's and Women's Track & Cross Country Coach
Tim Moore, BS, MS
Assistant Men's and Women's Track & Cross Country Coach
Lori Duncan, BS, MS, MA
Head Volleyball Coach
MaryLee Keranko, BS, MS
Assistant Volleyball Coach

EQUAL OPPORTUNITY OFFICE

Virginia Underwood, BA, JD
Equal Opportunity Officer

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Director
William David Hepburn, Jr.
Assistant Director, Mechanical Services
Rich Middleton, BS
Assistant Director, Custodial Services and Family Housing Rentals
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Assistant Director, Structural Services
David Williams, BS
Assistant Director, Campus and Grounds
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TBA
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Heat Plant Supervisor
Ronnie Mink
HVAC Supervisor
Jeffrey Cantrell
Pest Control Supervisor
Ricky Hurt
Electrical Supervisor
Glen Adams
Acting Mechanical Supervisor
John Young, AS
Technical Specialist, Energy Management System
Sharon Smith
Supervisor, Custodial Services
Harold Rose
Supervisor, Custodial Services

INTERNAL AUDITS

Beth Ballard, BS, MS
Director
Brooke Afsah-Mohallatee, BA, MBA
Senior Staff Auditor

STUDENT JUDICIAL AFFAIRS AND SERVICES FOR INDIVIDUALS WITH DISABILITIES

Harry Moberly, BA, JD
Director

Mary Elizabeth Bohannon, BS, MA
Associate Director

Charlotte Tanara, BS, MA, PhD
Associate Director

Teresa Belluscio, BA, MA
Assistant Director/Disabilities

Shirley Rivard
Interpreter Coordinator

Timothy N. Clabaugh, BS
Interpreter

Tara Dunn, BS
Interpreter

Tara Stevens McIntosh, BS
Interpreter

Casey Tinsley, BS
Interpreter

Eric Weber, BS
Interpreter

Renee Welch, AA
Interpreter

James L. Rivard, BA
Transition Specialist

UNIVERSITY COUNSEL

Cheryl Harris,
University Counsel

Melany Aldridge, BS
Administrative Assistant

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Assistant Director

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Brenda Hill
Program Manager, Adult Education

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Director, Media Resources

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Coordinator, Financial Services

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Director, Danville Campus

Jill Price, BBA
Coordinator, Events

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Manager, WEKU Radio Station

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Manager, Workforce Education

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Director, Distance Education

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Senior Director, Extended Campuses, Student Support

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Assistant Director/Instructional Media

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Assistant Director/Station Manager, WEKU/
WEKH/WEKF

Rex D. Barker, AA
Audio Visual Service Engineer

William S. Browning, AA
Chief Engineer

Mary Ellyn Cain, BA
Radio Operations Supervisor/WEKU

Forrest Wayne Gregory, BA
Radio Music/Fine Arts Producer

TBA
Art Coordinator

Stuart A. Johnson, BA
Producer/Reporter, WEKU

John Gregory, BA
Assistant Manager/ WEKU

Charles I. Huff
Operations Technician

Jack E. McDowell, BA, MA
Television Producer

Marie J. Mitchell, BGS, MA
Coordinator, News and Public Affairs, WEKU

Carol Siler, AS, BA, MA
Coordinator, Promotion and Development,
WEKU-FM/WEKH

David W. Smith
Instructional Photographer

Ronald W. Smith, BA
Radio Producer, WEKU

Teresa K. Snow, BA
Graphic Designer

Glenn R. Wise
Television Technician

Paul Ramsey, BS, MS
Producer

James P. Whitaker
Electronics Technician
Andre´ Kinney, BA
Production Manager/Producer

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Admissions Counselor
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Admissions Counselor
Nichole Willis, BS
Admissions Counselor
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Candy Behn
Transfer Student Data Entry Specialist
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Olinda Moberly
Records Coordinator

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Athletic Academic Advisor

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Lisa Laird, BA
Scholarship Coordinator
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Computer System Analyst
Pamela Stone, AA, BS
Financial Aid Counselor
Kelly Young, BBA
Loan Coordinator
Tiffany Baker
Financial Aid Counselor
April Kendrick, BS
Financial Aid Counselor
Paula Putteet
Financial Aid Information Specialist

STUDENT SUCCESS INSTITUTE

TBA
Director

GRADUATE STUDIES

TBA
Dean
Tina Puckett
Administrative Assistant

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Steffen Wilson, BA, MS, PhD
Associate Director

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Associate Vice President
Lola Ann Puckett
Administrative Assistant
Adrienne Bauer, BS, MS
Organizational Effectiveness Consultant

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Assessment & Strategic Planning Coordinator
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Assistant Director of Institutional Effectiveness
Bogdan Ratiu, BA, MA
Assistant Director of Research
Karen Carey, BA, MAEd, MPA, PhD
General Education Assessment Coordinator
Sherrita Rowe
Senior Office Associate

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Caesar Archangel, AS
Network Computer Operator

Dana Armstrong, AA
Software Consultant

Patricia A. Brown
System Specialist

Robert Bruner, BS
Network Engineer

Judith Cahill, BS
Academic Support Manager

Russell Cantrell
Printing & Distribution Specialist

Robert Clark
Network Engineer

Dudley Cornman, BS
Systems Programmer

Christopher Daniel, BA
Software Consultant

Joe Davis, BS
Network Engineer

Jon Fulkerson, BS
Programmer/Analyst

Steven F. Fulkerson, BS
Networking Assistant Manager

Michael B. Geller, AS
Programmer/Analyst

Mona Isaacs, BS
Information Systems Support Manager

Worder T. Henline, BS
Software Consultant

Charles High
Senior Equipment Technician

Stephanie L. King, AA
Telecommunications Coordinator

Eugene Kleppinger, BS, MA, M. Div, PhD
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Margaret Lane, BS, MS
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Rebecca K. Letcher, BBA
Programmer/Analyst

Jean Marlow, BS
Technology Specialist

Joyce Martin, AA, BBA
Data Base Administrator

Norman A. Martin, BBA
Information Resources Analyst

Patrick D. Martin, BBA
Operations Manager

Angela McDaniel
Computer Operator

Sandra K. McFerron
System Specialist

Daniel J. McNabb, BS
Programmer/Analyst

David L. Midgett, AA
Data Base Administrator

Dennis Pinkston
Equipment Technician

Leslie Powell, BA
Mail Room Manager

Scott Prater
Network Engineer

Julie A. Price, AA
Programmer/Analyst

Carmelinda Richard, BS
Programmer/Analyst

Edward D. Riley, AA
Networking & Technical Support Manager

Michelle Smith, BBA
Software Consultant

Karen Tatum
Graphic Reproductions Specialist

Dustin Tennill
Systems Administrator

Tina Tinnin
Computer Operator

Richard Tussey
Printing Services Manager

Jeffrey Whitaker, BBA
Senior Programmer/Analyst

Cheryl Whittamore
System Specialist

Wayne Woolery
Computer Operator

LIBRARIES

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Dean

Mary Anne Dewey, BA, MLS
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Carrie Cooper, BS, MLIS
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UNIVERSITY PROGRAMS

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Director

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EDUCATIONAL TALENT SEARCH PROGRAM

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Homer L. Strong, BS
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MS INDUSTRIAL TECHNOLOGY

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UNIVERSITY FARMS

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Jeremy Sollberger, AA
Livestock Specialist-Stateland Dairy
Steven Olt, BS
Dairy Manager-Stateland Dairy
Jerry Plummer, BS
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TBD
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COLLEGE OF HEALTH SCIENCES

David D. Gale, BA, MA, PhD
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Charlie Brubeck
Director of Operations
Amanda Graziani
Financial Controller
Rebecca Goss
Accounts Payable
Robert Miller
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Mathew Haney
Sous Chef, Fresh Food Company
Gary Collins
Catering Manager
Nancy Snowden
Catering Sales Coordinator
Debbie Thacker, BS
Fresh Food Company
Kim Howard
Fountain Food Court Assistant Manager
Diana Pence
Model Lab Cafe
Susan Padgett
Stratton Cafe/Martin/Blimpie
Mary Hagen
Fountain Food Court Manager

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TBA
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TBA
Facilities Coordinator

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Laura Melius, BS, MBA
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Cari Wallace, BA, MA
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TBA
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Nurse
Cheryl Little, RN
Nurse
Cheryl Simpson, BSN, RN
Nurse
Joan Wernegreen, RN
Nurse
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Health Educator

UNIVERSITY BOOKSTORE

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Assistant/Textbook Manager
Peggy Ochs
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Heather Baldwin
General Merchandise Manager
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AP/AR Supervisor

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Travis Gabriel, BA
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Stephen Greenwell, BA
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Matt Horn, BA
Residence Hall Coordinator
Tarrah Macbeth, BA
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Rebecca Rocca, BA
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Tamara Stephens, BA
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Brandon Williams, BA
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Shannon Dale Williams, BA
Residence Hall Coordinator
TBA
Associate Director for Business Affairs
TBA
Associate Director for Academic Initiatives
TBA
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VOLUNTEERISM

Amber Jones

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Vice President

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Assistant Director
Sandra K. Tapley
Database Administrator
Cheryl Lockett
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Jackie Collier Ballinger, BA
Director of Corporate & Foundation Relations
Kara Little Covert, BS, MS
Director of Regional Advancement
Heather Slack-Ratiu, BA, MEd
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Krista K. Whitaker, BA, MA
Senior Charitable Grants Writer
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PUBLIC RELATIONS AND MARKETING

Marc Whitt, BA, MA
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INSTITUTIONAL MARKETING

Sarah B. Hajjar, BBA
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UNIVERSITY COMMUNICATIONS

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Donald E. Rist, Jr., BFA
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Jerry D. Wallace, BS
News Editor
Karen L. Lynn, BA
Writer & Editor
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Photographer

**DEPARTMENT OF MILITARY SCIENCE AND
LEADERSHIP**

LIEUTENANT COLONEL Brett E. Morris, (1999), Professor of Military Science, BA, Texas Tech University, (1980), MA, Naval Post Grad School, (1988).
MAJOR Lance Patterson, (2002), Assistant Professor of Military Science, BS, Cumberland College, (1989).
MAJOR Craig Campbell, (2004), APMS, Recruiting Officer, BBA, Eastern Kentucky University (1986).
MASTER SERGEANT Monty Lash (2003), Advanced Course Instructor, Senior Military Instructor.
SERGEANT FIRST CLASS Robert B. Welch, Jr., (2001), Basic Course Instructor.

FULL AND ASSOCIATE GRADUATE FACULTY

- ADAMS, ROBERT M.** (1979), Professor, Psychology. BA, MA, PhD, Tennessee.
- ALEGI, PETER C.** (2001), Assistant Professor, History. BA, Trinity College; MS, Yale; PhD, Boston University.
- AL-KHATAB, ANISA** (1990), Associate Professor, Educational Studies. BA, MA, EdD, Teachers' College, Columbia.
- ALLAMEH, E. JOY** (1978), Associate Professor, English. BS, Middle Tennessee; MA, Arkansas; PhD, Kentucky.
- ANDERSON, JOY** (1978), Professor, Occupational Therapy. OTR/L; BA, David Lipscomb; post-baccalaureate certificate, Texas Woman's; MA, Western Michigan.
- APPLETON, THOMAS H.** (2000), Professor, History. BA, Memphis; MA, PhD, Kentucky.
- AUSTIN, JERRY L.** (1994), Associate Professor, Educational Administration. BA, Berea; MAEd, EdD, Virginia; JD, North Carolina Central.
- AWANG, FARIDAH** (2002), Assistant Professor, Corporate Communication and Technology. BSC, MSc, Ed, PhD, Southern Illinois.
- BARKER, THOMAS** (2000), Professor, Criminal Justice and Police Studies. AB, Stanford; MS, PhD, Mississippi State.
- BARTON, ROBERT M.** (1976), Athletic Trainer; Professor, Exercise and Sport Science. AB, Kentucky; MS, Marshall; DA, Middle Tennessee.
- BATTS, JAMES W.** (1988), Associate Professor, Psychology. BS, MS, Eastern Kentucky; MEd, PhD, Kentucky.
- BAUTISTA, DEBRA** (2001), Assistant Professor, Chemistry. BS, PhD, Memphis.
- BEAL, DONALD G.** (1987), Professor, Psychology. BA, Arizona; PhD, Texas Tech.
- BECK, JOE E.** (1995), Associate Professor, Environmental Health Science. BS, Murray State; MPA, Illinois.
- BEELER, C. ALAN** (1970), Professor, Music. BM, Illinois Wesleyan; MA, PhD, Washington.
- BELKNAP, LARRY K.** (1989), Professor, Recreation and Park Administration. BA, Morris Harvey; MS, Marshall; ReD, Indiana.
- BENNETT, HELEN** (1981), Professor, English. BA, Queens; PhD, Brown.
- BENNETT, ONDA M.** (1997), Chair, Associate Professor, Occupational Therapy. OTR/L; BS, MS, NY; PhD, Buffalo, NY.
- BETTLER, ALAN R.** (1970), Associate Professor, French. AB, MA, PhD, Indiana.
- BIGGIN, ROBERT** (2001), Assistant Professor, Educational Leadership. BS, Pennsylvania; MS, PhD, Pittsburg.
- BIRCHFIELD, PATRICIA** (1997), Associate Professor, Nursing. BSN, MSN, Kentucky, DS, Alabama (Birmingham).
- BLADES, CHRISTOPHER** (2003), Assistant Professor, Computer Information Systems. PhD, Somerset, England (UK).
- BLAKENEY, ANNE** (1984), Associate Professor, Occupational Therapy. OTR/L; BS, Tennessee; MSOT, Boston; PhD, Kentucky.
- BLAND, PAUL E.** (1969), Professor, Mathematics. BA, MA, West Virginia; PhD, South Carolina.
- BLAYLOCK, DAVID W.** (1993), Assistant Professor, History. BA, North Carolina-Geensboro; MA, Washington University; PhD, Ohio State.
- BLYTHE, JR., HAROLD R.** (1972), Professor of English and Foundation Professor. BA, Kentucky Southern; MA, Florida; PhD, Louisville.
- BOLLING, JULIEN HOPE** (1972), Associate Professor, Special Education. BS, East Tennessee; MA, Kentucky; EdD, Kentucky; additional graduate work, Eastern Kentucky.
- BONAR, BRUCE D.** (1977), Director, Professional Laboratory Experiences; Professor, Social Science Education; Curriculum and Instruction. AB, West Liberty State (WV); MA, EdD, West Virginia; additional graduate work, Eastern Kentucky.
- BOROWSKI, WALTER S.** (2001), Assistant Professor, Geology. BA, Case Western Reserve; MS, Tennessee; PhD, North Carolina.
- BREWER, PEGGY D.** (1980), Professor, Management. BS, Morehead; MA, Murray; DBA, Louisiana Tech.
- BREWER, VIRGIL L.** (1980), Information Systems; Professor, Computer Information Systems. BS, Kentucky; MBA, Marshall; DBA, Texas Tech.
- BRITT, DANNY G.** (1975), Chair, Professor, Agriculture. BS, Western Kentucky; MS, PhD, Michigan State.
- BROCK, MARTIN L.** (1990), Associate Professor, Chemistry. BA, California (San Diego); PhD, Illinois; Post doctoral research, Imperial (London), Southern CA.
- BROWN, HARRY N.** (1970), Professor of English and Foundation Professor. AB, Davidson; MA, Appalachian State; PhD, Ohio.
- BROWN, STEPHEN M.** (1988), Professor, Management. BS, Illinois; MS, Southern Illinois; PhD, Georgia.
- BRUBAKER, ROBERT G.** (1984), Acting Chair, Professor and Foundation Professor, Psychology. BA, Oklahoma City; MA, Indiana State; PhD, South Florida.
- BUCKNAM, JULIE A.** (1995), Assistant Professor, Art Education. BA, MAEd Eastern Kentucky; PhD, Kentucky.
- BUNDY, MYRA BETH** (1996), Assistant Professor, Psychology. BS, Transylvania; PhD, South Carolina.
- BUSKIRK, ROBERT D.** (1992), Assistant Professor, Mathematical Sciences. BA, West Virginia; MA, PhD, Kentucky.
- BUSSON, TERRY L.** (1980), Professor, Political Science. BA, MA, PhD, Kent State.
- BYRD, SUZANNE** (1991), Associate Professor, Biology. BS, Austin Peay; BS, PhD, South Alabama.
- CALIE, PATRICK J.** (1992), Professor, Biology. BS, Rutgers; MS, PhD, Tennessee.
- CALITRI, DONALD L.** (1976), Associate Dean, Professor, Health Education. BS, MA, Union; additional graduate work, Indiana; EdD, Alabama.
- CALLAHAN, CONNIE** (1997), Associate Professor; BA, Missouri Southern State; MS, EDS, Pittsburg State; PhD, New Mexico.
- CANNON, DEAN C.** (1978), Professor, Communication. BS, MS, Indiana State; PhD, Ohio State.
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- CARR, DONALD E.** (1982), Professor, Computer Information Systems. BS, MS, California (Davis).
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- CARTER, DOROTHY A.** (1964), Associate Professor, French. BA, MA, PhD, Kentucky.
- CHANDRA, VIGYAN** (2002), Assistant Professor, Technology. BS, Birla Institute of Technology (India); MS, PhD, Kentucky.
- CHANG, KUNG-NAN** (2003), Assistant Professor, Computer Science. BS, Feng-Chia University (Taiwan); MS, PhD, University of Texas at Arlington.
- CHAPMAN, ANN D.** (1989), Professor, Counseling. BA, Agnes Scott; MA, Indiana; EdS, PhD, Kentucky.
- CHEN, RICHARD** (1989), Professor, Accounting. BBA, National Taiwan; MPA, PhD, Texas; CPA, Texas.
- CLARK, ROSS C.** (1992), Professor, Biology. BA, Sewanee; MA, PhD, North Carolina.
- CLEMENT, CATHERINE R.** (1989), Associate Professor, Psychology. AB, California (Berkeley); MA, PhD, Clark.
- CLEWETT, JR., RICHARD M.** (1969), Professor, English. BA, MA, PhD, Chicago.
- COLEMAN, DAVID W.** (1998), Associate Professor, History. BA, Emory; MA, PhD, Illinois at Urbana-Champaign.
- COLLINS, LARRY R.** (1990), Chair, Associate Professor, Loss Prevention and Safety. AS, Allegheny; BS, MEd, California (UPA); EdD, West Virginia.
- COLLINS, PAMELA A.** (1986), Professor, Assets Protection. BS, MS, Eastern Kentucky; EdD, Kentucky.
- COMBS, DOROTHY** (1996), Associate Professor, Education, BA, MEd, University of South Carolina; PhD University of Kentucky.

- COOK, JERRY D.** (1983), Professor, Physics. BA, Berea College; MS, PhD, Kentucky.
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- COSTELLO, PATRICK J.** (1982), Acting Chair, Professor, Mathematical Sciences. BS, Harvey Mudd; MS, PhD, Ohio State.
- COX, TERRY C.** (1978), Professor, Criminal Justice and Police Studies. BS, MS, PhD, University of Akron.
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- CROSBY, RICHARD** (1986), Professor, Music. BME, MM, DMA, Cincinnati.
- CULROSS, JACK L.** (1970), Professor, English. BS, Spring Hill; MA, PhD, Louisiana State.
- CULROSS, TERRELL O.** (1976), Assistant Professor, English. BS, Louisiana State; MA, additional graduate work, Eastern Kentucky, Kentucky.
- CUPP, JR., PAUL V.** (1974), Professor, Biology. BS, MS, Eastern Kentucky; PhD, Clemson.
- CURRA, JOHN O.** (1975), Professor, Sociology. BA, MA, San Diego State; PhD, Purdue.
- DAILEY, DAVID W.** (1989), Professor, Technology. BS, MS, EdS, Clemson; EdD, Kentucky.
- DAVIG, WILLIAM A.** (1984), Professor, Management. BS, Houston; PhD, Northwestern.
- DAVIS, LONNIE J.** (1990), Chair, Professor, Exercise and Sport Science. BA, Morehead State; MS, Indiana; PhD, Louisiana State.
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- DAVIS, RITA R.** (1982), Associate Professor, Corporate Communication and Technology. BA, MA, Georgetown; EdD, Kentucky.
- DAVIS, WILLIAM E.** (1979), Chair, Professor, Technology. BS, MA, MS, Eastern Kentucky; EdD, Cincinnati.
- DEAN, CLAUDE S.** (1986), Associate Professor, Geology. SB, Massachusetts Institute of Technology; AM, PhD, Harvard.
- DEAN, RONALD E.** (1974), Associate Professor, Political Science. BA, Emory and Henry; MA, PhD, Tennessee.
- DEBOLT, LOUISA S.** (2000), Assistant Professor, Exercise and Sport Science. BA, MA, Pacific; PhD, Oregon State.
- DENHAM, GAYLE** (1991), Professor, Nursing. BSN, Eastern Kentucky; MSN, Kentucky; PhD Nursing, Tennessee.
- DICKEY, JOANNA PATERNO** (1980), Professor, Elementary Education. BS, Cleveland State; MEd, Indiana; PhD, Ball State.
- DICKEY, STEVEN W.** (1983), Associate Professor, Economics. BA, Sciences and Arts of Oklahoma; MA, PhD, Southern Illinois.
- DIEBOLD, MARTIN H.** (1996), Professor, Communication Disorders. AA, Miami-Dade Junior College; MA, South Florida; EdD, Georgia.
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- DILKA, KAREN L.** (1989), Professor, Special Education. BA, MA, Northern Colorado; PhD, Arizona.
- DUNCAN, DAN J.** (1981), Professor, Music. BME, Northwestern; MME, Wichita State; DME, Indiana.
- DUNSTON, AINGRED G.** (1989), Associate Professor, History. BA, Livingstone; MA, North Carolina; PhD, Duke.
- EAKIN, DAVID A.** (1994), Associate Professor, Biology. BA, MS, Louisville; PhD, Florida.
- ELBERT, NORB** (2000) Chair, Professor, Management. BS, MBA, Louisville; DBA, Kentucky.
- ELIAS, DAVID R.** (1989), Associate Professor, English. BA, California; MA, Rutgers; PhD, Stanford.
- ELLIOTT, CHARLES L.** (1985), Professor, Biology and Foundation Professor. BS, Frostburg State; BS, Idaho; MS, Brigham Young; PhD, Alaska.
- ELROD, PRESTON** (1997), Professor, Correctional and Juvenile Justice Studies. BA, Presbyterian College, (SC); MA, PhD, Western Michigan.
- EMERY, LYNNDA** (1993), Professor, Occupational Therapy. OTR/L; BA, Marshall; MEd, Missouri; EdD, Arkansas.
- ENGLE, SR., ALLEN D.** (1989), Professor, Management. BBA, MBA, Eastern Kentucky; DBA, Kentucky.
- ENZIE, RUSSELL F.** (1974), Professor, Psychology. BS, Abilene Christian; MS, PhD, Oklahoma.
- EVERETT, CHARLES L.** (1995), Acting Chair, Assistant Professor, Recreation and Park Administration. BA, Delaware; MS, Eastern Kentucky; EdD, Kentucky.
- EVERETT, MAUREEN W.** (1980), Chair, Professor, Communication. BA, MA, Delaware; PhD, Kentucky.
- EWALT, JO ANN** (2000), Interim Chair, Government, Assistant Professor, Political Science. BA, MPA, PhD, Kentucky.
- EWERS, RALPH O.** (1981), Professor, Geology. BS, MS, Cincinnati; PhD, McMaster (Canada).
- FALKENBERG, STEVEN D.** (1974), Professor and Foundation Professor, Psychology. BA, MA, PhD, Baylor.
- FALKENBERG, VIRGINIA P.** (1973), Associate Professor, Psychology. BS, MS, East Texas State; PhD, Baylor.
- FARDO, STEPHEN W.** (1972), Coordinator, Industrial Education. Professor of Technology and Foundation Professor. BS, MA, Spec Tech, Eastern Kentucky; EdD, Kentucky.
- FARRAR, STEWART S.** (1985), Professor, Geology. BS, Syracuse; PhD, SUNY (Binghamton).
- FARRAR, WILLIAM W.** (1976), Professor, Biology. BS, Samford; MS, Medical College of Virginia; PhD, Virginia Polytechnic Institute.
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- FENTON, JR., EDMUND D.** (2000), Associate Professor, Accounting. BS, MBA, Murray State; DBA, Kentucky, CPA, Kentucky and Tennessee.
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- FIELDS, CHARLES B.** (1997), Professor, Criminal Justice and Police Studies. BA, MA, Appalachian State; PhD, Sam Houston State.
- FIELDS, DAVID** (1986), Associate Professor, Computer Science. AB, West Virginia; MS, Clemson; MS, PhD, Florida State.
- FLANAGAN, JOHN L.** (1976), Assistant Professor, Psychology. BA, Minnesota; MA, Texas; PhD, Missouri.
- FOSTER, MICHAEL L.** (1995), Associate Professor, Biology. BS, Columbus College; PhD, South Carolina.
- FRAAS, ROBERT E.** (1973), Professor, Chemistry/Forensic Science. BS, Capital; MS, Marshall; PhD, Post doctoral research, Kentucky.
- FRAZIER, JESSICA JOHNSON** (1986), Chair, Associate Professor, Accounting. BS, MBA, Eastern Kentucky; DBA, Kentucky.
- FREDERICK, ROBERT B.** (1982), Professor, Biology. BS, Virginia Polytechnic Institute; MS, PhD, Iowa State.
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