

Morehead State University Graduate Catalog 2000-2002

University A
Fall Semester

Membership	American Assembly of Collegiate Schools of Business American Association of Colleges for Teacher Education American Association of State Colleges and Universities American Council on Education Conference of Southern Graduate Schools Council for the Advancement and Support of Education National Commission on Accreditation National League for Nursing Southern Regional Education Board The Council of Graduate Schools in the United States	August 16 17	Wednesday Thursday	- Campus-wide departmental -Business Days - Class scheduled - Business Days
Accreditation	Association of Collegiate Business Schools and Programs National Association of Schools of Music National Council for the Accreditation of Teacher Education Southern Association of Colleges and Schools Morehead State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033: Telephone 404-679-4501) to award Associate, Baccalaureate, Master's and Specialist degrees.	18 21 25	Friday Monday Friday	- Class scheduled - Business Days - All on-campus - Late fee in - Last day for (partial or
Volume	63	28	Monday	- Last day to or change se
Date	August 2000			credit, chan
Toll Free Number	800-585-MSU1 (6781), Graduate Admissions Web address: http://www.moreheadstate.edu			to pass-fail
Changes	Morehead State University reserves the right to change its academic regulations, policies, fees, and curricula without action of the Ky Council on Postsecondary Education and/or the Morehead State University Board of Regents. Material included in this catalog is based on information available at the time of publication.	September 19 12	Monday Tuesday	- Labor Day (1 - Last day for withdrawal)
Equal Opportunity	Morehead State University is committed to providing equal educational opportunity to all persons regardless of race, color, national origin, age, religion, marital status, sex, or educationally-unrelated disabilities in its educational programs, activities, employment policies, and admission of students to any program of study as required by Title IX, Title IV, and Section 504. Inquiries should be addressed to the Affirmative Action Officer, Morehead State University, 101 Howell-McDowell Ad. Bldg., Morehead, KY 40351.			- Last day for withdrawal) - Last day to automatic g
Printing	This catalog was prepared by Morehead State University and printed with state funds per KRS 57.375.	October 13	Friday	- First half-s - Mid-term gra 9:00 a.m.

16 Monday - Second half-semester classes begin
 - Last day to add a second half-semester class

25 Wednesday - Last day to drop a full-term course or withdraw from
 school with an automatic grade of "W"

November

6 Monday - Fall Break (no classes)

7 Tuesday - Presidential Election (no day or night classes, or office hours)

13 Monday

16 Thursday - Advance Registration for Spring 2001

17 Friday - Last day to drop a second half-semester class with a grade
 of "W"

22 Wednesday

24 Friday - Thanksgiving Break (no classes)

27 Monday - Classes resume

December

11 Monday - FINAL EXAMINATIONS

12 Tuesday

13 Wednesday - Reading day for final exams (no classes)

14 Thursday - FINAL EXAMINATIONS

15 Friday

16 Saturday - Commencement, 10:30 a.m., Fall Semester closes at noon

18 Monday - Grades due in Registrar's Office by 9:00 a.m.

January

10 Wednesday - Campus-wide department r

11 Thursday - Late Registr
 - Business Day

12 Friday - Late Registr
 - Business Day

15 Monday - Martin Luth

16 Tuesday - All on-camp
 - Late fee in

22 Monday - Last day for
 withdrawal)

- Last day to
 sections, cl
 audit, and c

February

5 Monday - Last day for
 withdrawal)

12 Monday - Last day for
 withdrawal)

- Last day to
 automatic g

March

2 Friday - First half-

9 Monday - Mid-term gra
 9:00 a.m.

- Second half-
 - Last day to

Spring Semester - 2001

12 Monday

16	Friday	- Spring Break (no classes)	have	
			Test (GMAT)	been co
19	Monday	- Last day to drop a full-term course or withdraw from		501 Gir
	school	with automatic grade of "W"		informa
April			Course contract or checksheet	
6	Friday	- Last day to drop a second half-semester class with a grade	acceptance.	
	of	"W"		Compute
9	Monday			with ad
12	Thursday	- Advance Registration for Summer I, II and Fall 2001		checksh
			Thesis (if required by program)	in
May				two wee
7	Monday			
8	Tuesday	- FINAL EXAMINATIONS	Application for Degree/Non-At the	
			degree completion	program
9	Wednesday	- Reading day for final exams (no classes)		are ava
10	Thursday		Comprehensive Exit Examination	During
11	Friday	- FINAL EXAMINATIONS	Contact	
				the Tes
12	Saturday	- Commencement, 10:30 a.m., Spring Semester closes at noon		the exa
14	Monday	- Grades due in Registrar's Office by 9:00 a.m.		

Reminders for Master's/Non-Degree Applicants

Document

Due date

Graduate Program Application Semester prior to planned entrance. Applications are available in 701 Ginger Hall or at www.moreheadstate.edu/units/graduate.

Graduate Record Examination (GRE) At (GRE) time of application or before 12 hours have been completed. To schedule the exam call 1-800-GRE-CALL.

Graduate Management Admission At the time of application or before 12 hours

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General I

Mission Statement
 Morehead State University shall se
 providing high-quality instruction

Geographic Region
 programs sh
 northeastern and eastern Kentucky

Institutional Admission
 students to the institution under
 guidelines established by the Cour
 exceptions: Institutional guidelin
 admitting under prepared students
 specified time frame. Through this
 access and high quality programs.

Degree Levels
 University shal
 selected associate degree programs
 the region. Subject to demonstrat
 specialist programs in education s

Strategic Directions/Pro
 its service region, the University
 constituent needs and on the acade
 priorities in addition to programs
 include business, nursing and all
 translate into a core of liberal a
 program priorities at the associat
 specialist (S) levels that may inr
Instruction Programs by level [are
 [M-09]; English and literature [B
 social sciences [B,M,-45]; business
 51]; fine arts[B,M,-50].

Enhancement of Instruction

The University recognizes teaching and meeting the academic needs of students as its paramount responsibilities.

(2) To make sure our personnel are dedicated to student success,

Service and Research Functions

The University shall create centers to facilitate applied research, organized public service, and continuing education related to the needs of business, industry, and the local schools in the region.

(3) To make sure our students are a successful academic career and satisfactorily make our organizational produce the highest quality experiential

Collaborative Ventures

The University shall be placed on developing and delivering cooperative programming with other higher education institutions and area schools as well as partnerships with business and industry.

(5) To make sure that we effectively articulate where resources are

The University shall develop and employ technological resources to communicate with other institutions in the fulfillment of its mission. Student advising, articulation agreements, curriculum development, and electronic technology will be employed to facilitate transfer of credits from other institutions toward degree completion.

(6) To make sure that internal decisions are articulated through the Council on

Efficiency and Effectiveness

The University shall promote cost effectiveness in academic programming and institutional management. Strategic planning resulting in the elimination of duplicative or unproductive programs is essential while the development of carefully selected new programs compatible with this mission is appropriate. Measures of quality and performance shall be the foundation of the University's accountability system which promotes continuous improvement of programs and services.

About the University
With a coeducational enrollment of 350, Morehead State University draws students from throughout the state in its diverse academic programs.

Graduate Study Administration
The Dean

The dean of graduate programs governs graduate study.

Statement of Ideals

- The University shall
- Be a community of students, faculty, administrators, and staff where all pursue intellectual, creative, ethical, and technical development;
- Foster an environment in which knowledge may be discovered, integrated, and disseminated for concerns of social significance for the excitement of research or free inquiry;
- Be a place where students, faculty, and staff are committed to excellence and integrity;
- Build upon the achievements and values of the past to respond to the demands of the present and challenges of the future;
- Promote the development of those qualities of leadership necessary to meet the changing needs of the state, nation, and world; and
- Continually evaluate, develop, and improve programs to fulfill its special mission of serving the economic, educational, social, and cultural needs of northern and eastern Kentucky.

The Graduate Committee
The Graduate Committee consists of each of the four colleges, four graduate faculty members, the registrar and the dean of graduate studies. The committee recommends policies and regulations in the execution of these policies and hears graduate student appeals.

Advisors
When the graduate student is selected, the advisor faculty is appointed. The advisor is responsible for the student's program of graduate study. The student's advisor is responsible for that may arise in connection with the student's program.

Objectives

- The graduate programs offered to students-
 - 1. those who look upon the attainment of a graduate degree as a goal;
 - 2. those working toward a non-degree program;
 - 3. those individuals who plan to pursue a graduate degree.
- The specific goals of graduate study are:
- A. further develop abilities to

Vision Statement

How does a university plan strategically? It creates a vision of what it wants to be and then plans how to achieve that vision. At MSU, our new vision statement contains commitments which we will strive to keep as the new century looms before us.

(1) To make sure our academic programs and support services are of the highest quality and clearly focused on the needs of our students and the regional community,

A. further develop abilities to

- B. improve the skills needed for concise, correct, and coherent exposition;
 C. develop the principles and techniques of research and the accepted forms of reporting research findings;
 D. practice creative thinking, initiative, resourcefulness, and responsibility;
 E. become specialized in an area through advanced in-depth study; and
 F. develop a keen awareness of the significance of current knowledge and developments -- of being an informed person.

Prestonsburg

Big Sandy Extended Campus Center
 719 University Drive
 Prestonsburg, KY 41653

West Liberty

Licking Valley Extended Campus Center
 1084 Hwy 7, P.O. Box 190
 West Liberty, KY 41472-0190

Student Responsibilities

It is the responsibility of the graduate student to become thoroughly informed about the general regulations for graduate study and the specific program of study requirements as stated in this catalog. The graduate student is expected to meet regularly with the assigned advisor to plan the graduate program. If there is a question about the assigned advisor, the student should contact the Graduate Office at (606)-783-2039.

The graduate student is also responsible for completing all program requirements within the permitted time limit. A plea of ignorance of the rules in requesting a waiver of the general regulations or program requirements as stated in this catalog will not be accepted. If an exception is to be made, based upon extenuating circumstances, such a request must be approved by the graduate dean and/or the Graduate Committee.

Whitesburg

HC 71, Box 97
 Whitesburg, KY 41826

University Services**International Education**

Morehead State University offers opportunities in various countries that awards academic credit, the student which they would normally be eligible to receive as a member of the Cooperative Education Program. Study abroad programs are scheduled during the fall semester. Students can enroll in the program in which they are enrolled at MSU. MSU is a participant in the Kentucky Consortium for International Education, allowing university faculty and students to study in Greece, Spain, Germany, China, Ecuador, and Mexico during the summer sessions and fall sessions. Although other subject areas may be available, the following are also available in Mexico and South America.

Regional Campus Study

The University conducts an extensive regional-campus education program. Instruction is offered at regional centers/sites in Ashland, Prestonsburg, Pikeville, Whitesburg, West Liberty, Jackson, Maysville, and Mt. Sterling. All courses are approved for credit. For further information concerning regional study contact either the regional campus coordinator in 215 Allie Young, phone (606)-783-2605 or the regional directors/coordinators as listed.

Ashland

Ashland Area Extended Campus Center
 1401 Winchester Avenue
 Ashland, KY 41101 (606)-327-1777 1-800-648-5370

Jackson

P.O. Box 602
 1170 Main Street
 Jackson, KY 41339 (606)-666-2800 1-800-729-5225

Maysville

Maysville Community College
 8061 Stonelick Road
 Maysville, KY 41056 (606)-759-7549

Mt. Sterling

Miller Community Center
 209 N. Maysville Street
 Mt. Sterling, KY 40353 (606)-498-8784

Pikeville

Appalachian Graduate Consortium
 Pikeville, KY 41501 (606)-432-9320

Graduate

MSU is a participant in the Kentucky Consortium for International Education, allowing university faculty and students to study in Greece, Spain, Germany, China, Ecuador, and Mexico during the summer sessions and fall sessions. Although other subject areas may be available, the following are also available in Mexico and South America.

An additional consortium member institution in Belgium, The Netherlands, and the United Kingdom vary at each institution, but frequent opportunities are available. Additional information about an international education program can be accessed by contacting the Director of International Education, Morehead State University, Morehead, KY 40351 or (606)-783-2039.

English Language Center

Students take intensive courses in reading, writing, listening, and speaking comprehension, and developmental speaking and writing courses. Students are placed into the level of study that matches their current level. Classes consist of 10-12 students each. This makes it possible to give special personal attention to each student. Students are able to enroll at MSU without

information contact the English Language Center at (606)-783-2015.

Library

Camden-Carroll Library is the information center of Morehead State University. The Library's collection of books, periodicals, government documents, and non-print materials supports the University's curriculum and provides a wealth of materials to meet students' research, recreational, and personal enrichment needs.

"Information literacy" has been identified as a set of skills necessary to compete in today's service-oriented economy. The Library's online catalog, the Kentucky Virtual Library, and a galaxy of online databases accessible through the World Wide Web afford students the opportunity to develop these critical skills through hands-on experience with sophisticated information storage and retrieval systems. Library staff are available to recommend sources and to help define research needs and suggest strategies obtained by contacting the Testing Center at www.morehead-st.edu/units/weband.

Through its Interlibrary Loan services, the Library participates in state and national resource-sharing networks to obtain materials not available locally. The Extended Campus Library Services Office is responsible for providing research, document delivery, and instructional services to the faculty and students in any of Morehead State University's Campuses, Distance Learning, or Internet programs.

The Learning Resource Center (LRC) is a multi-media center containing computer software, video recordings, audio cassettes and CDs, kits, and teaching aids. The LRC also includes children's literature and a pre-school-grade 12 collection of textbooks and guides. In addition, a University microcomputer lab is located in LRC.

The Learning Technology Lab consists of six workstations providing hardware and software for creating computer graphics, web sites, and presentations.

The Library is open seven days a week. Regular hours are Monday through Friday 7:30 a.m. - 11:00 p.m.; Saturday 7:30 a.m. - 6:00 p.m.; Sunday 1:00 p.m. - 11:00 p.m. Hours are subject to change during vacation periods. Call (606)-783-2200 to request services or obtain further information, or visit the library web site at <http://www.morehead-st.edu/library>.

Technology Resources

Morehead State University through the Office of Information Technology provides a variety of computing resources in support of instructional, administrative, and research activities. These resources include a Hewlett-Packard G60 used for instructional and research purposes and a Hewlett-Packard K360 used for administrative computing. Several other minicomputer systems and ALR servers are maintained to support web, email, and other academic and administrative functions. Over 1600 microcomputers located in classrooms, labs and offices are replaced on a four-year cycle to maintain desktop technology across campus.

The University maintains over 35 networked student lab/classroom facilities to students throughout the campus including a 100-station open access computer lab located in the basement of the Camden-Carroll library. All instructional and administrative facilities are attached to a campus telecommunications backbone that provides high speed data access to local, state, national, and international networks through the Internet.

Access to student services such as course registration, financial aid processing, and fee payments is available to students and prospective students through the campus web site at www.morehead-st.edu. The University instructional programs utilize computing resources for programming, problem solving, computer-assisted instruction, simulation, and word processing, electronic mail, research, and other activities.

Other technology resources available as well as free local phone service as well as free local phone living in a residence hall. Various information technology resources available to students.

Testing Center

The Testing Center provides information and resources for students preparing for the Graduate Record Examination (GRE), the Praxis series, the Law School Admission Test (LSAT), the Foreign Language Test (TOEFL), and the

Counseling and Health Services

The Office of Counseling and Health Services provides MSU students with a variety of services including career counseling, group counseling, and individual counseling. The Health Clinic provides primary care services. Health clinic hours are from 8:00 a.m. until 4:30 p.m., Monday through Thursday. The Counseling Center hours are 8:00 a.m. until 4:30 p.m., Monday through Friday. Call (606)-783-2200 for more information.

Minority Student Services

The Office of Minority Student Services provides a variety of services to minority students at MSU. The Office of Minority Student Services is located in the Camden-Carroll Library. Hours are from 8 a.m. to 4:30 p.m., Monday through Friday.

Career Services

The Office of Career Services provides a variety of services to MSU students and alumni. The Office of Career Services provides career planning, job search counseling, and other services. The Office of Career Services is located in the Camden-Carroll Library. Hours are from 8 a.m. to 4:30 p.m., Monday through Friday.

Alumni Association

The Morehead State University Alumni Association provides a variety of services to MSU graduates and former students. The Alumni Association provides information and resources for graduates and former students. The Alumni Association is located in the Camden-Carroll Library. Hours are from 8 a.m. to 4:30 p.m., Monday through Friday.

who make an annual contribution to the MSU Foundation, Inc., and request applicable. students are strongly encouraged to apply for membership. All graduates receive publications of the association. Active members receive several benefits such as discounts on concert tickets and season football or basketball tickets. Insurance is available from the Alumni Association for dependent children or grandchildren, and invitations to special alumni activities. Invitations must be returned to the Office of Alumni Activities.

The Alumni Association plans and coordinates Homecoming Weekend in the fall. Each year for alumni to return to MSU for a variety of activities. The Alumni Association also coordinates the Senior Celebration activities, a prestigious alumni awards banquet, and other activities tailored to alumni interests.

Housing

Graduate students who desire to reside in University housing need to request a Housing Application on the Application for Admission to Graduate Study. The Office of Student Housing will mail an application to the student. All housing arrangements should be made in advance of the term the student expects to begin graduate study. Student-produced full-format.

Students are assigned to housing by date of application/deposit received by the Office of Student Housing. Full-time students are permitted to live in a University residence. Part-time students who have received special permission from the Office of Student Housing may live in a University residence.

The University maintains modern comfortable housing for single students, single parents, and married students. Single graduate students may be eligible for family housing if the apartments are not needed for assignment to married couples or single parents. Morehead State University is a student organization encompassing a variety of activities. Opportunities exist for students who find it necessary to remain on the campus during periods when the halls are closed. A nominal fee is charged.

Depending on availability of space, commuting students may stay overnight in campus housing in the event of inclement weather, for academic assignments, or for other necessary reasons. Housing may also be available for students living in residence halls who find it necessary to remain on the campus during periods when the halls are closed. A nominal fee is charged.

Food Services

Morehead State University maintains dining facilities on the east and west campus. The facilities on the east end of campus are located on the second floor of the Adron Doran University Center. The dining facilities on the west side of campus are located on the first floor of the Alumni Tower residence hall.

Dining concepts in the Adron Doran University Center include traditional and contemporary vegetables as well as food court selections such as soups and salads, deli sandwiches, and pasta. The Adron Doran University Center also includes national chain restaurants and sub-contractors of the University.

Students may use food services on a cash basis or by depositing money in advance into MSU's Diner's Club. The Diner's Club dollars may be used by presenting the Diner's Club ID card to the cashiers in any food service location.

Automobile Registration

A valid Morehead State University parking decal or permit is required for any motor vehicle owned or operated by Morehead State University students and parked on property owned or controlled by Morehead State University. Registration information is available from the Office of Public Safety.

Student Trip Insurance

Student trip insurance is available for students accompanying faculty and staff on University sponsored field trips, including overseas travel. The cost is minimal.

Student Publications

The Trail Blazer, the official student newspaper, is distributed on the campus.

Inspiration, a biannual literary magazine, is published by University students. Sketches from University students should be made in advance of the term the student expects to begin graduate study. Student-produced full-format.

Cultural, Religious, and

Students may take advantage of a variety of cultural, religious, and recreational activities on campus. Art exhibits, events, and housing throughout the year. Parents and other necessary student organizations encompassing a variety of activities. Opportunities exist for students who find it necessary to remain on the campus during periods when the halls are closed. A nominal fee is charged.

Sexual Harassment Policy

Purpose of the University's policy is to establish the University's policy on sexual harassment.

Application of this policy applies to all employees and subcontractors of the University.

Enforcement of this policy shall be in accordance with the laws of the Commonwealth of Kentucky or the United States.

Definition

Sexual harassment (which includes any motor vehicle owned or operated by Morehead State University students and parked on property owned or controlled by Morehead State University. Registration information is available from the Office of Public Safety.)

Unwelcome sexual advances, verbal or physical conduct, or any other conduct that creates a hostile or offensive work environment when, (1) submission to such conduct is explicitly or implicitly a

or academic advancement, (2) submission to or rejection of such conduct by an individual is used as the basis for employment decisions or academic decisions affecting such individual, (3) such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance or creating an intimidating, hostile, or offensive working or academic environment.

Because the mere allegation of sexual harassment may be devastating to the reputations of all parties, justice requires that nomenclature be uniform concerning consensual relationships be established and that a fair and well-understood procedure be adopted to carry out University policy.

Although sexual harassment may occur between persons of the same university status i.e., student-student, faculty-faculty, the most invidious form of sexual harassment which occurs when power inherent in a faculty member, administrator, or supervisor relationship to students, advisees, or subordinates is unfairly exploited; that harassment takes place in part because of a power differential which occurs between faculty and student or supervisor and subordinate. (Throughout this policy "faculty" or "supervisor" should be read to include any position of authority.)

Because of the volatile nature of a claim of sexual harassment, the procedure below use the term "complainant" for the person making the claim of sexual harassment and "respondent" for the person against whom such claim is made. These terms used throughout both the informal and formal procedures for resolving such claims ensure the dignity of all parties.

Consenting Relationships

Consenting romantic and sexual relationships between faculty/staff and between supervisor and employee are a fact of the adult university community. Nevertheless, while such relationships are not forbidden, they may be deemed especially in situations where there is a power differential between the subordinate, as in a faculty member's power to confer grades, praise, etc. individuals are specifically warned against the possible costs of even an consenting relationship.

A faculty/staff member who enters into a sexual relationship with a student or a supervisor with a subordinate, professional power differential exists, must realize that if a charge of sexual harassment made, it will be exceedingly difficult to prove immunity on grounds of mutual consent where the facts establish that a faculty/staff/student or supervisor/subordinate power differential exists.

Sanctions for violation of Morehead State University's sexual harassment policy include termination of employment with the University, or, in the case of dismissal. Retaliation against any complainant is prohibited and the sanctions retaliation may be as severe as the sanctions for perpetration of the sexual harassment.

Procedures for Resolving Sexual Harassment Complaints

The policies and procedures set forth herein constitute the exclusive remedy for sexual harassment at Morehead State University. Although the policy against sexual harassment is uniform throughout the University, the procedures for resolving a complaint vary by nature of the relationship between the complainant and the respondent and by whether the complainant chooses to try first to resolve matters through informal procedures below.

Although the President of the University, as the chief executive officer, is ultimately

responsible for enforcement of the harassment policy promulgated here person of the opposite gender. To whom one wishes to bring a complaint. Depending upon the relationship responsible for enforcement of the a clear policy b. Where the complainant is a individual's status as an e University employee, or whether that employee is al person is that Affirmative Action Committee may be asked to be made available. showed the complainant or respo would be referred to the President enforcement of this sexual harass As often as is practicable, the should be published in *Guide, The* and other appro because of the changing nature relationship of societal norms wh men, it is quite probable that some ignorance, lack of education or ge the same whether the sexual harass sexual harassment policy is to he: sensitivity training for those who circumstances in which mis- unders obligated once all of the facts be invited to use the following inform However, it is not the intent of M apparently use informal means to remedy sexual informal process is futile, uncom the formal process set forth below Informal Complaint Procedure begin the informal procedure writing, the Vice President for St or superior should invite the compla: possible time and the official sho take place after normal working ho the official should listen fully t complaint informally. The Univers: complainants will have had training official (or designee) should offe option(s) chosen should be with th the complainant may drop the compl The official should offer t (or the complainant). 2. The official should offer t including the appropriate v

3. The official should offer the complainant the option of writing a letter to the receiving official taking the respondent. The letter should be hand delivered or sent to the respondent at the respondent's place of business by certified, return-receipt mail. The letter should include an account of what happened, a description of how the complainant feels about what happened and what corrective action should be taken. This informal process may result in the official taking the action specified in Section 2, above. Unless the complainant exercises the "letter option," it shall be expected that the problem on an informal basis shall be completed within ten working days of notification. If the letter option is used, the informal process should be completed within 20 working days. These times are only guidelines since the complainant may abandon the informal process at any time.

Formal Complaint Procedure

Should the complaint not be resolved on an informal basis, or should the complainant choose directly the remedy of a Formal Sexual Harassment Complaint, the complainant must file a written statement with the appropriate official designated above. The statement will be called a "Formal Sexual Harassment Complaint."

The complaint must be in writing and must contain, at the minimum, the following:

1. The name, address and telephone number of the complainant.
2. The full name, address and telephone number of the respondent, if known.
3. The date upon which the sexual harassment occurred, or if continuing, the date upon which the harassment started.
4. The exact nature of the sexual harassment described in plain English. (It is not sufficient simply to state that one was verbally or physically harassed nor is it acceptable to simply repeat the prohibitions against sexual harassment in the official university policy.) The complainant may use as many paragraphs as he or she wishes to explain in as much detail as possible the nature of the harassment.
5. The steps, if any, which were taken to stop the harassment or resolve the problem. (It is not necessary that any steps have been taken. The University recognizes that some victims of sexual harassment may feel they have no options to stop the harassment.)
6. The names of any persons whom the complainant believes may have knowledge which would be helpful to the resolution or understanding of the complaint.
7. The names or titles of any persons who should not be contacted regarding the complaint without the express permission of the complainant.
8. The nature of any immediate action which must be taken to protect the complainant from retaliation or further sexual harassment.
9. What ultimate action the complainant requests of the University, e.g., transfer of the complainant, dismissal or transfer of the respondent, etc.
10. The complaint must be signed by the complainant.

Each official is required to assist any prospective complainant in the filing of a complaint. It is the responsibility of the complainant to ensure that the complaint reaches the appropriate official, preferably by hand delivery by the complainant or a designee). The receiving official must then determine if emergency action must be taken to protect the complainant or respondent. After such actions are taken, the official should begin to investigate the complaint. Throughout the investigation process, to the extent possible, confidentiality will be maintained as to the identities of the parties. However, it must be recognized by the complainant that anonymity cannot be maintained from the respondent.

I. Students' Rights to Inspection of Records and Review Thereof

- 1. Any student or former student of Morehead State University has the right to inspect and review any and all "official records, files, and data directly related to the student. The terms "official records, files, and data" are defined as follows but not limited to:
 - A. Identifying data
 - B. Academic work completed
 - C. Level of achievement (grades, standardized achievement test scores)
 - D. Attendance data
 - E. Scores on standardized intelligence, aptitude, and psychological tests
 - F. Interest inventory results
 - G. Family background information
 - H. Teacher or counselor ratings and observations
 - I. Verified reports of serious or recurrent behavior problems
 - J. Cumulative record folder
- 2. The institution is not required to make available to students confidential information of recommendation placed in their files before January 1, 1975.
- 3. Students do not have the right of access to records maintained by the law enforcement officials.
- 4. Students do not have direct access to medical, psychiatric, or similar records which are used solely in connection with treatment purposes. Students are allowed the right to have a doctor or other qualified professional inspect their medical records.
- 5. Procedures have been established by the University for granting the access to the records within a reasonable time, not to exceed 45 days from the date of the request.
- 6. The University shall provide students an opportunity for a hearing on the content of their records to insure that the records are not inaccurate, misleading, or otherwise in violation of the privacy or other rights of the student.

A. Written consent of the student is required for the release of copies of the materials to the student.

B. The information is furnished by subpoena, upon condition that the student pay the costs of subpoenas in advance of compliance.

III. Provisions for Students Required to Register
The student or former student must register with the registrar of the University.

IV. Provisions for Authorized Personnel

- 1. Authorized personnel must provide a written request for examination of records, showing the purpose of the request.
- 2. Authorized personnel who have access to records must maintain the confidentiality of the information.
- 3. Other persons must have specific written approval of the University's registrar to access records.

Financial Information

Fees

The proposed registration fee (2% of the proposed fee) for non-resident graduate students is \$1,700.00. The proposed fee is \$1,700.00 for Kentucky residents and \$1,700.00 for non-Kentucky residents. The proposed fee is \$1,700.00 for part-time graduate students and \$1,700.00 for full-time graduate students. The proposed fee is \$1,700.00 for students who are enrolled in more than one program. The proposed fee is \$1,700.00 for students who are enrolled in more than one program. The proposed fee is \$1,700.00 for students who are enrolled in more than one program.

II. Restrictions on the Release of Student Records

- 1. Morehead State University will not release records without written consent of the students except to:
 - A. Other local educational officials, including teachers of local educational agencies who have legitimate educational interest.
 - B. Officials of other schools or school systems in which the student intends to enroll, upon the condition that the student be notified of the transfer and receive a copy of the record desired, and have an opportunity to challenge the accuracy of the records.
 - C. Authorized representatives of the Comptroller General of the United States, the Secretary of Health, Education, and Welfare, or an administrative head of an education agency, in connection with an auditor evaluation of federally supported programs; or
 - D. Parents of dependent students.
- 2. Morehead State University will not furnish personal school records to anyone other than the described above unless:

Refund Policy

The following is the tuition refund policy:

Fall or Spring Term

Students who withdraw from a course during the first five days of class will receive a full refund. During the next ten days of class, a 50% refund will be given. During the next five days of class, no adjustments are given after the first day of class.

Summer Terms

During the first two days of class, a full refund will be given. During the next four days of class, a 50% refund will be given. During the next two days of class, no refunds are given after the first day of class.

Graduate Assistantships

A number of graduate assistantships are available each year for graduate students who have been admitted unconditionally to a graduate degree program. These graduate assistantships provide a stipend of \$5,000 for the fall and spring semesters. A graduate assistant must be a full-time student who maintains a 3.0 grade point average and registers for at least nine graduate credit hours (500-600 level), but no more than 12 hours credit each semester. Twenty hours a week must be devoted to the duties of a full-time graduate assistant. While non-resident students are not required to pay out-of-state tuition, all graduate assistants must pay the regular Kentucky resident and incidental fees. All graduate assistants must live on the free University housing. The housing rate is based on a double occupancy room in the Cartmell Hall.

If the student desires to reside in University housing outside of Cartmell Hall, the student is responsible for paying the difference in the room rates. Likewise, if the student does not begin is lower in cost the student will not be eligible for a refund of the difference. Graduate students are eligible to receive a graduate assistantship for two years. Failure to maintain a 3.0 g.p.a will result in the loss of the Graduate Assistantship position associated with the award.

1. Departments planning to use graduate assistants should identify a member of the graduate faculty to coordinate the activities of the graduate assistant(s).
2. The faculty member should furnish each graduate assistant with a job description which outlines his/her duties. The graduate assistant must agree to these duties and sign an acceptance form.
3. Unless exempted by SACS standards, a graduate assistant, who has teaching responsibilities, must have completed at least eighteen (18) graduate semester hours in his/her teaching field and must be supervised by a graduate faculty member with teaching experience in the same field. The graduate assistant must be supervised on the part of the faculty member must include inservice training and evaluation.
4. Any grievance must be routed through the supervising faculty, department chair or director and the Graduate Dean.
5. A student for whom English is a second language may be employed as a graduate assistant only when a test of spoken English or other reliable evidence of the applicant's proficiency in oral communication and speech indicates that his/her appointment is appropriate.

Basic Procedures for Graduate Assistant (GA) Awards

1. The Graduate Office notifies, by April 1, the Deans/Department Chairs or Unit Heads the number of graduate assistants allocated to each unit.
2. Individual units are responsible for recruiting and nominating candidates for assistantship positions as early as possible before the semester begins.
3. The Graduate Office reviews all credentials of the nominees, and notifies the unit and the candidates of their **Candidates should not begin work until they have been cleared by the Graduate Office and the Office of Human Resources.**
4. Once awards are approved, the money is transferred from the Graduate Office into the unit's account.

University Keys

Students employed as graduate assistants may obtain University keys necessary for

performance of their duties by in- be processed via the same procedure form must indicate a date that the provides key services between the Full day and registers

Financial Aid

principals in the form of v Mainhead State University. Under graduate students (other than those campus. The pay rate for all work-

Low-interest federal loans available Federal Direct Loans. Interest charges do not begin for those who are at least a half-t- financial aid, st- aid (MSU) and an MSU Student Financial Aid (MSU) available in the Office of Financial Aid. The phone number is (606)-783-2011

Financial Aid Satisfactory

The Higher Education Act mandates standards of satisfactory progress. This means that a student must maintain a satisfactory grade point average during each term that is a federal, state, and institutional requirement. At Morehead State University, inservice training and must demonstrate satisfactory academic progress. Graduate students will be considered for financial aid purposes as long as a student must successfully complete these hours attempted during the semester for this purpose is defined

1. A student must successfully complete these hours attempted during the semester for this purpose is defined
2. A student must maintain a minimum cumulative grade point average of 2.0
3. A student has attempted no more than 150 credit hours at Morehead State University. (Exception: Those students who will be permitted to attempt more than 150 credit hours at Morehead State University.)

Policies and Procedures

The specific policies and procedures are outlined below:

1. Satisfactory progress will be determined by the Office of Financial Aid. (Federal Direct Loan, evaluation of the loan application.)
2. Hours attempted for purpose of financial aid purposes will be those hours for which the student receives a grade of C- or better.
3. For graduate students, graduate credit hours attempted will not qualify as successful credit hours unless the student is not in a credit remedial course.

of K or P are received are not figured in the calculation of a student's grade point average.

5. If otherwise eligible, students will be given financial aid during a term and will not be required to repeat a course.
6. A student who fails to maintain satisfactory progress as defined will not be permitted to receive federal, state, or institutional financial aid.²

Procedure for Appeal for Students Who Fail to Maintain Satisfactory Progress Standards

Students who fail to meet satisfactory progress standards as defined may appeal the ruling to the Office of Financial Aid if they believe extenuating circumstances led to their failure to maintain satisfactory progress. Those desiring to appeal must do so in writing on the Satisfactory Progress Appeals Form and must attach supporting documentation. Copies of the appeal form may be obtained in the Office of Financial Aid. Students will be notified in writing of the action taken on their appeal.

Reinstatement of Financial Aid Eligibility

Should a student's financial aid eligibility be terminated for failure to maintain satisfactory progress as defined, the eligibility for financial aid will not be reinstated until the student enrolls for a subsequent academic term (fall, spring, or summer term) at his or her own expense and completes the term satisfying the satisfactory progress definition.

Financial aid eligibility will be reinstated immediately for all students whose appeals are upheld.

Veterans Administration (V.A.) Educational Assistance

For eligible veterans (G.I. Bill) and/or eligible children, wives, and widows of veterans who died or were permanently and totally disabled as the result of service in the U.S. Armed Forces. Eligibility is determined by the V.A. For information and application forms, contact the U.S. Department of Veterans Affairs Regional Office, P.O. Box 66830, St. Louis, MO, 63166-6830, phone (toll free) 1-888-442-4551.

Residency for Fee Assessment Purposes

The Council on Postsecondary Education for the Commonwealth of Kentucky, in accordance with Section 164.020(3) of the Kentucky Revised Statutes, has adopted the policy by which residency for fee assessment purposes is defined and determined. The policy is applied to determine a student's eligibility for fees assessed Kentucky residents who enroll at any state-supported institution of higher learning in the Commonwealth of Kentucky. This determination is made at the initial time of enrollment.

Every student who is not a resident of Kentucky as defined by the policy enacted by the Council on Postsecondary Education is required to pay non-resident registration and/or entrance fees.

Any student or prospective student in doubt concerning his or her residency status must bear the responsibility for securing a ruling by completing an Application for Student Residency Reclassification for Fee Assessment Purposes and returning it to the Graduate Office, Morehead State University. The student who becomes eligible for a change in residence classification, whether from out of-state or the reverse, has the responsibility of immediately informing the Graduate Office of the circumstance in writing.

Procedure for Determination of Student Residency Status for Fee Assessment Purposes

Students wishing to apply for financial aid should submit it to the Graduate Office. Graduate students may be sought from the Graduate Office. If the student wishes to appeal, a copy of his or her file should be submitted to the Post Secondary Education Review.

Academic Information

Graduate Degree Programs

Master of:	Page
Business Administration	31
Music	91
Music Education	92
Performance	92
Master of Arts in:	
Adult and Higher Education	59
Art	85
Art Education	85
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Communications	86
Advertising/Public Relations	86
Electronic Media	86
Journalism	86
Speech	86
Theater	86
Education	37
Elementary Education P-5	37
Middle Grades 5-9	39
Reading/Writing Specialist	41
International Educators	40
Special Education	45
Secondary Education 8-12	55
Elementary/Secondary Guidance	56
English	89
Health, Physical Education, Recreation	68
Health & Physical Education	69
Exercise Physiology	69
Sports & Recreation Administration	69
Psychology	72
Clinical	72
Counseling	75
General	77
School Administration	63
Sociology	80
Sociology (General)	80
Criminology	81
Gerontology	81
Master of Science in:	
Biology	99
Vocational Education/Technology	95
Agriculture	95
Human Sciences	95
Industrial Education	95

Post Master's Degrees in:

Ed.S.
Elementary
Adult and Higher Education
Curriculum and Instruction
Guidance and Counseling
Instructional Leadership
Ed.D. (Cooperative with U.K.)
Educational Policy Studies and
Instruction & Administration
Kinesiology and Health Prom
Special Education

Graduate Non-Degree Programs

Fifth Year Programs in:

Elementary
Secondary

Rank I in:

Elementary
Guidance and Counseling
Secondary
Special Education
Vocational Education

Certification Programs in:

Director of Pupil Personnel Service
Director of Special Education
Elementary Guidance Counselor
Gifted Education
Interdisciplinary Early Childhood
K-12 Principal
Learning & Behavior Disorders
Moderate & Severe Disabilities
Reading & Writing
Secondary Guidance Counselor
Superintendent
Supervisor of Instruction
Vocational Education Supervision a
Vocational School Principal

General Requirements

Admission to graduate study is granted to students who meet the academic requirements and who hold a baccalaureate degree from Morehead State University or some other accredited institution of higher education, and to certain qualified Morehead seniors with a minimum grade point average (g.p.a.) of 2.5 on all undergraduate work and a minimum total Graduate Record Examination score of 1000 for most programs are required for unconditional admission. However, some programs require a higher g.p.a and GRE score. For admission to the MBA program the Graduate Management Admissions Test is required.

All graduate students will be limited to twelve graduate credit hours unless they are unconditionally admitted to a graduate program.

Types of Admission

1. Unconditionally - a student who meets the requirements for both general admission to graduate study, and for a particular program. A copy of the teaching certificate is also required for education students wishing to obtain a change in rank or to pursue additional certifications.
2. Conditionally - a student who meets the general requirements for admission to graduate study, but fails to satisfy one or more of the special requirements for admission to a particular program. This is a temporary classification, and must be changed as soon as the specified conditions are satisfied.

All graduate students will be limited to twelve graduate credit hours unless they are unconditionally admitted to a graduate program.

3. Unclassified - a student who meets the requirements for admission to graduate study, but does not wish to work toward a graduate program. Students should note that no more than nine semester hours of graduate credit earned as an unclassified student may later be applied toward a program, and only at the discretion of the advisor and the dean of graduate programs. If a student is admitted as an unclassified student for the purpose of seeking initial teacher certification, he or she must meet specific requirements for admission to the teacher education program. Admission as an unclassified student seeking teacher certification does not automatically admit a student to the teacher education program. A separate application must also be made in the Office of Teacher Education, 801 Ginger Hall, (606)-783-2255.
4. To qualify - a student whose undergraduate g.p.a is slightly below 2.5, but less than 2.3. A student so admitted may, after completing a minimum of one semester hours of graduate work with at least a g.p.a. of 3.0, be considered for admission to a degree program. Upon admission to a program, six of the semester hours of graduate credit may be counted toward meeting degree requirements.
5. To a Non-degree Program - a student who wishes to do a planned graduate program that leads to renewal or additional certification, but not to a degree. Prerequisites are a baccalaureate degree and a teaching certificate.
6. Visiting Student - a student who has been admitted to a graduate program at another institution. Such a student may enroll at Morehead State University by submitting a visiting student application upon which his or her graduate dean or registrar certifies that the student is in good standing and has permission to enroll for graduate work at Morehead State University. A transcript of previous work is not needed.
7. Senior at the University - a student in the final semester of undergraduate study who has a minimum g.p.a. of at least 2.5 may apply to enroll concurrently in

courses for graduate credit total of 12 semester hours:
 Semester Hours of Undergraduate Credit Needed
 9
 6
 3

If the work for a baccalaureate combined course load is not to exceed graduate courses is made to take are available in the Graduate Office. If for any reason requirements are not met, no further progress until the requirements for the baccalaureate study has been granted.

Special Admission

There are two groups of students
 1. International students, when given Language Institute Test of the Foreign Language (TOEFL) given tests taken, a minimum score for admission to most graduate Master of Business Administration on the computer based exam in 1977. Students who have a bachelor's degree and have passed the English requirements, and have submitted their official obligations. Intern score or those who want to upgrade English Language Center, students who complete the advanced required TOEFL score. The TOEFL score is required for students from non-English speaking countries. For further information contact the U.S. Consul in the country.
 2. Graduates of non-accredited colleges before their applications for undergraduate preparation is in designated courses that will not be acceptable for this credit for such work is required by the Graduate Record Examination score.

Applications

Graduate study applications may be obtained from the graduate department, regional program offices, or directly from the website: www.morehead.edu/graduate/sfs.html.

Ginger Hall. From this office the applications are forwarded to the appropriate departments for evaluation and admission recommendations are made to the graduate dean, the official graduate admitting officer.

Changing Your Program

To change a program, the student must file an official change of program form in the Graduate Office. No change is effective until approved by the graduate dean.

The Second Master's Degree

Students completing one Master's degree may apply for admission to another degree program. To complete a second Master's degree, a student must:

1. meet admission requirements;
2. complete a minimum of 15 graduate semester hours of MSU residence credit approved courses after the first Master's degree has been awarded. (Additional courses may be necessary to meet the degree requirements.)
3. pass a final examination.

A student who enters the Master's degree program after completing the non-Fifth-Year program must:

1. present satisfactory Graduate Record Examination scores;
2. complete a minimum of 15 graduate semester hours of Morehead State University residence credit. (In meeting specific degree requirements, a minimum of 18 semester hours will be required if only 12 semester hours of graduate work was done for the Fifth-Year);
3. pass a final examination.

Catalog Applicable

The University is obligated to abide by the program requirements listed in the Graduate Catalog at the time a student is initially admitted to a particular program of study provided that the program is completed within the acceptable time limit. A student may meet subsequent regulations cited in a later Graduate Catalog.

Degree Requirements

The University requirements for all master's degrees are:

1. A minimum of 30 graduate semester hours without a thesis, or 24 graduate semester hours with an acceptable thesis.
2. No credit earned by correspondence or through testing programs may be applied on the requirements for the Master's degree.
3. Residence credit is given for all MSU course work completed on the campus or at the regional study centers. Not more than nine hours of approved transfer credit work will be accepted toward the minimum requirements for the master's degree.
4. Fifty percent of these work (minimum of 15 semester hours) must be earned in courses open only to graduate students (courses numbered 600 and above).
6. Fifty percent of these work (minimum of 15 hours) must be earned in one field of study.
7. A minimum average of 3.0 is required on all work offered for the degree, and no credit is allowed for a mark below C.
8. A minimum of 20 semester hours must be earned in regular, organized classes. A maximum of 9 semester hours may be earned through television courses (excluding compressed video, Internet courses, and distance learning), independent study (excluding thesis), directed study, special problems, or workshops.
9. Satisfactory completion of a comprehensive exit examination. For specific requirements of a particular program (which may go beyond the minimum)

Time Limitation

From the time a student begins work which to complete it. If a degree suitable courses must be completed

Transfer Credit

A maximum of nine semester hours may be accepted toward meeting requirements if credit has been earned the date on which the graduate work is acceptable as credit from which transfer is sought. The courses to be transferred must be approved by the graduate dean. Approval is given using the following criteria: length of course work, availability of lab requirements, and faculty member's approval.

Transfer credits taken during the completion until official transcript is received by the Graduate Office. In order to transfer a course

Course Substitution

The course substitution form is used to request a course to be substituted must be relevant to the requirements and must be applied

Thesis

Transfer credit may be applied toward beginning work on a thesis. A minimum of two copies of the final thesis, must be submitted to the graduate dean by the term in which the student anticipates completing the thesis. In master's degree programs offer the thesis, contact your advisor for more information.

Final Examinations

Any student with more than two fields of study is entitled to have the examination rescheduled. In case the lowest number of fields of study is first alphabetical order of the fields of study exercised in writing to the appropriate

meeting.

Comprehensive Exit Examination

The student must pass a final comprehensive examination—oral and/or written in the field of study. This examination will include the defense of the student's work in one or more written. For further information, contact the appropriate program coordinator or department chair.

Applying for the Degree

The student must file an application for the Master's or Education Specialist degree before his or her name will be placed on the list of graduates. This application should be made in the Graduate Office a minimum of two months prior to commencement for the fall and spring semesters, and a minimum of two weeks prior to the end of the summer term. There is a \$10 graduation fee which must be paid by the degree candidate prior to graduation.

Applying for Certification

The student must file an application for completion of non-degree certification in the Graduate Office. It is expected that this be done at the beginning of the term in which the student plans to complete the program. Certain graduate programs are designed to meet certification standards required by public or private agencies outside the University. Completion of these academic programs usually provides the basis for a recommendation for certification or entry into the certification examination. Final determination of the student's eligibility rests with the certifying agency at the time of application.

Commencement

Commencement exercises are held at the close of the fall and spring semesters. All students who have met degree requirements are expected to participate in the graduation exercises unless given prior permission to be absent. Forms for requesting permission to graduate in absentia are available in the Office of the Registrar, located on the main floor.

Student Course Load

The minimum full-time graduate load for a semester is nine semester hours, for the summer term, it is three semester hours. The maximum load is 15 hours for a semester and six hours for each summer term. Half-time status is 4 hours for the fall and spring semesters.

A graduate assistant may not exceed 12 semester hours credit during a regular semester or four semester hours during each summer term.

A student who wishes to change a course load after registration by adding or dropping a course may do so only by completing an official drop/add form.

Course Numbering

Numbers from 500 to 599 preceding a course title mean that it may be taken for graduate credit, while numbers from 600 to 699 preceding a title mean the course can be taken for graduate credit only. In courses numbered 500-599, graduate students will be expected to meet additional course requirements beyond those expected of undergraduates.

Marking System

The faculty evaluates the work done by the graduate student on the following scale:

A - Superior work
 B - Average
 C - Below average, but counts as credit
 D - No credit allowed
 E - No credit allowed
 F - No credit allowed
 IP - Thesis, applied project, or other work not completed by semester calculation
 U - Unofficial withdrawal. Computer points in g.p.a. calculation.
 W - Withdrew Officially. No hours attempted.
 WY - Withdrawal from audit class. No audit credit. No hours attempted.
 The Inmark provides a one-half semester credit because of extenuating circumstances. Requirements are not finished by the end of the term, resulting in a failing grade.
 An IP grade is used to denote the student's research project undertaken in lieu of a thesis or dissertation. An IP grade will remain a neutral grade until the approval of the Graduate Committee. Final determination of the student's eligibility rests with the certifying agency at the time of application.
 The Pass/Fail option is not available for all graduate programs. All audit credit will be utilized for students who do not receive a grade.
Repeating Courses
 A course in which a student receives a grade of C or better, the semester credit will be used for program requirements.
Auditing Courses
 Regular class attendance is expected for all students who enroll in an academic credit. The same registration requirements apply for courses taken for credit. An audit enrollment will not be required to determine full-time status. Determining overload.
 Regular class attendance is expected for all students who enroll in an academic credit. The same registration requirements apply for courses taken for credit. An audit enrollment will not be required to determine full-time status. Determining overload.
 Regular class attendance is expected for all students who enroll in an academic credit. The same registration requirements apply for courses taken for credit. An audit enrollment will not be required to determine full-time status. Determining overload.

by the last day to add a class. Deadlines for change of registration status will be published in the current Directory of Classes. Refunds for withdrawals from audited courses will be prorated on the same basis as refunds for withdrawals from courses taken for credit.

Academic Grievance Procedure

The student complaint procedure for resolving an academic grievance is outlined in the following steps:

Step 1

It is recommended the student discuss the complaint with the person involved. If the complaint involves a grade, the student must take the complaint to the faculty member within the first two weeks of the beginning of the following semester. If the student is not enrolled the subsequent semester, a letter of inquiry must be mailed, within the first two weeks of the beginning of the following semester, to the instructor and the department chair. If the complaint is not resolved at this stage, the student must file a formal complaint.

Step 2

If the question is not resolved at the instructor level, or if the student feels it is not practical to contact the instructor, the student may present the question to the department to which the instructor is assigned. Prior to any action by the department chair, the student will be required to complete a *Student Grievance Form*. The *Student Grievance Form* is available in the Office of the Executive Vice President for Academic Affairs and must be completed and returned to the chair of the department involved. Upon receipt of the *Form* the department chair will request from the instructor a response in writing addressing the questions raised by the student. Within one week after the response is filed in the department chair's office, a meeting will be arranged. The student filing the grievance, the department chair, and the dean of the responsible college will be in attendance. The student may have his or her advisor present. It will be the purpose of the department chair and the respective college dean to review the grievance and attempt to mediate a settlement. The department chair's and the college dean's recommended solution is to be considered by both the faculty member and the student as a recommendation and not as a decision that is binding. Records of this meeting, including recommendations by the department chair and college dean, will be sent to the Executive Vice President for Academic Affairs and to all parties concerned.

Step 3

If the recommendations presented by the department chair and the college dean are not acceptable to the student, he or she may appeal to the Graduate Committee. The student must petition a hearing before the Graduate Committee within one week following the meeting with the college dean and the department chair. Requests are to be in writing and made to the Executive Vice President for Academic Affairs. If the procedure has been followed, the executive vice president will submit to the chair of the Graduate Committee records of all action to date. Within two weeks following the application of appeal, the Graduate Committee will meet and review data and previous recommendations. The committee may request additional information and/or the parties involved to appear before the committee.

The committee's decision will be sent to the Executive Vice President for Academic Affairs, with a copy being sent as a matter of record to the student, faculty member, department chair, and the faculty member's college dean. The executive vice president for academic affairs is responsible for enforcing the committee's decision. The Graduate Committee's decision is final.

Step 4

published in the current Directory of Classes. Refunds for withdrawals from audited courses will be prorated on the same basis as refunds for withdrawals from courses taken for credit.

Cooperative Doctoral Program

Morehead State University and the University of Kentucky are cooperating in a program to pursue a doctorate jointly by these institutions. Applications for the cooperative program should be submitted to the University of Kentucky.

A joint faculty nomination will decide upon the student to be admitted to the program. The student must be admitted to the program by the University of Kentucky.

The program is composed of faculty members from both institutions and is approximately one year of work on campus at the University of Kentucky.

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Full bleed pix



College of

Departments: Accounting, Economics
Marketing & Real Estate

(606)-783-2183
213D Combs Building
e-mail: MSU-MBA@morehead-st.edu

Full Graduate Faculty Albert (Dean)
T. Elliott, D. Everett, R. Hatfield,
S. Walters, L.K. Williams, and M.

Degree Master of Business Administration

Master of Business Administration

The MBA degree program is designed for students who wish to pursue graduate programs in any area. Persons with a baccalaureate degree in any field may enter the program with a minimum of 36 semester hours of college credit. Students with a business core may complete the program in 12 semester hours. Program Director at 606-783-2183

Admission Requirements

1. General admission to graduate programs.
2. Admission is determined by an admission index. INDEX =(undergraduate g.p.a. * 1000). Although no minimum GMAT score is required, a GMAT score is a predictor of success in the MBA program and is accepted in lieu of the GMAT.
3. Only 12 semester hours of graduate credit toward admission will be counted toward the MBA program.
4. International students must take the TOEFL. A score of 525 on this test is required. A score of 525 will not be admitted to the program unless required to complete English 101.
5. In special circumstances, the program may grant a waiver of one or more admission requirements.
6. The Foundation Course Sequence must be completed prior to full admission to the program. C in any course.

Foundation Course Sequence

ACCT 600 Survey of Accounting

or ACCT 281 & ACCT 282 or equivalent	
MNGT 602 Survey of Quantitative and Financial Analysis	3 hrs.
or MATH 354, MATH 152 or equivalent	
ECON 600 Survey of Economics	3 hrs.
or ECON 201, ECON 202 or equivalent	
MNGT 600 Survey of Management and Organizational Behavior	3 hrs.
or MNGT 301 or equivalent	
Total Foundation Course Sequence	12 hrs.

Note: None of the four graduate level survey courses (ACCT 600, MNGT 602, or MNGT 600) satisfy the requirements of the 36 hour MBA program. They are prerequisite courses only. Students applying to the MBA Program must demonstrate working knowledge of word processing and spreadsheet programs.

Dismissal from MBA Program

A student will be placed on probation if that student receives two grades of C in any MBA class. A student will be dismissed from the MBA program if that student receives three grades of C or below in any MBA class.

Requirements for the Degree

1. Satisfy general degree requirements.
2. Completion of the MBA program with a minimum cumulative g.p.a of 3.0

	Sem. Hrs.
ACCT 611 Accounting Analysis for Decision Making	3
BIS 630 Managerial Communications	3
CIS 615 Managing Information Technology	3
ECON 661 Managerial Economics	3
FIN 660 Financial Management	3
MNGT 665 Organizational Behavior	3
MNGT 691 Business Policies and Procedure	3
MKT 650 Marketing Administration	3
Approved 600-level electives	12
Total Hours Required	36

Specialty Options

The 36 hour program is comprised of eight required courses (24 semester hours) and four electives (12 semester hours). For the elective requirement, any combination of approved electives may be chosen, but students may concentrate in the areas of accounting, finance, economics, management, or marketing, or mix electives to suit their own needs. In addition, professional options in Accounting, Bank Management, Human Resource Management, and Computer Information Systems are available.

SPECIALITY OPTION COURSE REQUIREMENTS

Accounting

- ACCT 650 Financial Accounting
- ACCT 683 Auditing Applications
- ACCT 687 Tax Accounting Research &
- ECON 600 Emerging Issues in Management

Bank Management

- FIN 620 Financial Markets
- FIN 622 Financial Services Markets
- FIN 625 Advanced Bank Management
- FIN 628 Asset and Liability Management

Computer Information Systems (CIS)

- CIS 625 Web Information Systems &
- CIS 632 Computer Productivity Tools
- CIS 634 Management of Telecommunications
- CIS 635 Seminar in Information Systems
- CIS 636 Global Information Systems
- CIS 638 Database Systems Design,
- CIS 650 Innovation, Technology and

Human Resource Management

- MNGT 661 Human Resource Topics
- MNGT 662 Human Resource Development
- MNGT 663 Compensation and Benefits
- MNGT 664 Employee Relations

Student Competencies

1. A strong understanding of interrelationships and how these skills in organizational and professional presentations.
2. An improved ability to manage professional presentations.
3. A combination of conceptual and applied knowledge and problem solving at the organizational level.
4. The ability to effectively utilize organizational processes.
5. The capability to anticipate and respond to organizational changes.
6. The ability to think and act strategically, recognizing interdependencies among functional areas.
7. A broad-based knowledge across functional areas and the ability to combine this information in a strategic manner.

Means of Assessing Student Competencies

1. Competencies in functional areas are assessed in each course in the program.
2. Completion of the MBA capstone procedure.
3. Students are expected to participate in the capstone procedure.

and/or interviews during the course of the program.

Full bleed pix

Exit Exam

All students will complete a comprehensive written case while enrolled in the capstone MBA class, MNGT 691, Business Policies and Procedure. Students who receive a failing grade on this written case will be allowed, upon their petition to the MBA Committee, to complete one additional comprehensive written case. Any student who receives a failing grade on this comprehensive written case will be dismissed from the MBA program without being granted the degree.

Full bleed pix



College of Education and Behavioral Sciences

College of Education & Behavioral

Departments: Elementary, Reading and Special Education; Leadership and Secondary Education; Health, Physical Education and Recreation; Psychology; Sociology, Social Work and Criminology

Department of Elementary, Reading and Special Education
(606)-783-2598
301 Ginger Hall

Full Graduate Faculty: Barlow, K. Freeland, D. Grace, K. Herzog, J. Knoll, Lafferty, P. McGhee, T. Miller, B. Niemeyer, P. Oakes, M. Pollock (Interim Chair), E. Schack, M. Schack, W. Willis

Degrees: Master of Arts in Education (Elementary Education P-5 and 5-9, International Educators, Reading, Special Education); Specialist in Education; Cooperative

Non-Degree Programs: Fifth-Year Elementary Teacher Program P-5 and 5-9; Rank Program (Elementary Education, Teacher of Special Education/Exceptional Children Education); Director of Special Education, Certification for Learning and Behavior Disorders, Moderate and Severe Disabilities, Interdisciplinary Early Childhood Education, and Gifted Education.

Admission Requirements

1. General admission to graduate
2. A minimum of nine semester hours be completed before the student program.
3. A minimum total score of 1200
4. A minimum of 2.75 undergraduat

Requirements for the Degree

1. Satisfy general degree require
2. If a student has not become un
3. Students are required to apply date and must have advisor per
4. Examinations may be requi
5. Maintain a 3.0 g.p.a. in all c
6. Completion of one of the follo

Master of Arts in Education, certified grades K-4 or

Master of Arts in Education - Elementary

The Master of Arts in Elementary Education is a professional degree. If or is eligible to hold, a provisional elementary or middle grade teacher's provisional certificate for teachers of special education, or provisional certificate for teachers of exceptional children, he or she may, through different curricula corresponding master's degree. No classes completed to meet initial certification counted on a graduate program.

Following admission, the student should meet with the assigned advisor program of study. Elective courses must be approved by the advisor. After advisor conference, a written program of study will be filed and approved appropriate department chair and the dean of graduate programs. Electives taken without the approval of the assigned advisor or before a program of study has been not be counted in the student's program. The graduate dean, will approve recommended actions of the advisors.

From the time a student begins work on a graduate program he or she has which to complete it. If the program is not completed within the required courses must be completed to replace those more than 10 years old.

Students completing a program for the Master of Arts in Education and certificate requirements in Kentucky are generally accepted for a similar other states. A student who expects to meet certification requirements in should contact the certification authority in that state to determine if requirements which should be included in the program of study for the degree.

- Professional Education.....
- EDF 600 Research Methods in E
- ED 606 Advanced Human Growth
- ED 627 Reading in the Elementar
- ED 632 Elementary School Curric
- ED 637 Early Childhood Educatio
- ED 680 History and Philosophy o
- EDEL 640 Contemporary Instruction
- Electives
- The elective course must be appro
- Research and Directed study will r
- An approved specialization.....
- Select one of the options listed b
- 10 years in
- Select suitable
- 1. English 501, 503, 505, 544, 59
- 2. Mathematics 575,595, 605, 631,
- 3. Biology 553, 580, Science 570,
- 4. Chemistry 690, Geography 502, 5
- 5. There are specific
- 525, 545, 560, 603, 620.
- 5. Psychology 583, 584, 586, 589,

OPTION 2.
Select nine hours from the reading
EDEL 624, EDEL 625, EDEL 626, EDEL

OPTION 3.
Select nine hours from the special education courses listed below.
EDSP 537, EDSP 551, EDSP 602, EDSP 604, and EDSP 607.

OPTION 4.
Select nine hours from the early childhood courses listed below.
EDEC 527, EDEC 528, EDEC 529, EDEC 599, EDEC 670, and EDEC 676.

TOTAL HOURS REQUIRED33.

Students should check with their advisor for approval of courses prior to those courses. The student is responsible for meeting requirements for exam and application for graduation. Course requirements may change if requirements change. No course used for the initial teaching certificate the Master's degree.

choice examination covering the s
Even if transfer courses are accep
required courses on the exam. The
summer terms; it is scheduled and
have advisor approval and should o
Students should apply to take the
the exam.
Students should arrange to complet
which they plan to complete the de
The exam (alternate form) may not
summed session following the first
successfully, the complete an oral exa
and if it is the student's res
that semester or
department chair.

Student Competencies

- 1. Delineate the patterns and norms of behavior common to all children due to heredity and the shared aspects of the general culture (EDEC 637 and EDF 610).
2. Differentiate among the various theories appropriate to young children's development and learning (EDEC 637, EDF 610, and EDEL 632).
3. Appraise competing theories of human development focusing on the value of each for use in specific situations (EDF 610).
4. Design motivating classroom situations (EDEC 637, EDEL 640 and EDEL 632).
5. Meet the individual pupil's needs and provide for the needs of exceptional students (EDEC 637, EDEL 640, and EDEL 627).
6. Avoid discriminatory prejudices toward the different ethnic, social, cultural, physical and mental background of pupils (EDEL 680 and EDEL 632).
7. Design specific activities that promote multicultural awareness (EDEC 637, EDEL 640, and EDEL 680).
8. Measure individual differences in achievement (EDEC 637, EDEL 627, and EDEL 632).

Master of Arts in Education
certified grades 5-8 or

- Professional Education.
EDF 600 Research Methods in M
EDF 611 Adolescent Development
EDMG 636 Middle School Curriculum
EDEL 677 Reading in the Content
EDEL 680 History and Philosophy
EDEL 640 Contemporary Instructional
Electives
(Select three hours of advisor app
will not count for electives).
Area of specialization (select opt

Competencies in instructional design and curriculum development

- 1. Gain awareness of the aims, goals and objectives of the curriculum of the school (EDEL 627, 632, EDEL 640, and 680).
2. Seek active participation in curriculum planning activities and evaluation (EDEL 632).
3. Evaluate instructional activities based upon the needs of all the pupils in the group (EDF 600, EDEL 627, EDEL 640, and 632).
4. Provide for differences without stereotyping (EDEC 637 and EDEL 640).
5. Realize and provide for the limitation of a selected textbook/series with enriching activities (EDEC 637, EDEL 627 and 632).
6. Gain awareness of the organizational design and dynamics of the school (EDEL 632).
7. Explain to pupils and interest groups the organizational design and dynamics of the school (EDF 600, EDEL 627, 632, and 680).
8. Identify the helping roles of various interest groups and publics in the process of promoting the smooth operation of the school system (EDEL 632 and 680).

- OPTION 1
Select 12 hours from one of the s
same as one of the student's under
1. English 503, 505, 54
2. Mathematics 575, 595
3. Biology 553, 580, Sc
4. Economics 690, Geogr
Government 599, 620
584, 589, 609, 634,
5. Special Education 55
589, 609, 634.

OPTION 2
Select 12 hours from component lis
Option 1. Only those courses list
count on this program.

Assessment Procedures

Exit Examination
After completing at least 27 semester hours and the seven required classes, the student is required to complete an exit examination. The exit

TOTAL HOURS REQUIRED
Students should check with their a
those courses. The student is resp

to candidacy, exit exam and application for graduation. Course requirements certification requirements change. All students must have 12 hours outside courses counted to meet initial teaching certification may be counted for degree.

Admission Requirements

1. Completion of the English Language Proficiency Test
2. A minimum total score of 1200
3. A minimum of 2.5 undergraduate

Student Competencies

1. An in-depth understanding of selected subject matter and related teaching methods appropriate for middle grade instruction and/or an increased awareness of developmental needs of middle grade school children (EDF 611, EDMG 636 and EDEL 677, 640). **EDSP 551 Research Methods in Educational Research**
2. A basic understanding of methods and tools of educational research, applies to middle grade education (EDF 600). **EDSP 552 Early Childhood Education**
3. Process knowledge concerning professional practices and methods of inquiry (EDF 680 and EDMG 636 and specialization courses). **EDSP 553 Specialization (choose one)**
4. An understanding of educational history and philosophy and its relevance to middle grade children (EDEL 680). **EDSP 554 Non-Traditional Specialization**
5. Competence in adjusting instructional methods to meet individual needs of middle grade children (EDF 611, EDEL 677, EDMG 636, and EDEL 640). **EDSP 555 Curriculum for Preschool and The Preschool Child . . .**
6. The ability to diagnose children's learning difficulties, prescribe developmental, corrective or remedial instruction (EDEL 677 and EDMG 636). **EDSP 556 Activities and Materials in Early Childhood Education**
7. A knowledge of changes in a pluralistic society and the impact of such changes on the middle school grades curriculum (EDEL 680 and EDMG 636). **EDSP 557 Programs for Young Handicapped Children**
8. A knowledge of the diversity among people and the contributions of diverse cultures to a democratic social order (EDEL 680 and EDF 611). **EDSP 558 Parents of Young Children**
9. Knowledge reflective of professional values and ethics (EDF 611 and EDEL 677). **EDSP 559 - Special Education**
10. Knowledge of KERA and the importance of KERA upon schools (EDF 600, 611, EDEL 640, 677, 680, and EDMG 636). **EDSP 560 Survey of Exceptional Children**
EDSP 561 Educational Assessment of Exceptional Children
EDSP 562 Language Arts for Exceptional Children
EDSP 563 Prescriptive Teaching . . .
EDSP 564 Content Areas and Career Development
EDSP 565 Practicum

Assessment Procedures

Exit Examination After completing at least 27 semester hours and the six required classes, the student is required to complete an exit exam. The exit examination covering the six required core courses. Even if transfer courses the student is responsible for the content of the required courses on the exam. The exam is given at least once per semester including both summer terms; it is scheduled and administered by MSU's Testing Center. The student should contact the Testing Center for registration information. Students must have advisor approval and apply at least two weeks prior to the scheduled date of the exam. Students should arrange to complete exit exam prior to the end of the semester in which they plan to complete the written exam can be taken two times. The exam (alternate form) may not be taken a second time until the semester or summer session following the first exam. Students do not pass the written exam must successfully complete an oral examination to meet degree requirements. It is the student's responsibility to contact his/her advisor if the advisor is not available during that semester or summer session, the student should contact the department chair.

Requirements for Degree

1. A minimum of 33 semester hours
2. Completion by correspondence may be permitted
3. The minimum of nine hours of applied learning requirements.
4. Student's average of 3.0 g.p.a. is required
5. Students who receive a mark below C- must successfully complete an application for degree
6. Must file an application for degree during which they

Master of Arts in Education - (for International Educators)

International students who have undergraduate degrees in elementary education may apply for this degree with an emphasis in either early childhood education or special education. Students are not required to have a teaching certificate to be admitted. Completion will not lead to teacher certification in the Commonwealth of Kentucky. This program is available for teaching in Kentucky, 9, 8-12, K-8, K-4, or 5-8.

Master of Arts in Education Specialist Endorsement

Admission Requirements

- 1. General admission to graduate study.
2. A minimum total score of 1200 on the GRE.
3. A minimum of 2.75 undergraduate g.p.a.

Table with 2 columns: Course Name and Sem. Hrs.
Professional Education 9
EDF 600 Research Methods 3
EDEL 632 Elementary School Curriculum 3
EDMG 636 Middle School Curriculum 3
EDSE 634 Secondary School Curriculum 3
EDEL 680 History and Philosophy of Education 3
EDSE 683 The American Secondary School 3
Disciplines: Specialized Area 12
EDEL 662 Remedial Reading 3
EDEL 627 Reading in the Elementary School 3
EDUC 576 Reading in the Secondary School 3
EDEL 624 Practicum in Reading 3
EDEL 623, EDEL 677, or EDUC 629 (Choose one) 3
Supportive Courses 12
EDF 610 Advanced Human Growth and Development 3
EDF 611 Adolescent Development 3
EDEL 625 Foundations of Language Development 3
EDEL 626 Investigations in Reading 3
Elective from the with prior advisor approval 3
(ENG 505, 680, 693, 697, EDEL 516, 628, EDGC 580, EDSP 537, 553, 601, 602, 608)
LSIM 670, 676, PSY 559, 583, 584, 589, 609, 634)

Table with 2 columns: Course Name and Sem. Hrs.
TOTAL HOURS REQUIRED 33
Assessment Procedures
1. The evaluation of one or more the evaluation, the student mu small group of students.
2. Preparation of a case report a
3. After completing at least 27 s multiple choice exit examinati program. Even if transfer cour content of the required course and should contact the Testing apply to take the exam at leas Students should arrange to com which they plan to complete th The exam (alternate form) may summer session following the f must successfully complete an toward exam is necessary, it is the advisor is not available d contact the department chair.

Requirements for the Degree

- 1. A minimum of 33 semester hours.
2. No credit by correspondence may be applied toward completion of M.A.
3. Not more than nine hours of approved transferred work will be accepted toward the minimum requirements for the M.A.
4. A minimum average of 3.0 g.p.a. is required on all graduate coursework and
5. Must successfully complete an exit exam.
6. Must file an application for degree completion no later than the beginning of the semester during which they plan to complete their requirements. The departmental exit exam may be taken after completion of 27 hours in the program and passing scores are required for degree completion.
7. Three years of successful teaching experience must be completed before the endorsement is granted.

Student Competencies

- 1. Diagnose language change difficulties in reading and writing prevalent in the public school age population (EDEL 624 and 662).
2. Prescribe appropriate treatment of reading and writing difficulties (EDEL 662 and 624).

P-5 Certification for ho Secondary Teaching Certi

- I. *EDF 211 Human Growth and De
or
*EDEE 305 Early Elementary L
or
*EDF 610 Advanced Human Grow
II *EDEM 330 Foundations of Rea
*EDEE 331 Reading for Early
or
*EDEL 627 Reading in the Ele

III. EDEE 321 Number Concepts and Math, Early Elementary. 3.

EDEE 322 Teaching Social Studies in Early Elementary or

*EDEL 622 Social Studies in Today's Elementary School. 3.

*SCI 490 Science for Elementary Teacher 3.

or

*SCI 690 Advanced Science for the Elementary School Teacher

*EDEE 323 Language Arts for Early Elementary. 3.

or

*EDEL 623 Advanced Language Arts

II.*EDMG 636-Middle Grades Curriculum III. EDEM.330 Foundations of Reading (minimum 3.0)

IV. Reading (minimum 3.0)

EDMG 332, EDEL 677 (EDEL 627 entrance)

V. *Special Education (minimum 2.0)

EDSP 230, 332, 601, or equivalent. Each student must have at least one semester of experience in a special education classroom.

VI. *Fundamental Processes of Learning. The student must select the course from the following list: EDMG 341 Teaching Math in Middle Grades, EDMG 342 Teaching Social Studies in Middle Grades, EDEL 622 Social Studies in Today's Elementary School, EDMG 343 Language Arts in Middle Grades, EDEL 623 Advanced Language Arts in Middle Grades, or SCI.591 Science for the Middle Grades.

Related Studies

I. ART 121 School Art I or

ART 221 School Art.II. 3.

MUST 100 Rudiments of Music. 2.

PHED 311 Movement Exploration 3.

HLTH 301 Health, Safety, and Nutrition for Early Elementary. 2.

II MATH 231 and 232 Math for Elementary Teacher, I. and II. 6.

or

MATH 631 Problem Solving and Teaching Arithmetic in Elementary School

III. EDEE 327 Literature and Material for Young Readers 3.

VII. Two approved middle grade courses. (For a listing of required courses, see the Middle Grades Catalog.)

VIII. EDMG 446 Supervised Student Teaching. *Students must satisfactorily complete the course to be eligible for student teaching. Student teaching is a prerequisite for other reading courses. A g.p.a. of 3.0 is required to successfully complete the course. The program must be planned with the student's advisor and a check must be made of the culminating events in the P-5 elementary program.

Student Teaching

EDEE 423 Supervised Student Teaching Practicum 4-6.

*Students must satisfactorily complete the courses marked with an asterisk to be eligible for student teaching. Student teaching is based upon a six-week practicum. EDEM 330 is a prerequisite for other reading courses. A g.p.a. of 3.0 is required to successfully complete all graduate programs, and an ACT composite score of 21 is required. Components of the praxis exam must also be completed. The program must be planned with the student's advisor and a check must be made of the culminating events in the P-5 elementary program.

Portfolio Requirements

The culminating events in the P-5 elementary program is the collection of exemplars to demonstrate competencies in the New Teacher Standards (NTS). This portfolio will be assessed at the end of the student teaching practicum. Throughout the program, each P-5 trainee will be compiling a Working Portfolio, a collection of exemplars to demonstrate the integration of class work and practical experiences and to document growth and understanding of the NTS.

5-9 Certification for holders of a valid Secondary Teaching Certificate

I. *Human Growth and Middle Grades 3

Select option (A), (B) or (C) (A) EDMG 306 Development and Learning in Middle Grades (B) EDF 611 Adolescent Development (C) EDF 610 Advanced Human Growth and Development

Master of Arts in Education
 Students may enter this program if they have a valid secondary teaching certificate and a minimum grade point average of 3.0. **Admission Requirements**
 1. General admission to graduate school.
 2. A minimum score of 1200 on the GRE.
 3. A minimum of 2.75 undergraduate grade point average.
Requirements for the Degree
 1. Satisfy general degree requirements.
 2. If a student has not become a graduate student, he/she will not receive credit for graduate hours.
 3. Comprehensive written examination on the return of the scores prior to the start of the program.

awarded. Additional written and/or oral examinations may be required at least preschool, elementary and secondary levels. A comprehensive examination must be completed to complete this program.

4. The student must apply for graduation.

Sem. Hrs.

Professional Education (to be selected from the following)	10	EDSP 601	Survey of Exceptional Children
*EDF 600 Research Methods in Education	3	or	
*EDF 610 Advanced Human Growth and Development	3	EDSP 230	Education of Exceptional Children
EDIL 628 School Law	3	EDSP 602	Speech and Language Problems
EDEL 630 Curriculum Construction	3	or	
EDEL 680 History and Philosophy of Education	3	EDSP 320	Introduction to Corrective Remedial Education
EDEL 671 Seminar-Problems of Elementary Teachers	1	EDSP 350	Characteristics of Individual Differences
Special Education	12	Handicaps	
EDSP 604 Resource Concepts for the Handicapped	3	EDSP 360	Characteristics of Individual Differences
EDSP 605 Programs for Young Handicapped Children	3	Disorders	
EDSP 607 Employability of the Handicapped	3	EDSP 537	Educational Assessment of Handicapped Children
EDSP 655 Teaching the Handicapped Child	3	EDSP 551	Curriculum for the Pre-School Child
Section A Educable Mentally Handicapped or		EDSP 553	Language Arts for Exceptional Children
Section D Emotionally Disturbed or		EDSP 555	Prescriptive Teaching for Exceptional Children
Section E Learning Disabilities		EDSP 557	Content Areas and Career Opportunities
Electives (approved by advisor)	9	EDSP 675	Practicum in Special Education

*Required for the program
TOTAL HOURS REQUIRED 31
Written guidelines for the program are available in the Department of Elementary, Reading and Special Education, planned with and approved by the student's advisor.

Student Competencies

1. Develop knowledge of and skills in using the collaborative/consultative models (EDSP 604).
2. Develop skills for teaching preschool handicapped children and consulting with parents (EDSP 605).
3. Increase skill development in planning, implementing and evaluating education programs for handicapped students (EDSP 607).
4. Understand and apply research literature in special education (EDSP 604 and EDF 600).
5. Use literature search and review techniques in special education (EDSP 604 and EDF 600).

Portfolio Requirements
Students are required to submit a portfolio demonstrating the ability to design and implement instruction for students with learning and behavioral disorders. The portfolio should be submitted during the semester of completion.

Praxis Test Requirements
Students must pass the Praxis II tests in Special Education (10352) and Teaching Students with Disabilities (20371).

Assessment Procedures

The student must successfully complete a comprehensive essay examination over the area of specialization. The test is scheduled through the student's advisor and should be taken early enough to assure the return of the scores prior to the end of the semester in which the degree is to be awarded. The written exam can be taken only one time. Students who do not pass the written exam must successfully complete an oral examination to meet degree requirements. If an oral exam is necessary, it is the student's responsibility to contact his/her advisor. If the advisor is not available during that semester or summer session, the student should contact the department chair.

Learning and Behavior Disorders, P-12
a Secondary Certificate
This additional certification may be earned by completing the Learning and Behavior Disorders, P-12 certificate by completing this program.

Certificate for Learning and Behavior Disorders, P-12

Students holding a provisional or standard elementary certificate may qualify for the provisional certificate for teachers of exceptional children-learning and behavior disorders (LBD). The LBD certificate enables the teacher to teach children who are emotionally disturbed (ED or BD), educable mentally handicapped (EMH), or orthopedically handicapped (OH), or who are classified as having learning disabilities (LD) at the elementary level.

EDSP 601	Survey of Exceptional Children
EDSP 230	Education of Exceptional Children
EDSP 602	Speech and Language Problems
or	
EDSP 320	Introduction to Corrective Remedial Education
EDSP 350	Characteristics of Individual Differences
EDSP 360	Characteristics of Individual Differences
EDSP 537	Educational Assessment of Handicapped Children
EDSP 551	Curriculum for the Pre-School Child
EDSP 553	Language Arts for Exceptional Children

EDSP 555	Prescriptive Teaching for Children with Learning and Behavior Problems	EDSP 607	Employability of the Har
EDSP 557	Content Areas and Career Preparation for Exceptional Students	EDSP 373	Curriculum for Student
EDSP 675	Practicum in Special Education	EDSP 374	Teaching Students with
EDEL 662	Remedial Reading	EDSP 375	Practicum in Education
EDEL 627	Reading in the Elementary School	EDSP 675	Practicum in Special Edu
MATH 595	Mathematics Curriculum Workshop	EDSP 551	Curriculum for Pre-schoo
MATH 631	Problem Solving and the Teaching of Mathematics in the Elementary School	EDSP 605	Programs for Young Hand

Portfolio Requirements: Students are expected to develop portfolio entries demonstrating the ability to design, implement, manage, and evaluate instructional procedures in a manner which exemplifies the state of the art in effective education of students with learning and behavior disorders. This process culminates in the development of the eligibility portfolio during the student's practicum experience.

Praxis Test Requirements: Completion of Core Principles Across Categories of Disability (10352) and Teaching Students with Behavioral Disorders/Emotional Disturbances (20371)

Written guidelines for the program should be requested from the department of Elementary, Reading, and Special Education. EDEM 330, Foundations of Reading, is a prerequisite for both EDEL 662 and EDEL 627. Course requirements must be planned with and approved by the student's advisor. The department offers a conversion program for teachers holding an old certificate in special education - EMR, B.D. or E.H., N.I. or L.D.). The number of credits required for the conversion program will vary, depending upon the course which the teacher previously completed in special education. Teachers interested in the program should contact the Department of Elementary, Reading and Special Education for additional information.

Certification for Teaching Students with Moderate and Severe Disabilities (P-12)

Students holding a valid teaching certificate may qualify for the provisional certificate for teachers of exceptional students with moderate and severe disabilities (MSD). The MSD certificate enables the teacher to teach students with moderate, severe, and multiple disabilities at all grade levels. Students must maintain a 3.0 g.p.a to complete this program.

EDSP 332	Teaching the Exceptional Student	EDSP 641	Conceptions and Identif
or		EDSP 642	Meeting the Individual N
EDSP 601	Survey of Exceptional Children	EDSP 643	Teaching the Elementary
EDSP 235	Including Students with Diverse Needs in the Classroom	or	
or		EDSP 644	The Gifted Adolescent an
EDSP 604	Resource Concepts	EDSP 645	Practicum in Gifted Edu
EDSP 320	Introduction to Corrective Speech	TOTAL HOURS REQUIRED	
or			
EDSP 602	Speech and Language Problems		
EDSP 350	Characteristics of Individuals with Mental Retardation & Orthopedic Handicaps		

EDSP 356 Applied Behavior Analysis

EDSP 370 Assessment of Students with MSD
 EDSP 371 Field Experience in Assessment of Students with MSD
 EDSP 372 Transition to Adult life

Interdisciplinary Early Birth to Primary

This program will allow individual add IECE certification to their ex complete the program.

IECE 657 Interdisciplinary Early

- Achieve a passing score on portfolio assessment.
 - Completion of required on-demand tasks at 90% success level.
 - Completion of required knowledge-based examination at 85% success level.
 - Demonstrated teaching skills through video tapes and/or observed teaching simulations.
 - *Must score at least 150 on the Kentucky Specialty Test of IECE.
1. A master's degree from an accredited college or university.
 2. Must hold a valid teaching certificate.
 3. Must have a graduate g.p.a. of at least 3.0.
 4. Must have a GRE score of at least 1200.
 5. One year of successful work experience as a teacher.
 6. Interview with the applicant and a representative of the Department of Elementary, Reading, and Special Education graduates where the members of the department are in acquaintance with the applicant.
- Failure to complete IECE 657 and the program standards will require additional coursework and/or additional training.**

Director of Special Education Certification Program Requirements for the Degree

The purpose of the certificate for Director of Special Education is to prepare students to be effective administrators of public school special education programs. Students must maintain a 3.0 g.p.a to complete the program.

Admission Requirements

1. Must hold a Master's degree from an accredited college or university or have completed a Fifth-Year program.
2. Must hold a valid teaching certificate in an area in special education.
3. Must have a GRE score of at least 1200.
4. Must receive favorable consideration from an admission review committee. The committee shall be composed of faculty teaching the program and practicing special education administrators in the public schools.
5. Must have successfully completed three years of full-time teaching experience in special education. A letter of validation must be received from the superintendent of the school district(s).

- Professional Education
- EDEL 685 Collaboration for Teaching
- EDEL 681 Advance Seminar in Content Area
- EDEL 682 Advanced Curriculum Development
- EDUC 677 Applied Research for Classroom
- EDUC 678 Applied Research for Classroom
- EDIL 685 Seminar for Experienced Administrators
- Must have completed 24 hrs. prior to admission
- General Electives (to be chosen from the list of courses in consultation with the advisor)
- TOTAL HOURS REQUIRED

Sem.

Hrs.					
EDSP 621	Operation of Special Education Programs	3			The Fifth-Year non-degree program is designed for students on the salary schedule and may be used as a substitute for the Fifth Year Program may also serve as a substitute for the Fifth Year Program.
EDSP 622	Instructional Leadership in Special Education	3			
EDSP 623	Special Education Program Coordination	3			
EDSP 624	Practicum for Director of Special Education	6			teachers.
EDIL 620	Introduction to Educational Administration	3			
EDIL 628	Public School Law for Instructional Leaders	3			

Fifth-Year Program (Non-degree)

Must have successfully completed a course in educational assessment and a course in curriculum. At the time of completion, the student must have accumulated an overall total of 45 graduate hours from this and other previously completed graduate programs.

- 1. A baccalaureate degree.
- 2. A provisional teaching certificate.
- 3. A minimum undergraduate g.p.a of 3.0.

Program Requirements

1. The program shall be planned and approved by the department.
2. The program shall consist of 33 semester hours. The opportunity to transfer courses must carry graduate credit shall be in preference to other areas shall be from areas other than the department. Courses shall be counted as part of the 33 hours.
3. Course work from a two-year institution may be applied to the program.
4. Course work earned by the applicant may be applied to the program.

The Specialist in Education Degree/Rank I

The Specialist in Education degree program offers students who have demonstrated superior scholastic ability and special interest and aptitude in certain areas the opportunity to gain a high level of competency in a chosen specialized field for service as instructional supervisors, or administrators. This Education Specialist Program will qualify school personnel for Kentucky's highest rank and salary for teachers. This program replaces the Rank I program for students in the Elementary Education (K-4 or 5-8) program who have completed the Masters of Arts in Education degree.

Admission Requirements

3. Course work from a two-year institution may be applied to the program.
4. Course work earned by the applicant may be applied to the program.

- 5. Credit earned by correspondence shall not apply toward the Fifth-Year program.
- 6. No course work taken to qualify for initial certification shall apply toward the Fifth-Year program.
- 7. From the time a student begins work on a planned Fifth-Year program, choose two ten years in which to complete it. If the program is not completed within the required time, suitable courses must be completed to replace those more than ten years old.
- 8. The student must successfully complete an exit examination covering the required courses taken in the program. Even if transfer courses are accepted, the student is responsible for the content of the required courses on the exam. The exam will be scheduled and administered by MSU's Testing Center. Students must have advisor approval and should arrange to complete the exit exam during the semester of completion of the Fifth-Year in Elementary Education.

Students must apply to take the exam at least two weeks prior to the scheduled date of the exam. Students may take the exam a second time in alternate form.

9. During the term in which the program is to be completed, the student should file for program completion in the Graduate Office.

Fifth-Year Program in Elementary Education (teachers certified P-5)

The requirements for the Fifth-Year program in elementary education are listed below. The program requires a minimum of 33 hours. Since all courses listed below are graduate courses, undergraduate courses are not accepted in the Fifth-Year program in Elementary Education.

Sem. Hrs.		
Elementary Core Curriculum	18	Rank I Program for Elementary Education
EDEL 622 Social Studies in Today's Elementary School	3	Admission Requirements
EDEL 623 Advanced Language Arts for the Elementary Teacher	3	1. Completion of Fifth-Year program
EDEL 627 Reading in the Elementary School	3	2. Score of at least 900 on the GRE
MATH 631 Problem Solving and Teaching Math in Elementary School	3	3. Minimum of 36 hours beyond the
SCI 690 Advanced Science for the Elementary School Teacher	3	
EDEL 640 Contemporary Instructional Practices in grades P-5	3	Professional Education.**
Professional Education (to be chosen from below)	9	EDF 600 Research Methods in Education
EDEL 516, 626, 628, 630, 632, 662, 677, 680, 625, EDEC 599, 637, EDUC 684, 685, 690, EDGC 619, 656, 661, EDF 600, 610, EDSP 537, 551, 602, 604, 607, EDSE 633		EDEL 680 History and Philosophy of Education
Academic Support Areas (to be chosen from below)*	6	EDEL 685 Collaboration for Teachers
BIO 553, CIS 616, ECON 690, ENG 503, 544, 591, GEO 550, GOVT 680, HS 531, 544, 680, HLTH 508, 518, IET 520, MATH 595, PHED 612, PSY 609, SCI 591, 570, 580, SOC 545, 560, 603 or 620.		EDEL 681 Adv. Seminar in Contemporary Education
		EDEL 682 Adv. Curriculum Development
		EDEL 686 Seminar for Experienced Teachers
		Completed 24 hours prior to enrollment.
		General Electives (to be chosen from the assigned advisor)
TOTAL HOURS REQUIRED	33	MINIMUM TOTAL HOURS REQUIRED

Additional courses for Section III must be approved by the Department of ERSE and the program advisor (i.e. 500 workshops, overseas study courses, etc).

**Students who took EDEL 680 and/or EDF 633 from section II to complete the 36 hours

Fifth Year Program in Elementary Education (for teachers certified 5-9)

Middle Grade Core Curriculum Sem. Hrs. 15 The minimum of 60 graduate hours,

following area distributions:

	Sem. Hrs.		contact the certification authority
Studies dealing with research	6-8		requirements which should be included
Studies dealing with the foundations of education and the nature and psychology of the learner	6-15		Admission Requirements
Studies dealing with programs of the school	8-14	1.	General admission to graduate
Specialized area - special education - and support courses	23-40	2.	A minimum composite GRE score
Electives	0-9	3.	Education-Secondary Emphasis.
			A minimum composite GRE score
MINIMUM TOTAL HOURS REQUIRED	60	4.	Education-Guidance and Counsel
			A minimum of nine semester hours
			Requirements for the Provisional
			program must be completed before the student
			enters the program.

Department of Leadership and Secondary Education

(606)-783-2261
503 Ginger Hall

Graduate Faculty: Abell (Chair), R. Daniel, D. Fasko, L. Lennex, D. Owen, W. Staley, W. Weikel, M. Van Meter, S. Young

Degrees: Master of Arts in Education (Guidance Counseling, Secondary Education); Master of Arts in Adult and Higher Education; Master of Arts in School Administration; Specialist in Education; Cooperative Doctoral (Education)

Non-degree Programs: Fifth Year Program (Secondary Teacher Education); Rank I Program (Secondary Education, Guidance and Counseling) Certificates and Rank I Instructional Leadership

Requirements for the Degree

1. Satisfy general degree requirements
2. If a student has not become a graduate student, he/she will not be allowed to enroll in graduate courses
3. All graduate students pursuing a degree in the Department of Leadership and Secondary Education must maintain a minimum cumulative grade point average (g.p.a.) of at least 3.0. Students failing to maintain this g.p.a. will be placed on a one semester probation. Students failing to achieve a graduate g.p.a. of at least 3.0 at the end of the probation semester will be dropped from their respective program. Any student who receives grades of C in more than two graduate courses will be immediately dropped from his/her respective program.
4. Comprehensive exit examination will be administered at the end of the program. Return of the scores prior to the comprehensive examination is required.
5. Completion of one of the following

Master of Arts in Education

The Master of Arts in Education is a professional degree. If a student holds, or is eligible to hold, a provisional elementary or secondary teacher's certificate, a provisional certificate for teachers of special education, or provisional certificate for teachers of exceptional children, he or she may, through the different curricula leading to this degree, qualify for the corresponding master's degree and/or the provisional certificate for the guidance counselor.

Following admission, the student should meet with the assigned advisor to plan a program of study. All elective courses must be approved by the advisor. After the student-advisor conference, a written program of study will be filed and approved by the appropriate department chair and the dean of graduate programs.

Electives taken without the approval of the assigned advisor or before a program of study has been approved may not be counted in the student's program. The dean will approve or disapprove the recommended actions of the advisors.

All graduate students pursuing programs of study in the Department of Leadership and Secondary Education must maintain a 3.0 g.p.a. Students failing below a 3.0 will be placed on a one semester period of probation. Students failing to achieve a graduate g.p.a. of at least 3.0 at the end of the probation semester will be dropped from their respective program. Any student who receives grades of C in more than two graduate courses will be immediately dropped from his/her respective program.

A student who expects to meet certification requirements in another state should

Master of Arts in Education

1. Research Methods in Education (EDF 600)
 2. Advanced Human Growth and Development (EDF 610)
 3. Effective Classroom Instruction (EDSE 633)
 4. Secondary School Curriculum (EDSE 634)
 5. Measurement Principles and Practices (EDGC 661)
 6. Restricted elective in education from specialized area of preparation
 7. Elective
- All electives must be approved by the student's advisor and the department chair.
- MINIMUM TOTAL HOURS REQUIRED**

Competencies required in the Kentucky EPSS Experienced Teacher

1. Evaluate teaching strategies and research techniques, nature of research (EDSE 633 and 634).
2. Interpret research and analyze

- teaching (EDF 600).
- 3. Understand individual and cultural differences of learners and modify maximum learning (EDF 610).
- 4. Improve classroom teaching skills through applying current research findings in the areas of effective classroom instruction (EDSE 633).
- 5. Understand and apply developmental research and theories to improve learning and teaching (EDF 610).

Assessments

Exit Examinations The student may take the exit exam a maximum of two times. Should the student fail the exam the first time, the student must contact his/her advisor for consultation at which time the advisor may require remediation before the next attempt. The exam may be taken only once per semester and once per Summer I or Summer II.

A second failure will result in the student being permanently dropped from the program. The student may apply to the Fifth-Year program. If a student is enrolled in the Master of Arts in Secondary Education program with a teaching specialization in either Biology, English, or Music, an additional exit exam is required. That student should consult with a specialized area advisor in Biology, English, or Music to make arrangements for a specialization exam.

Master of Arts in Education - Guidance

The graduate programs in counseling prepare people for positions as elementary school counselors, secondary school counselors, adolescent and adult counselors in non-school settings, and student personnel workers in higher education.

To be admitted to the elementary and secondary counseling program, one must have an undergraduate teaching certificate in the area in which certification is sought. Certification as a guidance counselor requires a year of teaching at the appropriate level, which may be completed after the course work. Successful completion of the requirements leads to a Provisional Counseling Certificate.

Vocational school counselors in Kentucky are required to have a secondary counseling certificate. Students planning to work in vocational education should have an undergraduate background in the area or plan to take additional courses in the graduate program in vocational education.

One planning a career as a counselor in a community setting (non-school) or in college student personnel work should enter the degree program for the Master of Arts in Adult and Higher Education with an emphasis in counseling or the Ed.S. in the counseling program. Neither is designed to qualify persons for certification as public school counselors.

Provisional Elementary/Secondary Guidance Counselor Certification*

	Sem	
Hours		
Counseling Core	24	
EDGC 656	Introduction to	
Counseling	3	
EDGC 665	Philosophy and	
Practice of School Counseling	3	
*EDGC 666 Theories of Counseling	3	
*EDGC 667 Group Counseling	3	
EDGC 619A Career Counseling (Elem.)		

- or
- EDGC 619B Career Counseling. (Sec..)
- EDGC 620 Psych-Social Factors .
- EDGC 669A Practicum in Guidance and
- or
- EDGC 669B Practicum in Guidance and
- Professional Education.Core
- EDF 600 Research Methods in E
- EDF 610 Advanced Human Growth
- EDEL 630 Curriculum Construction.
- EDGC 661 Measurement Principles and
- TOTAL HOURS REQUIRED

*Students enrolled in these classes must complete assignments dependent on the program sought. Students who possess elementary or provisional elementary counseling program above. Students who possess secondary provisional secondary counseling o

Academic Competencies*

1. Knowledge of the major contemporary practice of profession (666)
2. Certification. Knowledge of basic research techniques, which may be informed consumers of professional research projects (Target course)
3. Knowledge of the organization consistent with current professional statutes and regulations (Target course)
4. Knowledge of fundamental psychological concepts (EDGC 661).
5. Knowledge of human development or in college entry level professional counseling

Clinical Competencies*

1. Demonstrate the ability to make theoretical formulations, integrate instruments (Target courses EDGC 619, 620, 666, 667, and 668)
2. Demonstrate the ability to select professional counseling with appropriate instruments (Target course EDGC 661).
3. Demonstrate the ability to select educational instruments appropriate to the field of counseling.
4. Demonstrate the ability to design and conduct research in the field of counseling.
5. Demonstrate appropriate, ethical

individual and group counseling as well as for consultation settings (The minimum of 60 graduate hours, EDGC 620, 656, 666, 667, and 669).

*Academic and clinical competencies are aligned with the Kentucky EPSB New and Experienced Counselor Standards.

Assessment Procedures

Exit Examination Students in their final semester of study in the program are required to successfully complete a comprehensive objective final exit exam. Students who do not achieve the minimum passing score may request an oral exit examination before the counseling faculty. Failure to perform adequately on an oral generally will result in the student taking additional course work and a subsequent exit exam in an attempt to qualify for the degree.

Extensions to Existing Certificates

Under provisions adopted by the Kentucky State Department of Education, individuals who hold an elementary guidance certificate may receive an endorsement for serving as a secondary school guidance counselor (5-12) upon the completion of an approved program which includes preparation in:

- a. Human behavior, development, and learning of secondary pupils,
b. Instructional design and curricula for secondary pupils,
c. A Practicum experience at the high school level.

Similarly, a certificate for secondary school guidance may be endorsed for elementary school guidance upon completion of an approved program of study which includes preparation in:

- a. Human behavior, development, and learning of elementary pupils,
b. Instructional design and curricula for elementary pupils,
c. A Practicum experience in the elementary grades.

NOTE: Persons doing guidance and counseling outside of schools-pastors, and others-are expected to apply for the Master of Arts in Adult and Higher Education degree program with a specialty in counseling. Persons interested in counseling in higher education should also consider the adult and higher education degree program with a specialized area in The Adult and Higher Education program does not qualify the candidate for certification as a guidance counselor in the public schools.

Rank I Program for Guidance Counselors (including the master's degree)

All graduate students pursuing programs of study in the Department of Leadership and Secondary Education must maintain a 3.0 graduate g.p.a. Students failing to achieve a 3.0 g.p.a. of at least 3.0 at the end of the probation semester will be dropped from their respective program. Any student who receives grades of C in more than two graduate courses will be immediately dropped from his/her respective program.

Applicants must meet two of the following three:

- 1. A minimum score of 1200 on the GRE exam.
2. GPA of 3.5 on the Master's degree.
3. Provisional certification in counseling.

Targeted courses following area distributions:
Guidance and counseling
Professional education
Testing
Required Psychology of the Individual
Studies dealing with research...
Supervision and Administration...
Approved electives
TOTAL HOURS REQUIRED

(The program must be planned with the student entering the Rank I program for examination.

Master of Arts in Adult and Higher Education

The adult and higher education program is designed to plan, organize, and meet adult learners' needs in preparation for the workforce. The program is flexible insofar as teaching, administration, student order to receive Rank II status be submitted documenting the enhancement procedure is subject to change.

Admission Requirements

- 1. General admission to graduate program
2. Two years of relevant professional experience
3. A minimum composite GRE score of 1200

Requirements for the Degree

- 1. Satisfy the general degree requirements
2. If a student has not become ungraduate hours, he/she will not receive the degree
3. All graduate students pursuing Secondary Education must maintain a 3.0 g.p.a. of at least 3.0 at the end of the probation semester will be dropped from their respective program. Any student who receives grades of C in more than two graduate courses will be immediately dropped from his/her respective program.

EDF 600 Research Methods in Education
Adult and higher education selected
EDAH 640 Principles of Adult and Higher Education
EDAH 651 Human Development in Adulthood
EDAH 653 Program Curriculum Development
EDAH 688 Seminar in Adult Education

or supervisors, or administrators. 1

EDAH 643 Seminar in Higher Education 3 candidate toward the doctorate. It school personnel for Kentucky's h

Elective selected from the following. (minimum of) 3 an alternative to the "Rank I" pro

EDAH 599 Selected Topics 3

EDAH 641 Academic and Administrative Problems in Higher Education Programs of study for the Special

EDAH 642 Student Personnel in Higher Education 3 1: Adult and Higher Education

EDAH 650 Developmental Education for Adult Students 3 2: Curriculum and Instruction

Area of specialization (to be selected by student and graduate committee) 3. Guidance and Counseling* 4. Instructional Leadership*

TOTAL HOURS REQUIRED 30

The area of specialization that will prepare the student for his or her chosen career may be from courses in any one of several disciplines. Examples include the following: students interested in counseling should take courses in the counseling area; students pursuing teaching careers should take courses in an appropriate discipline in which they plan to teach; and students interested in administration should take courses in that discipline from the elective area and other support areas.

NOTE: Students may write a thesis in lieu of six hours of course work. Also, with approval, EDAs 670-Directed Research, EDAs 676-Directed Study or EDAs 678-Internship, may be substituted for up to six hours of regular course work. The program is designed to be completed in a minimum of 30 semester hours, but based on student need, additional credit hours may be required.

Competencies required in the program

1. Familiarity with the historical development of Adult & Higher Education and the sponsoring organizations, institutions and agencies (EDAH 640),
2. Awareness of Adult Education as a unique segment of the broad field of education (EDAH 640 and 688).
3. Knowledge of the unique physical, psychological and social characteristics of the adult learner and implications for the teaching of adults (EDAH 651).
4. Knowledge of the basic principles and methods of program/curriculum development and evaluation (EDAH 653).
5. Familiarity with and understanding of the experimental studies, scientific investigations and theoretical writings pertinent to adult learning (EDF 651, 670, and 676).
6. Understanding of program problems and personnel issues associated with providing instruction in post-secondary institutions for the adult learner (EDAH 643, 678).
7. Familiarity with the principles of organization and administration of personnel programs and services in higher education (EDAH 641 and 642).
8. Understanding of the impact of undereducation on the society and the individual and the design of programs to address literacy problems (EDAH 650).
9. Area expertise to support each student's career.

Assessment Procedures

During the final semester of study all students complete a comprehensive oral examination administered by two faculty from Adult and Higher Education and one faculty member from the student's specialty area. Students who fail the oral examination may retake a minimum of two weeks. The oral examination usually lasts one hour and consists of questions from the committee member related to the total program of study. If the student's performance is deemed unsatisfactory, the oral examination may be repeated no sooner than two weeks after the initial examination.

The Specialist in Education (Ed.S.) Degree

The Specialist in Education degree program offers students who have demonstrated superior scholastic ability and special interest and aptitude in certain areas the opportunity to gain a high level of competency in a chosen specialized field for service as an instructional

Admission Requirements

1. One year of successful work experience

2. Acceptance by the dean of graduate studies

3. Interview with the applicant in case of Morehead State University

4. Interview may be waived if applicant's background in the field is satisfactory

(e) Recommendations from select committee

*Admission to the guidance and counseling program

Requirements for the Degree

1. Twenty-four semester hours of graduate work completed

2. Completion of an applied project

3. Comprehensive written or oral examination

Fifth-Year Program in Secondary Education

The Fifth-Year program of preparation for the secondary level will include 5-12, 7-12, 8-12 or 9-12 will include classroom instruction; a 12-hour seminar in depth of preparation in the student's closely related field; and a nine-month program of preparation in the particular interest area. The program is a year program admission requirement.

1. A baccalaureate degree from an accredited institution
2. A valid secondary teaching certificate
3. A minimum total score of 2.5 on the GRE
4. A minimum total score of 1000 on the GRE
5. No course work taken to qualify for the Fifth-Year program.

	Sem. Hrs.	
EDF 610 Advanced Human Growth and Development	3	2. A minimum of 60 graduate hours
EDSE 633 Effective Classroom Instruction	3	30 hours is required for Rank
EDSE 634 Secondary School Curriculum	3	A.g.p.a. of B or better in all
EDGC 661 Measurement Principles and Techniques	3	grades lower than C.
Choose one: EDF 600, EDSP 601, EDUC 576, EDUC 582, EDIL 628.3	3	4. A minimum of 30 semester hours
Any education course 500 or above	3	graduate students.
Teaching area-major, minor, or area of concentration	12	5. Up to nine semester hours (of
Electives	6	institution.
MINIMUM TOTAL HOURS REQUIRED	36	6. Credit earned by correspondenc
		7. The student must meet universi
		8. Must meet additional requireme
		a. All graduate students pursui
		and Secondary Education must ma

Other program requirements are:

- All graduate students pursuing programs of study in the Department of **Academic** and Secondary Education must maintain a 3.0 graduate g.p.a. Students failing to receive a grade of A or B will be placed on a one semester period of probation. **Rank I for Secondary Teaching Degree**

Students failing to achieve a graduate g.p.a. of at least 3.0 at the end of the first semester will be dropped from their respective program. Any student who receives a grade of C in more than two graduate courses will be immediately dropped from his/her respective program. **Rank I for Secondary Teaching Degree**

- Students entering the Fifth Year Program for secondary teachers must successfully complete a written exit examination. **Rank I for Secondary Teaching Degree**

Students who fail to successfully pass will be required to take additional courses before they can retake the exam. **Rank I for Secondary Teaching Degree**

- EDF 600 must be taken if students plan to qualify for standard certification in the following area distribution: **Rank I for Secondary Teaching Degree**

- If a student has not become unconditionally admitted after completing twelve graduate hours, he/she will not be allowed to register for additional studies. **Rank I for Secondary Teaching Degree**

Rank I Program (Non-Degree)

Morehead State University offers programs of study beyond the Master's degree for teachers, supervisors, guidance counselors, and principals which may qualify them for additional certification and/or for Rank I on the Kentucky salary schedule. **Rank I for Secondary Teaching Degree**

A Rank I Program for teachers is planned for a minimum of 60 graduate hours including the master's degree or is planned for 30 graduate hours in addition to the requirements for the Fifth-Year program. **Rank I for Secondary Teaching Degree**

Admission Requirements

- Must hold a master's degree from an accredited college or university or have completed a Fifth-Year program. **Rank I for Secondary Teaching Degree**
- Must hold a valid teaching certificate. **Rank I for Secondary Teaching Degree**
- Must meet additional requirements of specific programs. **Rank I for Secondary Teaching Degree**

Secondary Education

In addition to the above requirements, the following apply to applicants for the secondary program: **Rank I for Secondary Teaching Degree**

- Student must have a 3.0 g.p.a on all graduate course work; **Rank I for Secondary Teaching Degree**
- Must have a minimum score of 900 on the GRE. **Rank I for Secondary Teaching Degree**

Requirements for the Rank I Program

- The program must be planned with the student's advisor at the beginning of the program. **Rank I for Secondary Teaching Degree**

MINIMUM TOTAL HOURS REQUIRED . . .

(The program must be planned with the student's advisor on check sheets available for the program.) Students must successfully complete an exit project and oral examination. TOTAL HOURS REQUIRED

Master of Arts in School Administration

This program is a 36 semester hour, two level program. Level 1 consists of 18 semester hours and Level 2 consists of 18 semester hours. Completion of both Level 1 and 2 and the testing requirements must first be fulfilled if this program is to be used for the student's first Master's degree. Program courses are listed below in the recommended Level 1 and Level 2 sequence. The program is designed to correspond to the Kentucky EPSS New Administrator Standards.

Program Completion

- 1. The student must file for completion.
2. Students must provide the Graduate Office with the Student's Specialty Test of Instructional Leadership - Principals and the Kentucky Licensure Assessment.
3. Students must have at least a 3.0 g.p.a.

Admission Requirements

- 1. General admission to graduate study.
2. A minimum composite score of 1200 on the GRE.
3. A baccalaureate degree in education from an accredited college or university.
4. A valid teaching certificate.
5. Three years of full-time teaching must be completed before a recommendation for Level 1 certification can be made. A letter of validation must be received from the superintendent.
6. The candidate must present three positive recommendations from colleagues, superiors, or professors who are familiar with the candidate's potential for a leadership position in the schools.
7. A screening committee recommends applicants for admission to this program if an alternative admission process is requested.

NOTE: Upon completion of Level 1 requirements, students who already be recommended for the Statement of Instructional Leadership - Principals those students who already have eligible for Rank I after passing Specialty tests.

Students who do not have an appropriate superior complete the Level 1 and 2 coursework requirements before a recommendation for Provisional Certification for Instructional Leadership - Principals program if an

Requirements for the Degree

- 1. Satisfy general degree requirements.
2. If a student has not become unconditionally admitted after completing 12 semester hours, the student will not be permitted to register for additional hours.
3. Before completion of Level 1, complete appropriate testing required by the Kentucky Department of Education. Students must score (85%) on the Kentucky Speciality Test and (155) on the School Leaders Licensure Assessment.

Certification Program for

This program is a 37 semester hour program. Level 1 consists of 12 semester hours and Level 2 consists of 12 semester hours. The graduate certificate is renewed every 5 years. The completion of the 12 semester hours listed below in the recommended sequence may lead to certification.

Level 1

Table with 2 columns: Course Name and Sem. Hrs.
EDIL 601 Introduction to School Leadership & Administration 3
EDIL 634 Leadership for Human Resource Development in Schools 3
EDIL 628 School Law and Ethics 3
EDIL 650 Leadership for School Program Improvement 3
EDIL 618 School Finance and Support Services 3
EDIL 610 School Leadership Practicum 3
TOTAL HOURS REQUIRED 18

Requirements for admission

- 1. The candidate must have earned a 3.0 g.p.a.
2. The candidate must have scored 1200 on the GRE.
3. The candidate must present three positive recommendations from colleagues, superiors, or professors who are familiar with the candidate's potential for a leadership position in the school. (Letters of validation must be received from the superintendent.)
4. The candidate must have completed 3 years of full-time teaching before a recommendation for Level 1 certification can be made.
5. The candidate must have completed 12 semester hours of graduate coursework.
6. The candidate must possess a valid and current communication disorder-free certificate.

Level 2

Table with 2 columns: Course Name and Sem. Hrs.
(Two courses, EDF 600-Research Methods (3) and EDGC 661-Measurement Principles and Techniques, (3) should be taken prior to enrollment in Level II coursework.)
EDIL 647 Leadership for School Community Relations 3
EDIL 619 Technology and Best practices for School Improvement 3
EDIL 637 Leadership for School Program Collaboration 3
EDIL 669 Leadership for School Problem Solving 3

Requirements for the degree

- 1. Satisfactorily complete all coursework with a 3.2 g.p.a.
2. Apply for completion in the Graduate Office and finish all coursework.
Level 1

EDIL 601	Introduction to School Leadership & Administration	3	to finish all coursework
EDEL 632	Elementary School Curriculum	3	
EDSE 634	Secondary School Curriculum	3	EDIL 618 School Finance and Support
EDSP 601	Survey of Exceptional Children	3	EDIL 641 The School Superintendent
EDGC 661	Measurement Principles and Techniques	3	EDIL 643 School Housing
EDIL 621	Research for Instructional Leadership	3	EDIL 631 Practicum in District Administration
EDIL 650	Leadership for School Program Improvement	3	
EDIL 631A	Practicum in District Administration/Supervisor	1	TOTAL HOURS REQUIRED

One of the following: 3 Any of these courses previously taken must be approved by the educational administration approved electives requirement for a minimum of 36 semester hours

EDEL 627-Reading in the Elementary School, EDUC 576-Reading in the Secondary School or EDUC 629-Reading Programs: The Role of the Administrator

TOTAL HOURS REQUIRED 25

Certification Program for School Superintendent

This program is a 21 semester hour program which is included in either the Master's or the Doctoral program where prerequisites to these courses are met.

Admission Requirements

1. A Master's degree from an accredited institution.
2. Three years of full-time teaching experience in a public or private school.
3. Hold a Kentucky teaching certificate.
4. Must possess a g.p.a of 3.2 or above on all graduate work attempted.
5. GRE score of 1200.
6. Three letters of reference from individuals who can attest to the candidate's ability to complete the program.

Level 2 Sem. Hrs.

EDIL 628	School Law and Ethics	3	
EDIL 634	Leadership for Human Resource Development in Schools	3	
EDIL 647	Leadership for School Community Relations	3	
EDIL 643	School Housing	3	
TOTAL HOURS REQUIRED		12	

Completion of the degree

1. Complete all required coursework.
2. Must possess a 3.2 g.p.a on all graduate work attempted.
3. Must apply for completion in the Graduate Office.

Certification Program for School Superintendent

Admission Requirements

1. The candidate must have earned a g.p.a of 3.2 or above on all graduate work attempted.
2. The candidate must have earned a total score of 1200 on the GRE.
3. The candidate must present three positive recommendations from colleagues or professors who are familiar with the candidate's potential for a career in the schools.
4. The candidate must have successfully completed three years of full-time teaching experience in a public or private school. A letter of validation must be received from the superintendent of the district where the candidate is currently employed.
5. The candidate must have completed an additional two years of experience in at least 140 days per year in a position of early elementary, middle, secondary, or principal; supervisor of instruction; guidance counselor; administrator of pupil personnel; director of special education; school business administrator; coordinator of vocational education; or director of district-wide programs.
6. The candidate must have completed a Master's degree in Education.
7. The candidate must have completed both Level 1 and Level 2 preparation and hold certification for at least one of these positions: early elementary, middle, secondary, K-12 principal, or supervisor of instruction.

EDIL 601	Introduction to School Leadership & Administration	3
EDIL 628	School Law and Ethics	3
EDIL 647	Leadership for School Community Relations	3
EDIL 643	School Housing	3
EDGC 661	Measurement Principles and Techniques	3
EDSP 601	Survey of Exceptional Children	3
TOTAL HOURS REQUIRED		18

Electives

- Students are encouraged to take the following courses:
- | | | |
|----------|--|---|
| EDSE 634 | Secondary School Curriculum | 3 |
| EDIL 618 | School Finance and Support | 3 |
| EDIL 643 | School Housing | 3 |
| EDIL 685 | Research Problems of the Field | 3 |
| EDIL 698 | Practicum for Administration | 3 |
| SOC 620 | Educational Sociology | 3 |
| EDGC 661 | Introduction to Counseling | 3 |

Degree completion requirements

1. Satisfactorily complete all course work and earn a g.p.a. of 3.3 or above on all graduate work attempted.
2. Apply for completion in the Graduate Office at the beginning of the semester in which you wish to complete the program.

Educational Leadership Alternative Admission Plan

Due to the recent demand for school leaders in Eastern Kentucky the Department of Leadership and Secondary Education has developed an alternative admission policy for the Instructional Leadership programs. The weighted program formula will be used when an applicant's GRE scores are under the cut off point of 1200. A rubric will be used to assess the following criteria: GRE score, g.p.a., Letters of Recommendation, and Personal Interview.

Admission Requirements

1. Must hold a Master's degree.
2. Must hold a valid teaching certificate.
3. Must have a 3.2 g.p.a on all graduate work attempted.
4. Must have completed three years of full-time teaching. A letter of validation must be received from the superintendent.

Department of Health, Physical Education, & Recreation

(606)-783-2180
201 Laughlin Health Building

Graduate Faculty: Brown, W.M. Brown, L. Fitzgerald, R. Grueninger, M. Magner and M. Sabie,

Degree Master of Arts in Health, Physical Education, and Recreation

Master of Arts in Health, Physical Education & Recreation

The Master of Arts in HPER allows specialization in one of three areas: Health and Physical Education, Exercise Physiology, and Sports and Recreation Administration. The program is designed to provide students with opportunities to develop and demonstrate the expertise and research skills which are necessary to enable them to make independent professional contributions in their chosen area of specialization.

In addition to the above specializations Morehead State University offers the Master of Science in Physical Education with an emphasis in Sports Administration. This is a collaborative degree between Eastern Kentucky University and Morehead State University. This degree is designed for graduate students unable to devote full-time status towards a degree program. The course work is scheduled in a three year delivery sequence. The delivery mode is primarily through distance education technology.

Admission Requirements

1. General admission to graduate study, a minimum of 2.5 g.p.a.
2. Completion of an undergraduate major or minor in health, physical education, recreation, or successful completion of selected undergraduate prerequisites for the sports and recreation administration option, an undergraduate major or minor in business or communications is acceptable for full admission.
3. A minimum GRE score of 1100 or 44th. Percentile on the Miller Analogy Test.

Requirements for the Degree

1. Satisfy general degree requirements.
2. Complete all professional core courses.
3. Fulfill stated requirements for the selected area of specialization and

research/internship.
 4. Pass a written comprehensive exam.
 5. Pass an oral examination over the course of the program.
 6. Have an exit g.p.a. of 3.0 or higher.
Program Requirements
Professional Core Curriculum
 EDF 600 Research Methods in Education
 or HPER 600 Research Methods in Education
 HPER 601 Interpretation of Data.
 HPER 610 Readings and Graduate Seminars

Areas of Specialization:
 The student will choose to specialize in one of the following areas: Health and Physical Education, Exercise Physiology, and Sports and Recreation Administration.
Health/Physical Education
 Students must select 15-18 hours from the following courses:
 Hrs.
 HLTH 508 General School Safety
 HLTH 518 Use and Abuse of Drugs.
 HLTH 603 Administration of Schools
 HLTH 602 Wellness Promotion.
 HLTH 613 Administration of Public Health
 HLTH 614 Principles of Epidemiology
 HLTH 650 Graduate Seminar
 PHED 617 Advanced Adapted Physical Education
 PHED 611 Issues in Health and Physical Education
 PHED 612 Program Design, Implementation, and Evaluation
 PHED 608 Seminar in Motor Learning and Behavior
 PHED 670 Directed Research
 PHED 699 Thesis
 PHED 670 Directed Research
 PHED 699 Thesis
 TOTAL HOURS REQUIRED

Exercise Physiology
 Undergraduate prerequisites: Comp. Bio 231, BIO 232, PHED 325, PHED 402, PHED 506
 Select 12 hours from the following:
 PHED 651 Advanced Clinical Exercise Physiology
 HPER 602 Wellness Promotion
 PHED 606 Physiology: Metabolic and Bioenergetics
 PHED 607 Physiology: Cardiac and Respiratory
 HLTH 614 Principles of Epidemiology
 PHED 617 Advanced Adapted Physical Education
 PHED 670 Directed Research
 PHED 699 Thesis
 PHED 672 Exercise Physiology Seminar
 PHED 653A Corporate Practicum

PHED 653B Clinical Practicum	3-9	Requirements regarding completion for the Master's degree:
TOTAL HOURS REQUIRED	33	1. All candidates must successfully complete the Professional Core Curriculum.

Sports and Recreation Administration

Students must take the following 18 hours:

	Sem.	Hrs.	
PHED 630 Sports and Recreation Marketing	3	3	2. A candidate who fails to successfully complete the examination will be, following notification, required to retake the examination over the sections failed.
PHED 631 Sports and Recreation Administration Seminar	3	3	3. The written retake examination following notification, may not be taken until after consultation with the respective advisor, at least two weeks before the examination, a prepared list of questions to be asked during the examination, and a prepared list of questions to be asked during the examination.
PHED 632 Organization and Administration of Athletics and Recreation	3	3	4. The written retake examination will be, following notification, required to be taken within the term appointed by the Department Chair.
PHED 635 Legal Issues in Sports and Recreation	3	3	5. A candidate who fails to successfully complete the examination following notification by the respective advisor, required to retake the examination the second term following the first written examination.
PHED 605 Planning Facilities for Physical Education	3	3	6. The second written retake examination will be, following notification, required to be taken within the term appointed by the Department Chair.
REC 604 Recreation and Leisure	3	3	7. The second written retake examination will be, following notification, required to be taken within the term appointed by the Department Chair.
(Electives) students must select 3 hours from the following:			
MNGT 600 Survey of Management & Organizational Behavior	3	3	8. The candidate who fails to successfully complete the examination will be, following notification, required to retake the examination over the sections failed.
SPCH 567 Organizational Communication	3	3	
ACCT 600 Survey of Accounting	3	3	
PSY 604 Sports Psychology	3	3	
PHED 634 Sports Nutrition	3	3	
Research or Internship - select 6 hours from			
REC 670 Directed Research	3	3	
PHED 671 Internship	3-6	3-6	
PHED/REC 699 Thesis	6	6	
TOTAL HOURS REQUIRED	36	36	

Student Competencies

The following competencies will be obtained in the HPER core courses listed below:

EDF 600-Research Methods in Education or HPER 600 Research Methods in HPER
 HPER 601-Interpretation of Data
 HPER 610-Readings and Graduate Seminar

1. Demonstrate an understanding of the methodology and significance of research techniques as they relate to the various educational disciplines (EDF 600 and HPER 601).
2. Demonstrate the ability to utilize various research methods and apply the findings to the various educational disciplines (EDF 600, HPER 600, and HPER 601).
3. Demonstrate the ability to analyze both quantitative and qualitative data (EDF 600, HPER 600 and HPER 601).
4. Demonstrate the ability to design and conduct applied research in the disciplines of health, physical education and recreation (EDF 600, HPER 600, and HPER 601).
5. Demonstrate an understanding of the dimensions of wellness and its impact on lifestyle and quality of life (HPER 600, 601, and 610).
6. Demonstrate an understanding of current practices associated with the disciplines of health, physical education (PHED 610).
7. Develop a personal philosophy regarding the value of health, physical education, recreation, sport and sportsmanship (PHED 610).

Assessments:

Assessments include the successful completion of written papers, oral presentations, quizzes, examinations, a written comprehensive examination, and an oral comprehensive examination.

application to a doctoral program
Applications for the fall semester
be considered until July 15 based

Admission Requirements

1. General admission to graduate
2. Completion of 18 semester hour psychology and a 3 hour course
3. Undergraduate g.p.a. of 3.0 pr
4. Total general GRE score of 150
5. Adequate interpersonal skills, telephone call by the clinical
6. Excellent letters of recommend major department faculty).
7. Personal Statement.

Applicants should note that enro number of students each year.

Students who lack prerequisite o however, credit for course work re be applied towards the master's de

Students who do not have an unde and Analytical scores from the GRE sufficient evidence of probability such as previous success in relate Analogy Test, or other indices no graduate study in psychology.

Department of Psychology

(606) 783-2981
601 Ginger Hall

Graduate Faculty: Bruening, L. Clough, L. Couch, J. Gotsick, L. Haller, B. Mattingly, (Chair) C. Morgan, D. Olson, F. Osborne, and G. Tapp.

Degree Master of Arts in Psychology (Clinical, Counseling, General)

Master of Arts in Psychology

Students in the Master of Arts in psychology degree program may elect an clinical, counseling, or general psychology.

Clinical Psychology

The Master of Arts in clinical psychology is designed to lead to certification in Kentucky and other states which provide for certification of master's level psychologists. In Kentucky, certification status is awarded to an individual having a master's degree in clinical psychology by the Kentucky Board of Examiners upon successful completion of an objective examination covering both scientific psychology and clinical psychology. The student must complete a program of study based on curriculum guidelines provided by the Board of Examiners in Psychology in order to achieve entry to the certification examination.

The clinical program follows the practitioner model in agreement with the American Psychological Association's position on M.A. level psychology training. The emphasis is on applied clinical skills plus knowledge of the general field of psychology. Good clinical practice is based on, at least, intelligent consumership of psychological theory (in areas not limited only to clinical psychology) and psychological research. Competencies in critical analysis of theories, experimental design, and quantitative data analysis will also be expected.

The clinical program normally takes two years to complete, based on a recommended 60 hours of study, including a 16-week full-time internship. A thesis is not required for completion of the program but is recommended for students considering eventual

Requirements for the Degree

1. Satisfy general degree requirements
2. Completion of all core clinical courses (674, and 678) with a grade of B or better. If a student fails a course in this program, students must repeat the course. In Kentucky, a course may be repeated once.
3. Successful completion of candidacy requirements
4. Successful completion of final examination of the following courses:
 - PSY 631 - Advanced Physiological Psychology
 - PSY 634 - Learning Theory and Psychological Differences
 - PSY 636 - Psychological Theory in Development
 - PSY 637 - Personality Theories and Research
 - PSY 638 - Quantitative Data Analysis
 - PSY 582 - Experimental Psychology
 - PSY 639 - Social Psychology
 - PSY 640 - Statistics

PSY 611 - Computer Packages for the Life Sciences (3 hours)	2. Written candidacy examinations
or	four hours duration for each
MATH 553 - Statistics	students must take two common
	Psychotherapy Psychopathology)
<i>Area requirements</i> 37	restriction that no more than
PSY 601 - Legal and Ethical Issues in Psychology	Group II examinations.
PSY 657 - Intellectual Assessment	The two common, required examina
PSY 658 - Assessment of Children	fall semester. If failed, a reta
PSY 661 - Psychopathology	elective candidacy examinations
PSY 662 - Assessment of Adults	as determined by the course(s) i
PSY 663 - Marital and Family Therapy	the same manner. A retake may c
or	
PSY 664 - Clinical Hypnosis	3. Final oral examination- a fina
PSY 672 - Practicum (6 hours)	committee, typically consistin
PSY 673 - Psychotherapy I	experimental faculty member. T
	two hour time period, asked of
	material from the student's ac
	knowledge to hypothetical situ
PSY 674 - Psychotherapy II	
PSY 678 - Internship (9 hours)	If the student's performance is de
<i>Electives</i> 5	repeated one semester following th
	occur only once. The original exam
TOTAL HOURS REQUIRED 60	last semester within the program.

Competencies for Clinical Psychology

Understand principles of research design and statistics in order to function as either an "intelligent consumer" of the research literature in the field or conduct research within the discipline.

Know the basic theories and principles in the biological, cognitive-affective, and experimental areas of psychology.

Develop a basic knowledge and understanding of individual differences including coverage of normal developmental processes including intellectual development.

Understand the ethical and legal issues that are basic to the field and Clinical Psychology.

Demonstrate a basic knowledge and skills in the conduct of diagnostic include knowledge of the DSM-IV diagnostic system.

Know basic concepts and applications of psychometrics, including skills in administration, scoring, interpretation, and presentation of results of psychological evaluations (this includes coverage of the most widely used psychological available including the WAIS-III, MMPI-2, Rorschach, and WISC-III).

Demonstrate an understanding of the major theoretical systems in psychotherapy, well as more advanced knowledge of the practice of psychotherapy.

Demonstrate skills in selected, specialized methods of psychotherapy including hypnosis, marital and family therapy, and/or group psychotherapy.

Demonstrate in a range of clinical/counseling supervised field experiences entry level clinical skills in diagnosis, evaluation, and therapeutic intervention.

Counseling Psychology

Students who are interested in children and/or adults in all nonpub program emphasis within the depart identical to the Master's program in lieu of the clinical program's entrance to the certification exam (including Kentucky) which provide the Master's level of preparation.

Admission Requirements

1. General admission to graduate interviewing to
2. Completion of 18 semester hour psychology and a 3 hour course in the graduate g.p.a. of 3.0 pr test instruments
3. GRE - Verbal, Quantitative, and 1200 required.
4. Adequate interpersonal skills, with a clinical/counseling psy
5. Excellent letters of recommend major department faculty).
6. Personal Statement.

Assessment Methods for Clinical Psychology

1. Class grades-grade of B or above is required in 10 of the courses in the programs. A course must be repeated if a grade lower than B is obtained more grades below B in clinical and/or non-clinical courses are obtained. The student is dropped from the program.

Applicants should note that enro specific number of students each y conditionally admitted to the pro to gain unconditional admission ma Students who do not have an unde and Analytical score from the GRE

sufficient evidence of probability of success in the program. This would include experimental areas of psychology and research. Factors such as previous success in related work experiences, satisfactory scores on the Miller's Analogy Test, or other indices normally associated with success in graduate study in psychology.

Requirements for the Degree

1. Satisfy general degree requirements.
2. Completion of PSY 661, 672, 673, 674, and 678 with a grade of B or better in each course. In order to continue in the program, students must repeat any of these courses in which grades of C are obtained, or otherwise demonstrate to the faculty competency in skills taught in these courses. No course may be repeated one time.
3. Successful completion of candidacy examination.
4. Successful completion of final oral examination.
5. Completion of the following program:

A. Core Requirements: All students must select at least three semester hours from each of the following categories: (18 hours)

1. Biopsychology:
 - PSY 621 Adv. Physiological Psychology, 3 hours;
2. Cognitive-Affective Psychology:
 - PSY 634 Learning Theory, 3 hours;
3. Individual Differences:
 - PSY 576 Seminar in Developmental Research, 3 hours or PSY 633 Personality, 3 hrs;
4. Research Design:
 - PSY 582 Experimental Psychology II, 3 hours;
5. Social Psychology:
 - PSY 554 Social Psychology, 3 hours
6. Statistics:
 - PSY 611 Computer Packages for the Life Sciences, 3 hours or MATH 553 Statistics, 3 hours.

B. Area Requirements: 37 hours.

- PSY 601 - Legal and Ethical Issues, 1 hour
- EDGC 619 - Career Counseling, 3 hours
- EDGC 662 - Individual Inventory Techniques, 3 hours
- PSY 661 - Psychopathology, 3 hours
- PSY 663 - Marital and Family therapy, 3 hours
- EDGC 667 - Group Counseling, 3 hours
- PSY 673 - Psychotherapy I, 3 hours
- PSY 674 - Psychotherapy II, 3 hours
- PSY 672 - Practicum, 6 hours
- PSY 678 - Internship, 9 hours

C. Electives: 5 hours

Competencies for Counseling Psychology

Understand principles of research design and statistics in order to function as an "intelligent consumer" of the research literature in the field or conduct research within the discipline.

Know the basic theories and principles in the biological, cognitive-affective, social, and individual for

General Psychology

The department offers a 30 hour course consisting of 18 hours of core basic and/or applied courses in psychology or in psychological research. The course includes an applied project (3 semester hours) and is required for doctoral study in

depending upon the specialization taken. Specializations are offered in cognitive, developmental, social, perception, and psychopharmacology.

Admission Requirements

1. General admission to graduate study.
2. Completion of 18 semester hours of psychology, including a course in statistics and a course in experimental psychology.
3. A g.p.a. of 3.0 or above preferred.
4. Preferred GRE score of 1500 or above, minimum of 1200 required.
5. Three letters of recommendation.
6. Personal Statement.

Students who lack prerequisite courses may be conditionally admitted. Students who do not have satisfactory undergraduate g.p.a., or GRE scores may be admitted if there is sufficient evidence of probability of success in the program.

Students who believe that they possess a strong aptitude for graduate study in psychology but do not meet the g.p.a. or GRE requirement should contact the department regarding procedures for documenting their ability to succeed in the graduate program.

Requirements for the Degree

1. Satisfy general degree requirements.
2. Successful completion of candidacy examinations,
3. Successful completion of final oral examination.
4. Completion of the following program:

Core requirements 15-18 hours

PSY 633 - Personality Theory or PSY 634-Learning Theories or

PSY 661 - Psychopathology

PSY 582 - Experimental Psychology or PSY 584-Perception

PSY 611 - Computer Packages for the Life Sciences

PSY 554 - Seminar in Social Psychology

PSY 690 - Applied Project or PSY 699-Thesis

Area requirements 12-15 hours No more than three elected areas

Area requirements for the various areas are determined by the student with the approval of the advisor and department chair.

Competencies for General Experimental Psychology

Understand principles of research design and statistics in order to function as an "intelligent consumer" of the research literature in the field or conduct research within the discipline.

Know the basic theories and principles in the biological, cognitive-affective, and experimental areas of psychology.

Develop advanced knowledge and skills in a specialized area of scientific psychology.

Develop a basic knowledge and understanding of individual differences in behavior.

Acquire specialized knowledge in area(s) of interest through the choice of electives in psychology and related fields.

Assessment Method for General Experimental Psychology

1. Written candidacy examinations-four written candidacy examinations, approximately two hours duration for each examination, are required of all general-experimental students. Students may elect up to three subject fields from one of the two groupings of subject fields. These examinations are given at various times during the academic

year, as determined by the faculty. If failed, a retake typically only once.

2. Final oral examination-final oral examination consisting of two general questions and a defense by the student of his/committee members related to the student's last semester in the department. The examination is typically given by a faculty member. The examination is repeated, usually during the semester examination may occur only once.

Admission to Candidacy

Candidacy examinations are required for admission, students of the following categories:

Group I

1. Learning
2. Physiological Psychology
3. Research Design and Statistics
4. Social psychology

Group II

1. Personality
2. Human Development
3. Psychological Testing
4. Psychotherapy and Psychopathology

requirements:

1. A satisfactory grade on each of the four examinations.
2. A 3.0 or higher grade-point average on the four examinations.
3. Recommendation of the student's advisor.
4. Removal of all admission conditions.

below a 3.0 will be placed on a on achieve a g.p.a. of 3.0 after one Any student who receives a grade of graduate credit will be immediate.

General Sociology Option
Students electing this option must

PLAN A (30 hours)

- a. Completion of a minimum of 30 sociology. At least 15 hours of 600 level.
- b. Completion of an approved thes

PLAN B (36 hours)

- a. Completion of a minimum of 36 At least 18 hours of sociology hours of independent study or i hours at the level).
- b. Complete a written comprehensi

Department of Sociology, Social Work, & Criminology

(606)-22856
347 Rader Hall

Graduate Faculty Becker, E. Breshel, R. Bylund, C. Hardesty, R. Katz, E. Reeves(Chair) J. Seelig, J. Stafford, S. Tallichet.

Degree Master of Arts in Sociology (General, Criminology, Gerontology)

Master of Arts in Sociology

The Master of Arts in Sociology allows options in three areas: (1) general sociology, (2) criminology, and (3) gerontology. All options require basic courses in the methods. The gerontology option requires a practicum in a professional setting.

In addition to these options the department participates in a cooperative Master of Social Work degree with the University of Kentucky. All of the program courses are offered on the Morehead State University campus. The program, fully accredited by the Council on Social Work Education, results in a Master of Social Work degree from the University of Kentucky.

Admission Requirements

- 1. General admission to graduate study.
- 2. Completion of 18 semester hours of undergraduate work in sociology or
- 3. A minimum standing of 3.0 on all sociology courses above the freshman
- 4. A minimum GRE score of 1000.
- 5. Submit a two-page typewritten statement of personal, educational, and be used as a writing sample.

Requirements for the Degree

- 1. Satisfy general degree requirements.
- 2. All students must take SOC 615, Sociological Research, and SOC 650, Sociological Thought and Theory.
- 3. Completion of one of the three options: general sociology, criminology, or gerontology.

Academic Standing

All students pursuing the M.A. in Sociology must maintain a 3.0 g.p.a. Students falling

Criminology Option

Students electing this option must

PLAN A (30 hours)

- Required specialization courses:
 CRIM/SOC 601 Criminology Theory...
 CRIM/SOC 602 The Realities of Prison...
 CRIM/SOC 625 Deviance
 Graduate Criminology or Sociology
 SOC 699 Thesis

PLAN B (36 hours)

- Related field specialization courses:
 Level 516 Working with Offenders.
 CRIM/SOC 601 Criminology Theory..
 CRIM/SOC 602 The Realities of Prison
 CRIM/SOC 625 Deviance
 Graduate Criminology or Sociology
 Comprehensive examination

Gerontology Option (36 h

Students electing this option must sociology. Nine of these hours must be independent research. Eighteen semester hours earned in courses at the 600 level.

- research may be taken to meet 600 level course requirements.) Full bleed pix
- b. Completion of a minimum of 9 semester hours in gerontology or gerontology-related courses.
 - c. A written comprehensive examination.

Competencies Required in the Program

1. Students will be familiar with general theoretical and methodological strategies in sociology.
2. Students will be able to apply sociological analysis to a wide range of phenomena.
3. Students will learn the techniques of theory construction, data analysis, computer techniques, and professional report writing.
4. Students will develop competencies in substantive areas of sociology.
5. Students choosing the gerontology option will develop substantive knowledge in that area and also learn practical skills through intensive practicum experiences.

Assessment Procedures

1. Competencies in theory, methods, analytical thinking, and professional report writing are assessed in each course in the curriculum.
2. Take home comprehensive examinations are administered in each of the program specialities (general, criminology, and gerontology) only during the months of February, May, and September. Exams are graded during March, June, and October respectively, with results available before the end of these months.
 - A. Examination grades are: high pass, pass, conditional pass, and fail. Students who earn the grade of high pass or pass will continue in the program and remain in good academic standing. Students who conditionally pass will have one opportunity to retake the exam or part of it. Students who fail the retake examination, or who receive a "fail" on their initial attempt will be placed on "probation" and required to register for SOC 670 or CRIM 670 in the next semester and complete a project that will be graded by the examination committee. Students earning grades less than a B will be dropped from the program. The credit hours earned in fulfillment of this requirement will not be counted toward degree requirements.
 - B. Administration of this policy will be by the Sociology Graduate Examination Committee.
3. Students choosing the thesis option are systematically assessed by their committee and undergo an oral defense of their research.
4. Program assessment also takes place through alumni surveys in conjunction with program reviews.

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Caudill Co

Departments: Art; Communications;
Geography, Government, and History

Department of Art

(606)-783-2766

211 Claypool-Young Art Building

Graduate Faculty Bartlett, D. Ferr
J. Gritton, E. Mesa-Gaido, G. Mesa

Degrees Master of Arts in Studio A
option required for those seeking

Master of Arts in Art

Admission Requirements

1. General admission to graduate
2. Completion of an undergraduate
3. A minimum standing of 3.0 at t
4. Minimum GRE score of 1000 for
5. Submission of an acceptable p

Requirements for the Degree

1. Must satisfy general degree re
2. All candidates for the degree
drawing at the graduate level.
3. Those candidates electing the
approved thesis.
4. Those candidates who elect the
in studio art.
5. Candidates for either studio a
completed at the graduate leve
6. All students must pass a preli
7. In connection with their exhib
a final oral examination befor

Student Competencies

Students completing the program w

1. Understand and skillfully app
production and presentation o
2. Use knowledge of visual charac
ideas.
3. Choose and evaluate a range of
works of
art (to communicate meaning)

- 4. Understand the visual arts in relation to history and cultures.
- 5. Reflect upon and assess the characteristics and merits of their work and the work of others.
- 6. Make connections between the visual arts and other disciplines.
- 7. Communicate about art effectively in written and oral form.

Assessments

Preliminary oral before three or more members of the graduate art faculty (taken halfway through program of study). During the preliminary oral exam, students will be informed of any deficiencies and how to address them in their future studies.

Candidates electing either studio art program must have a one person exhibition of art work completed at the graduate level. The oral exam committee will make appraisal of the art work.

Candidates electing the art grades P-12 art education option must work under the guidance of an appointed faculty member. The oral exam committee will make critical appraisal of the thesis.

All candidates will have an oral examination before an appointed committee of more graduate art faculty members.

- 4. Students changing their emphasis will be interviewed in the Communication Committee.
- 5. **Application materials must be submitted at the beginning of the semester.**

Exit Assessment

- 1. The exit examination will be taken during the final week of each term to assess student learning.
- 2. A grade exit exam will be conducted for students who are completing a thesis or project. Theses and projects will be reviewed by the student plans to graduate.
- 3. The exit exam will be held during the final week of classes, or during the final week of the semester.

Requirements for the Degree

- 1. Students must complete a general degree requirement of 36 credit hours.
- 2. If the option selected requires a thesis, a creative production, or design project, the student must complete a minimum of 12 credit hours in the area of specialization.
- 3. No more than 10 graduate hours may be applied toward degree completion. Courses include: COMM 539. Cooperative Study; COMM 676, Directed Research; and COMM 676, Directed Research.
- 4. Emphasis on either one or a dual specialization: advertising/public relations, electronic media, theater.

Department of Communications

(606) 783-2134
143 Waterfield Hall

Graduate Coordinator Earl, 123 Waterfield Hall, (606) 783-2695

Graduate Faculty Albert, M. Biel, N. Earl, R. Frank, S. Kasior, G. LaFleur, W. Layne, T. Lockhart, and J. Modaff.

Degree Master of Arts in Communications (Advertising/Public Relations, Electronic Media, Journalism, Speech, Theater)

The requirements for the Master's degree may be found in the Department of Communication Catalog.

PLAN A

Single Emphasis with Thesis

- COMM 600 Qualitative Research Methods
- COMM 605 Communication Theory...
- COMM 610 Bibliographic Research and Analysis
- COMM 615 Quantitative Research Methods
- COMM 620 Seminar in Communication.
- Area of Specialization.....
- Thesis

TOTAL HOURS REQUIRED

PLAN B

Single Emphasis without Thesis

- COMM 600 Qualitative Research Methods
- COMM 605 Communication Theory...
- COMM 610 Bibliographic Research and Analysis
- COMM 615 Quantitative Research Methods
- COMM 620 Seminar in Communication.
- Area of Specialization.....

Master of Arts in Communications

The Master of Arts in Communications provides for an emphasis in the fields of advertising and public relations, electronic media, journalism, speech, and theater, or a dual emphasis in any two of these fields.

Requirements for Admission

- 1. Entrance Requirements:
 - a. GRE x undergraduate g.p.a. = 3300 or above (a minimum of 1000 GRE).
 - b. Students must have an undergraduate degree in a closely related field, or compensatory courses equivalent of a "minor."
 - c. A minimum of 1000 is required on the GRE.
- 2. GRE and TOEFL must be completed prior to admission to the program.
- 3. All students will submit with application for admission to the Communications program, a two page written "Statement of Personal and Professional Goals, and a 10 to 15 page example of undergraduate writing (term paper, e.g.) to be reviewed by the department subcommittee on admissions. This will allow subjective indication of will, commitment, and writing ability.

Electives	3	and Philosophy
TOTAL HOURS REQUIRED	33	(606)-783-2185 103 Combs Building

PLAN C

Dual Emphasis without Thesis

	Sem. Hrs.	Graduate Faculty
COMM 600 Qualitative Research Methods in Communications	3	Adams, V. Cano, G
COMM 605 Communication Theory	3	F. Helphinstine, S. Henneberg, T.
COMM 610 Bibliographic Research and Writing	3	(Chair),
COMM 615 Quantitative Research Methods in Communications	3	R. Morrison, S. Morrison, L. Neep
COMM 620 Seminar in Communication	3	
First area of specialization	12	Degree Master of Arts in English
Second area of specialization	9	Master of Arts in English
TOTAL HOURS REQUIRED	36	Requirements for Admission

Student Competencies

Students must demonstrate competency in the following areas:

1. Qualitative research methods
2. Quantitative research methods
3. Communication theory
4. Bibliographic research
5. Seminar topics

Students must also demonstrate competency in one or two of the following:

6. Advertising/ public relations
7. Electronic media
8. Journalism
9. Speech
10. Theater

Students must also demonstrate:

11. Their ability to integrate, synthesize, and apply the knowledge gained in their master's program.

Means of Assessing Competencies

All students must receive a grade of A or B in the following courses:

COMM 600, 605, 610, 615, and 620. No credit is allowed for a grade below C.

Students must take a written, comprehensive exit examination. The student's grade on this examination, as determined by the committee (either three or four graduate faculty members chosen by the student and approved by the Graduate Coordinator of Communications) determines whether or not the graduate student has passed.

Graduate Faculty
Adams, V. Cano, G
F. Helphinstine, S. Henneberg, T.
(Chair),
R. Morrison, S. Morrison, L. Neep

Degree Master of Arts in English

Master of Arts in English

Requirements for Admission

1. General admission to graduate school
2. Completion of an undergraduate degree
3. A minimum average of 3.0 on all undergraduate courses, to have included 12 credit hours
4. 1200 combined score on the GRE

Requirements for the Degree

1. Satisfy general degree requirements
2. Maintain a 3.0 average in all English courses for credit toward the degree.
3. ENG 603: Bibliography,
4. A reading knowledge of a foreign language, a reading course designed for graduate students at the undergraduate level
5. Satisfactory performance on the exam (the exam more than twice.)
6. A minimum of 33 graduate hours, 12 hours in one other field. The minimum requirements: 3 hours in literature, with at least 3 hours in the other field.
7. Graduate option: in place of two hours of the above, a student may elect an oral defense.

Competencies and Assessments

1. Command of advanced research methods in study in English. Assessments:
 - a. English 603: Bibliography (written)
 - b. Essays, other written assignments
 - c. Oral reports
 - d. Annotated bibliographies
 - e. Library exercises
 - f. Exams
 - g. M.A. in English exam
 - h. M.A. thesis (optional)
2. Demonstrated ability to read at the graduate level

skills

appropriate to graduate study in English. Assessments:

- a. Essays, other written assignments
 - b. Oral reports
 - c. Annotated bibliographies
 - d. Library exercises
 - e. Exams
 - f. M.A. in English exam
 - g. M.A. thesis (optional)
3. Demonstrated ability to produce written discourse significantly beyond the level expected of undergraduate English majors. Assessments:
- a. Essays, other assignments
 - b. Annotated bibliographies
 - c. Exams
 - d. M.A. in English exam
 - e. M.A. thesis (optional)
4. Demonstrated ability to produce spoken discourse significantly beyond the level expected of undergraduate English majors. Assessments:
- a. Oral reports
 - b. Class discussion
 - c. Oral defense of M.A. thesis (thesis optional)
5. Working knowledge of major periods in American and British literature, as well as major authors and works in those periods. Assessments:
- a. Essays, other written assignments
 - b. Oral reports
 - c. Library exercises
 - d. Exams
 - e. M.A. in English exam
 - f. M.A. thesis (optional)
6. Command of advanced literary terminology and basic approaches to literary criticism. Assessments:
- a. Essays, other written assignments
 - b. Oral reports
 - c. Annotated bibliographies
 - d. Library exercises
 - e. Exams
 - f. M.A. in English exam
 - g. M.A. thesis (optional)
7. Working knowledge of linguistic approaches to the study of language. Assessments:
- a. Essays, other written assignments
 - b. Oral reports
 - c. Library exercises
 - d. Exams
 - e. M.A. in English exam
 - f. M.A. thesis (optional)

Exit Examination Information

The M.A. in English Exam is a three-hour essay exam offered twice yearly, once in April and once in July. No student may take the examination more than twice.

Department of Geography

(606)-783-2655
350 Rader Hall

Graduate Faculty Back, W. Green
Degree See below

The Master of Arts in History degree and other graduate programs may, with the department. Courses are listed

Department of Music

(606) 783-2473
106 Baird Music Hall

Graduate Faculty Burgess, C. Gall
P. Taylor.
Degree Master of Music (Music Educa

Master of Music

The Master of Music degree is o
music education.

Admission Requirements

1. General: admission to graduate s
2. Completion of a bachelor's degr
3. A minimum standing of 3.0 on al
level.
4. Completion of entrance examinatio
(aural).
5. Minimum GRE Score of 1,200 is r
6. Audition by the appropriate mus
Performance."

Requirements for the Degree

1. Satisfy general degree requirem
2. A final written examination in
comprehensive oral examination

3. Complete one of the following options:

- Final comprehensive written exam
- Final research project in music

Emphasis on Performance

	Sem. Hrs.	
Applied music	8	Should the assessment prove to principal graduate advisor and core were deemed to be deficient.
Graduate recital	2	
Independent study (related to performance area)	1-3	
Studies in Musical Style	3	Specialized Teaching Area in Music
Seminar in Music Research	3	Students who are pursuing a Master's degree in a specialized teaching area in Music Education may take up to 6 hours of
3 Electives in music history and literature	6	
Electives	5-7	

TOTAL HOURS REQUIRED 30 Music Education
 MUSE 681 Foundations of Music

(Music electives may be chosen without limitation except for applied music, in which a maximum of 8 semester hours in the major performing area may be taken. A maximum of 6 hours from disciplines other than music may be taken.)

Emphasis on Music Education

Plan		
C		Music Theory
Applied music	2	MUST 690 Studies in Musical Style
Studies in Musical Style	3	Music Electives
Seminar in Music Research	3	Select from the following
Foundations of Music Education	3	MUSE 578 Teaching of Percussion
Psychology of Music	2	MUSE 579 Marching Band Techniques
Independent study	0	MUSE 595 Voice Pedagogy
Graduate recital*	0	MUSE 625 Psychology of Music
Thesis6	MUSH 581 Literature of the Piano
Electives in music history and literature	6	MUSH 591 School Band Literature
"Electives	5	MUSH 592 Vocal Literature
		MUSH 601-643 Music (Private App

TOTAL HOURS REQUIRED 30 30

(Music electives may be chosen without limitation except for applied music, in which a maximum of 8 semester hours in the major performing area may be taken. A maximum of 6 hours from disciplines other than music may be taken.)

*The graduate recital may be given in composition or conducting as well as other performing areas. The approval of the graduate faculty in these areas. In this case a minimum of 2 hours in applied music is required, along with at least 4 hours of course work in composition or conducting

*Graduate credit in ensembles does not apply toward degree requirements.

Competencies

- as a performer
- as a researcher
- as a music historian/theorist
- as a music educator

Assessments

- Graduate jury and public recital
- Final written exam over area of specialization

Exit Examination

A final exit examination in music is required. Students in their first semester who successfully complete a comprehensive exit examination may request a minimum passing score may request to perform adequately on an oral exam course work and a subsequent exit

Music Fees

One half-hour private lesson per week
 Each additional half-hour private lesson
 Recital fee

Private Applied Music

A graduate student usually takes private applied music instruction. Under certain conditions, with the instruction for graduate credit in music curriculum may take private applied music instruction. Proficiency can be demonstrated.

Full bleed pix



College of Science and Technology

Departments: Agricultural & Human Sciences; Biological and Environmental Sciences; Industrial Education and Technology; Mathematical Sciences; Physical Sciences

Department of Agricultural & Human Sciences

(606)-783-2662
325 Reed Hall

Graduate Faculty: McDermott, B. Rogers, M. Sampley and J. Willard

Degree: Master of Science in Vocational Education/Technology

Non-Degree Program: Rank I Program in Vocational Education/Technology

Department of Industrial Education and Technology

(606)-783-2418
210 Lloyd Cassity Building

Graduate Faculty: Morella, J. Smallwood, A. Zargari

Degree: Master of Science in Vocational Education/Technology

Non-Degree Program: Rank I Program in Vocational Education/Technology

Master of Science in Vocational Education/Technology

This degree is structured to allow individuals to pursue a teaching or non-teaching course of study. The teaching component of this program is designed for the career advancement of individuals in vocational programs at the high schools and vocational-technical schools in the areas of agriculture, human sciences, and industrial education. The non-teaching component is to prepare technologists with advanced technical management skills who are capable of managing personnel and facilities in technology-based organizations. The proposed component is designed primarily for persons who have completed undergraduate programs in agriculture, human sciences, industrial technology, engineering, engineering technology, manufacturing engineering, mechanical design and related technical-professional programs.

Admission Requirements

1. Satisfy University admission requirements.
2. Satisfy one of the following:
 - * A minimum score of 1050 on the graduate record exam (3 parts of GRE), and a minimum of 3.0 undergraduate grade point average (GPA) in major field.
 - * (GRE score) x (G.P.A) = 3000

Requirements for the Degree

1. Satisfy admission requirements.
2. Pass both an oral and written comprehensive exit examination.
3. Complete the required course work in the three components as follows:

Hrs.

A. Core Courses

The student must complete 12 semester hours of core courses including IET 600, AGR 600, HS 600-Impact of Technology on Society, IET 603, AGR 603, HS 603-Quality of Life, VOC 630-Evaluation Techniques, VOC 685-Principles and Philosophy of Vocational Education, VOC 698-Career and Vocational Guidance, and VOC 660-Trends and Issues in Vocational Education.

Graduate students who pursue a non-teaching concentration must complete AGR-HS 600 and IET-AGR-HS 603.

B. Technical Concentration Students interested primarily in agriculture, human sciences or human sciences will be allowed to choose a technical concentration, subject to the approval of the department chair.

C. Approved Research or Electives Students must elect to take 6 semester hours of approved research (670) or directed study (676).

Students should not take more than 6 semester hours of approved research (670) or directed study (676).

Approved electives may be used to complete the 12 semester hour requirement.

TOTAL HOURS REQUIRED

The interdisciplinary nature of the program requires that the student's graduate committee include members from the major areas of the program. The student should elect to conduct research or directed study with an advisor.

Student Competencies

1. Knowledge of the development, history, and current trends in vocational education.
2. The ability to analyze and understand the role of vocational education.
3. An understanding of the importance of research in vocational education.
4. An understanding of guidelines and standards for the development of individuals understand career development.
5. An awareness of the role parents play in the career planning of the student through the career planning process.
6. Knowledge of legislative funding sources and their impact on entrepreneurship education.
7. An understanding of planning a career within a school system and the ramifications of that plan.
8. The ability to aid in development of a career plan.

- which will lead to proficiency in teaching vocational education.
- 9. The ability to understand the principles of and the knowledge and skill necessary to understand and implement technical preparation education.
- 10. The ability to recognize different types of data derived from an examination and to measure and evaluate individual student performance.
- 11. The ability to develop tests containing the four characteristics of a good instrument.
- 12. The ability to manage personnel and facilities in educational and industrial organizations.

years. Upon obtaining employment a certificate will be issued. Upon completion of the certificate shall be extended for individuals who meet program requirements (2) years of teaching experience : have completed the approved academic program in vocational education supervision and coordination (5) years.
 *These hours may be completed at the graduate level.

Certificate for Vocational Education Coordination

Non-Teaching Competencies

- 1. Apply technical-management functions in business, industry, education and government.
- 2. Apply theories, concepts, and principles of related disciplines to communication skills required for technical-managers.
- 3. Apply scientific and technological concepts to solving technological problems.
- 4. Apply concepts and skills developed in a variety of technical and professional disciplines including materials properties and production processes, and quality control and production processes and techniques.

Rank I Program (Non-Degree) Requirements for Admission

- 1. Must hold a master's degree from a university.
- 2. Must hold a valid teaching certificate.

Assessment Procedures

- 1. Students are required to pass both an oral and written exit examination for the grade (passing written examination = 70%).
- 2. Students must complete the required course work with a minimum graduate GPA of 3.0.

Requirements for the Program

- 1. The program must be planned with the student's advisor.
- 2. A minimum of 60 graduate hours for the program.
- 3. A grade-point average of B or better must be maintained.
- 4. A minimum of 30 semester hours of graduate study.
- 5. Up to nine semester hours (of credit) may be earned from other institutions.
- 6. Credit earned by correspondence.
- 7. Student must meet university entrance requirements.

Certification Programs for Vocational School Principal and Vocational Education Supervision and Coordination (Non-Degree)

Requirements for Admission

- 1. Satisfy University admission requirements.
- 2. Bachelor's degree.
- 3. Five- or 10-year teaching certificate for any one of the areas of vocational education authorized in the Kentucky State Plan for Vocational Education.
- 4. Two years of teaching experience in vocational education.

The minimum of 60 graduate hours must be distributed as follows:

- Studies dealing with research
- Studies dealing with the foundations of vocational education
- Psychology of the learner
- Studies dealing with the programs of vocational education
- Specialized areas and supporting studies
- Approved electives

Requirements for the Program

- 1. The program must be planned with the student's advisor.
- 2. 15 semester hours* from the following four areas with a minimum of 3 hours from each area:
 - A. Organization and administration of vocational education
 - B. Administration and supervision of education personnel
 - C. Program planning, research, and evaluation in vocational education
 - D. Vocational guidance; industrial psychology; human relations
- 3. *Certificate for Vocational School Principal*
 For individuals who meet program admission requirements, who complete the approved program of preparation, and who comply with the testing requirements as specified under KRS 161.027, a certificate of eligibility will be issued valid for four years.

MINIMUM TOTAL HOURS REQUIRED
 (The program must be planned with the student's advisor and approved by the department.)

4. Acceptable proficiency in the biology graduate admission exam.
5. Minimum GRE score of 1200 for the biology graduate program.
6. Minimum TOEFL scores for foreign students.

The Approved Preprofessional Practice Program in Dietetics (AP4)

The Approved Preprofessional Practice Program in Dietetics (AP4) is an innovative program approved to accept 10 students per year. The students select the facilities where they will complete the practice experience. The Morehead State University program provides distance format guidance allowing students to complete their internship in their communities of choice. The AP4 Director will coordinate communication with each preceptor, intern and appropriate staff of accepted facilities. This communication system will take many forms including e-mail, listserve, conference calls or site visits to provide education, clarify assignments and to evaluate intern progress. Additionally, the program provides 30 academic graduate credits. These credits are required courses completed during the supervised practice. Upon completion of the AP4 program students are eligible to write the registration examination to obtain registration.

- #### Requirements for the Degree (M.S.)
1. Satisfy University degree requirements.
 2. Complete an approved thesis project.
 3. Complete a minimum of 30 semester hours including six hours credit in dietetics.
 4. At least 24 of the 30 hours remaining hours may be selected by the student's advisory committee.
 5. Complete at least 50 percent of the degree requirements for the degree.
 6. Take final written/oral examination.

- #### Requirements for the Degree (M.A.)
1. Satisfy University degree requirements.
 2. Complete a minimum of 32 semester hours of which must be earned in the field of study.
 3. Complete a minimum of 24 applied hours (with the approval of the advisory committee).
 4. In general, the specifics of the program will be determined with the advice and consent of the advisory committee. Minimum requirements:
 - A. Successful completion of at least 12 hours of study (see "Non-Thesis Areas of Study").
 - B. Each student will be required to complete a minimum of research problems (BIOL 601-605) independent research under the supervision of a faculty member.
 5. Take final written/oral examination.

Department of Biological and Environmental Sciences

(606)783-2944
103 Lappin Hall

Graduate Faculty: DeMoss, G. DeMoss, D. Eisenhour, G. Gearner, D. Magrane, L. Meade, T. Pass, B. Reeder, A. Risk, D. Saxon, D. Smith, C. Tuerk, and C. Wymer

Degree: Master of Science in Biology

Master of Science in Biology

Graduate students pursuing the Master of Science in Biology may elect to follow a thesis or a non-thesis route. An advisory committee of at least three faculty members, including the student's specific area of interest, guides the student's graduate career. With the approval of the student's advisory committee, up to 9 semester hours of graduate work in biology or closely related fields may be transferred as part of the program. Transfer credits may include up to 9 hours of graduate credit from the University of Mississippi, with which the University of Mississippi is affiliated. Additional information regarding specific courses and program possibilities are available in a recently-revised departmental publication, "Guidelines for Graduate Students," available by writing the Chair, Department of Biological and Environmental Sciences, Morehead State University, Morehead, Kentucky 40351, or on-campus students can inquire at 103 Lappin Hall.

- #### Non-Thesis Areas of Study
- 601-General Biology
 - 601-Biological Concepts and the Environment
 - 602-Conservation Genetics
 - 603-Zoology
 - 604-Invertebrate Zoology
 - 605-Histology
 - 530-Ichthyology
 - 531-Herpetology
 - 535-Mammalogy
 - 540-General Parasitology
 - 606-Biology of the Vertebrates
 - 615-Systematic Entomology
 - 640-Advanced Parasitology
 - (3) Cell Biology and Animal Physiology
 - 544-Organ Systems Physiology

Requirements for Admission

1. General admission to graduate study.
2. Completion of an undergraduate major or minor in biology, environmental science, or an equivalent course of study.
3. Minimum standing of 3.0 in all upper division biology courses.

- 590-Biochemistry
- 593-Laboratory Techniques in Biochemistry
- 630-Endocrinology
- 632-Reproductive Physiology
- 645-Molecular Biology
- 650-Cellular Physiology
- (4) *Microbiology*
 - 514-Plant Pathology
 - 518-Pathogenic Microbiology
 - 519-Virology
 - 617-Mycology
 - 618-Microbial Physiology
- (5) *Botany and Plant Physiology*
 - 550-Plant Anatomy
 - 555-Plant Morphology
 - 608-Taxonomy of Vascular Plants
 - 620-Advanced Plant Physiology
- (6) *Environmental Biology*
 - 510-Limnology
 - 635-Advanced Ecology
 - 636-Wetland Ecology and Management

Competencies Required in the Program

1. All students are expected to demonstrate:
 - a. the mastery of course work considered fundamental to the training of a biologist. Required competencies may include the accumulation of knowledge in molecular biology, botany, zoology, microbiology, physiology, ecology and evolution. A thesis-track student may elect to specialize in one of the above areas.
 - b. the mastery of supplementary courses selected to enhance the training of a biologist. Supplemental course work, generally, includes statistics and/or computer skills.
 - c. the use of equipment and instruments required for biological research.
 - d. the ability to think analytically, and have a thorough understanding of the scientific method. Students are expected to evaluate published research with respect to experimental design, strengths and weaknesses of data, and validity of research conclusions.
 - e. the ability to write a formal proposal of their intended research project. The proposal will consist of a literature survey, research objectives, materials and methods, significance, bibliography, and an itemized budget for the research.
 - f. the ability to design original experiments, collect and analyze data, and report the findings through oral and written presentations.
2. Students preparing for post-master's degree professions must develop those competencies required for admission to professional schools, or Ph.D.-level graduate programs.

Assessment of Competencies

- a. Students must pass both a written exit examination prepared by the BES departmental committee and an oral examination given by the student's graduate committee. It is expected that students attain an 80% performance level on the written examination and unanimous approval by the student's graduate committee concerning performance on the final oral examination and research component. Students failing to reach the 80% performance level on the written exam may retake the exam one time after a seven day

- period.
- b. Students must pass with a 70% on statistics or computer skills.
- c. Successful data collection using
- d. In-class evaluation of journal articles. Interpretation of scientific thesis research is evaluated.
- e. All research proposals are evaluated.
- f. Every student is expected to present a seminar (BIOL 671) setting to the department. The seminar is graded by the faculty above. Students failing to reach the 80% level may be referred to their committee after a seven day

Gulf Coast Research Laboratory

Morehead State University is affiliated with the University of Mississippi in Hattiesburg, Mississippi. This affiliation provides an opportunity to take courses and conduct research in the well equipped laboratory located on the campus of the University of Mississippi.

The marine sciences courses offered during the summer, are suitable for students who are interested in a graduate degree of study in the College of Science and Technology. Additional information are available in the Biological and Environmental Sciences section of the Mississippi Research brochure.

Students pay the Mississippi research laboratory fee.

Department of Mathematics

(606) 783-2930
105 Lappin Hall

Graduate Faculty Hammons (Chair), J. Hammons

Degree Not available

There is not a graduate degree program in mathematics. Other graduate programs may, with the approval of the department. Courses are listed in the departmental catalog.

Department of Physical Science

(606) 783-2914
123 Lappin Hall

Graduate Faculty Cain, R. Fiel, R. Hammons

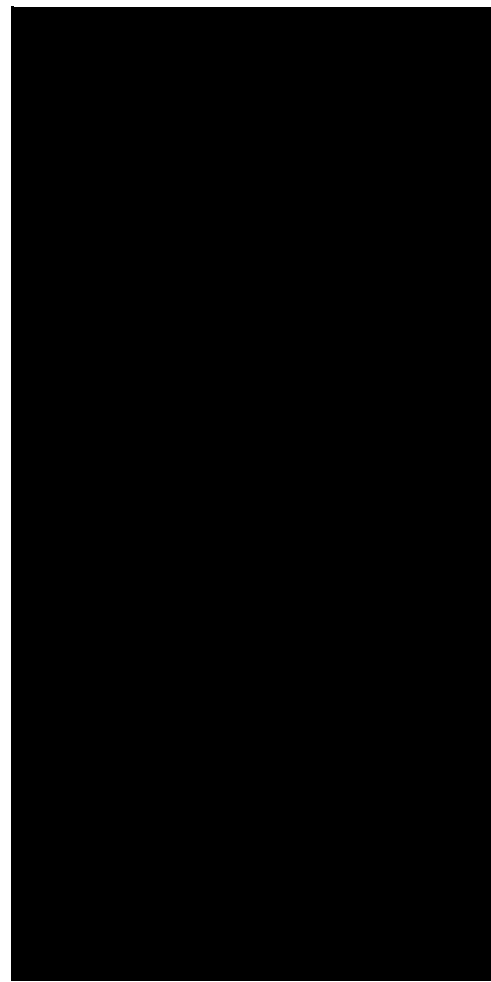
Degree Not available

There is not a graduate degree program in physical science. Other graduate programs may, with the approval of the department. Courses are listed in the departmental catalog.

Descriptions of

offered by the department. Courses are listed in the description of courses section.

NOTE: Courses are arranged alphabetically by course number. Courses with a laboratory component are listed as "class, no laboratory, 3 hours credit". Courses with a laboratory component indicate the term in which the course is offered.



Abbreviations (Course Prefixes)

ACCT	Accounting	HLTH	Health
AGR	Agricultural Sciences	HPER	Health, Physical Education, Recreation
ART	Art	HS	Human Sciences
BIS	Business Information Systems	IECE	Interdisciplinary Early Childhood Ed
BIOL	Biology	IET	Industrial Education
CIS	Computer Information Systems	LSIM	Library Science and Instructional
CMAP	Communications (Advertising/Public Relations)		Media
		MATH	Mathematics
CMEM	Communications (Electronic Media)	MFT	Manufacturing Technology
CMJN	Communications (Journalism)	MKT	Marketing
COMM	Communications (General)	MUSC	Music Conducting
CRIM	Criminology	MUSE	Music Education
ECON	Economics	MUSG	Class Applied Music
EDAH	Adult and Higher Education	MUSH	Music History and Literature
EDEC	Early Childhood Education	MUSM	Music Ensembles
EDEL	Elementary Education	MUSP	Private Applied Music
EDF	Education Foundations	MUST	Music Theory
EDGC	Guidance and Counseling	MUSW	Music Research
EDIL	Instructional Leadership	PHED	Physical Education
EDMG	Middle Grades Education	PHIL	Philosophy
EDSE	Secondary Education	PSY	Psychology
EDSP	Special Education	REC	Recreation
EDUC	Professional Education	SCI	Science Education
ENG	English	SOC	Sociology
FIN	Finance	SPA	Spanish
FNA	Fine Arts	SPCH	Speech
GEO	Geography	SWK	Social Work
GEOS	Geoscience	THEA	Theatre
GOVT	Government and Public Affairs	VOC	Vocational Education
HIS	History		

Accounting

ACCT 600. Survey of Accounting
Preparation of financial reports and interpretation of accounting data. *course does not satisfy the requirements of the 36 hour M*

ACCT 611. Accounting Analysis
Prerequisite: 6 hrs. of accounting
use in the processes of managerial analysis; alternative choice analysis.

ACCT 650. Financial Accounting
and 21 semester hours of undergraduate
An advanced financial accounting course for practitioners. The course specifies process, the location and form of accounting principles (GAAP), and professionals to comply with GAAP.

ACCT 670. Directed Research.
standing with minor equivalent
study of accounting problems. Student must complete an approved research problem.

ACCT 683. Auditing Application
standing
and 21 semester hours of undergraduate
Auditing in a computer environment; testing; detail audit cycles; special

ACCT 687. Tax Accounting Research
Prerequisites: ACCT 387 and ACCT 388
utilize a solutions approach by research. Additionally, this course will explore provides a foundation for tax planning.

ACCT 690. Emerging Issues in Management
Prerequisites: graduate standing in accounting courses, or permission of instructor
of management in support of emerging issues on identification of accounting in various companies pursuing emerging strategies advanced management practices of Management. This is a directed research academic view to meet the needs of

ACCT 698. Selected Workshop Topics
various accounting subjects will be offered in accounting. Credit to be earned with advisor and the department chair.

Agricultural Sciences

AGR 505. Farm Business Analysis
instructor
basic course in the application of whole farms and of specific enterprises provide the data source for labor

AGR 512. Conservation Workshop. (2-2-3) ~~Prerequisite: consent of instructor~~ development of the conservation movement with broad treatment of natural resources, including land, water, air, minerals, forests, and wildlife. May be repeated, but not to exceed a total of six hours.

AGR 515. Animal Nutrition. (2-0-3) ~~Prerequisite: AGR 316~~ metabolism, and physiological functions of nutrients, digestibility, nutritive value, and measures of food energy.

AGR 580. Methods in Teaching Vocational Agriculture. (4-0-4); II of methods applied to teaching vocational agriculture to high school students. Organization, farming programs, and Future Farmers of America activities.

AGR 582. Adult and Young Farmer Education. (3-0-3) I and techniques needed in organizing and program planning in post high school agriculture and conducting young farmer and adult farmer classes.

AGR 584. Teaching Vocational Agriculture. (8-0-8) I and II in centers selected by the state agriculture education staff and members of the staff. Teacher experiences with in-school and out-of-school groups.

AGR 585. Teaching Agricultural Mechanics. (3-0-3) I and II equipment and management of the shop; organization of facilities for high school vocational technical programs.

AGR 586. Planning Programs in Vocational Agriculture. (3-0-3); II and analysis of the program of vocational agriculture. Departmental program of oil paint on the summer programs, advisory committees, and Future Farmers of America activities.

AGR 588. Curriculum Development and Content Selections. (3-0-3); III A study of the techniques involved in curriculum development for vocational agricultural education.

AGR 592. Supervision in Agriculture. (3-0-3) I and II techniques needed in individual group supervision of vocational agricultural projects.

AGR 600. Impact of Technology. (3-0-3) I and II ~~Prerequisite: Consent of the instructor.~~ A study of the impact of technology on individuals, society, and the environment. Topics will include trends and development of technology, technology systems assessment, technological assessment and innovation, and managing future technology. Crosslisted with HS 600 and IET 600.

AGR 603. Quality Assurance in Science and Technology. (3-0-3); I. ~~Prerequisite: consent of instructor - MATH 353 or 354 recommended~~ application of descriptive measures, product sampling, organization of data, control charts, and problem solving, quality and reliability testing, and quality control within technical and industrial applications. Crosslisted with HS 603 and IET 603.

AGR 670. Directed Research. (1 to 6 hrs.) ~~On the basis of prerequisite or equivalent in research methodology~~ must submit a proposal or plan describing the nature of the undertaking for approval in advance of starting the work and submit a final report. A copy of the final work will be kept on file in the department. An independent study on a special problem.

AGR 671. Seminar. (1-0-1); on demand.

AGR 675. Analysis of Research. (2-0-2); on demand.

AGR 676. Directed Study. (1 to 6 hrs.) ~~Prerequisite: Degree in Agriculture.~~ student must submit a proposal or plan describing the nature of the undertaking for approval in advance of starting the work and submit a final report. A copy of the work will be kept on file in the department.

AGR 699. Thesis. (Six hours) Independent research and thesis writing.

Art

ART 504A. Drawing (2-2-3) ~~Prerequisite: the basic~~ Further exploration of figure drawing. Interpretation and expression.

ART 504B. Drawing. (2-2-3) ~~Prerequisite: drawing.~~ Further exploration of individual achievements in styles and surface resolution. Continued calculation.

ART 514. Painting Techniques IV. (2-2-3) ~~Prerequisite: individual achievements in styles and surface resolution. Continued calculation.~~

ART 545. Ceramics IV. (2-2-3) ~~Prerequisite: calculation.~~

ART 555. Advanced Art Problems. (2-2-3) ~~Prerequisite: of the department~~ studio course involving

ART 599. Art Workshop. (2-2-3); (taught by the department staff)

Participation in the activities according to individual needs.

ART 604A. Drawing (2-2-3) ~~Prerequisite: advanced problems in figure drawing.~~

ART 604B. Drawing. (2-2-3) ~~Prerequisite: with advanced problems in figure drawing.~~

ART 605. Figure Painting. (2-2-3) ~~Prerequisite: of oil paint on the~~

ART 606. Portrait Painting. (2-2-3) ~~Prerequisite: A study of the techniques involved in portrait painting.~~

ART 607. Commercial Illustration. (2-2-3) ~~Prerequisite: involving research and illustration.~~

ART 608A. Advanced Graphic Design. (2-2-3) ~~Prerequisite: The advanced problems in graphic design.~~

ART 608B. Advanced Graphic Design. (2-2-3) ~~Prerequisite: using computers, various techniques.~~

ART 609. Airbrush. (2-2-3) ~~Prerequisite: advanced problems in graphic design.~~

ART 610. Computer Art Problems. (2-2-3) ~~Prerequisite: projects using computers, various techniques.~~

ART 611A. Advanced Computer Art. (2-2-3) ~~Prerequisite: students a thorough introduction to the use of computers.~~

ART 611B. Advanced Computer Art. (2-2-3) ~~Prerequisite: as its application in the visual arts.~~

ART 613A. Painting. (2-2-3) ~~Prerequisite: graduate students a more thorough introduction to the use of more complex techniques.~~

ART 613B. Painting. (2-2-3) ~~Prerequisite: graduate students a more thorough introduction to the use of more complex techniques.~~

ART 614. Painting Techniques. (2-2-3) ~~Prerequisite: provide the advanced graduate student with a more thorough introduction to the use of more complex techniques.~~

ART 614. Painting Techniques. (2-2-3) ~~Prerequisite: develop an individual style in painting.~~

- ART 616. Water Color. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 627. Readings in Art Education. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 651A. Graduate Printmaking Studio. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 651B. Graduate Printmaking Studio. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 655A. Advanced Ceramics. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 655B. Advanced Ceramics. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 656. Ceramic Sculpture. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 657. Alternative Glazing Techniques. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 661. Modern Art. (3-0-3); I (alternate years) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 662. Contemporary Art (3-0-3); II (alternate years) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 663. Arts of the United States (3-0-3); I (alternate years) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 664. Spanish, Portuguese, and Latin American Art. (3-0-3); II (alternate years) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 667. Native American Art. (3-0-3); III (alternate years) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 668. Appalachian Arts. (3-0-3); I (alternate years) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 670. Directed Research in Art. Prerequisite: Research Methods or six hours of relevant studio experience. No more than 6 hours may be taken.
- ART 672. Ancient Art. (3-0-3); I (alternate years) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 673. Medieval Art. (3-0-3); I (alternate years) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 674. Renaissance Art. (3-0-3); I (alternate years) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 675. Mannerist and Baroque Art. (3-0-3); I (alternate years) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 676. Directed Graduate Study. Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 680. History and Philosophy of Art Education in the United States. (3-0-3); Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 687. 35mm Photography. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 688A. Photo Studio. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 688B. Photo Studio. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 689. Large Format Photography. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 692. Sculpture: Metal Casting. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 694A. Sculpture. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 694B. Sculpture. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 695. Sculpture Studio. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- ART 699. Thesis. (6 hrs) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- BIOL 505. Invertebrate Zoology. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- BIOL 510. Limnology. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- BIOL 514. Plant Pathology. (1-4) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- BIOL 518. Pathogenic Microbiology. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- BIOL 519. Virology. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department
- BIOL 520. Histology. (2-2-3) Prerequisite: permission of the department I, II, III, and IV. Prerequisite: permission of the department

- BIOL 530. Ichthyology. (1-4-3); Prerequisite: BIOL 210**
 anatomy, physiology, systematics, ecology, zoogeography, natural history, and evolution of fishes. Emphasis on collection, identification, and classification of freshwater and marine fishes of eastern North America and marine fishes of the Atlantic and Gulf coasts. **BIOL 601. Biological Concepts of Biology.** Selected concepts from experimentation and discovery from biology.
- BIOL 531. Herpetology. (1-4-3); Prerequisite: BIOL 210**
 anatomy, physiology, taxonomy, ecology, distribution, natural history, and classification of amphibians and reptiles. Emphasis on collection, identification, and classification of reptiles found in eastern North America. **BIOL 606. Biology of the Vertebrate Classes.** Evolutionary thought; classical evolutionary thought; the origin of major groups.
- BIOL 535. Mammalogy. (Prerequisite: BIOL 210)**
 Mammals of eastern North America with emphasis on mammals of southeastern North America. Taxonomy, ecological adaptations and evolution, natural history, and methods of skin preparation. **BIOL 608. Taxonomy of Vascular Plants.** Collection, preservation, and identification of vascular plants.
- BIOL 540. General Parasitology. (Prerequisite: BIOL 210)**
 helminth, and arthropod parasites of man and domestic animals; emphasis on epidemiology, diagnosis, control, and general life histories of parasites. **BIOL 610. Evolution. (Prerequisite: BIOL 210)** Evolutionary thought; classical evolutionary thought; the origin of major groups.
- BIOL 544. Organ Systems Physiology. (Prerequisites: BIOL 232 and CHEM 112 or equivalent)**
 Scientific focus on three integrating themes: the interrelationships of structure and function of human organ systems, homeostasis, and the complementarity of structure and function. Homeostatic regulatory mechanisms between interactive organ systems will be emphasized, as well as, how the body meets its changing demands during various pathological conditions. **BIOL 615. Systematic Entomology of the Insect Orders.** Insect orders with emphasis on taxonomic keys.
- BIOL 550. Plant Anatomy. (Prerequisite: BIOL 215)**
 studies of internal and external structures of vascular plants. The cell, primary body, xylem and phloem; roots, stems, and leaves; flowers and fruit anatomy. **BIOL 617. Mycology. (2-4-4); Prerequisite: BIOL 215** Taxonomy and reproductive physiology of important fungi will be emphasized.
- BIOL 553. Environmental Education. (Prerequisite: Permission of instructor)**
 Distribution and reserve depletion of wildlife, forest, land, water, air, and natural resources; emphasis on population, pollution, and environment. Field trips to environmentally important areas are required. Not acceptable as credit for Biology (thesis or non-thesis). Especially designed for in-service and pre-service teachers. **BIOL 618. Microbial Physiology.** Microbiology of microorganisms.
- BIOL 555. Plant Morphology. (Prerequisite: BIOL 215)**
 non-vascular plants (except bacteria) and vascular plants; emphasis on ecology, morphology, and evolution. **BIOL 620. Advanced Plant Physiology.** Plant physiology.
- BIOL 574. Experimental Courses. (1-4-3)**
 courses are always innovative, perhaps non-traditional, and often specialized designed to enhance programs in the biological and environmental sciences. Individual courses may be assigned a standard number. **BIOL 625. Advanced Genetics.** Distribution and research projects in genetics.
- BIOL 580. History of Science. (See EC 580)**
- BIOL 590. Biochemistry. (Prerequisites: Chem 327 or equivalent, or permission of instructor)**
 depth survey of the major groups of biomolecules, including carbohydrates, lipids, proteins, nucleic acids, enzymes; biosynthetic pathways; energy metabolism; and regulation of biochemical processes. **BIOL 630. Endocrinology. (2-4-4)** Endocrine glands; development, histological structure, and function of endocrine cells. Emphasis on molecular biology of hormones.
- BIOL 593. Laboratory Techniques in Biochemistry. (0-4-2); I. Prerequisite/Corequisite: BIOL 590**
 laboratory sessions focusing on advanced techniques utilized in the study of biological molecules. Emphasis will be placed on methods in isolation and characterization of biological materials, density ultracentrifugation, spectroscopic methods, electrophoretic techniques, chemical separations, radioisotopic labeling, and statistical analysis of experimental data. **BIOL 632. Reproductive Physiology.** Reproductive physiology and behavior in animals with emphasis on relationships, sexual differentiation, and development.
- BIOL 599. Selected Workshop Topics. (1-4-3)**
 Workshops in various biological and environmental subjects will be presented based on need. Usually hands-on, experimental, and/or innovative, these workshops supplement various programs in the biological and environmental sciences or **BIOL 635. Advanced Ecology. (Prerequisite: BIOL 215)** Ecological relationships, sexual differentiation, and development.
- BIOL 601. Biological Concepts of Biology.** Selected concepts from experimentation and discovery from biology.
- BIOL 606. Biology of the Vertebrate Classes.** Evolutionary thought; classical evolutionary thought; the origin of major groups.
- BIOL 608. Taxonomy of Vascular Plants.** Collection, preservation, and identification of vascular plants.
- BIOL 610. Evolution. (Prerequisite: BIOL 210)** Evolutionary thought; classical evolutionary thought; the origin of major groups.
- BIOL 615. Systematic Entomology of the Insect Orders.** Insect orders with emphasis on taxonomic keys.
- BIOL 617. Mycology. (2-4-4); Prerequisite: BIOL 215** Taxonomy and reproductive physiology of important fungi will be emphasized.
- BIOL 618. Microbial Physiology.** Microbiology of microorganisms.
- BIOL 620. Advanced Plant Physiology.** Plant physiology.
- BIOL 625. Advanced Genetics.** Distribution and research projects in genetics.
- BIOL 630. Endocrinology. (2-4-4)** Endocrine glands; development, histological structure, and function of endocrine cells. Emphasis on molecular biology of hormones.
- BIOL 632. Reproductive Physiology.** Reproductive physiology and behavior in animals with emphasis on relationships, sexual differentiation, and development.
- BIOL 635. Advanced Ecology. (Prerequisite: BIOL 215)** Ecological relationships, sexual differentiation, and development.
- BIOL 636. Wetland Ecology and Management.** Wetland ecology and management.
- BIOL 640. Advanced Parasitology.** Parasitology.
- BIOL 645. Molecular Biology.** Molecular biology.

lectures cover, in molecular terms, the structure and function of DNA. Redesignated DNA technologies will also be stressed.

BIOL 650. Cellular Physiology. *Prerequisites: 12 hours of biology, CHEM 201 or 326 and BIOL 595 recommended.* Industry and biophysics of cell membranes; permeability; cell communication; respiration and energetics of cellular processes; gene regulation; molecular biology.

BIOL 670. Directed Research. *(Prerequisites: Undergraduate major or minor in biological science or equivalent, or permission of department chairman.)* Problem must be approved prior to registration; proposal or plan must be jointly (student and directed research advisor) composed before after registration. Final copies of the completed work must be filed with research advisor and the department chair. Required of all non-thesis option students.

BIOL 671. Graduate Seminar. *(Prerequisite: 1.8 hours of graduate biology.)* Report of individual research by students following completion of BIOL 699 or BIOL 670 (Directed Research) required of all graduate students in biology.

BIOL 676, Directed Study. (1 hr) *Prerequisites: Consent of instructor or department chairman.* Specialized topics in the biological and environmental sciences taken before beginning a thesis or directed research. Examinations and/or presentations before the faculty and students may be required.

BIOL 699, Thesis. (6 hrs) *Prerequisite: Permission of department chairman of the student's graduate committee.* Research and thesis writing. Required of all thesis option students. Student allowed to enroll only once; partial credit not allowed.

Business Information Systems

BIS 621. Instructional Innovation in Business Education. (3-0-3); on demand. Learning theory, current research, methodology, techniques, utilization of and testing and evaluation in skill subjects.

BIS 630. Managerial Communications. (3-0-3) on demand. development of communications skills as a strategic competency for managers in organization. Provides practical applications of managerial communications within the contemporary corporation, government agency, and non-profit organization. the role of the manager as the beacon for effective communication in organizations.

BIS 640. Research Strategies in BIS. (3-0-3) on demand. the student to explore and investigate the current trends and issues related to business information systems, become more educated consumers of research related information technology literature, and to design scholarly methods of inquiry.

BIS 676. Directed Study. (1-3 hrs) *Prerequisite: PEGS 640 or equivalent.* Research in business education.

BIS 698. Advanced Supervised Field Experience. (1-6 hrs.); on demand. Designed to give the student actual work experiences in business and industry; credit hours dependent upon number of hours worked during the semester.

BIS 699. Thesis. (6 hrs.); on demand. research and thesis writing.

Computer Information Systems

CIS 615. Managing Information Technology. (3-0-3); I or II foundations, structures, and developments of information systems; decision and knowledge-based systems; management of information systems resources.

CIS 616. Educational Computing, (3-0-3) on demand. of competencies in the use of microcomputers for instruction, management, information processing, computer assisted instruction, and practical high-level programming through programming assignments. Hardware and operating systems are covered.

Designed primarily for students with CIS 625. Web Information Systems

CIS 625. Web Information Systems. *Prerequisite: graduate student instructor.* Concepts fundamental to understanding a wide range of business processes and issues. Topics include infrastructure with database access; Intranet development information appliances; devices including an encrypted public key server implementation.

CIS 632. Computer Productivity. *Prerequisite: permission of instructor.* Computer usage for organizational development in database management and World Wide Web design and local area networking development.

CIS 634. Management of Telecommunications. *Prerequisite: consent of instructor.* Concepts fundamental to achievement. Topics will include intranets, computer telephony integration and application of the systems. Technology including twisted pair technology including bridges, routing wireless. Students will create a technologies for corporate intranets.

CIS 635. Seminar in Information Systems. *Prerequisite: consent of instructor.* business entity, systems function - whether at a company incorporates a lecture series approach management of IS issues/trends in will be investigated.

CIS 636. Global Information Systems. *Prerequisite: consent of instructor.* international context. The center information technology and communication technologies are increasingly functional organization. This integration multidimensional dimensions of the organization's diversity. Includes international standards, collaboration mechanisms infrastructure across international

CIS 638. Database Systems Design. *Prerequisites: CIS 615.* management of data needs of an organization database applications. Coverage of Examination of dominant database models and techniques of logical database support systems storage of data in a computer system.

CIS 650. Innovation, Technology. *Prerequisite: Graduate student instructor.* course examines the literature on order to understand the variables

performance. The primary focus is on strategic planning and leadership for implementation of organizational change. It examines key elements of technology innovation that can transform and energize businesses and public entities. This course includes commerce, knowledge management, and business operations. This course includes both the practical and academic view to meet the needs of business students.

CIS 670. Directed Research. (1 to 3 credit hours) **Prerequisite:** Graduate standing with minor equivalent in computer information systems. Opportunity and challenge for directed study of Computer Information System problems. Students must present a written statement prior to registration of approved research problem.

CIS 699. Selected Workshop Topics. (1 to 4 credit hours) **Workshops on demand.** Various computer information subjects will be presented periodically to supplement basic course offerings in computer information systems. Credit toward degree must be approved by the student's advisor.

Communications (Advertising/Public Relations)

CMAP 505. Law and Ethics. (3-0-3) Application of law as it affects print and broadcast media and advertising. Crosslisted with CMJN 505.

CMAP 510. Advanced Public Speaking. (3-0-3) Preparation to traditional preparation and delivery of the study, complex speeches. Crosslisted with SPCH 510.

CMAP 539. Cooperative Education. (1 to 3 credit hours) **Prerequisite:** Senior standing. The area of concentration in communication offers cooperative study, allowing students to alternate semesters of on-campus studies with periods of work experience. Prior application necessary. Permission of instructor.

CMAP 567. Organizational Communication. (3-0-3) Study of the functions of communication within organizations and professional environment. May be assessed a fee for materials distributed in class. Crosslisted with SPCH 507.

CMAP 571. Interviewing. (3-0-3) Study of the various business interview types, coupled with role-playing experiences. Crosslisted with SPCH 571.

CMAP 583. Advertising Copy Writing. (3-0-3) **Prerequisite:** CMAP 366, CMAP 383, and CMAP 483 or permission of the instructor. Writing advertising headlines and copy for mass media.

CMAP 584. Psychology of Advertising. (3-0-3) **Prerequisite:** CMAP 366, CMAP 383, and CMAP 483 or permission of the instructor. Strategy used in art, words, and graphics as persuasive advertising devices.

CMAP 591. Technical Writing. (3-0-3) Analysis, process, and definition; program, recommendation, and research reports; proposals and visual aids; transitions, mechanics of clear and precise statement. Crosslisted with ENG 591.

CMAP 597. Technical Editing. (3-0-3) Practice and management of editing for technical, scientific, professional, and corporate reports and writings. Crosslisted with ENG 597.

CMAP 603. Seminar. (3-0-3) **Prerequisite:** graduate standing and approval of instructor. Problems of contemporary advertising/public relations including directed research project and forum discussion. (May be repeated 0-3); on demand.

CMAP 610. Computer Art Problems. (2-2-3) Will give the graduate students a thorough introduction to the basic workings of the Macintosh computer, as its application in the visual art on the graduate level. Crosslisted with CMAP 611.

CMAP 611. Advanced Computer Art. (2-2-3) **Prerequisite:** ART 610 course. Will give the graduate student a more advanced opportunity to work with and develop the ideas through the use of more complicated image and image manipulation software.

Crosslisted with ART 611.

CMAP 655. Advertising. (3-0-3) Analysis of advertising strategies, appeals, creating images developed by each student; stress on skill and ability demonstrated in the classrooms and the 35mm Photography. (3-3-0) **Prerequisite:** permission of department chair. Techniques exploring various subjects and styles and printing of various management subjects will be discussed with management. Credit toward advisor and the department chair.

CMAP 665. Organizational Behavior. Interpersonal behavior to understand the emphasis is on skill and ability demonstrated in the classrooms and the 35mm Photography. (3-3-0) **Prerequisite:** permission of department chair. Techniques exploring various subjects and styles and printing of various management subjects will be discussed with management. Credit toward advisor and the department chair.

Communications (Electronic Media)

CMEM 539. Cooperative Education. (1 to 3 credit hours) **Prerequisite:** Senior standing. The area of concentration in communication offers cooperative study, allowing students to alternate semesters of on-campus studies with periods of work experience. Prior application necessary. Permission of instructor.

CMEM 550. Problems in Contemporary Broadcasting. (3-0-3) **Prerequisite:** senior standing. Study of public broadcasting in America.

CMEM 558. Public Broadcasting. (3-0-3) **Prerequisite:** senior standing. Study of public broadcasting in America.

CMEM 560. History of Broadcasting. (3-0-3) **Prerequisite:** senior standing. Historical study of radio and television in America.

CMEM 562. Broadcast Criticism. (3-0-3) **Prerequisite:** senior standing. Critical analysis of broadcasting in social and cultural contexts.

CMEM 580. New Technology Policy. (3-0-3) **Prerequisite:** senior standing. Study of the impact of new technologies on policy and carriers, the source of policy and affected by communications media.

CMEM 582. American Popular Culture. (3-0-3) **Prerequisite:** senior standing. Study of the impact of new technologies on policy and carriers, the source of policy and affected by communications media.

CMEM 603. Seminar. (3-0-3) **Prerequisite:** graduate standing and approval of instructor. Problems of contemporary advertising/public relations including directed research project and forum discussion. (May be repeated 0-3); on demand.

CMEM 611. Advanced Computer Art. (2-2-3) **Prerequisite:** ART 610 course. Will give the graduate student a more advanced opportunity to work with and develop the ideas through the use of more complicated image and image manipulation software.

Communications (Journalism)

CMJN 504. School Publications. *Prerequisites: senior standing*
Advancement

of students in the production of school newspapers, yearbooks, and magazines; complete review of journalism principles.

CMJN 505. Law and Ethics (3-0-3) *Prerequisites: I, senior standing*
broadcast media and advertising. Crosslisted with CMAP 505.

CMJN 539. Cooperative Education. (1 to 3 hrs.) *Prerequisites: I, senior standing*
The area of concentration in communication offers cooperative study allowing students to alternate semesters of on-campus studies with periods of experience. Prior application necessary. Permission of instructor.

CMJN 560. Reviews and Criticism. *Prerequisites: senior standing*
Evaluating and writing critical reviews of drama, literature, art, music, and restaurants and media.

CMJN 565. Public Opinion and News Media. *Prerequisites: I, senior standing*
Cultural, social and psychological nature of public opinion and its influence on mass media.

CMJN 603. Seminar. (3-0-3) *Prerequisites: graduate standing and approval of instructor*
Exploring problems of contemporary journalism, including directed project and forum discussion. May be repeated.

Communications (General)

COMM 539. Cooperative Education. *Prior Applications and approval required.*
See the general section of the catalog for a more complete description of this cooperative study course.

COMM 600. Qualitative Research Methods in Communications. (3-0-3); I
of qualitative research methods in areas of communications.

COMM 605. Communication Theory.I. (3-0-3) of theories related to communication and the influence of communication on human behavior.

COMM 610. Bibliographic Research and Writing. (3-0-3) of working research bibliographies through examination of professional journals, studies, textbooks, book reviews, theses, and dissertations in the field of communication.

COMM 615. Quantitative Research Methods in Communications. (3-0-3); I
examination of quantitative research in communication and participation in research using content analysis, survey, laboratory, or field research methods.

COMM 620. Seminar in Communication. (3-0-3) *Prerequisites: I, II*
problems in communication with special research projects in advertising/public electronic media, journalism, speech and theater.

COMM 647. Internship. (1 to 3 hrs.) *Prerequisites: I, II*
experience aimed at increasing the student proficiency in the specified position or she is assigned. Prior application is necessary.

COMM 670. Directed Research. (1 to 3 hrs.) *Prerequisites: I, II*
of an independent research project under faculty direction. Tailored to fit the individual needs of the graduate student. Prior arrangement necessary; a proposal must be submitted for approval of the supervising faculty.

COMM 676. Directed Study. (1 to 3 hrs.) *Prerequisites: I, II*
original research on a special problem not included as a regular part of the graduate curriculum. Prior arrangement necessary; a proposal must be submitted for approval of the supervising faculty.

COMM 699. Thesis. (6 hrs.); I, II, III

Criminology

CRIM 516. Working with Offenders (3-0-3); I, II
Leads to a better understanding of the social structure of the

counseling process with offenders

CRIM 561. Sociology of the Law
understanding of the manner in which marginalize others who are often part of the formation of criminal American society.

CRIM 600. Advanced Topics in Criminology
each time the course is offered

CRIM 601. Criminology Theory. (3-0-3)
CRIM 602. The Realities of Prison

the realities of prison life. Employment of incarcerated individuals. Special

CRIM 625. Deviance. (3-0-3); I
CRIM 670. Directed Research (1 to 3 hrs.)

instructor and departmental chair for a research project on a topic

CRIM 676. Directed Study. (1 to 3 hrs.)
instructor and departmental chair individual work on some particular

Economics

ECON 600. Survey of Economics, advanced
both the theory of the firm and management requirements of the 36 hour MBA program

ECON 645. Public Policies Toward
ECON 202 or equivalent problem of functioning of imperfectly competitive

their economic effects; regulation and their policies.

ECON 661. Managerial Economics or **MATH 354 and MATH 162** *Prerequisites: I, II*
equivalent

management decisions; demand analysis in research using

ECON 662. Business Cycles and
study of aggregate supply and demand in output, the rate of inflation,

forecasting methods using leading indicators, methodologies, and economic models.

ECON 670. Directed Research, (1 to 3 hrs.) *Prerequisites: I, II*
with minor equivalent in Economics

study of economic problems. Student registration of an approved research

ECON 690. Economic Education for
economic concepts and their applications

ECON 699. Selected Workshop Topics
various economic subjects will be offered in economics. Credit to be earned by the student and the department chair.

advisor and the department chair.

Education (Adult and Higher)

EDAH 599. Selected Topics. (3-0-3) *Prerequisites: graduate classification*

May be repeated in additional semesters.

under this course number.

EDAH 640. Principles of Adult and Higher Education. (3-0-3); I
adult and higher education: historical development; organizations; and major issues in adult
continuing and higher education.

EDAH 641. Academic and Administrative Problems in Higher Education. (3-0-3); on demand
3); on demand
selection, assignment, guidance, evaluation, payment, promotion, and
retirement of academic personnel, organization and development of curricular
instructional resources.

EDAH 642. Student Personnel in Higher Education. (3-0-3); on demand
Principles of organization and administration of personnel programs and services in
education.

EDAH 643. Seminar in Higher Education. (3-0-3) by ID
higher education.

EDAH 650. Developmental Education for Adult Students. (3-0-3); on demand
Sociological, psychological, and economic problems of adult students requiring
development and remediation studies. Investigation of traditional and innovative
approaches utilized in working with these students.

EDAH 651. Human Development in Adulthood. (3-0-3) by ID
physiological changes in adulthood; designed to provide opportunities to
of human development to problems of working with adults.

EDAH 653. Program/Curriculum Development and Evaluation. (3-0-3); IIa
Prerequisite: EDAH 640 or permission of instructor.
development with special emphasis on designing and improving programs through
evaluation process.

EDAH 670. Directed Research (1 to 3 hours). *Prerequisite: IEDF 600 and one
course from the major.*
Supervised research investigation of a professional problem. Student must submit
proposal describing the nature and procedure of research prior to starting.
Format for proposal will be supplied by the instructor upon request. Copy of final report
on the project required for department's permanent file of completed projects.

EDAH 676. Directed Study. (1 to 3 hours). *Prerequisite: IEDF 600 and one course
from the major.*
Directed study of a professional problem. Student must submit proposal
describing nature of study prior to starting. Format for plan will be supplied by the
instructor upon request. Copy of final report on the study required for department's
permanent file of completed projects.

EDAH 678. Internship. (1 to 3 hours). *Prerequisite: Admission to candidacy*
Supervised experience in activities appropriate to areas of specialization.

EDAH 688. Seminar in Adult Education. (3-0-3) by ID
graduate students, visiting lecturers, and members of graduate faculty on
issues confronting adult educators.

EDAH 699. Thesis. (6 hrs); I, II, III.

EDAH 699A. Applied Project. (6 hrs). *Prerequisite: Admission to
Specialist in Education Program and consent of student's committee chairperson.*

Education (Early Childhood)

EDEC 527. The Pre-School Child. (3-0-3) by ID
(Alternate summers with 528.)

Principles of growth and development from prenatal period to age six. Focuses attention on
learning experiences for nursery and kindergarten children. (Laboratory experience an
integral part of this course.)

EDEC 528. Activities and Materials in Early Childhood Education. (3-0-3) by ID
III. (Alternate summers with 527.)
Addresses needs and interests of early childhood education and provides opportunities to explore objectives, materials, and techniques of instruction for

this age group. (Laboratory experience)

EDEC 529. Practicum in Early

Prerequisites: EDEC 527 and 528.
classroom for observation
weekly. (Applications made through
classificatio

EDEC 599. Workshop. (1 to 3 hours)
Workshop for specific

May be repeated in additional sub
under this course number.

EDEC 637. Early Childhood Educa

theory and philosophy of early ch
employed for and with children age
expected to familiarize themse
discuss emerging early childhood

EDEC 670. Directed Research.
completion of 15 graduate hours;
Supervised research investigation

IIa proposal describing the nature a
for the proposal will be supplied
required for department's permanen

**EDEC 676. Directed Study. (1
graduate hours and advisor.**

Supervise student submit a proposal des
Format for the propos
Copy of final report
study required for d

EDEC 699. Thesis. (6 hrs.); I

Education (Elementary)

EDEL 516. Educational Computing
equipment and computer
administration. Designed primarily
instruction and batch-process comp

EDEL 599. Workshop. (1 to 3 hours)
problems of
of six semester hours may be earn

EDEL 622. Social Studies in To

Investigation of current materials
Social Studies.

EDEL 623. Advanced Language A

III Emphasis on theories of langua
approaches to teaching elementary

development and implementation, as
in working with students

EDEL 625. Foundations of Langua

view of langua
sequence and process of that devel

theories in the disciplines of education, linguistics, psychology, and special education. **EDEL 626. Investigations in Reading Instruction. (3-0-3); I, II, III. Prerequisite: EDEM 330 or the equivalent.** Study of current literature and research in the study of reading and writing curriculum for local and significant historical curriculum development for schools in the United States.

EDEL 627. Reading in the Elementary School. Prerequisite: I, II, III.

EDEM 330 or the equivalent. Extensive study of recent trends in materials and methods in reading in the elementary school.

EDEL 628. Materials and Methods in Reading Instruction. (3-0-3); I, II, III. Prerequisite: EDEM 330, EDUC 576, or equivalent. Study of innovative materials produced for use in the teaching of reading. Techniques for effectively implementing these materials in the classroom are investigated.

EDEL 630. Curriculum Construction. (3-0-3); I, II, III. Principles of curriculum development in local school system.

EDEL 632. Elementary School Curriculum. (3-0-3); I, II, III. Goals of elementary education; relation of each area of learning to the total program, research studies, and promising classroom experiences.

EDEL 640. Contemporary Instructional Practices in Grades P-9. (3-0-3); I, II, III. This course will explore a variety of models of teaching and the relationship between instruction and the learner, including active learning, critical thinking, questioning strategies and grouping structures. A focus will be on learner characteristics of multiple intelligences, gender diversity, and learning styles.

EDEL 662. Remedial Reading. Prerequisite: EDEM 330, EDEE 331 or EDMG 332 or equivalent courses. Goals, methods of diagnosing and treating reading difficulties. (Laboratory experiences are an integral part of this course.)

EDEL 670. Directed Research. (1 to 3 hours). Prerequisite: EDF 600, one course from the major, completion of 15 graduate hours, and advisor approval. Supervised research investigating a professional problem. Student must submit proposal describing nature and procedure of research prior to starting. Format for proposal will be supplied by instructor upon request. Copy of final report on project is required for department's permanent file of completed projects.

EDEL 671. Seminar-Problems of the Teacher. (1-0-1); I, II, III. Prerequisite: PSY 154 or 155. Research problems and thesis; review of current educational research; significant problems in education especially related to role of the teacher. Oral reports and group presentations. (Same as EDE 671.)

EDEL 676. Directed Study. (1 to 3 hours). Prerequisite: EDF 600, one course from the major, completion of 15 graduate hours, and advisor approval. Study of a professional problem. Student must submit a plan describing the nature of the problem to starting. Format for the plan will be supplied by the instructor upon request. A copy of the final report on the study required for department's permanent file of completed projects.

EDEL 677. Reading in the Content Areas. Prerequisite: I, II, III and an approved course in reading. Basic reading ability and study skills needed by elementary and high school students in all types of reading materials. Emphasis on special skills needed for study in science, social studies, mathematics, and literature.

EDEL 680. History and Philosophy of Education. (3-0-3); I, II, III. American system of education; survey of theories of education, factors and forces changing American education philosophies of learning applied to contemporary educational problems.

EDEL 681. Advanced Seminar in Contemporary Educational Thought. (3-0-3); I, II, III. Prerequisite: EDE 680. Discussion and individual research on problems in the historical, philosophical, and social foundations of education. Includes oral presentations; group discussion. Students may repeat the course for credit once.

EDEL 682. Advanced Curriculum. Prerequisite: EDEL 630, EDEL 632 or EDMG 636. Study of current literature and research in the study of reading and writing curriculum for local and significant historical curriculum development for schools in the United States.

EDEL 685. Collaboration for Professional Development. (1-0-1). Various types of collaborative involvement between teachers and administrators, educators and the community.

EDEL 686. Seminar for Experienced Teachers. (1-0-1). This course is designed as an advanced experience. Through group study, students will explore current educational issues in the community and the profession.

EDEL 699. Thesis. (6 hrs.); I, II, III. This course is designed as an advanced experience. Through group study, students will explore current educational issues in the community and the profession. This course is a part of the total program, and is enrolled in the Ed.S/Rank I degree program.

EDEL 699A. Applied Project. (6 hrs.); I, II, III. This course is designed as an advanced experience. Through group study, students will explore current educational issues in the community and the profession. This course is a part of the total program, and is enrolled in the Ed.S/Rank I degree program.

EDF 600. Research Methods in Education (Foundations). (3-0-3); I, II, III. Delineation, organization, recognized methods of research problems, and style standards of educational curriculum framework.

EDF 610. Advanced Human Growth and Development. (3-0-3); I, II, III. Prerequisite: PSY 154 or 155. Principles of development of the human individual. (Same as PSY 610.)

EDF 611. Adolescent Development. (3-0-3); I, II, III. Cognitive, physical, social, moral development of the adolescent. Emphasis on the role of the teacher in learning and teaching strategies.

EDGC 566. Introduction to Vocational Rehabilitation. (3-0-3); I, II, III. History of vocational rehabilitation and the rehabilitation process, roles of rehabilitation personnel.

EDGC 567. Rehabilitation of Special Needs. (3-0-3); I, II, III. Prerequisite: EDF 600 or permission of instructor. Forces changing the need of rehabilitation services, including delinquents, drug addicts, aged, and culturally disadvantaged.

EDGC 599. Workshop. (1 to 3 hours). Prerequisite: Graduate Classification. This course is designed as an advanced experience. Through group study, students will explore current educational issues in the community and the profession. This course is a part of the total program, and is enrolled in the Ed.S/Rank I degree program.

May be repeated in additional subject areas. Maximum of six semester hours may be earned under this course number.

EDGC 619. Career Counseling. (3-0-3); I, II, III. Career development and career decision theories. Planning and integrating career information and school programming and classroom vocational counseling in schools, and other
Section A-For elementary school counselors
Section B-For secondary school counselors
Section C-For community agency counselors

EDGC 620. Psycho-Social and Multi-Cultural Factors in Counseling. (3-0-3); I, III. Study of recently recognized non-classroom factors impacting student's school and performance, and appropriate counseling strategies designed to assist and include child abuse, divorce, co-dependency, grief/loss, and blended families.

EDGC 656. Introduction to Counseling. (3-0-3); I, II, III. Principles, and development of guidance movement; place of specialist; teacher; present status of guidance meeting needs of individual school; and scope of guidance.

EDGC 657. Psycho-Social Aspects of Disability. (3-0-3); EDGC 566 or permission of instructor. Psycho-social problems accompanying disability and common methods of coping with disability; status and self-concept of persons and attitudes toward disabled persons.

EDGC 661. Measurement Principles and Techniques. (3-0-3); I, II, III. Identification of educational objectives associated with test construction; specifications; elementary statistics, testing and nontesting procedures. Investigation of major types of tests; administration, scoring, and interpretation of test results.

EDGC 662. Individual Inventory Techniques. (3-0-3); Permission of instructor. Special training in choice and utilization of achievement and psychometric and inventories not requiring clinical training; sociometrics, and observational interview techniques.

EDGC 665. Philosophy and Practice of School Counseling. (3-0-3); II, III. Organizational goals and procedures in designing a comprehensive program with services, appraisal, and counseling; relationships of counselor with school and with community members and organizations; referral procedures; legal implications for counselors.

EDGC 666. Theories of Counseling. (3-0-3); EDGC 656. Philosophies, principles, and procedures in counseling; participation in laboratory research.

EDGC 667. Group Counseling. (3-0-3); EDGC 656. Theories and principles of individual reaction under stress in group situations and application in group counseling and guidance programs. Groups include school, family, and community.

EDGC 669. A, B, C. Practicum in Guidance and Counseling. (6 hrs.); EDGC 665. Prerequisite: EDGC 656, EDGC 666, EDGC 667, EDGC 619*, EDGC 620* and EDGC 665. * May be taken the same semester as practicum. Weekly class instruction in techniques of counseling and supervised field counseling individuals and groups. Must fill out application for practicum prior to enrolling and submit to the advisor.

- Section A-For elementary school counselors
- Section B-For secondary school counselors
- Section C-For community agency counselors

EDGC 670. Directed Research. (1 to 3 hrs.); EDIL 600 and one course from the major. Student must submit a proposal describing the nature and procedure of the research investigation of a professional project.

may be starting. Format for the Copy of final report on project projects.

EDGC 674. Seminar in Guidance and Counseling. (1-0-0). Study and problems having special significance.

EDGC 676. Directed Study. (1-0-0). Study of a course from the major plan describing the nature of the project and the permanent file of course.

EDGC 678. Internship. (1-0-0). The area of specialization.

EDGC 679. A, B, C. Advanced Practicum. (6 hrs.). Prerequisite: admission to the program and approved practicum application.

Section A-For elementary school counselors
Section B-For secondary school counselors
Section C-For community agency counselors

EDGC 680. Family Counseling. (3-0-3). The dynamics of the family system; the boy, the adolescent, and treatment.

EDGC 682. Counseling Issues in the Rank I program or permission of instructor. (3-0-3). Beliefs and knowledge about human problems, and the changing sexual roles of professional school and agency counselors.

EDGC 683. Advanced Counseling Techniques. (3-0-3). Comprehensive investigation of advanced counseling techniques.

EDGC 684. Research in Counseling. (3-0-3). Laboratory experience or opportunity for the development of affective, behavioral and multimodal research.

EDGC 699. Thesis. (6 hrs.); EDGC 699A. Applied Project. (6 hrs.). Specialist in Education Program

EDIL 601. Introduction to School Administration. (3-0-3). Modern administrative techniques on understanding school structure, work climate supportively be given to the organization and school, and secondary school.

EDIL 610. School Leadership Practicum. (3-0-3). Opportunity to understand changes in society and in the school administrators at school sites.

EDIL 618. School Finance and Administration. (3-0-3). Concepts of school finance and school administration.

and local issues; school support services including transportation, facility maintenance, food service, and risk management.

EDIL 619. Technology and Best Practices for School Improvement. (3-0-3); I, II, III. A study of best practices for school improvement documented by research and application of the use of modern technological tools in instructional and administrative processes- evaluation of hardware and software for both instructional uses and administrative tools, review of computer programs, and basic competency in word processing, spreadsheet, database, and presentation software. Use of internet for instructional and administrative purposes.

EDIL 621. Research for Instructional Leadership (3-0-3); I, II, III. school leadership and administrative responsibilities, with emphases on schools as complex organizations and facilitating leadership to create a supportive of excellence in teaching and learning.

EDIL 625A. Practicum in School Administration/Early Elementary. (1 hr.); I, II. **Prerequisite: admission to certification program to extend middle grade school principal to early elementary principal.** The field experience is related to the instructional leader for the school with emphasis given to the specific level early elementary principal through a 50 clock hours at that level. The field experience will be with a cooperating administrator who has successfully completed a minimum of three (3) years as principal at the elementary school level and is approved by the faculty of the educational administration programs.

EDIL 625B. Practicum in School Administration/Middle School. (1 hr.); I, II. **Prerequisite: admission to certification program to extend early elementary or secondary principal to middle grade school principal.** The field experience is related to the instructional leader for the school with emphasis given to the specific level middle school principal through a 50 clock hours at that level. The field experience will be with a cooperating administrator who has successfully completed a minimum of three (3) years at the middle school level and is approved by the faculty of the educational administration programs.

EDIL 625C. Practicum in School Administration/Secondary School Principal. (1 hr.); I, II. **Prerequisite: admission to certification program to extend middle grade school principal to secondary school principal.** is related to the instructional leader for the school course with emphasis given to the specific level/middle school principal through a minimum of 50 clock hours at that level. The field experience will be with a cooperating school administrator who has successfully completed a minimum of three (3) years as a principal at the school level and is approved by the faculty of the educational administration programs.

EDIL 628. School Law & Ethics.. (3-0-3) of state and federal laws impacting the administration of school pupils and personnel. An investigation of ethical issues as related to practical problems of school administration.

EDIL 631A. Practicum in District Administration/ Supervisor. (1 hr.); I, II. **Prerequisite: admission to certification supervisor of instruction and completion of 18 program hours.** The field experience is related to the instructional leader for the district course with emphasis given to the supervisor of instruction through a minimum of 50 clock hours at that level. The field experiences will be with a cooperating school administrator who has successfully completed a minimum of three (3) years at a supervisor's level and is approved by the faculty of the educational administration programs.

EDIL 631B. Practicum in District Administration/Superintendent. (1 hr.); I, II. **Prerequisite: admission to certification school superintendent and completion of six program hours.** The field experience is a clinical field experience. The field

experiences are related to the instructional leader for the specific level/supervisor course at that level. The field experiences will be with a cooperating school administrator who has successfully completed a minimum of three (3) years as a principal at the level approved by the faculty of the educational administration programs.

EDIL 634. Leadership for Human Resources (3-0-3); I, II, III. A study of human resources management with emphasis on the central office and school level. The field experiences will be with a cooperating school administrator who has successfully completed a minimum of three (3) years as a principal at the level approved by the faculty of the educational administration programs.

EDIL 637. Leadership for School Improvement (3-0-3); I, II, III. A study of integrated instructional leadership requirements needed to develop, evaluating, and retaining programs that provide and support school improvement.

EDIL 641. The School Superintendent. (3-0-3); I, II, III. A study of the basic functions, duties, responsibilities, and challenges of today's practicing school superintendent, conflicts, challenges, and responsibilities of the school superintendent, fiscal affairs, legal accountability, and instructional leadership.

EDIL 643. School Housing. (3-0-3); I, II, III. A study of school financing, design construction, maintenance, and operation of school buildings as a principal at the school level and is approved by the faculty of the educational administration programs.

EDIL 645. Seminar for Effective School Administration. (3-0-3); I, II, III. **Corequisite: EDIL 621.** A study of school administration. Deals with the investigation for effective administration of the program. Field research projects are given.

EDIL 646. Advanced Seminar for School Administration. (3-0-3); I, II, III. **Prerequisite: EDIL 621.** A study of the issues and responsibilities of the community relations program at the school level.

EDIL 650. Leadership for School Improvement. (3-0-3); I, II, III. A study of the field of school leadership, facilitating and create a learning environment of techniques used for developing school improvement.

EDIL 669. Leadership for School Improvement. (3-0-3); I, II, III. A study of the principles and methods of systematic solution for the improvement of school administration.

EDIL 685. Research Problems of the Instructional Leader. (1-3 hrs.); I, II, III.

Prerequisite: EDF 600 or experience in extensive and comprehensive investigation of problems in educational administration, involving collection and analysis of original data.

EDIL 698. Seminar for Administrator of Pupil Personnel Services. (3-0-3)
Prerequisite: admission to program for administrator of pupil personnel services. Analysis of various methods of pupil personnel accounting and records management systems, including computer applications. Responsibilities of school and non-school personnel and agencies, influence of socio-economic factors and school attendance

EDIL 699A. Applied Project. (6 hrs.); I, II, III.

Education (Middle Grades)

EDMG 636. Middle School Curriculum. (3-0-3) This course will identify the historical development of curriculum in the middle grades and the relationship of curriculum to student development. Current curricular issues, organizational research related to middle grades will be reviewed.

Education (Secondary)

EDSE 516. Educational Data Processing. (3-0-3) Pertaining to unit-record equipment and computers. Applications in education, research, and administration. Designed primarily for students without previous data processing instruction and batch-process computing using PRIME 550/750 computing systems.

EDSE 599. Selected Topics. (1 to 3 hrs.) **Prerequisite: Upper Division or graduate classification.** Instruction for specifically designated task orientation in education. May be repeated in additional Maximum of six semester hours may be earned under this course number.

EDSE 633. Effective Classroom Instruction. (3-0-3) I, II, and III. Development of student's knowledge of and ability to implement research-based recommended instructional behaviors; foundation of research findings utilized to create facilitating conditions and to select appropriate teaching strategies.

EDSE 634. Secondary School Curriculum. (3-0-3) I, II, and III. Acquaint teacher, supervisor, and administrator with nature, development, and organization of secondary school curriculum.

EDSE 670. Directed Research. (1 to 3 hrs.) **Prerequisite: EDF 600, permission of instructor, of completion of 15 semester hours, and advisor approval.** Supervised research investigation of a professional problem. Student must submit proposal describing the nature and procedure of the research prior to starting. Copy of final study required for department's permanent file of completed research projects.

EDSE 671. Seminar-Problems of the Teacher. (3-0-3) I, II, and III. Research problems and thesis; review current educational research; significant research in education especially related to role of teacher. Oral reports and group discussion.

EDSE 676. Directed Study. (1 to 3 hrs.) **Prerequisite: completion of 15 graduate hours and advisor approval.** Investigation of a professional problem. Student must submit a proposal describing the nature and procedure of the study prior to starting. Format for the proposal will be supplied by the instructor upon request. Copy of final study required for department's permanent file of completed projects.

EDSE 683. The American Secondary School. (3-0-3) I, II, and III. History and development of American secondary school, identifying historical and philosophical influences on development; related current practices to their historical bases; examines present-day trends and innovations.

EDSE 699. Thesis. (6 hrs.); I, II, III.

Education (Special)

EDSP 537. Educational Assessment. (3-0-3) Assessment methodology relating to students which lessen their performance.

EDSP 551. Curriculum for Pre-School Children Having Handicapping Conditions. (3-0-3) **Prerequisite: EDSP 230 and 360.** Curriculum for pre-school children having handicapping conditions, including activities, prosthetic devices, and communication.

EDSP 552. Learning Disabilities. (3-0-3) Identification, medical, and educational literature on children with a specific learning disorder.

EDSP 553. Language Arts for Exceptional Children. (3-0-3) **Prerequisite: EDSP 230, 350, 360, and 537 or consent of instructor.** Language arts, including reading, writing, and oral communication.

EDSP 555. Prescriptive Teaching Problems. (2-2-3) **Prerequisite: EDSP 553 or 557, or consent of instructor.** Instructional objectives, instructional materials, and behavior management techniques, measurement, and terminal evaluation techniques.

EDSP 557. Content Areas and Career Development. (2-2-3) **Prerequisite: EDSP 230, 350, 360, and 537.** Instructional objectives, instructional materials, and behavior management techniques, measurement, and terminal evaluation techniques.

EDSP 558. Learning Disabilities. (3-0-3) Identification, medical, and educational literature on children with a specific learning disorder.

EDSP 559. Introduction to Educational Research. (3-0-3) **Prerequisite: EDSP 552.** Application of materials and instructional aids for teaching students with learning disabilities.

EDSP 599. Introduction to Educational Research. (3-0-3) **Prerequisite: EDSP 552.** Study of applications of statistical methods to educational data. Includes areas of descriptive and inferential statistics.

EDSP 599. Workshop. (I to 3 hrs.) **Prerequisite: EDSP 552.** Task orientation in special education. Maximum of six semester hours may be earned under this course number.

EDSP 601. Survey of Exceptional Children. (3-0-3) **Prerequisite: EDSP 552.** Theory and psychopathology, developmental characteristics and needs of exceptional children.

EDSP 602. Speech and Language Problems. (3-0-3) **Prerequisite: EDSP 552.** Speech and language problems and their identification. Presents methods for remediation.

EDSP 603. Assessment Methodology. (3-0-3) **Prerequisite: EDSP 537.** Assessment and assessment methods for special education. Presents methods for assessment and assessment methods for special education.

EDSP 604. Resource Concept for Exceptional Children. (3-0-3) **Prerequisite: EDSP 230 or 360.** Identification of exceptional children and their needs. Presents methods for remediation.

EDSP 605. Programs for Young Exceptional Children. (3-0-3) **Prerequisite: EDSP 552.** Identification of exceptional children and their needs. Presents methods for remediation.

EDSP 606. Communication Disorders. (3-0-3) **Prerequisite: EDSP 552.** Identification of exceptional children and their needs. Presents methods for remediation.

or 602 Procedures and methods for working with speech and language handicapped children in a public or private school setting.

EDSP 607. **Employability of the Handicapped.** Prerequisite: II, III. EDSP 230 or 607. Career exploration and preparation programming for secondary students who have special learning needs.

EDSP 621. **Operation of Special Education Programs.** (3-0-3); I. addresses federal and state regulations, case laws, fiscal management and record keeping.

EDSP 622. **Instructional Leadership in Special Education.** (3-0-3); II. course addresses the following areas in instructional leadership: program planning, curriculum development, instruction and management.

EDSP 623. **Special Education Program Coordination.** (3-0-3). addresses the following areas: communication with regular educators, staff supervision, professional development, community/public relations and working with parents.

EDSP 624. **Practicum (6-0-6)** Supervised practicum experience.

EDSP 641. **Conceptions and Identification of Gifted Children and Youth.** (3-0-3); I, III. This course is designed to examine the meaning of giftedness, and methods of identifying school-age individuals who are gifted. Students will investigate giftedness and origins of the concept. The course also will examine issues of and intelligence, high-IQ, and legal and ethical questions related to the gifted individuals.

EDSP 642. **Meeting the Individual Needs of Gifted Children and Youth.** (3-0-3); II, III. Prerequisite: EDSP 641. Course is designed to provide students with an understanding of the relationship between gifted and talented students' abilities of academics, leadership, creativity, the visual and performing arts, and individualized program planning. The course also will address issues such as motivational needs of the population, under represented groups such as females and ethnic minorities, family counseling, underachievement, and the development of model programs and evaluation.

EDSP 643. **Teaching the Elementary Gifted and Talented Child.** (3-0-3) III Prerequisite: EDSP 641. is designed to prepare the classroom teacher in developing strategies and materials appropriate for the gifted and talented elementary and middle grades (K-9). Students will become familiar with a variety of program approaches, with technology emphasized, as well as materials, and instructional strategies for the gifted and talented through field experiences and investigating current literature.

EDSP 644. **The Gifted Adolescent and Young Adult.** (3-0-3); III in even years. Prerequisite: EDSP 641. Course addresses the following topics: the gifted adolescent and adulthood, teaching for career education, teaching for talent models of instruction for the older gifted student.

EDSP 645. **Practicum in Gifted Education.** Prerequisite: I, EDSP 641, EDSP 642, and EDSP 643 or EDSP 644. in an approved setting for gifted education on the basis of one week placement for each credit hour unit.

EDSP 655. **Teaching the Exceptional Child.** (Three hours for each sub, of the course); I, II. Prerequisite: consent of instructor. Mentally Handicapped. B-Trainable Mentally Handicapped. C-Gifted. D-Emotionally Handicapped. E-Learning Disabilities. Evaluation and practice in use of materials, methods and curricula sequences for special class children. Emphasis on adapting learning related to language, art, social skills, quantitative operations, health, and safety to meet the demands of children with special learning disorders or talents.

EDSP 668. **Organization of Special Classes.** Prerequisite: I, consent of instructor. Correlation between special class teacher and students within matrices of school community. Techniques of parental counseling and introduction of students to work and social aspects of larger community.

EDSP 670. **Directed Research.** (1 to 3 credit hours) Prerequisite: I, EDSP 600 or equivalent, completion of 15 graduate hours, advisor approval, and permission of instructor.

independent research study of a problem describing methodology and purpose of course. Copy of final study required for projects.

EDSP 675. **Practicum in Special Education.** (3-0-3); I. practice in working with specific institutional settings using a holistic approach to prescriptive teaching. (Application of experiences.)

EDSP 676. **Directed Study.** (1-3-0) completion of 15 graduate hours, advisor approval, and permission of instructor. Study of a professional problem or issue. Prerequisite: permission of instructor.

EDSP 699. **Methods of Instruction in Gifted Education.** (3-0-3) Prerequisite: permission of instructor. effective educational program for the implementation of Individualized Instruction and approaches to systems of instruction.

EDSP 699. **Thesis.** (6 hrs.); I, II. Prerequisite: permission of instructor. Thesis in Gifted Education (Professional)

EDUC 550. **Supervised Practice in Gifted Education.** Can only be taken for graduate credit. Prerequisite: EDF 207 or permission of the Dean of the College. supervised by qualified personnel while functioning with an advisory committee and in co-curricular seminars, workshops, conferences and sessions.

EDUC 551. **Supervised Practice in Gifted Education.** Prerequisite: Can only be taken for graduate credit. Prerequisite: EDF 207 or permission of the Dean of the College. supervised by qualified personnel while functioning with an advisory committee and in co-curricular seminars, workshops, conferences and sessions.

EDUC 576. **Reading in the Second Grade.** Prerequisite: EDSP 641. Emphasis on reading materials included for instruction in the laboratory. (Laboratory experiences are an integral part of the course.)

EDUC 582. **Discipline and Classroom Management.** Prerequisite: EDSP 641. Emphasis on reading materials included for instruction in the laboratory. (Laboratory experiences are an integral part of the course.)

EDUC 629. **Reading Programs: Theory and Practice.** Prerequisite: EDSP 641. Overview of reading instruction in

materials used for the teaching of reading and become familiar with organizational plans. Students are expected to use these materials in public school reading programs. Part of the course will deal with the development of reading programs.

EDUC 635. Teaching Critical Thinking and Decision Making. (3-0-3); Prerequisite: EDUC 600. The teaching and learning of critical thinking and decision making skills for the teacher and administrator. Emphasis upon activities to promote defining problems; accessing, organizing and drawing conclusions from information; and using rational and objective decisions; and making planning for and taking action.

EDUC 677. Applied Research for Classroom Teachers. (3-0-3); Prerequisite: EDUC 600. Individual research problems and writing for publication; review of current educational research; investigation of qualitative and quantitative classroom research methods; formal writing and presentations; classroom discussion; field-based activities.

EDUC 678. Applied Research for Classroom Teachers. (3-0-3); Prerequisite: EDUC 677. Individual research problems and writing for publication; implementation of classroom-based research project proposed in EDUC 677; formal writing and classroom discussion.

EDUC 681. Individualized Learning Systems. (3-0-3); Prerequisite: EDUC 677. Design and production of individualized learning systems; how they are designed, produced, and utilized. Students shall design and produce examples of learning activity packets and program instructional materials. Technological applications for individualizing learning programs and portable computers will also be covered.

EDUC 682. The At Risk Student. (3-0-3); Prerequisite: EDUC 677. Study of at risk students and factors that predict school failure. Course includes a study of educational programs effective in preventing school failure.

EDUC 684. Producing Audiovisual Materials. (3-0-3); Prerequisite: EDUC 677. Production of various types of audiovisual materials with emphasis upon still photography, motion picture photography, audio production, and classroom television production.

EDUC 688. Educational Gaming and Simulation. (3-0-3); Prerequisite: EDUC 677. Design, production, utilization, and evaluation of educational games and simulations. Students shall produce an educational game and educational simulation of a design which will be evaluated and revised by tryout with selected target audience.

EDUC 690. Supervision of Student Teachers and Field Experiences. (3-0-3); Prerequisite: EDUC 677. Planned orientation for any teacher who might work with a field experience student at the undergraduate level or who might supervise a student teacher.

EDUC 693. Teaching the Arts in Education. (3-0-3); Prerequisite: EDUC 677. Instruction in creative writing, dance, drama, music, and visual arts for P-12 audiences. Audience participation, classroom connections, techniques of integration, and of the arts taught according to the Kentucky Core Content for the Arts and Humanities.

English

ENG 500. Studies in English for Teachers. (3-0-3); Prerequisite: ENG 101, III. Rationale, and content of English in the American junior and senior high schools.

ENG 501. General Semantics. (3-0-3); Prerequisite: ENG 101, III. The problems of meaning as related to referential, distributional, and rational ways of encountering experience.

ENG 505. Linguistics: Grammar. (3-0-3); Prerequisite: ENG 101, III. Study of grammar from current theoretical perspectives.

ENG 509. Theories of Teaching Writing. (3-0-3); Prerequisite: ENG 101, III. Permission of instructor. An in-depth study of composition theory and research with heavy emphasis on the analysis and critique of important sources in the field of composition.

Students are expected to assist a full-time college graduate assistants.

ENG 528. Literary Criticism. (3-0-3); Prerequisite: ENG 101, III. Introduction to the twentieth century literary criticism.

ENG 533g. The English Novel. (3-0-3); Prerequisite: ENG 101, III. Study of the English novel from the eighteenth century to the present.

ENG 534. Chaucer. (3-0-3); Prerequisite: ENG 101, III. Study of Chaucer's works and the Canterbury Tales.

ENG 539. Milton. (3-0-3); Prerequisite: ENG 101, III. Study of Milton's works and the time of James I to the Revolution.

ENG 545. Seventeenth Century Literature. (3-0-3); Prerequisite: ENG 101, III. Study of seventeenth century literature from the time of James I to the Revolution.

ENG 552. Early Dramatic Literature. (3-0-3); Prerequisite: ENG 101, III. Study of Greek drama to the mid-nineteenth century.

ENG 553. Modern Drama. (3-0-3); Prerequisite: ENG 101, III. Study of modern drama from the late nineteenth century to the present.

ENG 561. Studies in American Literature. (3-0-3); Prerequisite: ENG 101, III. Study of American literature and genres of an American literary tradition.

ENG 563. American Fiction. (3-0-3); Prerequisite: ENG 101, III. Study of American fiction from Charles Brockden Brown to Faulkner.

ENG 570. Introduction to Film. (3-0-3); Prerequisite: ENG 101, III. Introduction to film as literature with extensive study of classic films.

ENG 576. Directed Studies. (1-0-0); Prerequisite: ENG 101, III. Directed studies in the department chair. This course is an undergraduate and the graduate English program.

ENG 583. Advanced Poetry Writing. (3-0-3); Prerequisite: ENG 101, III. Advanced instruction in poetry writing and analysis.

ENG 584. Advanced Fiction Writing. (3-0-3); Prerequisite: ENG 101, III. Advanced instruction in fiction writing and analysis.

ENG 591. Technical Writing. (3-0-3); Prerequisite: ENG 101, III. Instruction in technical writing and research.

ENG 599. Special Courses. (1-0-0); Prerequisite: ENG 101, III. Usually specialized offerings for students in the English department.

ENG 603. Bibliography. (3-0-3); Prerequisite: ENG 101, III. Study of bibliography and English literature.

ENG 608. Morehead Writing Project. (3-0-3); Prerequisite: ENG 101, III. Instruction in writing and research.

ENG 609. Interview/Selection Process. (3-0-3); Prerequisite: ENG 101, III. Instruction in the interview/selection process and research.

for practicing educators and administrators that focuses on their development as writers and writing teachers. Includes a year-long follow-up obligation to be co-enrolled in ENG 609.

ENG 609. Morehead Writing Project Summer Institute. (3-0-3); III. to be distributed according to the *Prerequisites: Unconditional acceptance to the graduate program; completion of formal application/interview/selection process and permission of instructor.* for practicing educators and administrators that focuses on their development as writers and writing teachers. Includes a year-long follow-up obligation to be co-enrolled in ENG 608.

ENG 619. American Renaissance. (3-0-3). study of the transcendental movement and its influence upon American literature as seen primarily in Emerson, Thoreau, Hawthorne, and Melville.

ENG 620. Major American Poets. (3-0-3) study of Whitman, Dickinson, Frost, Stevens, Eliot, and others.

ENG 622. Major Modern American Novelists. (3-0-3). study of such major modern novelists as Dreiser, Fitzgerald, Faulkner, Hemingway, Wolfe, Steinbeck.

ENG 624. American Writers in Perspective. (3-0-3) development, growth of a genre, and regional qualities.

ENG 633. Old English Literature. (3-0-3) culture, epic and lyric poetry, and prose will be studied in translation. Selected passages from Old English will be read in the original language.

ENG 635. Topics in Shakespeare. (3-0-3): An undergraduate course in Shakespeare or consent of the instructor. study of various aspects of Shakespeare's plays.

ENG 645. Selected British Writers 1500-1660. (3-0-3). major writers of the English Renaissance, with an emphasis on Spenser, Shakespeare (excluding drama), Donne, and Jonson.

ENG 647. Selected British Writers-1660-1780. (3-0-3) of major British writers from 1660-1780.

ENG 648. Selected British Writers-1780-1832. (3-0-3) Wordsworth, Coleridge, Shelley, Keats, Byron, and others.

ENG 650. Selected British Writers-1832-1900. (3-0-3) Tennyson, Arnold, Browning, Newman, Huxley, Ruskin, and others.

ENG 652. Modern British Literature. (3-0-3) Eliot, Auden, Yeats, Joyce, Conrad, Woolf, Lawrence, Forster, and others.

ENG 666. Contemporary Literature. (3-0-3) instructor will choose from a variety of titles and forms (fiction, drama, poetry, essay, criticism) of contemporary literature in English or in English translation. Emphasis is on thorough reading.

ENG 676. Directed Study. (3-0-3): departmental approval. study in any area in English under the direction of the graduate English Requirements: a written proposal approved in advance of starting the work, and of the final report for the departmental files.

ENG 680. English Syntax. (3-0-3) syntactical studies primarily in the English language, and specifically in the use of American English structures.

ENG 685. Psycholinguistics. (3-0-3) theoretical and practical applications of psychological aspects of language.

ENG 667. Sociolinguistics. (3-0-3) institutional language patterning

ENG 699. Thesis. (6 hrs) requires

Finance

FIN 602. Survey of Financial and training in management decisions. U theory, and statistical inference interest rates, financial markets the course affects managerial de

FIN 620. Financial Markets. (3 or consent of the instructor) supply of funds, effect on price r markets.

FIN 622. Financial Services Ma marketing of financial services fi managing the service encounter, se financial services.

FIN 625. Advanced Bank Managem managerial perspective. Includes management, liability management,

FIN 628. Asset and Liability M at how banks and other financial : financing of operations.

FIN 660. Financial Management. course considers an analysis of th acquisition, and control of funds management of current assets and f forecasting and statement analysis

FIN 670. Directed Research. (1 standing with minor equivalent) directed study of finance problems to registration of an approved res

FIN 672. Investment Management theoretical developments. Deals w criteria for evaluation and measur regulation. Evaluation of current

FIN 674. Chartered Financial An course prepares students for the I the following topics: Ethical and

FIN 675. Chartered Financial An course prepares students for the I the following topics: Ethical and Valuation, Debt Securities Valuati

Fine Arts

FNA 588. Opera. (0-2A) Introduction to the techniques of musical theatre with emphasis placed on the integration of music and action-dramatic study of operatic roles.

FNA 660. Comparative Arts. (3-0-3A) on demand; music, literature, and the visual arts in relation to their social, religious, and historical backgrounds.

French

FRN 550. Reading French I (3-0-3) **Prerequisite:** permission of instructor. Intensive practice in reading of the French language, with rapid and correct translation as the aim.

FRN 576. Directed Studies. (1 to 3 hrs) **Prerequisites:** consent of the instructor and the department chair. This course is a directed study in French for the advanced undergraduate and the graduate student. Each request for the course will be considered on its own merits in relation to the special needs of the student. May be taken three times for credit.

FRN 599. Special Courses. (1 to 3 hrs) **Prerequisites:** variable. These courses are usually specialized offerings in French for the advanced undergraduate and the graduate student. The purpose of these courses is to enhance the student's existing command of French. May be taken three times for credit.

Geography

GEO 502. Geographic Factors and Concepts. (3-0-3) on demand. A general survey of the field of geography in its various branches. Designed for beginning teachers and other students lacking an adequate background for advanced work in geography.

GEO 505. Conservation of Natural Resources (3-0-3) **Prerequisite:** GEO 502. III. basic to human welfare, emphasis on lands, water, minerals, forests, and wildlife, including their interrelationships. Field trips are required.

GEO 510. Urban Geography. (3-0-3) on demand. Development of cities, urban ecology, central place theory, functional classifications, and a consideration of site, situation, and land utilization of selected cities.

GEO 550. Geography for Teachers. (3-0-3) on demand. Basic concepts, materials and techniques for the teaching of geography.

GEO 599. Selected Workshop Topics in Geography (Credits.); on demand. **Toward degree program must be approved by student's advisor.**

GEO 600. Political Geography. (3-0-3) on demand. Study of the inter-relationships of geography and international politics; basic factors in evaluating international relations; application of these understandings to world political patterns.

GEO 601. Special Problems. (3-0-3) **Prerequisite:** permission of the instructor. Supervised comprehensive investigation of selected problems in the field of geography. (May be repeated to a maximum of six hours.)

GEO 676. Directed Study. (1 to 3 hrs) on demand. Independent study of a special problem or topic in geography. The proposed topic must be submitted in writing and be approved by the department chair and a faculty member who will supervise the study.

Geoscience

GEOS 599. Selected Topics. (1 to 6 hours); on demand.

Government and Public Affairs

GOVT 576. Directed Study in Government. (1-3 hrs) **Prerequisite:** on demand.

consent of instructor and senior readings in a particular subject area.

GOVT 600. Seminar: State and Local Government. **Prerequisites:** GOVT 141 and 242

state and local government problems of metropolitan areas, state compacts and regional planning.

GOVT 676. Directed Study. (1 to 3 hrs) **Instructor:** original graduate research

Classes arranged for studying a particular topic.

GOVT 680. Government for Teachers. school teachers as a "refresher" course for local governments. Citizenship education part of the course.

History

HIS 576. American History: Directed Study. **Prerequisite:** permission of department chair

HIS 577. European History: Directed Study. **Prerequisite:** permission of department chair

HIS 578. Non-Western History: Directed Study. **Prerequisite:** permission of department chair

HIS 599. Selected Workshop Topics in History. Pursuit of degree programs must be approved by the instructor.

HIS 610. American Biography. (3-0-3) **Prerequisite:** permission of instructor. Life, including rendered by men and women who have made significant contributions to the history and development of the United States.

HIS 676. Directed Study. (1 to 3 hrs) **Instructor:** original graduate research

Classes arranged for studying a particular topic. Program to be approved by the instructor.

HIS 680. History for Teachers. Interpretations of history and methodology.

Health

HLTH 508. General School Safety. Practices in establishing and maintaining a safe school environment.

HLTH 518. Use and Abuse of Drugs. **Prerequisite:** permission of instructor. Study of the psychoactive drugs with emphasis on their effects on the individual and society.

HLTH 576. Special Problems in Health. **Prerequisite:** permission of instructor. Graduate classification study of a special problem or topic in the field of health. (May be repeated to a maximum of six hours.)

HLTH 599. Workshop. (1 to 3 hrs) **Prerequisite:** permission of instructor. Task orientation in health. May be repeated to a maximum of six hours.

HLTH 603. Administration of Schools. **Prerequisite:** permission of instructor. Intensive study of the principles, administration, management, and coordination of school systems.

HLTH 613. Administration of Public Health. **Prerequisite:** permission of instructor. Intensive study of the principles, administration, service, and coordination of public health systems.

HLTH 614. Principles of Epidemiology. **Prerequisite:** HLTH 612. Study of the principles, administration, and coordination of public health systems.

for the purpose of its control and prevention.

HLTH 615. Education in Drug Abuse Prevention/Intervention. (3-0-3); **Prerequisite:** Recommended credit in HLTH 518. (Designed for teachers, counselors, school nurses, administrators, and other school personnel.) Curriculum information on research-based curricula, identifying signs of drug abuse, youth assessment in drug and alcohol education, teaching life skills, intervention, treatment, and support services.

HLTH 650. Graduate Seminar. (3-0-3); I, II, IIIA (alternate scheduling) highly-concentrated study of current issues in health: individual research presentations, visiting lecturers.

HLTH 670. Directed Research. (1 to 3 hours) **Prerequisite:** EDE 600 and permission of instructor. Supervised research investigation of a professional problem. Proposal must be approved prior to enrollment. (Copy of study required for department's permanent file of completed research projects.)

HLTH 699. Thesis. (6 hours) **Prerequisite:** I or approval of thesis topic. Research and writing of an approved thesis. Maximum of six semester hours allowed.

Health, Physical Education, and Recreation

HPER 600. Research Methods in Health, Physical Education and Recreation (3-0-3); Skills and knowledge in the selection, delineation, and statement of a research problem, techniques of bibliography building, methods or organization, recognized methods of investigation, application of statistical methods to research problems, and research writing in the Health, Physical Education, Recreation, Exercise Science and Sports Administration fields.

HPER 601. Interpretation of Data (3-0-3); I, II, III. (alternate scheduling) **Prerequisite:** EDE 600. Introduction to the statistical application to research in health, physical education, and recreation: data organization, selection of samples, techniques of analysis.

HPER 602. Wellness Promotion. (3-0-3); I, II, IIIA. (alternate scheduling) philosophical consideration of all dimensions of wellness promotion: physical, psychological, social, spiritual, cultural, environmental.

HPER 610. Readings and Graduate Seminar. (3-0-3) This is designed to develop a broad philosophical framework for health/physical education and recreation professionals through the examination of a variety of professional materials of relevance to such a framework. The course requires reading, discussing and interacting in relation to issues of contemporary and future concerns by conceptualizing health/physical education and recreation processes in the realization of individual, societal, and professional goals.

Human Sciences

HS 531. Nutrition Education. (3-0-3); **Prerequisite:** none. The application of basic principles of education applied to the teaching of nutrition. Lectures and demonstrations.

HS 536. Advanced Nutrition. (3-0-3) **Prerequisite:** HS 329 or consent of instructor. In-depth study of the nutrients in relation to normal nutrition; review of classical and current literature; practical application of findings.

HS 538. Experimental Foods. (1-4) **Prerequisite:** HS 130 or consent of instructor. Experimental methods applied to food research through individual and class investigation; review and evaluation of published research.

HS 541. Tailoring (Prerequisite: none)

fitting problems and the resulting construction of a tailored garment using techniques. Construction of a suit.

HS 542. Social-Psychological Aspects of Tailoring (Prerequisite: none)

psychological, economic factors in the selection of fabrics.

HS 545. Clothing Design in Dressmaking (Prerequisite: HS 241)

form will be constructed in the classroom.

HS 555. The child and the Family (Prerequisite: none)

occupational, and adult classes, emphasizing family life and family interaction.

HS 557. Interior Decoration (Prerequisite: none)

with emphasis on projects for occupational, and adult classes, covering home economics.

HS 573. Curriculum Development (Prerequisite: HS 470)

development of sequential programs; review of home economics resources; development of competency standards.

HS 590. Creative Foods (Prerequisite: none)

on development of foods from different sources. Arranged laboratories.

HS 592. Foods for Special Occasions (Prerequisite: none)

of instructor and/or one food product on planning, preparing, and serving.

HS 600. Impact of Technology (Prerequisite: none)

A study of the impact of technology on the food service industry.

HS 603. Quality Assurance in Service (Prerequisite: MATH 353)

descriptive measures, product sampling, problem solving, quality and reliability.

HS 642. Textiles and Clothing (Prerequisite: none)

human sciences. Current problems, trends, and professional practice in textiles. Discussion, demonstration, and projects.

HS 670. Directed Research. (1-4) **Prerequisite:** none. The student submits a proposal or plan describing the project to be undertaken.

HS 672. Family and Consumer Science (Prerequisite: degree in human sciences)

legislation for secondary schools; recent developments in vocational programs in Kentucky; study of available teaching guides; pertinent developments in home economics chosen for emphasis.

HS 674. Supervision of Family and Consumer Sciences. (3-0-3); on demand
Prerequisite: degree in human sciences
 supervision of home economics in high school and adult programs.

HS 675. Current Problems in Family and Consumer Sciences Education. (3-0-3); on demand
Prerequisite: degree in human sciences or consent of instructor.
 change as it relates to home economics education. Relevant topics chosen for research and class discussion.

HS 676. Directed Study. (1 to 3 credits)
Prerequisite: Degree in human sciences
 The student must submit a proposal or plan describing the nature of undertaking for approval in advance of starting the work and submit a final copy of the final work will be kept on file in the department. Original a technical or professional nature supported by adequate library reference

HS 699. Thesis. (6 hrs)
Prerequisite: IET 680
 research and thesis writing.

Industrial Education

IET 520. Industrial Arts for the Elementary Teacher. (3-0-3); on demand
Prerequisite: formal admission to the teacher education program
 develop professional and technical competencies of preservice and in-service elementary school teachers.

IET 560. Foundations of Industrial Education. (3-0-3); on demand.
upper division standing in industrial education
 underlying the development of industrial education; leaders, their influence and contributions; contemporary theories affecting the current programs of industrial education.

IET 571. Seminar for Industrial Education. (1-0-1)
 a further understanding of the underlying concepts of industrial career participation in one or more programs followed by informal discussion.

IET 588. Machine Shop III, (1-4)
Prerequisite: MFT 286
 tool and machining theory, with emphasis on production machining and progressive design for numerical control applications.

IET 590. Supervised Internship (industry or administration). (1 to 6 hrs)
 provide work experience in an occupational area. Advanced credit commensurate with time worked, type of work, variety of work experience, and research paper. choose to do the internship in educational administration, in which case he or she would be assigned to work in a secondary, or higher education instruction or for the Department of Vocational Education in an administrative capacity. In each case, conditions will be agreed upon by employer, student, and graduate advisor registration. Students are responsible for setting up the work site that advisor.

IET 600. Impact of Technology. (3-0-3)
Prerequisite: Consent of the instructor.
 A study of the impact of technology on individuals, society, and the environment. topics will include trends and development of technology, technology system assessment, technological assessment and innovation, and managing future Crosslisted with AGR 600 and HS 600.

IET 603. Quality Assurance in Science and Technology. (3-0-3); I. consent of instructor - MATH 353 or 354 recommended
 descriptive measures, product sampling, organization of data, control charts

problem solving, quality and reliability applications. Crosslisted with AGR 600 and HS 600.

IET 619. Total Quality Control. (3-0-3)
Prerequisite: consent of instructor
 principles and techniques and their application.

IET 670. Directed Research. (3-0-3)
Prerequisite: consent of instructor
 One basic course or equivalent must submit a proposal or plan describing the nature of starting the work and submit a final copy of the final work will be kept on file in the department. Original a technical or professional nature supported by adequate library reference

IET 676. Directed Study. (1 to 3 credits)
Prerequisite: Degree in human sciences
 submit a proposal or plan describing the nature of undertaking for approval in advance of starting the work and submit a final copy of the final work will be kept on file in the department. Original a technical or professional nature supported by adequate library reference

IET 680. Networking Technology. (3-0-3)
Prerequisite: consent of instructor
 advance study of interface standards, network configuration, and robots to design and manufacture

IET 688. Computer Integrated Manufacturing. (3-0-3)
Prerequisite: MFT 488 or consent of instructor
 of principles involved in computer on planning operations, sequence, and robots to design and manufacture

IET 699. Thesis. (6 hrs)
Prerequisite: IET 680
 research and thesis writing.

Interdisciplinary Early Childhood Education

IECE 615. Parents of Young Children. (3-0-3)
 which parents and professionals can help each other.

IECE 657. Interdisciplinary Early Childhood Assessment. (3-0-3)
Prerequisite: consent of instructor
 students who are seeking a teaching license in Early Childhood Education will complete

Library Science and Instruction. (3-0-3)
Prerequisite: consent of instructor
 investigation of reading interests and library's role in the selection of reading materials.

LSM 521. Literature and Mathematics. (3-0-3)
Prerequisite: consent of instructor
 investigation of reading interests and library's role in the selection of reading materials.

LSM 522. Literature and Mathematics. (3-0-3)
Prerequisite: consent of instructor
 investigation of reading interests and library's role in the selection of reading materials.

Mathematics

MATH 504. Topology. (3-0-3); consent of instructor
 compactness and correctness; mapping Topological properties of Euclidean spaces and series of functions.

MATH 510. Real Variables. (3-0-3)
 Topological properties of Euclidean spaces and series of functions.

MATH 511. Functional Analysis (3-0-3) Prerequisite: MATH 301 and 510 or consent of instructor. Spaces; normed and branched spaces; Hilbert spaces; applications to sequence spaces, and Fourier series.

MATH 553. Concepts in the Design of Experiments (3-0-3); MATH 353, 354, or 365. Single factor experiments; Factorial Experiments; Qualitative and Quantitative Factors; Fixed, Random and Mixed Models; Nested Experiments.

MATH 555. Nonparametric Statistics (3-0-3) Prerequisite: MATH 353
A course in basic nonparametric methods with applications.

MATH 573. Projective Geometry. (3-0-3) Prerequisite: MATH 370 or consent of instructor. Synthetic treatment of projective geometry leading into homogeneous coordinates; analytic projective geometry; conics; axiomatic projective geometry, some descendants of real projective geometry.

MATH 575. Selected Topics. (1 to 6 hrs.) Prerequisite: consent of instructor. Topics are offered which meet the needs of the students and which are otherwise included in the general curriculum.

MATH 585. Vector Analysis. (3-0-3) Prerequisite: MATH 276 or consent of instructor. Functions of a single variable; scalar and vector fields; line integrals, surfaces, and applications.

MATH 586. Complex Variables. (3-0-3) Prerequisite: MATH 276 or consent of instructor. Algebra of complex variables; analytic functions, integrals, series; residues and poles; conformal mappings.

MATH 595. Topics in the Mathematics Curriculum. (1 to 6 hrs.); III. Prerequisite: consent of instructor.

MATH 605. Advanced Topics. (3-0-3) Prerequisite: consent of instructor. Advanced study in some area of mathematics.

MATH 610. Real Analysis, (3-0-3) Prerequisite: MATH 510
Abstract measure spaces; Lebesgue integration; differentiation theory; classical spaces.

MATH 631. Problem Solving and the Teaching of Mathematics in the Elementary School. (3-0-3) Prerequisite: consent of the instructor. A course designed for the elementary school teacher in curricular materials and problem solving.

MATH 650. Higher Algebra I, (3-0-3) Prerequisite: MATH 350 or consent of instructor. Rings.

MATH 651. Higher Algebra II. (3-0-3); on demand. Prerequisite: MATH 650 or consent of instructor. Spaces and modules, fields, linear transformations.

MATH 670. Directed Research. (1 to 3 hrs.) Prerequisite: consent of instructor. Individual research in mathematics. The problem to be investigated must be approved prior to registration.

MATH 675. Selected Topics. (1 to 6 hrs.) Prerequisite: consent of instructor. Topics are offered which meet the needs of students and which are otherwise included in the general curriculum.

Marketing

MKT 650. Marketing Administration (3-0-3); Prerequisite: MNGT 301, MKT 304
A systematic and comprehensive approach to marketing decision making with marketing strategies-the problems involved in a given decision, how they may be solved and how solutions impinge on their strategies.

MKT 652. Marketing Research and Analysis. (3-0-3) Prerequisite: demand. MKT

304 and MATH 354 examination of special emphasis on the techniques of The completion of an actual research

MKT 655. Advertising. (3-0-3) Prerequisite: consent of instructor. Advertising as an indirect selling images, and developing coordinated each student; stress on ideas and

MKT 670. Directed Research. (1 to 3 hrs.) Prerequisite: consent of instructor. standing with minor equivalent at opportunity and challenge for directed research

MKT 675. Selected Topics. (1 to 6 hrs.) Prerequisite: consent of instructor. A course in basic nonparametric methods with applications.

Management

MNGT 600. Survey of Management (3-0-3) Prerequisite: consent of instructor. Comprehensive analysis of the function of management with emphasis on the changing global environment, taking generalizations, and ramifications of a diverse workforce and the function of management.

MNGT 602. Survey of Quantitative Management (3-0-3) Prerequisite: consent of instructor. Using statistics and finance in management, probability theory, and financial statement analysis, interest, investments, and how financial management is affected.

MNGT 606. Operations Analysis. (3-0-3) Prerequisite: consent of instructor. Production, plant design and layout, and the management of production.

MNGT 610. Legal Issues in Business (3-0-3) Prerequisite: consent of instructor. A review of the legal environment of impact business transactions.

MNGT 612. Organizational Theory (3-0-3) Prerequisite: consent of instructor. An analysis of the development of management thought, and influence to management thought, and influence to management thought.

MNGT 620. Quantitative Business Methods (3-0-3) Prerequisite: consent of instructor. Designed to give business students methods and models used in solving business problems. Student will have an exposure to the use of statistics as a basis for better communication.

MNGT 650. Innovation, Technology, and Management (3-0-3) Prerequisite: consent of instructor. This course examines the organizational change in order to development, growth, and performance leadership for effective implementation of technology and innovation that may involve these elements include operations. This course stresses business students.

MNGT 655. Social Responsibility (3-0-3) Prerequisite: consent of instructor. This course examines the social responsibility of business organizations in order to development, growth, and performance leadership for effective implementation of technology and innovation that may involve these elements include operations. This course stresses business students.

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consent of instructor with controversial areas such as the military industrial complex, and challenge for diverse urban problems, minorities, and air pollution. Discussions will also cover presentation of current events, job satisfaction, business and less advantaged persons, and arguments for and against the health care industry. **MNGT 680. Health Care Organization** To be achieved within the health care industry, function, and management issues of the health care industry.

MNGT 656. Small Business Institute Field Project. (3-0-3); on demand. MNGT 682. Trends in the Health Care Industry. (3-0-3); on demand. **Prerequisite: senior undergraduate standing and permission of instructor** significant trends in the health care industry. **Prerequisite: senior undergraduate standing and permission of instructor** course will focus on such topics as market research, quality management, and the impact of technology on the health care industry.

MNGT 661. Human Resource Topics. (3-0-3); on demand. The purpose of this course is to enable students to learn about HR issues by performing in-depth analyses. Students are required to perform library and Internet research to develop a paper. In addition, students will be prepared to discuss their findings and policy recommendations on health care industry.

MNGT 662. Human Resource Development. (3-0-3); on demand. development and training of human resources in the dynamic business organization. **Prerequisite: concurrent enrollment in ACC 661 or ECON 661** Provides practical application of the training and development functions of corporations, governments agencies, and non-profit organizations. **Prerequisite: concurrent enrollment in ACC 661 or ECON 661** Under scores the learning of a job-related knowledge, skills, and behaviors.

MNGT 663. Compensation and Benefits. (3-0-3); on demand. organizational compensation systems (employee pay, benefits) and human resource systems of these in written and oral form. **MNGT 698. Selected Workshop Topics in Financial Management. (3-0-3); on demand.** Provides practical applications in contemporary businesses, government agencies, and profit organizations. **Prerequisite: concurrent enrollment in ACC 661 or ECON 661** Under scores the role of the manager as the leader in financial management. Credit to be given for this course.

MNGT 664. Employee Relations. (3-0-3); on demand. labor-management relations in its broadest sense. The heritage and major incidents of the aspects of the labor-management environment are explored; and labor law and the courts are considered. Strong emphasis is placed on labor-management negotiations and on grievance procedures. **Manufacturing Technology**

MNGT 665. Organizational Behavior. (3-0-3); on demand. study of interpersonal behavior to understand, evaluate, and appraise business and social situations. **MFT 588. Machine Shop. (1-4-0); on demand.** The emphasis is on skill and ability to work with people, groups, and institutions by demonstrations in the classrooms and use of theory and techniques. **Prerequisite: concurrent enrollment in ACC 661 or ECON 661** instructor advanced tool and machining and progressive tooling for computer applications.

MNGT 667. Women and Men in Management. (3-0-3); on demand. in Management deals with gender issues in the formal and informal environment of the workplace. Gender differences, sexual harassment, discrimination, and policies are discussed. The impact of one's personal life on one's work life is discussed to include: dual income families, marital roles, children, domestic violence, and the role of women. **Music (Conducting)**

MNGT 668. Organizational Strategies for Ecommerce. (3-0-3); on demand. **Prerequisite: graduate standing in the MBA program or permission of instructor** course examines the literature on strategies that organizations can use in order to understand the variables that impact organizations as they enter the world of ecommerce throughout the entire organization. It examines key elements of organizations that have the potential to transform and change the manner in which business and public entities conduct their operations. These elements include operations with the organization, business-to consumer (B2C) and business-to-business (B2B) activities. This course stresses both the practical and academic view to meet the needs of business students. **Music (Education)**

MNGT 670. Directed Research. (1 to 3 hours); on demand. **Prerequisite: senior undergraduate standing with minor equipment and consent of instructor** **MUSE 578. Teaching of Percussion Instruments. (3-0-3); on demand.** **MUSE 579. Marching Band Techniques. (3-0-3); on demand.** **MUSE 595. Voice Pedagogy. (3-0-3); on demand.** **MUSE 616. Teaching of Strings. (3-0-3); on demand.** **MUSE 625. Psychology of Music. (3-0-3); on demand.**

processes upon which musical behavior depends.

MUSE 635. Practicum in Music Teaching. (3-0-3) ~~Prerequisite demand.~~

~~Permission of the chair of the Department of Music~~tical experience on an individual basis in some areas of music teaching under the supervision of a member of the music faculty. The credit will be offered only to the student whose preparation be met with an appropriate situation for supervised teaching.

MUSE 653. Teaching of Woodwinds. (2-0-2) ~~Co-requisite demand~~ study of the various techniques and recent trends in the teaching of woodwind instruments.

MUSE 656. Teaching of Brasses. (2-0-2) ~~Co-requisite demand~~ study of various techniques and recent trends in the teaching of brass instruments.

MUSE 661. Teaching of General Music. (2-0-2) ~~Co-requisite demand.~~ with emphasis upon music for the non-performing student in the elementary and secondary schools.

MUSE 681. Foundations of Music Education. (2-0-3) ~~Prerequisite demand.~~ The historical, philosophical, and sociological foundations of the teaching of music in schools.

Music (Class Applied)

MUSG 583. Studio Improvisation. ~~Prerequisite demand.~~ **MUSG 383.** May be repeated for credit.

Music (History And Literature)

MUSH 565. Music in America. (3-0-3) ~~Prerequisite demand.~~ If the history of American music from colonial times to the present.

MUSH 581. Literature of the Piano. (3-0-3) ~~Prerequisite demand.~~ The keyboard music from the sixteenth century to the present.

MUSH 591. School Band Literature. (2-0-2) ~~Prerequisite demand.~~ criticism of music for training and concert use by groups at various levels.

MUSH 592. Vocal Literature. (3-0-3) ~~Prerequisite demand.~~ music for solo voice and vocal ensemble, sixteenth through twentieth centuries; stylistic traits, compositions, sources, and performance practices.

MUSH 691. Symphonic Literature. (3-0-3) ~~Prerequisite demand.~~ Literature from the Mannheim School to the present. Emphasis upon formal structure, harmonic idioms, and orchestration.

MUSH 693. Contemporary Music. (3-0-3) ~~Prerequisite demand.~~ study of the compositions and theories of those composers who have contributed significantly to the music of the twentieth century.

MUSH 694. Chamber Music. (3-0-3) ~~Prerequisite demand.~~ study of the literature for small ensembles from the eighteenth century to the present.

Music (Ensembles)

- MUSM 562. Trombone Choir
- MUSM 563. Tuba and Euph. Ensemble
- MUSM 564. Trumpet Ensemble
- MUSM 567. Brass Choir
- MUSM 568. Brasswind Ensemble
- MUSM 569. Percussion Ensemble
- MUSM 570. Concert Band
- MUSM 571. Symphony Band
- MUSM 572. Marching Band
- MUSM 581. Jazz Ensemble

MUSM 582. Jazz Vocal Ensemble

MUSM 583. Traditional Music Ensemble

MUSM 584. Guitar Ensemble

MUSM 590. Vocal Ensemble

MUSM 591. University Chorus

MUSM 592. Concert Choir

MUSM 593. Chamber Music

MUSM 594. Opera Works

Music (Private Applied)

MUSP 501, 601. Private Flute.

MUSP 502, 602. Private Oboe.

MUSP 503, 603. Private Bassoon.

MUSP 504, 604. Private Clarinet.

MUSP 505, 605. Private Saxophone.

MUSP 506, 606. Private Horn.

MUSP 507, 607. Private Trumpet.

MUSP 508, 608. Private Euphonium.

MUSP 509, 609. Private Trombone.

MUSP 510, 610. Private Tuba.

MUSP 516, 616. Private Harp.

MUSP 519, 619. Private Percussion.

MUSP 527, 627. Private Violin.

MUSP 528, 628. Private Viola.

MUSP 529, 629. Private Cello.

MUSP 530, 630. Private Double Bass.

MUSP 535, 635. Private Classical Guitar.

MUSP 536, 636. Private Electric Guitar.

MUSP 537, 637. Private Electronic Music.

MUSP 540, 640. Private Voice.

MUSP 541, 641. Private Harpsichord.

MUSP 542, 642. Private Organ.

MUSP 543, 643. Private Piano.

MUSP 562, 662. Private Composition.

MUSP 563, 663. Private Conducting.

MUSP 660. Graduate Recital. (approximately one hour's duration.)

Music (Theory)

MUST 531. Arranging. (2-0-2); ~~Prerequisite demand.~~ **Equivalent:** scoring, arranging, transcribing for instruments.

MUST 532. Advanced Arranging. (2-0-2); ~~Prerequisite demand.~~ Continuation of MUST 531.

MUST 563. Advanced Composition. (2-0-2); ~~Prerequisite demand.~~ Study, writing, and performance of original compositions and composition seminar in colloquium format.

MUST 564. Advanced Composition. (2-0-2); ~~Prerequisite demand.~~ Continuation of MUST 563.

MUST 631. Arranging for the Marketplace. (2-0-2); ~~Prerequisite demand.~~ trends in half-time show styles; emphasis on individual projects.

MUST 663. Creative Writing I. (2-0-2)

developing individual compositional style.

MUST 664. Creative Writing II. (2-0-2); I. **Prerequisite:** MUST 663. Continuation of MUST 663.

MUST 690. Studies in Musical Style. (3-0-3); III. Detailed analysis of the music of individual composers, musical styles, and periods.

Music (Research)

MUSW 676. Directed Study. (1 to 3 hrs.); I, II, III. Investigation of a problem in music. A written report of the problem, procedure, and results of the study must be submitted.

MUSW 680. Seminar in Music Research. (3-0-3); I, II. Types of research appropriate to the field of music and the methodology of each.

MUSW 699. Thesis. (6 hrs.) **Prerequisites:** MUSW 680 and approval of the topic. May be divided among two or more semesters.

Physical Education

PHED 550. Planning and Managing Exercise Programs. (3-0-3); II.

PHED 401, PHED 402, PHED 432. Emphasis upon knowledge, methods in planning, designing, managing and improving exercise programs. (Provides a sound scientific and a practical foundation for students interested in the exercise field and for the fitness field.)

PHED 551. Exercise Testing and Prescription. (3-0-3); III. Knowledge and skills

in the area of fitness evaluation, exercise prescription, and delivery of normal and special populations.

PHED 552. Exercise Program Practicum. (0-18-6); I, II, III. **Prerequisite:** PHED 550, PHED 551.

Learning of supervisory and leadership roles while working in a clinical setting in an adult fitness program with predisposed and symptomatic heart diseased individuals.

PHED 576. Special Problems in Physical Education. (1 to 3 hrs.); I, II. Designed to meet special needs of individual students. Intensive study of problems from an area of physical education.

PHED 599. Workshop. (1 to 3 hrs.); I, II. Workshop for specifically designated task orientation in physical education. May be repeated in additional subject areas. Maximum of six semester hours may be earned under this course number.

PHED 605. Planning Facilities for Physical Education. (2-0-2); II. (on demand) Facilities, equipment, site selection, building plans, and equipment programs of physical education.

PHED 606. Physiology: Metabolic and Neuromuscular. (3-0-3); I. **Prerequisite:** PHED 432, BIOL 231, and BIOL 232. This course is focused on the metabolic and neuromuscular aspects of exercise physiology including energy balance, body composition, weight control, metabolic disorders, neural control, skeletal structure and function and neuromuscular function.

PHED 607. Physiology: Cardiac and Pulmonary. (3-0-3); I. **Prerequisites:** PHED 432, BIOL 231, and BIOL 232. This course is focused on the cardiovascular and pulmonary theory and skill acquisition in the area of exercise physiology.

PHED 608. Seminar in Motor Learning and Development. (3-0-3); II. **Prerequisites:** PHED 315. This course is designed to survey the research in motor development theories and examine the hereditary and environmental determinants of motor development. Motor behavior of infancy through adulthood is covered, along with techniques of assessing motor development and developing a comprehensive motor

development program for a specific

PHED 610. Readings in Health, Education, and Physical Education. (3-0-3); III. Extensive guided reading in health, education, and physical education.

PHED 611. Issues in Health and Physical Education. (3-0-3); III. Students will be asked to deal with current issues at professional positions taken around the world.

PHED 612. Program Design, Implementation, and Evaluation. (3-0-3); III. **Prerequisites:** PHED 212, PHED 301, and PHED 302. Students will design and implement content learning activities, policies, and a variety of curriculum development projects.

PHED 615. Physical Education for Children. (3-0-3); III. Study of developmentally appropriate content and capabilities in physical education for children.

PHED 617. Advanced Adapted Physical Education. (3-0-3); III. **Prerequisites:** PHED 475 or equivalent. This course provides an understanding of the physical and psychological disabilities as they relate to physical education.

PHED 625. Adoptions of Muscular Strength and Endurance. (3-0-3); III. **Prerequisite:** PHED 475. This course provides a review of individual differences and scientific basis and regarding legislation, assessment, and for professionals in physical education for students with developmental disabilities.

PHED 625. Adoptions of Muscular Strength and Endurance. (3-0-3); III. **Prerequisite:** PHED 475. This course provides a review of individual differences and scientific basis and regarding legislation, assessment, and for professionals in physical education for students with developmental disabilities.

PHED 625. Adoptions of Muscular Strength and Endurance. (3-0-3); III. **Prerequisite:** PHED 475. This course provides a review of individual differences and scientific basis and regarding legislation, assessment, and for professionals in physical education for students with developmental disabilities.

PHED 630. Sports and Recreation Administration. (3-0-3); III. This course will provide techniques of sports and recreation administration, responsibility for athletic and sports events, and business levels. In addition, it covers marketing and will examine the application of these concepts to professional sports events.

PHED 631. Sports and Recreation Administration. (3-0-3); III. This graduate level course will compare and contrast organizational patterns and administrative procedures in sports and recreation organizations. Special emphasis on equipment liability, ticketing, and contract law.

PHED 632. Organization and Administration of Physical Education. (3-0-3); III. This course is designed to assist students in understanding the objectives, principles, policies, and procedures of a sports and recreation administration.

PHED 634. Sports Nutrition. (3-0-3); III. This course is designed to assist students in understanding theory, practice, and nutritional aspects of sports nutrition, research, and interpretation in various sports.

PHED 635. Legal Issues in Sports and Recreation Administration. (3-0-3); III. This course is designed to assist students in understanding the legal issues in sports and recreation administration.

PHED 651. Advanced Clinical Exercise Physiology. (3-0-3); III. **Prerequisite:** PHED 551. This course is designed to assist students in understanding the advanced clinical exercise physiology and its application in sports and recreation administration.

PHED 651. Advanced Clinical Exercise Physiology. (3-0-3); III. **Prerequisite:** PHED 551. This course is designed to assist students in understanding the advanced clinical exercise physiology and its application in sports and recreation administration.

PHED 651. Advanced Clinical Exercise Physiology. (3-0-3); III. **Prerequisite:** PHED 551. This course is designed to assist students in understanding the advanced clinical exercise physiology and its application in sports and recreation administration.

PHED 651. Advanced Clinical Exercise Physiology. (3-0-3); III. **Prerequisite:** PHED 551. This course is designed to assist students in understanding the advanced clinical exercise physiology and its application in sports and recreation administration.

the student with advanced guidelines and experience related primarily to developmental psychology. Emphasis on pulmonary rehabilitation, but also including metabolic, orthopedic, immunologic, and inflammatory, and neuromuscular disease populations. **PSY 582. Experimental Psychology.** (3-0-3) Prerequisite: PSY 154 or consent of instructor. Intensive examination of research methods and theory in modern social psychology.

PHED 653A. Corporate Practicum. (3-6 hours) Prerequisite: Completion of *able courses* and PHED 606, PHED 607, and PHED 651. Will provide students with practical experience in a corporate fitness/wellness setting.

PHED 653B. Clinical Practicum. (3-9 hours) Prerequisite: Completion of *able courses* and PHED 606, PHED 607, and PHED 651. Will provide students with practical experience in a clinical based setting that includes cardiac rehabilitation, pulmonary rehabilitation and/or sports medicine.

PHED 670. Directed Research. (1 to 3 hours) Prerequisite: EDF 1600 and permission of instructor. Research investigation of a professional problem. Student must submit a proposal describing the nature and procedure of the research prior to starting. Format for the proposal will be supplied by the instructor upon request. Copy of final study required for department's permanent file of completed research papers.

PHED 671. Sports and Recreation Administration Internship. (6 hrs.) Prerequisite: completion of PHED 630, REC 604, EDF 600, HPER 601, HPER 602, and PHED 603. This course is designed to assist students in understanding the aims, objectives, principles, policies, procedures and responsibilities for a successful career as a sports administrator.

PHED 672. Graduate Seminar in Exercise Physiology. (3-0-3); culminating experience in which students will review and use the knowledge and abilities acquired during their graduate program to prepare to take the professional clinical exams required to secure desirable employment.

PHED 699. Thesis. (6 hrs) Prerequisite: I. Approval of thesis topic by thesis committee. Maximum of six semester hours allowed.

Philosophy

PHIL 670. Directed Research. (Prerequisite: 12 hours of undergraduate credit or three hours of graduate philosophy.) Student selects an approved topic in philosophy on which he or she will do a directed research paper. A proposal describing the research is required prior to enrollment in the course. A copy of the completed paper is required for the department's permanent file.

PHIL 676. Directed Study. (Prerequisite: 12 hours of undergraduate credit or three hours of graduate philosophy.) Student selects an approved topic in philosophy on which he or she will do a directed study. A proposal describing the study is required prior to enrollment in the course. A copy of the completed paper is required for the department's permanent file.

Psychology

PSY 554. Seminar in Social Psychology. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Intensive examination of research methods and theory in modern social psychology.

PSY 555. Environmental Psychology. (Prerequisite: PSY 154) of ways in which social and physical environments affect human behavior. Direct study of physical settings on behaviors, individual utilization of various physical settings, analysis of personal space utilization, and other non-verbal behaviors examined.

PSY 575. Selected Topics in Psychology. (Prerequisite: consent of instructor) Courses in instrumentation and data reduction, innovation and research design, study of special problems in psychology, various application courses, and others.

PSY 576. Seminar in Developmental Research. (3-0-3) Prerequisite: PSY 154 and 381 or consent of instructor. Examination of research in contemporary

developmental psychology. Emphasis on designing research projects.

PSY 582. Experimental Psychology. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Intensive examination of research methods and theory in modern social psychology.

PSY 583. Sensory Psychology. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Intensive examination of research methods and theory in modern social psychology.

PSY 584. Perception. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Intensive examination of research methods and theory in modern social psychology.

PSY 585. Systems and Theories of Psychology. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Intensive study of more recent theories of psychology including structuralism, functionalism, behaviorism, and a treatment of psychodynamic theory.

PSY 586. Motivation. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Intensive study of more recent theories of psychology including structuralism, functionalism, behaviorism, and a treatment of psychodynamic theory.

PSY 599. Psychology of Learning. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Fundamental principles of learning, problem solving, and symbol formation; experimental problems in habit formation, development of language, and

PSY 590. Abnormal Psychology. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Psychology, behavior, and treatment of abnormality; perceptual handicaps, methods of facilitating growth, theoretical approaches in psychology. May be earned under 3-0-3 credit.

PSY 600. Seminar. (Prerequisite: PSY 154) for maximum of nine hours.

PSY 601. Legal Ethical Issues in Psychology. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Involvement in mental health practice, confidentiality and the duty to warn, apply to the conduct of clinical practice.

PSY 604. Sport Psychology. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Designed to assist students in understanding various aspects of sport and physical activity. Includes research methods and testing in sport psychology. Learning, personality, attention, aggression, leadership, group dynamics.

PSY 609. Educational Psychology. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Nature of learning, evaluation of student learning, and teaching methods, of others.

PSY 610. Advanced Human Growth and Development. (3-0-3) Prerequisite: PSY 154 or consent of instructor. Examination of research in contemporary

Application of principles of development, research findings, and theory of individual behavior. (Same as EDF 610.)

PSY 611. Computer Packages for the Life Sciences. Prerequisite: MATH 353 or consent of instructor. Examination of descriptive and inferential statistics by professional attitudes toward psychological processes.

PSY 621. Advanced Physiological Psychology (2-3) PSY 1154 and PSY 521. Interaction of physiology and behavior, including study of the peripheral and central nervous system as they relate to motor coordination and reflex processes.

PSY 633. Personality Theory. Prerequisite: PSY 154 and consent of instructor. Examination of theories of personality. Relation of current theories to psychological research will be examined.

PSY 634. Learning Theory. Prerequisite: PSY 114. Examination of theories of learning and relationship of these theories to psychological research.

PSY 657. Intellectual Assessment. Prerequisite: admission to graduate study in psychology. Study of basic concepts of psychometrics such as standardization, reliability, validity, and use of psychological tests. Study of and practice in scoring, and interpretation of measures of intelligence and academic achievement.

PSY 658. Assessment of Children. Prerequisite: admission to graduate study in psychology. Principles and practice of individualized and group assessment of behavior of children and adolescents, with special emphasis on measurement of cognitive functions.

PSY 661. Psychopathology. Prerequisite: admission to graduate study in psychology. Study of contemporary classification systems employed by the mental health community along with various theoretical models of defining abnormality and etiology of specific syndromes of abnormal psychology. Study of current research into the description and explanation of psychopathology and process of diagnosis.

PSY 662. Assessment of Adults. Prerequisite: admission to graduate study in psychology. Study of and training in various psychological instruments used to describe and diagnose personality functioning and dysfunctioning in adults. Although the course will focus primarily on the Rorschach, other measures studies will include the MMPI, the 16 PF, figure drawings, the TAT, and sentence completion measures.

PSY 663. Marriage and Family Therapy. Prerequisite: Admission to the graduate program in clinical/counseling psychology or permission of the instructor. Introduction to the major theories and techniques of marital and family therapy. Will be an introduction to sex therapy, divorce therapy, marriage enrichment, and other issues in family therapy. Includes an opportunity to observe/participate as a therapist in a clinical setting.

PSY 664. Clinical Hypnosis. (3 hours); III. Prerequisite: permission of instructor. Examination of the major uses of clinical hypnosis in the practice of clinical and counseling psychology. Intensive didactic and experiential components including experiential training and practice of trance induction, deepening, and utilization.

PSY 670. Directed Research. (1 to 3 hours) Prerequisite: ED 611 in statistics or experimental psychology or consent of instructor. Independent research study of a topic in psychology. Proposal, conforming to the American Psychological Association Publication Manual style and describing purpose and methodology of study, required prior to enrollment in the course. Copy of final study required for departmental file of completed research projects.

PSY 672. Practicum. (2 to 12 hours) Prerequisite: consent of instructor. Placement of clinical or counseling students in school and clinical settings for direct services to clients under qualified supervision.

PSY 673. Psychotherapy I. Prerequisite: admission to graduate study in psychology. Study of contemporary issues and empirical research regarding psychological and behavior change along with study of various theories and systems of psychotherapy.

PSY 674. Psychotherapy II. Prerequisite: continuation of PSY 673: psychology

PSY 676. Directed Study. (1 to 3 hours) Directed study, not requiring a research purpose of the study required for the project

PSY 678. Internship. (2 to 12 hours) Placement of advanced graduate students in school and clinical settings for six hours of credit required.

PSY 690. Psychological Research. Prerequisite: instructor required. Research design and methodology of research related to psychological processes.

PSY 699. Thesis. (6 hrs.). Preparation of a thesis for the degree of Ph.D.

REC 528. Camping Administration. Prerequisite: permission of instructor. Involved in administration of camp programs.

REC 576. Special Problems in Recreation. Prerequisite: permission of instructor. Approved specific problems from an area of recreation research.

REC 580. Outdoor Interpretation. Prerequisite: permission of instructor. Procedures for conducting and supervising outdoor programs and materials.

REC 585. Programs and Materials Development. Prerequisite: permission of instructor. In-depth study of programs and materials, practical work.

REC 588. Professional Development. Prerequisite: permission of instructor. (alternate scheduling) Primary preparation of the graduate student for the R.E.C. certification.)

REC 599. Workshop. (1 to 3 hours) Prerequisite: permission of instructor. Involvement in a workshop in recreation. May be earned under semester hours may be earned under the program.

REC 604. Leisure and Recreation. Prerequisite: permission of instructor. Exploration of the foundations of recreation including leisure and the role of recreation in society.

REC 620. Graduate Seminar in Recreation. Prerequisite: permission of instructor. Topics: emphasis upon program development and evaluation.

REC 625. Community/School Recreation. Prerequisite: permission of instructor. Successful conduct of school/college programs, involved in conducting intramural sports and recreation.

REC 630. Programs in Recreation. Prerequisite: permission of instructor. Which recreation is presented: special facilities, finances, maintenance, and other programs.

REC 635. Organization and Administration of Recreation. Prerequisite: permission of instructor. History and philosophy; the relationship of recreation to education, and recreation.

REC 640. Recreation in the Senior Years. Prerequisite: permission of instructor. Study of the implications and applications of recreation to the senior citizen.

REC 670. Directed Research. (1 to 6 hrs.) **Prerequisite: EDF 600 and permission of instructor.**

Directed research investigation of a professional problem. Student must submit a proposal describing the nature and procedure of the research prior to starting. Format for the proposal will be supplied by the instructor upon request. Copy of final study required for department file of completed research.

REC 699. Thesis (6 hrs.) **Prerequisite: approval of thesis topic by committee.** A maximum of six semester hours is allowed.

Science Education

SCI 521. Chemistry in the Modern World. (3-0-3) **on demand.**

modern chemical industry with emphasis on industrial processes and the uses of commodities produced as finished products. The relation of the chemical industry to society will be sketched.

SCI 570. Earth Science. (2-2-2) **Prerequisite: permission of instructor.**

SCI 580. History of Science. (3-0-3) **Prerequisite: six hours of science credit.** Development of scientific traditions, discoveries, and concepts from the time of ancient Egypt to the present.

SCI 591. Science for the Middle School Teacher. (2-2-2) **Prerequisite: student should have completed the minimum general education requirements in sciences and mathematics and be admitted to the teacher education program.**

A study of pedagogy, science content, and techniques applicable to the teaching of science to middle school or junior high children.

SCI 592. Science for the Secondary Teacher. (2-2-2) **Prerequisite: permission of instructor.** Concepts of teaching high school science with emphasis on laboratory techniques, test preparation, questioning, presentation methods, and care of equipment.

SCI 599. Selected Topics. (1 to 6 hours); on demand.

SCI 622. Chemistry and Your Environment. (3-0-3) **Prerequisite: permission of instructor.** Emphasis on the role of chemistry in the environment and its relation to issues of waste generation and waste disposal, determination of hazard levels, and current toxicological beliefs. Some applications to the environment are included.

SCI 623. Computers in Chemistry. (3-0-3) **Prerequisite: permission of instructor.** Analysis of software available in chemistry. Applications of the series will be emphasized though a more general approach for software evaluation will be taken. A knowledge of some computer language will enrich the course, but it is not required.

SCI 670. Directed Research. (1 to 6 hrs.) **Independent research in science education. (Problem must be approved by the Department of Physical Sciences registration.)**

SCI 690. Advanced Science for the Elementary School Teacher. (2-2-3) **Prerequisite: SCI 490 or equivalent.** Comprehensive overview of teacher competencies

applicable to the effective teaching of elementary school science.

Sociology

SOC 515. Family Dynamics. (3-0-3) **Prerequisite: permission of instructor.** In-depth analysis of the family in its social context. Emphasis is placed upon social interaction within the family, socio-economic and socio-cultural factors which bear influence upon it, and the relationship of the family to the total social system.

SOC 525. The Community. (3-0-3) **Prerequisite: permission of instructor.** General character of community relations in society, the structure and function of the community as a social system, the balancing community needs and resources, and planned and unplanned social change.

SOC 540. Gerontology. (3-0-3)

Emphasis on a knowledge of the social factors which influence the social, political, and economic conditions of the aged.

SOC 545. Death and Dying. (3-0-3)

Emphasis on the social aspects of death and dying.

SOC 550. Appalachian Culture. (3-0-3)

Emphasis on the juxtaposition to concept of culture in society and personality in Appalachia.

SOC 601. Criminology Theory. (3-0-3)

Emphasis on major areas of criminological theory and theoretical issues.

SOC 602. Appalachian Sociology. (3-0-3)

Emphasis on Appalachian social institutions in relation to government; a survey of health and population characteristics, and social change.

SOC 605. Mind, Self, and Society. (3-0-3)

Emphasis on individual and society as the product of social interaction.

SOC 615. Sociological Research Methods. (3-0-3)

Emphasis on methodology; empirical generalization & interpretation, instrumentation, and data analysis.

SOC 620. Educational Sociology. (3-0-3)

Emphasis on understanding education as a social process.

SOC 625. Deviance. (3-0-3); on demand.

Emphasis is placed upon acquisition of knowledge of deviance.

SOC 630. Social Inequality. (3-0-3)

Emphasis on the measurement of social inequality.

SOC 635. Organizations in Context. (3-0-3)

Emphasis on analysis of organizations as social systems.

SOC 640. Social Policy in Aging. (3-0-3)

Emphasis on knowledge of federal, state, and local programs for the aged.

SOC 650. Sociological Thought. (3-0-3)

Emphasis on the welfare of senior citizens.

SOC 655. Sociological Thought. (3-0-3)

Emphasis on sociological theorists such as Weber and Durkheim.

SOC 670. Directed Research. (1 to 6 hrs.)

Independent research project on some sociological problem.

SOC 676. Directed Study. (1 to 6 hrs.)

Independent student research project on some sociological problem.

SOC 690. Graduate Practicum in Sociology. (3-0-3)

Emphasis on providing the graduate student with practical experience in the field.

SOC 699. Thesis. (3 to 6 hrs.)

Emphasis on independent research project on some sociological problem.

supervision of a faculty member and must present a thesis approved by the (Major advisor.) Students may be

Spanish

SPA 576. Directed Studies. A maximum of 9 semester hours may be earned through independent or special problem courses **Prerequisite:** consent of the instructor and the department chair.

is a directed study for the advanced undergraduate and the graduate student in Spanish. Each request will be considered on its own merits in relation to the special needs of the student.

SPA 599. Special Courses. A maximum of 9 semester hours may be earned through independent or special problem courses **Prerequisite:** variable

These courses are usually specialized offerings in Spanish for the advanced undergraduate and the graduate student. The purpose of these courses is to enhance the study in Spanish.

SPA 670. Directed Research. A maximum of 9 semester hours may be earned through independent or special problem courses **Prerequisite:** original to chair of an approved subject under faculty supervision.

SPA 676. Directed Study. A maximum of 9 semester hours may be earned through independent or special problem courses **Prerequisite:** study of a specific topic under direction of the faculty.

Speech

SPCH 510. Advanced Public Speaking. (3-0-3) on demand. traditional preparation and delivery of the study, complex speeches.

SPCH 521. Classical Rhetorical Theory. (3-0-3) on demand. rhetorical theory of Plato, Aristotle, Cicero, and other writers of the Greco-Roman periods.

SPCH 522. Contemporary Rhetorical Theory. (3-0-3); on demand **Prerequisite:** SPCH 521 or permission of the instructor. study of rhetorical and communications theory from the Renaissance to the present.

SPCH 523. Rhetorical Criticism. (3-0-3) on demand. classical and modern rhetorical theory analysis and criticism of selected speeches.

SPCH 527. American Public Address. (3-0-3) on demand, speakers, and movements in America from the Colonial Period to the New Deal.

SPCH 530. Contemporary Public Address. (3-0-3) on demand, speakers, and movements from the 1930s to the present.

SPCH 567. Organizational Communication. (3-0-3) (even years). functions of communication within organizations and professional environments may be assessed a fee for materials distributed in class.

SPCH 570. Parliamentary Procedure. (3-0-3) on demand. rules used in meetings.

SPCH 571. Interviewing. (3-0-3) on demand. study of the various business interview types, coupled with role-playing experiences.

SPCH 583. Advanced Small Group Communication. (3-0-3); on demand. **Prerequisite:** SPCH 383 or permission of the instructor. current theory and concepts pertaining to the discussion process.

SPCH 603. Seminar. (3-0-3); on demand. **Prerequisite:** graduate standing and approval of instructor. explore problems in speech with special research projects

Social Work

SWK 500. Special Problems. (1 to 3 semester hrs.) and social work coordination with work field.

SWK 520. Social Work Administration. (3-0-3) This course, signature, organizational and the student. income maintenance and voluntary agencies.

SWK 535. Group Dynamics. (3-0-3) understanding of group methods and principles. Special emphasis on existing program.

SWK 545. Death and Dying. (3-0-3) issues and problems; strategies

Theater

THEA 512. Playwriting. (3-0-3) by permission of instructor. analysis of scripts.

THEA 513. Advanced Play Direction. To develop greater proficiency in and staging problems.

THEA 530, Summer Theater III. A acceptance into summer theater. Advanced acting and directing. (Major requirement)

THEA 552. Early Dramatic Literature. plays from the Greeks to mid-nineteenth century.

THEA 553. Modern Dramatic Literature. the drama from the growth of realism to the present.

THEA 555. Dramatic Criticism. (3-0-3) **THEA 100, THEA 554, or by permission of instructor.** developed through Aristotle, Horace, and the eighteenth century.

THEA 562. Advanced Acting. (3-0-3) Advanced study of acting, including situations.

THEA 563. Advanced Costuming. permission of instructor. costume design and the fabrication of garments for theater.

THEA 564. Advanced Scene Design. 320, and 322 or permission of instructor. design

as applied to specific problems and **THEA 565. Advanced Stage Lighting.** 210, 320 and 322 or permission of instructor.

specific productions; to research **THEA 570. Children's Theater.** concentrated study of the problems and with children.

THEA 603. Seminar. **Prerequisite:**

explore problems of contemporary theater, with directed individual research projects to be shared in seminar discussion. (May be repeated.)

Vocational Education/Technology

VOC 630. Evaluation Techniques (3-0-3) Development of a framework of measurement and evaluation in vocational education. Includes validity and reliability of measuring instruments, objectives, and programs, interpretation of material, statistical analysis, and research.

VOC 640. Administration and Supervision of Vocational Education. (3-0-3); on demand. Emphasis will be placed on philosophy, concepts and theories of administration and their application to practical vocational school situations. Students will develop a basis for learning and applying administrative decision techniques to implement administrative duties in a vocational school setting,

VOC 650. Organization and Administration of Vocational Education (3-0-3); on demand. Continuation and practical application of the vocational education theories of administration and supervision examined in VOC 640. Additional study of state and federal legislation, fiscal requirements, community relations, and professional staff development is included.

VOC 660. Trends and Issues in Vocational Education. (3-0-3); I. Identification and study of problems and issues pertaining to the new roles of vocational education with special emphasis on KERA.

VOC 685. Principles and Philosophy of Vocational Education. (3-0-3); I. Background, development, objectives, principles, philosophy, status, and trends of vocational education; organization and administration of vocational education at all levels including the impact of new policies regarding KERA and Tech Prep.

VOC 698. Career and Vocational Guidance (3-0-3); I. Importance of work; use and selection of tests to assist in vocational choice; methods and techniques with a revitalization of career planning and vocational development in students.

Administrative Directory

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Teresa Johnson, Student
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Peggy Osborne, Chair, Management and Marketing

Education and Behavioral Science

J. Michael Seelig, Interim Dean
Mary Anne Pollock, Interim Chair,
Deborah Grubb, Interim Chair, Leadership
Jack Sheltmire, Chair, Health, Physical Education
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Humanities, Caudill College

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