

KENTUCKY STATE UNIVERSITY

CATALOGUE 2003-2004

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Kentucky State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; telephone number 406-679-4501) and awards undergraduate and graduate degrees.

It is the policy of Kentucky State University not to discriminate against any individual in its educational programs, activities, or employment on the basis of race, color, national origin, sex, disability, veteran status, age, religion, or marital status.

The information in this Catalogue is current at the time of publication. Curricula, courses, degree requirements, fees, and policies are subject to constant review. Specific details may vary from the statements printed here without further notice. If you are pursuing a degree, you are obliged to fulfill the requirements as they were listed in the Catalogue for the semester in which you enrolled in the program. If the requirements changed after you enrolled in the program, see the policy "Catalogue of Record" in the Academic Policies section of this Catalogue.

CAMPUS DIRECTORY

Campus Operator - (502) 597-6000

	Campus Address	EXT
Office of the President	Hume Hall, Suite 201	6260
Vice President for Academic Affairs	Hume Hall, Suite 202	6442
Vice President for Student Affairs	Hume Hall, Suite 103	6671
Chief Financial Officer	Hume Hall, Suite 201	6343
Vice President for University Advancement	Hume Hall, Suite 102	6760

College of Arts and Sciences

Office of the Dean	Carver Hall, Room 135	5977
Behavioral and Social Sciences	Hathaway Hall, Room 225	5922
Fine Arts	Bradford Hall, Room G-5	6496
Literature, Languages, and Philosophy	Hathaway Hall, Room 317	6990
Mathematics and Sciences	Carver Hall, Room 132	6603
Aquaculture/Aquatic Sciences	Aquaculture Research Center	8103

College of Professional Studies

Office of the Dean	Hathaway Hall, Room 202	5900
Computer and Technical Sciences	Hathaway Hall, Room 410B	6384
Industrial Technology	Shauntee Hall, Room 113	6652
Education and Human Services	Hathaway Hall, Room 215	5919
Applied Human Services	Hathaway Hall, Room 414	6184
Health, Physical Education, and Recreation	Exum Center, Room 270	5867
Nursing	Betty White Health Center	5957
Social Work and Criminal Justice	Hathaway Hall, Room 220	6890

School of Business

Office of the Dean	Bradford Hall, Room 105	6708
Administrative Support Services	Bradford Hall, Room 105	6708

School of Public Affairs

Office of the Dean	Acad. Services Bldg., Suite 334	6117
The Graduate Center	Acad. Services Bldg., Suite 334	6117

Whitney M. Young, Jr. College of Leadership Studies

Office of the Dean	Carver Hall, Room 133	6411
Integrative Studies	Hathaway Hall, Room 313	5924

University Resources

Academic Advising	Acad. Services Bldg., Suite 303	6400
Academic Computing	Acad. Services Bldg., Room 526	6938
Admissions	Acad. Services Bldg., Suite 312	6813
Alumni Relations	Hume Hall, Suite 102	6511
Alumni Stadium	Athletic Drive	6011
Aquaculture Research Facility	Athletic Drive	8103
Athletic Director	Alumni Stadium, Room 137	6014
Blazer Library	Blazer Library	6852
Bookstore	Student Center Lobby	6352
Cafeteria	Carl M. Hill Student Center	6398
Cashier	Acad. Services Bldg., 3rd level	6250
Center for Professional & Career Preparation	Hathaway Hall, Rooms 109	6206
Center of Excellence for the Study of Kentucky African Americans (CESKAA)	Jackson Hall, Room 103	6315
Communication Skills Center	Hathaway Hall, Room 101	6680
Community Recruitment	Acad. Services Bldg., Suite 312	6350
Comprehensive Counseling	Betty White Health Center	6970
Continuing and Distance Education	Acad. Services Bldg., Room 526	5611
Counseling and Placement	Acad. Services Bldg., Suite 241	5948
Developmental Programs	Hathaway Hall, Room 432	6432
Distance Learning/Videoconferencing	Acad. Services Bldg., Room 526	5050
Exum Center	Exum Center	5847
Financial Aid	Acad. Services Bldg., Suite 349	5960
First Year Experience	Hathaway Hall, Room 102	6217
Health Services	Betty White Health Center	6271
Land Grant Programs	Cooperative Extension Bldg.	6310
Registrar	Acad. Services Bldg., Suite 323	6340
Residence Halls	Chandler Hall	6256
	Combs Hall	6920
	Hunter Hall	6171
	Kentucky Hall	5952
	McCullin Hall	6973
	Young Hall	6838
Student Financing and Collections	Acad. Services Bldg., Suite 349	6278
Student Housing	Acad. Services Bldg., Suite 317	5951
Student Life/Organization	Carl M. Hill Student Center	6989
Testing Services	Hathaway Hall, Rooms 109-111	6206
Transcript Evaluation Center	Acad. Services Bldg., Suite 323	5795
University Police	Exum Facility, Room 248	6878
Video Conferencing	Acad. Services Bldg., Suite 526	5050

This is not a complete listing of University Administrative Offices. For numbers not listed please call the University switchboard at (502) 597-6000.

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A LETTER FROM THE PRESIDENT

“Come grow with us...in KSU’s different world!”

James Allen, writing in As a Man Thinketh (1922), said it best; an expression of KSU’s mission: “People hold within themselves the key to every situation they face...[they] contain within themselves that transforming and regenerative agency by which they make of themselves what they will.”

If it is your will – as a prospective student – to have Kentucky State University be the conduit through which you will either change and/or rejuvenate yourself, then it simply delights me to imagine you browsing through this stockpile of information about our esteemed institution of higher education, one that is a marvel both of tradition and change.

I am extremely fortunate – as a Kentuckian -- to welcome you to this window to the unique world of KSU. My sincere hope is that you will peer through this paper portal and examine carefully the rich opportunities in what we call the “different world of KSU.” Then, after you choose KSU -- as our honorable saying broadcasts to our students – come on in, “Enter to Learn, Go out to Serve.”

KSU, the Commonwealth’s most unique liberal arts public college, offers an extensive variety of professional degree programs at the associates, bachelors, and masters levels. KSU’s Program of Distinction – Aquaculture – is housed in its 1890 Land Grant program, the taproot of its status as a historically black college (HBCU). KSU may well be the nation’s most multi-ethnic campus: our student body, faculty and staff represents people from all walks of life, from scores of points around the globe.

As a KSU student, you will be treated in the manner that gardeners cultivate plots, leading them towards fulfillment. Your needs and desires will be tended to – almost solicitously. When you leave KSU, you will have discovered that you are the master gardener of your soul, the director of your life, and the shaper of your own personality, condition and future.



As an educational institution, KSU prides itself for providing the human and organizational resources to help students make of themselves what they will. Come on in. Come to KSU: join the long chain of successful women and men who’ve embraced her honored traditions and benefitted from her resolve to always be on the cutting edge of change.

Welcome to the “different world of KSU.”

William H. Turner, PhD
Interim President
Spring 2003

ACCREDITATIONS AND INSTITUTIONAL MEMBERSHIPS

Kentucky State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone Number 404-679-4501) to award degrees at the associate, baccalaureate, and master's levels.

Credits earned at Kentucky State University are

American Alliance of Physical Education, Health, Recreation, and Dance
American Association for Higher Education
American Association for Adult and Continuing Education
American Association of Colleges for Teacher Education
American Association of Collegiate Registrars and Admissions Officers
American Association of State Colleges and Universities
American College Health Association
American Council on Education
American Library Association
Association for Institutional Research
Association for Student Judicial Affairs
Association of American Colleges and Universities
Association of College and University Auditors
Association of Collegiate Business Schools and Programs
Association of Gerontology in Higher Education
Association of Governing Boards of Universities and Colleges
Association to Advance Collegiate Schools of Business (AACSB)
The College Board
The Cooperative Center for Study Abroad
Council for Adult and Experiential Learning
Council for the Advancement and Support of Education
Council of Historically Black Graduate Schools
Council of National Alumni Associations, Inc.
Council on Social Work Education
International Studies Association
Kentucky Academy of Science
Kentucky Association of Collegiate Registrars and Admissions Officers
Kentucky Board of Nursing
Kentucky Council for International Education
Kentucky Council of Associate Degree Nursing
Kentucky Education Professional Standards Board
The Kentucky Institute for International Studies
National Academy of Early Childhood Programs

accepted by other accredited institutions of higher education throughout the country for transfer credit, graduate study, professional placement, and employment opportunities. The University also holds full membership in and/or accreditation from the following state, regional, and national educational or professional organizations:

National Association for Equal Opportunity in Higher Education
National Association for the Education of Young Children
National Association of College Deans, Registrars and Admissions Officers
National Association of Colleges and University Business Officers
National Association of Schools of Music
National Association of Schools of Public Affairs and Administration
National Association of State Universities and Land Grant Colleges
National Association of Student Affairs Professionals
National Association of Student Financial Aid Administrators
National Association of Student Personnel Administrators
National Collegiate Athletic Association
National Collegiate Honors Council
National Council for Accreditation of Teacher Education
National Council for Education Opportunity Associations
National League for Nursing Accreditation Commission
Professional and Organizational Development Network in Higher Education
SCT Education Technology Association
Society for College and University Planning
South-East Consortium for International Development
Southern Association of College and University Business Officers
Southern Association of Collegiate Registrars and Admissions Officers
Southern Council of Collegiate Education for Nursing
Southern Intercollegiate Athletic Conference
Southeastern Library Network
1890 Land Grant and Tuskegee Library Director's Association

UNIVERSITY ACADEMIC CALENDAR

FALL SEMESTER 2003

August 11-12	Monday-Tuesday—New student orientation
August 12	Tuesday—Registration for new students
August 13-15	Wednesday-Friday—Continuing students register
August 18	Monday—Classes begin
August 22	Friday—Last day of late registration Friday—Last day to add/change registration
August 29	Friday—Fall payment deadline
September 1	Monday—Academic holiday (Labor Day)
September 12	Friday—Last day to submit Application for Degree to Departments for the Spring Semester 2004
September 19	Friday—Last day for Departments to submit Application for Degree to Office of the Registrar for the Spring Semester 2004
October 6-11	Monday-Saturday—Midterm examinations
October 13	Monday—All Midterm Warnings to be input by departments no later than 12:00 noon Monday—All grade changes for Incomplete work from Spring & Summer Sessions 2003 due in the Office of the Registrar
October 17	Friday—Academic Holiday (Founders' Day)
October 18	Saturday—Homecoming
October 24	Friday—Last day to drop classes or withdraw from the University with a "W"
October 27-31	Rising Junior Assessment
November 3	Monday—Preregistration for Spring 2004 semester begins
November 3-14	Student evaluations of faculty
November 26	Wednesday—Thanksgiving holiday begins at 12:00 noon for faculty and students
December 1	Monday—Classes resume
December 6	Saturday—Last day of classes
December 8-13	Monday-Saturday—Final examinations
December 9	Tuesday—Academic Holiday (Governor's Inauguration)—no exams except for Tuesday evening classes
December 13	Saturday—Semester ends
December 15	Monday—All grades to be input by faculty not later than 12:00 noon

SPRING SEMESTER 2004

January 5-6	Monday-Tuesday—New student orientation
January 6	Tuesday—Registration for new students
January 7-9	Wednesday-Friday—Continuing students register or complete registration
January 12	Monday—Classes begin
January 16	Friday—Last day of late registration Friday—Last day to add/change registration
January 19	Monday—Academic holiday (Observance of Martin Luther King, Jr.'s Birthday)
January 23	Friday—Spring payment deadline
February 6	Friday—Last day to submit Application for Degree to Departments for the Summer Session and Fall Semester 2004
February 13	Friday—Last day for Departments to submit Application for Degree to Office of the Registrar for the Summer Session and Fall Semester 2004
March 1-6	Monday-Saturday—Midterm examinations
March 8-14	Monday-Sunday—Spring vacation
March 15	Monday—All Midterm Warnings to be input by departments no later than 12:00 noon Monday—All grade changes for Incomplete work from Fall 2003 semester due in the Office of the Registrar
March 22-26	Rising Junior Assessment
March 26	Friday—Last day to drop classes or withdraw from the University with a "W"
Mar. 20-Apr. 9	Student evaluations of faculty
April 5	Monday—Preregistration for Summer 2004 session and Fall 2004 semester begins
April 24-30	Saturday-Friday—Final examinations for prospective graduates
May 1	Saturday—Last day of classes
May 1-7	Saturday-Friday—Final examinations
May 3	Monday—All grades for prospective graduates to be input by faculty not later than 12:00 noon
May 5	Wednesday—Reading Day (no exams except for Wednesday evening classes)
May 7	Friday—Semester ends
May 8	Saturday—Commencement Convocation
May 10	Monday—All grades due to be input by faculty not later than 12:00 noon

SUMMER SESSION 2004

June 4	Friday—Regular registration for Summer session	October 25-29	Office of the Registrar Rising Junior Assessment
June 7	Monday—Classes begin	October 29	Friday—Last day to drop classes or withdraw from the University with a "W"
June 9	Wednesday—Last day of late registration	November 1	Monday—Preregistration for the Spring 2005 semester begins
	Wednesday—Last day to add/change registration	November 1-12	Student evaluations of faculty
June 30-July 3	Wednesday-Saturday—Midterm examinations	November 2	Tuesday—Academic Holiday (Election Day)
July 5	Monday—Academic holiday (Observance of Independence Day)	November 24	Wednesday—Thanksgiving holiday begins at 12:00 noon
July 12	Monday—Last day to drop classes or withdraw from the University with a "W"	November 29	Monday—Classes resume
July 28-31	Wednesday-Saturday—Final examinations	December 11	Saturday—Last day of classes
July 31	Saturday—Session ends	Dec. 13-18	Monday-Saturday—Final examinations
August 2	Monday—All grades to be input by faculty not later than 12:00 noon	December 15	Wednesday—Reading Day (no exams except for Wednesday evening classes)
		December 18	Saturday—Semester ends
		December 20	Monday—All grades to be input by faculty not later than 12:00 noon

FALL SEMESTER 2004

August 16-17	Monday-Tuesday—New student orientation
August 17	Tuesday—Registration for new students
August 18-20	Wednesday-Friday—Continuing students register or complete registration
August 23	Monday—Classes begin
August 27	Friday—Last day of late registration
	Friday—Last day to add/change registration
September 3	Friday—Fall payment deadline
September 6	Monday—Academic holiday (Labor Day)
September 10	Friday—Last day for students to submit an Application for Degree to Departments for the Spring 2005 semester
September 17	Friday—Last day for Departments to submit Applications for Degree to the Office of the Registrar for the Spring 2005 semester
October 8	Friday—Academic Holiday (Founders' Day)
October 9	Saturday—Homecoming
October 11-16	Monday-Saturday—Midterm assessment/examinations
October 15	Friday—Last day for students to submit work for Incomplete grade received in Spring & Summer 2004 semester/session
October 18	Monday—All Midterm Warnings to be input by departments no later than 12:00 noon
	Monday—All grade changes for Incomplete work from Spring & Summer Sessions 2004 due in the

SPRING SEMESTER 2005

January 10-11	Monday-Tuesday—New student orientation
January 11	Tuesday—Registration for new students
January 12-14	Wednesday-Friday—Continuing students register or complete registration
January 17	Monday—Academic holiday (Observance of Martin Luther King, Jr.'s Birthday)
January 18	Tuesday—Classes begin
January 21	Friday—Last day of late registration
	Friday—Last day to add/change registration
January 28	Friday—Spring payment deadline
February 4	Friday—Last day for students to submit an Application for Degree to Departments for the Summer session and Fall semester 2005
February 11	Friday—Last day for Departments to submit an Application for Degree to the Office of the Registrar for the Summer session and Fall semester 2005
March 7-12	Monday-Saturday—Midterm assessment/examinations
March 11	Friday—Last day for students to submit work for an Incomplete grade received in the Fall 2004 semester
March 14-20	Monday-Sunday—Spring vacation
March 21	Monday—All Midterm Warnings to be input by departments no later than 12:00 noon

	Monday—All grade changes for Incomplete work from Fall 2004 semester due in the Office of the Registrar
March 21-25	Rising Junior Assessment
Mar. 28-Apr. 9	Student evaluations of faculty
April 1	Friday—Last day to drop classes or withdraw from the University with a "W"
April 4	Monday—Preregistration for Summer 2005 session and Fall 2005 semester begins
May 2-7	Monday-Saturday—Final examinations for prospective graduates
May 7	Saturday—Last day of classes
May 7-13	Saturday-Friday—Final examinations
May 9	Monday—All grades for prospective graduates to be input by faculty not later than 12:00 noon
May 11	Wednesday—Reading Day (no exams except for Wednesday evening classes)
May 13	Friday—Semester ends
May 14	Saturday—Commencement Convocation
May 16	Monday—All grades to be input by faculty not later than 12:00 noon

SUMMER SESSION 2005

June 3	Friday—Regular registration for Summer session
June 6	Monday—Classes begin
June 8	Wednesday—Last day of late registration Wednesday—Last day to add/change registration
June 17	Friday—Last day for students to submit an Application for Degree to the Office of the Registrar for the Summer session and Fall semester 2005
Jun 29-Jul 2	Wednesday-Saturday—Midterm examinations
July 4	Monday—Academic holiday (Independence Day)
July 11	Monday—Last day to drop classes or withdraw from the University with a "W"
July 27-30	Wednesday-Saturday—Final examinations
July 30	Saturday—Session ends
August 1	Monday—All grades to be input by faculty not later than 12:00 noon

Students should check the Schedule of Classes each semester for any calendar changes which may have been approved after the publication of this Catalogue.

THE UNIVERSITY: A HISTORY OF PUBLIC SERVICE

MORE THAN A CENTURY OF EXCELLENCE IN HIGHER EDUCATION

From its modest beginnings as a small normal school for the training of black teachers for the black schools of Kentucky, Kentucky State University has grown and evolved to become the state's unique, small, liberal studies institution, serving students without regard to their race, age, sex, national origin, or economic status.

The University was chartered in May 1886 as the State Normal School for Colored Persons, only the second state-supported institution of higher learning in Kentucky. During the euphoria of Frankfort's 1886 centennial celebration, when vivid recollections of the Civil War remained, the city's 4,000 residents were keenly interested in having the new institution located in Frankfort. Toward that end, the city donated \$1,500—a considerable amount in 1886 dollars—and a site on a scenic bluff overlooking the town. This united display of community enthusiasm and commitment won the day. The new college was located in Frankfort in spite of competition from several other cities.

Recitation Hall (now Jackson Hall), the college's first building, was erected in 1887. The new school opened on October 11, 1887 with three teachers, 55 students, and John H. Jackson as president.

In 1890 the institution became a land grant college, and the departments of home economics, agriculture, and mechanics were added to the school's curriculum. The school produced its first graduating class of five students in the spring of that year. A high school was organized in 1893. This expansion continued into the twentieth century in both name and program. In 1902, the name was changed to Kentucky Normal and Industrial Institute for Colored Persons. The name was changed again in 1926 to Kentucky State Industrial College for Colored Persons. In the early 1930's the high school was discontinued, and in 1938 the school was named the Kentucky State College for Negroes. The term "for Negroes" was dropped in 1952. Kentucky State College became a university in 1972, and in 1973 the first graduate students enrolled in its School of Public Affairs.

Over the past 20 years more than 30 new structures or major building expansions have enhanced Kentucky State University's 511-acre campus, which includes a 203-acre agricultural research farm.

Kentucky State University is the smallest of Kentucky's public universities with an enrollment of approximately 2,300 students and 130 full-time instructional faculty members. During a typical academic year, the University's student and faculty composition indicates a substantial racial balance:

Students:	65% full time
	35% part time
Faculty:	70% residents of KY
	30% non-KY residents
	63% African American
	32% white
	5% other
Faculty:	35% African American
	50% white
	15% other

Kentucky State University today has more than 35 campus structures to serve its family, 11 of which are used for instructional purposes. Many courses are taught each academic year in off-campus classes throughout Franklin County and the surrounding six-county service area. The University's student-faculty ratio is the lowest among public institutions of higher learning in Kentucky.

Today's students have the opportunity to receive an associate (two-year) degree in six disciplines, a baccalaureate (four-year) degree in 23 disciplines—several of which have optional specializations, and a master's degree in two disciplines. Students may also elect to prepare for professional schools through the University's arrangements with the University of Kentucky, the University of Louisville, the University of Maryland at College Park, Vanderbilt University, Meharry Medical College, Florida A&M University, Northern Kentucky University, Auburn University, Tuskegee University, Southern College of Optometry (Memphis), the University of Houston, and the University of Alabama-Birmingham.

VISION

In the twenty-first century, Kentucky State University, a diverse and unique liberal studies, 1890 land grant institution, will be a comprehensive institution that effectively utilizes its resources to create an exceptional learning community. In its curricula, services, and outreach, Kentucky State University will remain committed to its rich heritage and dedicated to its future. Outstanding faculty and staff will prepare leaders committed to continuous improvement in the opportunities for expression and participation in the life of the University, the Commonwealth, the nation, and the world.

MISSION

Kentucky State University is the state's unique, small, liberal studies institution with the lowest student-faculty ratio in the state system. The University shall serve as a residential institution with a range of traditional collegiate

programs appropriate to its liberal studies role and to its status as an historically black college and university.

Geographical Region. Kentucky State University's geographic region shall be statewide for its liberal studies mission, its land-grant functions, and its service to state government. In addition, Kentucky State University's primary service area for commuting students shall be for Franklin and surrounding counties.

INSTITUTIONAL ADMISSION STANDARDS

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

DEGREE LEVELS

Selective associate degree and baccalaureate degree programs shall be oriented toward liberal studies and selected career opportunities related to state government services. Kentucky State University shall offer selected master's degree programs based on demonstrated needs, with a priority given to a public administration curriculum to meet the needs of state government.

STRATEGIC DIRECTIONS / PROGRAM PRIORITIES

The University shall focus on liberal studies programming. Drawing upon its African American heritage, the University will promote the values and methods of interdisciplinary and multicultural education in its liberal studies offerings. All students shall participate in common curricula that explore the liberal studies. Drawing upon the multicultural strengths of the University, emphasis shall be placed on preparing minority students for careers in education and in other selected professions including business, computer science, nursing, human services, and public services. These strategic priorities translate into a core of liberal arts baccalaureate degree programs, in addition to degree program priorities at the associate (A), baccalaureate (B), and master's (M) levels that may include the following: education (B); business (B); computer science (B); nursing (A, B); human services (B); public administration (B, M); and aquaculture/aquatic science (M).

ENHANCEMENT OF INSTRUCTION

The University shall emphasize teaching. Meeting student needs shall be paramount. The University shall focus on the needs of its students, which include, but are not limited to, full-time and part-time residential students, commuting students from its primary service area, and state government employees.

SERVICE AND RESEARCH FUNCTIONS

As the Commonwealth's 1890 land-grant institution,

Kentucky State University shall fulfill its responsibilities under federal law and participate fully in appropriate U.S. Department of Agriculture programs, in accord with the mission of the University. Kentucky State University shall be the major repository for the collection of books, records, and artifacts relative to the history and status of African American citizens of the Commonwealth and elsewhere. The University shall make such materials available for casual study and scholarly research. As the comprehensive institution located in the capital city, Kentucky State University shall focus on meeting the applied research and service needs of state government.

COLLABORATIVE VENTURES

The priority master's degree program offered by Kentucky State University shall be carefully articulated with related doctoral programs offered by the doctoral-granting institutions in the system. The University shall develop and employ telecommunication resources to communicate with other institutions in the fulfillment of its mission. Curriculum development shall emphasize the transfer of credits from other institutions toward degree completion.

EFFICIENCY AND EFFECTIVENESS

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

THE UNIQUENESS OF KENTUCKY STATE UNIVERSITY

Kentucky State University has the most culturally diverse student body and faculty among all higher education institutions in Kentucky and one of the most diverse in the nation. In a typical year, the institution's student body is equally divided between African American and Caucasian students. About two percent of the students come from 14 foreign countries. The faculty is comprised of 35 percent African Americans, 50 percent Caucasians, and 15 percent from other ethnic origins.

KSU utilizes only faculty as teachers; no graduate assistants teach courses. More than two-thirds of the University's full-time faculty members who teach in the institution's baccalaureate and master's degree programs have terminal degrees.

Three percent of the openings in Kentucky's publicly-supported law, dental, and medical schools have been made available to Kentucky State University graduates who are Kentucky residents. No other institution of higher education in the Commonwealth has this guarantee.

The University has the most comprehensive liberal studies requirements of any public higher education

institution in the state. KSU's Liberal Studies Requirements constitute a carefully designed program of 53 semester credit hours of courses selected from various academic offerings. An important feature of these requirements is the sequence of Integrative Studies courses. The Integrative Studies Program elicits from faculty and students a commitment to analyze and interpret a body of knowledge that links the perennial questions of human life with the greatest works of history, literature, art, philosophy, and the sciences. The program consists of seven seminars--three in the Western and four in the non-Western traditions. With the exception of the students in the Whitney M. Young, Jr. College of Leadership Studies, all baccalaureate degree-seeking students must successfully complete the Liberal Studies Requirements of which 12 semester credit hours must be in the Integrative Studies Program.

The University's Paul G. Blazer Library is one of the most comprehensive in Kentucky with more than 600,000 volumes and 1,200 serialized journals. The library is totally computerized and offers faculty and students access to the collections of other regional libraries through the Kentucky Library Network (KLN), and the Southeastern Library Network (SOLINET). Also through the Kentucky Virtual Library (KYVL) patrons have access to over 40 index, abstract and full-text databases, with free access available from your home, school, or local library. The library's satellite with both Ku and C bands provides access to national teleconferences and educational programming. Blazer Library is a selective depository for United States Government Document Publications, and houses an expanding collection of federal and state documents. As stipulated in its mission in Kentucky public higher education, KSU is the major repository in Kentucky for the collection of books, records, and artifacts relative to the history and status of African American citizens of the Commonwealth and elsewhere. About 140,000 patrons visit the Blazer Library annually.

KSU is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools, and the University holds full membership in and/or accreditation from 53 state, regional, and national educational or professional organizations. KSU's academic programs are outstanding and are exemplified by the recent accreditation of the School of Business by the Association of Collegiate Business Schools and Programs (ACBSP). Few Schools of Business nationwide have received this prestigious accreditation.

Kentucky State offers the Applied Mathematics (pre-engineering) major, a five-year course of study in cooperation with four other universities. Students may choose the University of Kentucky, the University of Maryland at College Park, Vanderbilt University, or Florida A&M University for completion of the program. Students attend KSU for three years of study in the pre-engineering area and then transfer to the second institution for two additional years of work. Upon successful completion of the first year at the second institution, students are awarded the Bachelor of Science degree in Applied Mathematics by Kentucky State.

Students are awarded the bachelor of science degree in their selected fields of engineering by the second institution after the final year of study.

Kentucky State is one of only two Land Grant higher education institutions in the state and one of seventeen national 1890 Land Grant institutions mandated by the Second Morrill Act of 1890 to conduct research, extension, and teaching in the food and agricultural sciences. This mandate enables KSU to offer many opportunities for students interested in learning more about the food and agricultural sciences. The Land Grant Program is funded by the U.S. Department of Agriculture.

The only aquaculture research program in Kentucky is located at KSU. Under the tutelage of the institution's Land Grant program, aquaculture research is assuming an ever-increasing emphasis among Kentucky's farmers. To complement this research effort, the University has added to its curricula a master's degree and a minor area of concentration in aquaculture.

KSU established in 1992 a National Center for Diversity. This Center is a partnership of Cooperative Extension programs at Kentucky State, the University of Wisconsin, Pennsylvania State University, and the Extension Service of the U.S. Department of Agriculture. Through diversity training conducted at the Cooperative Extension program facility on the KSU campus and across the United States, the National Center for Diversity works to achieve its mission to enhance diversity and pluralism within the Cooperative Education System.

In 1993, the University founded a Center of Excellence for the Study of Kentucky African Americans (CESKAA). The unique mission of the Center is to serve as a cultural, research, and teaching resource to identify, collect, develop, research, preserve, and disseminate information and materials about the Kentucky African American, the African American, and the African heritage and experiences and their contributions to world civilization.

KSU's location in Frankfort, Kentucky's capital city, permits the University to offer unique and outstanding state government student internships that cannot be matched by any other Kentucky higher education institution. Participating students gain first-hand experience in government administration while earning from 3 to 12 academic semester credit hours. KSU also offers a supplementary internship program, in which pre-law students gain experience and earn academic credits as interns in the Office of the State Attorney General.

Kentucky State University's educational mission, though centered on degree programs that emphasize liberal studies, also places considerable importance on the University's public service commitments. State government training capabilities are under the auspices of the Governmental Services Center at Kentucky State University. Thousands of state government employees are drawn annually to the University's campus to attend workshops and seminars.

Kentucky State University is truly unique among the state's public universities. The University, now well into its second century of educational service to Kentucky and the

nation, continuously seeks to become an even more vital educational entity and to achieve excellence as a liberal studies institution that is second to none.

THE SETTING

ON THE HILL

Going to college is more than just going to class, and at Kentucky State University an important part of the student experience is the mix of activities, cultural events, and recreation that make up life on the campus upon a scenic hill overlooking Frankfort. Students have many opportunities to enjoy themselves outside the classroom. The calendar includes concerts and dances; swimming activities; talent shows; homecoming activities; intercollegiate football, baseball, softball, volleyball, and basketball games; and cross country, track and field, golf, and tennis competitions.

Intramural competition provides an outlet for many students. Among the men's, women's, and coed intramural activities are archery, badminton, basketball, bowling, softball, flag football, swimming, track, table tennis, tennis, and volleyball. In the local area, recreational opportunities include boating, water skiing, camping, cycling, fishing, golfing, hiking, horseback riding, jogging, and weight training, as well as the nearly limitless sightseeing that Kentucky's historic and scenic Bluegrass region offers. The University dedicated, during its May 1995 Commencement program, the William Exum Center, a nearly \$12,000,000, 123,000-square foot multipurpose facility to meet the present and future University needs for health, physical education, and recreation programs. Designed for University student use, the William Exum Center contains four multipurpose playing courts with electronic scoreboards and spectator areas in its Gymnasium; an eight-lane indoor swimming pool with an adjacent diving well; four racquetball courts equipped with injury-preventing "floating floors"; a fully equipped fitness center with aerobic machines and weight training equipment; a 2,000 square foot dance studio lined with mirrored walls and bars; a gymnastics area equipped with uneven bars, safety mats and belts; and a second level jogging track suspended above the gymnasium area.

Cultural experiences are considered an integral part of a liberal studies education. Numerous cultural events are scheduled throughout every academic year — many by the University and many by local organizations that

use campus facilities for events open to students as well as to the general public.

Bradford Hall has practice rooms and rehearsal halls available for instrumental and vocal ensembles. The Bradford Hall Auditorium and Little Theatre are available for concerts, lectures, and plays. Art and photography exhibitions attended by the public from Frankfort and the surrounding area as well as by University students, faculty, and staff are presented in Jackson Hall Gallery and Blazer Library.

Public figures spanning the spectrum of political and human endeavors appear often at Kentucky State University. In recent years, these figures have appeared at convocations or special events, and they have included among others, poet Gwendolyn Brooks; United States Senator William Proxmire; actress Cicely Tyson; author Alex Haley; American philosopher Mortimer Adler; UPI White House Correspondent Helen Thomas; former Ms. America Debbie Turner; Reverend Jessie Jackson; NAACP executive director Benjamin Hooks; journalist and former White House press secretary Jody Powell; historian David Brion Davis; comedian Sinbad; singers Marilyn McCoo and Billy Davis, Jr.; tennis star Arthur Ashe, Jr.; football star Roderick Hill; classics performer Frank E. Fowle III; professional football coach Dan Reeves; author Terri McMillan; Harvard Professor of Psychiatry Alvin Pouissant; neurochemist Ivan Mefford; poet John Ciardi; high school Principal Joe Clark; social commentator Tony Brown; jazz and classical musician David Baker; World Bank official Gretchen Handwerger; former Heavy Weight Champion of the World Muhammad Ali; former U.S. Secretary of Education Terrel H. Bell; former first lady Rosalyn Carter; author and Soviet defector Vladimir N. Sakharov; Pulitzer Prize-winning photojournalist Moneta Sleet, Jr.; Congresswoman Eleanor Holmes Norton; Olympic Gold Medalist Edwin Moses; Dr. Martin Luther King, Jr.'s daughter Dr. Bernice King; and social activist Bobby Seals. Most of the Frankfort Arts Foundation's annual presentations—which include symphonic concerts, ballets, play productions, and operas—take place on the Kentucky State University campus.

THE STATE CAPITAL: AN EXTENDED CAMPUS

Frankfort, the capital city of Kentucky and the home of Kentucky State University, lies on the western edge of the state's Bluegrass region. The city of 30,000, which is more than 200 years old, grew along the banks of the Kentucky River in a small valley bordered by limestone cliffs. Preservation of historic structures throughout the city adds to its picturesque quality. Easily accessible by major highways, Frankfort is within a short drive of Lexington, Louisville, and Cincinnati.

Frankfort's history is rich with familiar names and events. Daniel and Rebecca Boone are buried in a cemetery overlooking the city, just a few minutes' walk from the Kentucky State University campus. In the old Statehouse, Aaron Burr was brought before a grand jury on the charge of treason. The Military History Museum contains artifacts going back to the Revolutionary War and Civil War periods. Old houses at the Corner of Celebrities, located in the city's oldest residential neighborhood, have at different times been the residences of governors, supreme court judges, senators, and other noted statesmen. The Old Capitol Building is a finely restored example of Greek Revival architecture and the first public work by renowned architect Gideon Shryock. Its marble double-spiral staircase is a beautiful example of innovative design and superb craftsmanship.

The Orlando Brown House, also designed by Shryock, and Liberty Hall, built by statesman John Brown, served as meeting places for such famous

figures as Zachary Taylor, James Monroe, Andrew Jackson, and Theodore Roosevelt. These two houses, along with the Glen Willis House, provide the city with beautiful areas for public receptions and with formal gardens along the river.

Today, offices of state government, the University, and local organizations join together to provide the city with places and events of interest. Beautifully planted gardens at the new State Capitol and throughout the city establish pleasant and congenial surroundings. The Frankfort Arts Foundation brings nationally recognized talent to Frankfort for musical and theatrical productions. Art galleries show works by the widely known late local painter, Paul Sawyier, along with shows by other nationally and locally known artists. The Game Farm, established in 1944 by the State Department of Fish and Wildlife Resources, is only three miles from downtown Frankfort. In addition to its woods and lakes, which serve as rest and feeding areas for migratory birds, almost all of Kentucky's native animal species are in residence.

Frankfort is a diverse community that offers Kentucky State University students a variety of opportunities for recreation and personal growth. Students can choose to be a part of this community in a variety of ways. It offers access to a rich cultural and historical perspective while providing avenues for involvement in civic and community affairs.

THE LAND GRANT MISSION

Kentucky State University is one of eighteen 1890 Land Grant institutions that were mandated by the Morrill Act of 1890 to conduct research, extension, and teaching in the food and agricultural sciences. This fact enables Kentucky State University to offer many opportunities for students interested in learning more about the food and agricultural sciences.

COMMUNITY RESEARCH SERVICE

Research responsibilities are assumed at the University by the Community Research Service. Research programs are administered by the U.S. Department of Agriculture's Cooperative State Research Education and Extension Service.

The mission of Kentucky State's Community Research Service is to help resolve agricultural, economic, and social problems of the people of Kentucky, especially those people with limited resources living in rural and urban communities. Currently, research is being conducted in four broad areas: aquaculture and natural resources; human nutrition, health, and home economics; plant and soil science; and rural development. Scientists with diversified educational backgrounds as well as domestic and international experiences are involved in outstanding research, including projects in warm- and cold-water fish production, water quality, environmental toxicology, plant tissue culture, integrated pest management, horticulture, apiculture, and nutritional problems of the elderly.

The Atwood Agricultural Research Facility houses the principal laboratories and serves as the hub for program activities. Augmenting this facility are a research farm, greenhouses, and a fish hatchery/pond complex---all designed to test theoretical laboratory work under practical field conditions.

Students can participate in research projects as laboratory assistants, and may earn academic credit through cooperative education. Research partnerships with several state/federal agencies and private industries have enhanced agency-sponsored internship opportunities for students. KSU encourages the participation of minorities and international students.

High school juniors and seniors participate in the research program through the Research Extension Apprenticeship Program, which provides exposure to research and related career opportunities. An on-campus U.S. Department of Agriculture liaison is available to counsel students on national initiatives and career opportunities in the food and agricultural sciences. A scholarship is available to students interested in Agricultural Science.

An aquaculture curriculum has been developed to provide students classroom as well as experiential learning about fish farming (fish nutrition, water quality, and environmental management) and its potential for economic development in Kentucky. Details regarding the minor or master's degree in Aquaculture are available in the Graduate Programs section of this Catalogue.

COOPERATIVE EXTENSION PROGRAM

The Cooperative Extension System is a nation-wide network established by Congress to extend research-based knowledge and technology from the laboratory to the community. A joint effort between the U.S. Department of Agriculture, the land grant University system, and the counties in each state, Cooperative Extension is designed to provide grassroots, not-for-credit educational programs in agriculture and natural resources, home economics, community resource development, consumer sciences, and family and youth development.

Kentucky officially joined the partnership in 1916 and today has two land grant universities: Kentucky State University and the University of Kentucky. All land grant universities serve three primary functions: resident instruction, research, and public service.

Since 1972, Kentucky State University's Cooperative Extension Program has fulfilled the public service role by providing educational and technical assistance to limited-resource families and by meeting the needs of homemakers, farmers, youth, the elderly, and many others.

Some Extension programs provide one-on-one opportunities where paraprofessionals work directly with family members. One such program, the Family Development and Management Program, assisted limited-resource families in Kentucky in saving more than \$170,000 in household operations in a one-year period. Through another program, the Small and Part-time Farmer Program, farmers increased their income by an average of \$10,000 and improved their use of farm inputs. Nearly 500 farm families increased their knowledge of sustainable agriculture.

Other program initiatives (Family Financial Education, Child and Youth Development, Aquaculture, and Community Resource Development) help families make better use of community resources to lead healthier, happier lives.

To effectively reach its audience of limited-resource Kentucky residents, the Extension Program routinely seeks outside funding to augment its program resources. It has thus far obtained more than \$1,000,000 in outside funds to help farmers and families increase the quality of their lives and the efficiency and productivity of their economic enterprises.

Each program is developed to meet a need expressed at the local level and to help Kentuckians deal effectively with the tasks of everyday living. The payoff is evident in dollars saved, in more satisfying relationships, and in more attractive homes and communities.

Students at Kentucky State University can learn more about Cooperative Extension as a career choice through student work assignments, work-study, and

other student employment opportunities.

The Cooperative Extension Program is housed in a state-of-the-art office/meeting complex that greatly assists staff in carrying out the mission of the Extension System. Through the work opportunities listed above, students are able to receive educational instruction not only in the specific program areas of Extension, but in the broader areas of communications specialties. Incorporated into the Extension facility are the most modern technologies that enable the University to interact with diverse audiences while never leaving campus. Video, audio, and graphic technologies offer students the opportunity to receive educational experiences in the most current methods of individual and mass communications.

THE CENTER OF EXCELLENCE FOR THE STUDY OF KENTUCKY AFRICAN AMERICANS

Now in its tenth year, the Center of Excellence for the Study of Kentucky African Americans (CESKAA) was established, in accordance with the University mission, to serve as the primary vehicle for researching, collecting, preserving, and distributing information and materials about Kentucky African Americans and African heritage.

CESKAA exists as a repository and living community of memory to stress the diversity, richness, and complexity of both the University's history and heritage and that of Kentucky African Americans. Its programs of research and service are designed to enhance the liberal studies mission of the University.

Through public education, service and outreach, CESKAA plays an important role for the University, local community, and the state in shaping dialogue and policy regarding historical, social and heritage preservation projects across the Commonwealth. Some of its more popular programs are the annual *Many Cultures-One Art* quilt show, which draws visitors to the campus from across the country; research services utilized by scholars and teachers from around the nation and the world; and contributions to a series of documentaries on topics including the ESPN-produced *African American Jockeys - A Forgotten Legacy*, Kentucky Education Television documentaries on basketball, *Kentucky and the Underground Railroad Movement*, and *Civil Rights in Kentucky*.

CESKAA's African Art Collection, considered the best in the region, now consists of more than 200 artifacts used for the study of social and cultural history of various regions in Africa. Students and scholars across the Commonwealth take advantage of finding aids to the collections and images of the University's early history on the Kentucky Virtual Library Web site. In the spring of 2002, CESKAA launched one of its largest research endeavors to date, a Kentucky/Canada research trail with Afro-Canadian scholars. Research continues on Lexington's African Cemetery No. 2 Community Development Project, as well.

The Center is located in historic Jackson Hall, the first permanent building on the KSU campus. It maintains archival resources in Blazer Library and museum quality exhibits in the Jackson Hall Gallery. CESKAA exists so that researchers, scholars, teachers, students, and others interested in African American history, culture, social institutions, and public policy have a place to come and use materials about African Americans, ranging from agriculture and farm life to African American heritage sites and urban life.

In the broadest sense, CESKAA exists so that all the people of Kentucky can learn and be informed about the important contributions African American citizens make to the development of the Commonwealth, the nation, and the world.

ADMISSION TO THE UNIVERSITY

Requirements For Admission

Kentucky State University, an equal-opportunity educational institution, does not discriminate in its admissions policies on the basis of race, color, sex, creed, disability, age, or national origin. Preference is given to the admission of Kentucky residents at the undergraduate level. However, applications from out-of-state residents are accepted for all curricula.

Kentucky State University requires that all incoming freshmen provide scores from either the American College Test (ACT) or the Scholastic Aptitude Test (SAT-I). The ACT is preferable; however, either test will be accepted and the higher score will be used for admission. Scores on these tests are used for admission, and for placement in English, mathematics, and reading.

Admission standards are based on the quality of the high school grades as well as scores on either the American College Test (ACT) or the Scholastic Aptitude Test (SAT-I). Students must also have completed specific courses in their high school curriculum. See the Pre-College Curriculum later in this section.

All questions about requirements should be referred to the Office of Admissions at (502) 597-6813 or 1-800-325-1716 (out of state), 1-800-633-9415 (in state) or by faxing information to (502) 597-5814.

APPLICATION PROCEDURES FOR FRESHMAN ADMISSION

All freshmen applicants and freshman transfers must submit the following:

- a completed application with a \$17.00 fee (\$58.00 for international students),
- ACT or SAT-I scores,
- Official copy of the high school transcript. Applicants who are not high school graduates must supply a copy of the General Education Development Test (GED) scores in lieu of a high school transcript.
- For Freshman transfers, an official copy of transcript(s) of all college work completed.

Send all documents and applications to:
Office of Admissions
Kentucky State University
400 East Main Street
Frankfort, Kentucky 40601

Application Forms.

Application forms for admission to any undergraduate program are available at the Office of Admissions, Kentucky State University, 400 East Main Street, Frankfort, Kentucky 40601. Application forms are also available on the KSU Web site (www.kysu.edu). Applications for graduate school must be made to the graduate schools directly.

Responses on the application forms and on related materials must be complete and accurate; entrance may be denied or registration canceled as a result of false or misleading statements.

Application Fee.

The required application fee is neither refundable nor applicable to other fees.

Transcripts.

Official transcripts should be sent directly to the Office of Admissions by the school/college via the U.S. Postal Service, Federal Express, United Parcel Service, or electronically transmitted directly from the institution. No hand-delivered copies, unless in a sealed envelope by the sending institution, will be accepted as official.

Academic Scholarship Consideration.

High school students who wish to be considered for University Academic Scholarships must

- C apply for admission by December 1 of their senior year (and have all required application documents
- C have a score of 18 or higher on the ACT, or 890 or higher on the SAT-I, and a high school grade-point average of 3.00 or higher, calculated on a 4.00 scale.

Financial Aid application.

To apply for financial aid or scholarships, complete the Free Application for Federal Student Aid (FAFSA). The application is available free through your high school guidance counselor's office or KSU's Student Financial Aid Office, (502) 597-5960.

ACADEMIC CRITERIA

Early Admission.

Students of high academic promise may be admitted directly from the eleventh grade without a diploma. The basic requirements for early admission include:

- C Completed admission documents which include evidence of completion of the 11th grade
- C A letter from the high school principal assessing the applicant's emotional and social maturity and readiness for college.

- C Superior competence and preparation, evidenced by the high school record and college aptitude test scores.

Freshman Admission.

Favorable consideration for admission will be given to accredited secondary school graduates whose college aptitude test scores and high school grades give promise of success in college. Secondary school students planning to apply for admission to KSU should emphasize the following school courses: English, mathematics, history, and science. They must also meet the University general admission requirements.

Admissions Index.

The admissions index was established to quantify an assessment of a student's high school activities and ACT assessment. The admissions index is a numerical score calculated by multiplying the ACT by 10, the grade-point average by 100, and by adding the two sums. The equation is as follows: $ACT \times 10 + GPA \times 100 = \text{index}$. SAT I verbal and math scores are converted to ACT composite scores for use in the admissions index according to a table of equivalencies developed by the Kentucky Council on Postsecondary Education (www.cpe.state.ky.us).

Unconditional Admission for First-Time Freshmen.

Kentucky State University requires students to meet an admission index of 430 in order to be admitted unconditionally to the University.

Conditional Admission for First-time Freshmen.

Students with an admission index below 430 shall be granted conditional admission to the University. A condition of the admission is the successful removal of all PCC deficiencies within the first thirty (30) semester credit hours of course work.

Denied Admission - Appeal Process.

Applicants who are denied admission to the University for any reason will receive written notice of such denial. Students wishing to challenge the admission decision may make a written appeal which must include two letters of recommendation/support for the appeal. The letters of recommendation should be from a high school teacher or guidance counselor. All appeals letters should be sent to the University Admissions and Recruitment Committee c/o Office of Admissions, Kentucky State University, 400 East Main Street, 312 ASB, Frankfort, KY 40601, USA.

PRE-COLLEGE CURRICULUM (PCC)

The Pre-College Curriculum (PCC) is a core of high school courses required for all Kentucky resident students entering a public institution of higher learning in the Commonwealth of Kentucky as mandated by the Council on Postsecondary Education. Students who have not taken or completed PCC classes while in high school must fulfill these requirements during the first 30 credit hours at Kentucky State University. Failure to complete these requirements will result in the student being suspended from the University. The PCC classes are:

English (4 units): English I, II, III, and IV
Or AP English

Mathematics (3 units): Algebra I, Algebra II
and Geometry

Science (3 units, at least one shall be a laboratory course)
Physical science, Life science, or
Earth and space science

Social studies (3 units from the following)
United States history, Economics, Government,
World geography, World civilization

Health education ($\frac{1}{2}$ unit)

Physical education ($\frac{1}{2}$ unit)

History and appreciation of visual and performing arts (1 unit)

(Note: Beginning fall 2004, two (2) units of the same foreign language will be added to the PCC requirements.)

Except for English and mathematics deficiencies, the introductory KSU college-level courses in the various required content areas will meet the required PCC courses. English and mathematics deficiencies will be met by the following courses:

English	ENG 099
Mathematics	MAT 095 or 099

(Courses which remedy the PCC deficiencies are subject to change.)

Students will not be permitted to take additional courses until all deficiencies are removed with a grade of "C" or above. Courses numbered below 100, e.g. MAT 099, will not count toward degree requirements.

The following students are not required to have the PCC requirements:

- C Associate degree seeking students
- C International students
- C Nonresident students
- C Students entering baccalaureate-degree status with twenty-four (24) or more semester credit hours applicable to a baccalaureate degree with a GPA of at least 2.00 on a 4.00 scale
- C Students enrolled in a community or technical college or a community college type program
- C Active duty military personnel, their spouses and dependents
- C Students who have reached their 21st birthday before the beginning of the semester or term

Advanced Standing and Credit.

Prospective students are advised to request from the Testing Office at Kentucky State University information on the Advanced Placement Program.

Entering students with superior preparation or with competence in a specific area may qualify for advanced placement or credit. Placement or credit may be granted on the basis of Advanced Placement Examination (AP Exams) of the College Board, International Baccalaureate scores, College Level Examination Program (CLEP), General and Subject examinations, and other evidence of experience and competence.

Students transferring to Kentucky State University who have received advanced placement credits from another institution may be awarded these credits insofar as Kentucky State's requirements for awarding such credits are met. Advanced placement credits may not be substituted for residency requirements.

Admission of Transfer Students.

The transfer student must submit the following additional documents for admission consideration:

- C Transcripts of all college work attempted
- C A letter of good standing from the registrar of the institution last attended (if student was suspended or dismissed from the last institution attended)
- C A letter of recommendation from the Dean of Students or the Vice President of Student Affairs verifying a satisfactory citizenship record (may be faxed to the Admissions Office)

All transfer students who have completed 24 or more semester hours of college work must have earned a cumulative GPA of 2.00. The transfer student is not at liberty to disregard any part of his/her previous college or university records. Failure to report enrollment at another institution may result in dismissal and/or loss of credits earned at KSU. In the event of academic suspension/dismissal from any institution previously attended or currently being attended, an applicant must provide a letter of good standing from the last institution attended. Transfer applicants who were not eligible for admission to Kentucky State University when they

graduated from high school must present a minimum of 24 semester hours of college credit.

Placement examinations may be required of applicants transferring into Kentucky State University before registering for classes.

Admission of Transient/Visiting Students (Non-Degree Candidates).

A student in good standing in an accredited college may be admitted to the University as a Transient/Visiting student. To be eligible for consideration, an applicant must submit an application, a letter of good standing, and a \$17.00 application fee (\$58.00 for international applications).

Transient status does not constitute admission or matriculation as a degree candidate. The transient is, however, subject to the same fees and regulations as a regular student except for the continuation-in-residence requirements.

Admission of International Students.

The University welcomes admission inquiries from international students. International students should have complete admission applications on file three months before the beginning of the term (summer/semester) in which they intend to enroll.

The international student must submit the following:

- C An application for admission with a \$58.00 (nonrefundable) payment
- C A Test of English as a Foreign Language (TOEFL) score of 525 or better (or 173 on the computer-based exam)
- C Official transcripts in English with translation certified
- C Demonstration, via a Declaration and Certification of Finances form and an affidavit of support, that sufficient funds are available to finance the planned course of study without causing undue hardship on the student
- C Official ACT or SAT scores sent to school code to Kentucky State University

NOTE: Nigerian students must submit the WASC (West African School Certificate) or the GCE (General Certificate of Education) Ordinary Level and Advance Level Certificates.

Upon receipt of the official letter of acceptance, a confirmation deposit of \$3,500 (US) must be sent to the Office of Admissions before KSU will send an Immigration Form (I-20) (excluding Canadians). A student may use a maximum of 65% of the \$3,500 deposit to pay the first semester's tuition and fees. The balance will remain on account until the student graduates or withdraws from Kentucky State University. Students are required to pay in full tuition and fees for all subsequent semesters.

Non-English transcripts and certificates must be accompanied by an accredited evaluation and translation. This evaluation does not guarantee admission to Kentucky State University or acceptance of credits. The

international student must submit evidence that he/she has sufficient funds to meet college expenses. For information about scholarships and financial aid, contact the Financial Aid Office.

International Transfer Students

In addition to requirements for international student admission to KSU, an International Student Transfer Form must be completed by the non-immigrant student who now resides in the United States. The form (available online) must be submitted directly to the Office of Global Education and Programs. The applicant will not be issued a Form I-20 from KSU until this form is completed and returned with the documents requested.

Readmission.

Students who have previously attended Kentucky State University and who wish to re-enter must secure readmission from the Registrar's Office. The student who attended another institution for one semester must have earned an overall average of C or better since last attending Kentucky State to be eligible to re-enter KSU. He/she must supply the Registrar's Office with a transcript from the institution attended.

Home-Schooled Students

A student with a home school diploma must submit the following in lieu of a high school transcript:

- C A notarized statement from the home school teacher detailing the content of the student's home school curriculum and the duration of such, and
- C A copy of the student's home school diploma.

Senior Citizens.

Kentucky residents, age 65 or older may complete the application, be admitted to the University and have all tuition and fees waived. The University may limit the enrollment of these students if classes are filled or if their admission necessitates additional classes.

Graduate Programs.

Admission to graduate standing is granted by the Graduate Programs only. Please contact the School of Public Administration or the College of Arts and Sciences for admission criteria.

Health Examination and Immunizations.

Each applicant should complete the health form provided with the application package and return it to University Student Health Services at least three weeks before registering to attend classes at the University.

STUDENT CLASSIFICATIONS

Kentucky Resident: A student who is a resident of Kentucky or whose parent(s) is(are) a resident(s) of Kentucky is considered a resident of the state. If a Kentucky resident graduated from an out-of-state high school, proof of residency must be submitted in order to

avoid out-of-state tuition. Submission of a residency affidavit may be required to show proof. (See Residency subsection under the Student Expenses section).

Non-resident: A student who is not a resident of or whose parent(s) is(are) not a resident(s) of Kentucky is considered a non-resident.

International: A student who is not a citizen or permanent resident of the United States is considered an international student.

Non-Degree Student: A student not seeking a degree from Kentucky State University is considered a non-degree student. This may include transient/visiting students, early admission (high school) students, senior citizens, post-baccalaureate students without degree intentions, and students pursuing additional undergraduate course work for teacher certification.

First-Time Freshman: A student with no prior college experience is considered a first-time freshman.

Freshman Transfer: A student transferring less than 24 semester credit hours to KSU is considered a freshman transfer.

Transfer: A student transferring 24 or more semester credit hours to KSU is considered a transfer student.

LIBERAL STUDIES AND THE UNIVERSITY

Kentucky State University is the Commonwealth's unique public liberal studies institution.

Liberal studies comprise the traditional subjects of the arts and sciences, such as mathematics, poetry, history, politics, literature, languages, fine arts, philosophy, psychology, chemistry, and economics.

Subject matter alone, however, exhausts neither the meaning of liberal studies nor of a liberal studies education. A liberal studies education and preparation for a career or a profession are obviously not mutually exclusive. Whether one is a pre-engineering or an English major, a pre-medical or pre-law student, a computer science student or someone interested in a career in teacher education or business management, Kentucky State University best serves those students, who, regardless of their long-range goals, seek to think for themselves. Such students are those who wish to think clearly, to argue persuasively, to write with clarity and liveliness, and to gain both a cultural and historical perspective on the human experience as well as an in-depth knowledge in at least one area of human thought. Liberal studies spark curiosity and broaden vision. Liberal studies education provides the tools by which people come to understand the world, one another, and themselves.

In short, liberal studies develops independent and critical thinking. More critical than the development of specialized skills, the development of independent thinking is the foundation for personal growth. The possession of specific skills, however important they

may be, is insufficient if one is unable to confront life changes with resourcefulness and clarity of thought. Job skills change with the passing of time and the shifting demands of industry; however, the ability to think for oneself is the governing resource of truly educated individuals.

In a 1983 speech at Kentucky State University, Edwin Delattre, then president of St. John's College, spoke of the power of liberal education in these words:

Minds can be shackled by laws against education, by parental indifference, by propaganda, by distinction, and in a thousand other ways. Worst of all, people can enslave, enshackle, victimize their own minds, without any help from anyone else. It happens all the time, and you can see the marks, the wounds and scars, of these shackles every day, everywhere, if you know what to look for. It is often very hard, though, to see or feel these shackles inside oneself.

Liberal education—liberating education—is the kind which ferrets out these shackles, seeks to open them where they exist, and prevent them where they do not.

Education of this sort must be earned, because it comes with persistence and effort. Ultimately, liberal studies requires the courage to follow a question persistently and resourcefully wherever it might lead. At Kentucky State University, education is the daily pursuit of intellectual and moral maturity by students, faculty, and staff.

THE ACADEMIC PROGRAM

Kentucky State University serves many ends and many needs, but the true test of an institution's quality is whether its graduates have learned to think for themselves. St. Augustine paid his education the compliment of saying that, as a result of it, he could read anything that was written, understand anything that he heard, and say anything he thought. There can be no higher praise.

Every baccalaureate degree program at the University is designed to provide students with a sound liberal studies education and the more specialized skills that derive from disciplined study of individual subject matter. Together, the University's Liberal Studies Requirements and specific academic degree requirements provide each student with an education earning for itself the praise that St. Augustine paid to his own education.

PLACEMENT TESTS AND REMEDIATION

Students admitted to Kentucky State University as beginning freshmen or transfer students may be required to take placement tests to ensure appropriate placement in mathematics courses. Initial math placement is based on ACT/SAT scores. If a student scores below 19 on the Math section of the ACT or 460 on the SAT, the in house math placement test is administered. (This in house assessment may only be taken once.) Initial placement in English courses is based on ACT composite scores and subscores (or comparable SAT scores).

English Placement based on ACT/SAT Subscores:

ACT Reading Composite	
score of 15 or below	ENG 088
ACT English Composite	
score of 16-18	ENG 099 and ENG 103
ACT Reading Composite	
score of 16-18	ENG 103
ACT English Composite	
above a score of 18	ENG 101
SAT Verbal score	
of 350 and below	ENG 088 and ENG 089
SAT Verbal score	
of 351-399	ENG 099 and ENG 103
SAT Verbal score	
above 400	ENG 101

NOTE: Scores subject to change.

Students may appeal to the Division of Literature, Languages and Philosophy for placement in English classes. A music placement test is required of all entering music majors. Foreign language proficiency examinations are available to those who seek advanced placement in or exemption from the foreign language requirements.

UNIVERSITY ORIENTATION

University Orientation (UNV 101) is a course designed to prepare students for the transition to university academic rigors and university life. It includes learning skills to succeed in the academic and social environments at the University.

Degree-seeking students entering the University will be required to take University Orientation (UNV 101) if:

- C they lack one or more PCC requirement;
- C they have received a grade of less than C in any PCC requirement;
- C they enter with 24 semester credit hours or less and a high school cumulative grade point average less than 2.5 on a 4 point scale;
- C they have been placed in ENG 088, ENG 089, ENG 099, MAT 095, or MAT 099 based on ACT/SAT or departmental exam scores.

Military personnel, students who have reached their 21st birthday before the beginning of the semester, associate degree seeking students, and international students are exempted from taking UNV 101.

UNIVERSITY REQUIREMENTS

Each student who enters Kentucky State University with the intention to earn a baccalaureate degree must satisfy the Liberal Studies Requirements. Liberal studies courses serve as a foundation for many other courses. Therefore, students are strongly encouraged to complete these courses in accordance with the appropriate curriculum ladder. In addition to the requirements of the student's major field of study, Liberal Studies Requirements constitute a carefully designed program of 53 semester credit hours of courses to be selected from the various academic offerings of the University. An important feature of these requirements is the sequence of Integrative Studies courses. Details of the Integrative Studies program may be found in the section of this Catalogue describing the Whitney M. Young, Jr. College of Leadership Studies. A number of electives are included in the Liberal Studies Requirements, and students are encouraged to consider carefully the alternatives available to them.

The course of studies in the first two years of the Whitney M. Young, Jr. College of Leadership Studies (48 semester credit hours) provides an alternate and brief way of fulfilling all of the University's Liberal Studies Requirements. Math and science majors complete only the seminars and language tutorials; courses from the College of Arts and Sciences fulfill the math/science component of the core. (Students who pursue this option must still meet the minimum number of hours required in a major for graduation.) Students transferring in courses as substitutes or equivalents

must have the approval of the Office of the Registrar. (Major core transfer courses are approved in the major departments.)

Certain Liberal Studies Requirements may also be fulfilled through the University's testing programs or other testing programs. For a listing of courses and the tests through which semester credit hours may be earned, see the catalogue section on Credit by Examination/Certification and Credit for Life Experience.

LIBERAL STUDIES REQUIREMENTS

Note: All students need to consult their degree requirements for variances to these Liberal Studies requirements.

I. Languages and Reasoning

ENG 101—English Composition and Rhetoric I	3
ENG 102—English Composition and Rhetoric II	3
SPE 103—Interpersonal Communication	3
MAT 111—Contemporary Mathematics or above	3
*Foreign Language	<u>6</u>
TOTAL:	18

*The University requires a proficiency level in a foreign language equal to that which the student would have achieved after taking two semesters of language at the 101/102 levels. Students who have completed language training at the high school level may satisfy all or part of the foreign language requirement through the Advanced Placement Program (described elsewhere in this Catalogue) or through the College Level Examination Program (CLEP) (see Catalogue section, Division of Literature, Languages, and Philosophy, for more information).

II. Fine Arts, Letters, History, and Integrative Studies

ART 130—Introduction to Art OR	
MUS 130—Introduction to Music	3
ENG 211—Introduction to Literature	3
HIS 103—Western Civilization	3
*Integrative Studies	
IGS 200—The Foundations of Cultures	3
IGS 201—The Convergence of Cultures	3
IGS 300—Search for New Forms of Culture	3
IGS 301—Studies in African Cultures OR	
IGS 302—Studies in Asian Cultures OR	
IGS 303—Studies in Latin American Cultures OR	
IGS 304—The African-American Experience	<u>3</u>
TOTAL:	21

*Up to 15 semester credit hours of Integrative Studies may be elected by a student or required for a major.

III. Sciences

- A. Behavioral (select one):
- | | |
|---------------------------------|---|
| PSY 200—General Psychology OR | |
| SOC 203—Principles of Sociology | 3 |
- B. Social (select one):
- | | |
|--------------------------------|--|
| ECO 200—Survey of Economics OR | |
|--------------------------------|--|

POS 101—American Government	3
C. Natural:	
BIO 101—Life Science	3
(select one):	
BIO 112—Exploration of Modern Topics in Biology OR	
PHY 111—Introduction to Physics I OR	
PHS 201—Physical Sciences I OR	
PHS 202—Physical Sciences II	<u>3</u>

TOTAL: 12

IV. Health Education

(select one):	
HED 221—Personal Health and Lifetime Fitness OR	
PHE Physical Education activity course(s)	<u>2</u>
TOTAL:	2

TOTAL HOURS: 53

LIBERAL STUDIES REQUIREMENTS - Whitney

Young College Honors Program

I. Languages

WYC 111—Language I Greek & English OR	
WYC 115—Language I Latin & English	4
WYC 112—Language II Greek & English OR	
WYC 116—Language II Latin & English	<u>4</u>
TOTAL:	8

II. Liberal Studies Seminars

WYC 101—Liberal Studies Seminar I	4
WYC 102—Liberal Studies Seminar II	4
WYC 201—Liberal Studies Seminar III	4
WYC 202—Liberal Studies Seminar IV	<u>4</u>
TOTAL:	16

WYC 211—Language III British Literature	4
WYC 212—Language IV Modern Literature in English	<u>4</u>
TOTAL:	8

III. Math-Sciences

WYC 121—Math-Science I	4
WYC 122—Math-Science II	4
WYC 221—Math-Science III	4
WYC 222—Math-Science IV	<u>4</u>
TOTAL:	16

TOTAL HOURS: 48

NOTE: See WYC course descriptions for specific content.

CLASS SCHEDULING POLICY

Kentucky State University follows a comprehensive plan that governs the offering of courses on a long-term basis. The University's Nine-Semester Schedule of Courses permits students and their advisors to develop an effective plan which identifies when required and

elective courses may be taken. In general, all upper-division courses (elective or required), necessary to complete undergraduate degree requirements for a program, shall be offered at least once every two academic years.

PRE-PROFESSIONAL PROGRAMS

Kentucky State University offers preparatory programs for students intending to enter the fields of medicine, dentistry, law, engineering, optometry, pharmacy, veterinary medicine, community health, cytotechnology, clinical laboratory sciences, nuclear medicine technology, and physical therapy. Most of these programs are housed in various divisions of the College of Arts and Sciences and in the Whitney Young College. The requirements for a pre-law curriculum can be fulfilled by a strong major, such as English or Political Science, which are housed in the College of Arts and Sciences, or Liberal Studies pre-law option, which is housed in the Whitney Young College.

In addition to preparing students for entrance into the professional schools of their choice, Kentucky residents attending Kentucky State University and meeting certain requirements, will be eligible for three percent of the openings annually at Kentucky's publicly-supported law, medical, and dental schools. Students interested in any of the above professional areas should contact the University's pre-professional program advisors through the College of Arts and Sciences. Information regarding veterinary medicine may be found in the section of this Catalogue describing the Division of Mathematics and Sciences.

COOPERATIVE EDUCATION PROGRAM

Cooperative education at Kentucky State University is an academic program incorporating alternating and parallel periods of employment and classroom study. This educational process is a joint or cooperative effort on the part of the Cooperative Education Office, the faculty instructing the student, and the employer furnishing opportunities for practical applications of the student's class work. Students are limited to a maximum of twelve hours in cooperative education courses for their academic career at KSU.

Cooperative education helps the student bridge the gap between the classroom and the workplace, and it allows the student to observe and participate in practical applications of coursework. Cooperative education enables students to be more valuable contributors upon returning to the classroom; they gain self-confidence and become more involved in the educational process. Full-time employment is of significant financial benefit to the student and is valuable in adding to the student's credentials for employment. Upon graduation, the co-op student has a decided edge in competing for professional positions.

The University believes that supervised work experience is worth college credit; therefore, upon

successful completion of each semester of work experience, semester credit hours are awarded. Cooperative education courses will not be substituted for mandatory classes in the student's major.

The Cooperative Education Program seeks to meet the needs of students in most academic disciplines offered at Kentucky State University. Therefore, the program is offered to all students after the completion of one full academic year of coursework (30 semester credit hours minimum). Participating students are expected to be in good standing with the University and have a cumulative grade-point average of 2.0 or better. Students may earn no more than twelve (12) semester credit hours in Cooperative Education courses (including both associate and baccalaureate degrees) during their tenure at KSU. In order to register for Cooperative Education credit, students must submit an application to the Office of Cooperative Education in advance of the term (summer session/semester) during which they wish to co-op.

It is recommended that each student take the time to visit the Cooperative Education Office and meet with staff to discuss available opportunities.

INDEPENDENT STUDY

A student may take a course as an Independent Study if special circumstances warrant. A student will be allowed to pursue an Independent Study only with a proven record of academic achievement. An independent Study shall be used only in cases of unavoidable course conflict.

FOREIGN STUDY

Kentucky State University offers opportunities for foreign study to qualified students. Students may take advantage of programs allowing them to pursue their major at prestigious universities in other countries. As a member of the Cooperative Center for Study in Britain, the University offers the following: a summer term, a junior year abroad, and a fall semester in Oxford. In addition, a December-January interim program is available at King's College of the University of London. Opportunities for study may also be available in several other foreign locations, including Italy, Mexico, Puerto Rico, South America, and Scandinavia.

To qualify, students must have a 3.0 cumulative grade-point average, and must fulfill the foreign language portion of the University's Liberal Studies Requirements. With the aid of an advisor, the student will design a program of study that will then be reviewed by the Office of Academic Affairs and, upon approval, submitted to the Office of the President. Additional information on Study Abroad Programs is available at the Office of Academic Affairs.

STUDENT EXCHANGE

Participation in an exchange program increases a student's access to a variety of educational programs

and experiences. Such programs permit students to take courses, meet other students, and study under professors not available to them in their home institution. Taking part in an exchange program can be an intellectually and culturally enriching experience. Students interested in participating in an exchange program should contact the Office of Academic Affairs.

THE UNIVERSITY LIBRARY

Learning to organize and carry out independent research is an integral part of a university liberal studies education. The Paul G. Blazer Library, located at the northeast end of the campus, provides comprehensive and current research materials and facilities for students and faculty. The university community is also encouraged to use Blazer Library for personal enrichment and leisure reading.

Blazer Library's collection of more than 600,000 volumes includes materials such as books, microforms, cartographic materials, films and other audiovisual materials, and machine-readable materials to aid students in their coursework and research.

As a member of the Kentucky Commonwealth Virtual Library (<http://kysu.kcvl.org>), Blazer Library has access to more than forty databases including these: Academic Search Elite, Health Source Plus, Newspaper Source, Books in Print with Reviews, and PsycINFO, as well as FirstSearch, which provides access to over fifty databases on various subjects. In addition, the Library has access to SIRS Researcher, African American Biographical Database, Reference Center Gold, Ethnic Newswatch, Academic ASAP, and General Business File ASAP through the Internet.

Like all other state supported academic institutions in Kentucky, Blazer Library uses Voyager by Endeavor as its library management system. Anyone with Web access can search Blazer Library's catalog at <http://kysu.kcvl.org>. The Library has twenty computers for public use. From the Library's homepage, users can access Internet resources, electronic databases, catalogs from other libraries, as well as order materials via interlibrary loan.

Inter-library Loan is a service provided by the Reference Department of Blazer Library to the faculty, staff, and students engaged in research at Kentucky State University. Conditions of this service are set by the Inter-library Loan Code of the American Library Association and by regulations of the individual lending libraries. Every effort will be made to obtain items free of charge. Frequently, however, materials can be obtained only from institutions that charge an inter-library loan fee. When submitting an ILL request, patrons should state the maximum charges they are willing to accept. Printed inter-library loan request forms are located at the reference desk. An electronic form may be found on the library's homepage.

Blazer Library is a selective depository for United States Government Document Publications. The library

has an expanding collection of books, periodicals, microfilm, maps, posters, CD-ROMs and videos published by federal government agencies. There is a growing collection of state documents as well.

The second floor of the library houses the Special Collections and the University Archives, which contain rare and historical documents and publications relating to African American culture and history as well as University archival materials.

The Curriculum and Instructional Technology Center (CITC), located on the ground floor, provides students with audiovisual equipment and various types of educational and curricular material and professional resources for teaching grades pre-school through 12. The Center's satellite, equipped with both Ku and C bands, provides access to national teleconferences and educational programming.

Professional librarians and support personnel are available to assist students in using the library's resources and facilities. Library information may be obtained by request from library staff or by consulting the *Library Handbook*, which is available at service desks throughout the library. Special library tours or individualized library instruction may be scheduled by contacting the Library Office.

VETERANS' EDUCATIONAL BENEFITS

Students who wish to avail themselves of veterans' educational benefits while attending Kentucky State University should first contact the Department of Veterans Affairs Regional Office, P.O. Box 66830, St. Louis, MO, 63166-6830 to confirm their eligibility. All eligible veterans and their dependents who have been admitted to a degree-granting program within the University should contact the Veterans Administration certifying official on campus in the Office of the Registrar, Room 323, Academic Services Building. Students who have already applied for federal or state benefit programs should bring their certificates showing entitlement and/or eligibility. Students should be aware that the processing time for benefit checks is a minimum of five to eight weeks once Veterans Administration receives their certifications. Therefore, students should be prepared to pay for their initial tuition and textbook expenses until the benefit checks arrive. It is the student's responsibility to notify the campus certifying official of any changes in his or her schedule during any given semester for which he or she is receiving educational benefits. Failure to do so may result in an overpayment, and the student may be charged with a debt to the United States Government.

MILITARY SCIENCE PROGRAM ARMY ROTC

Kentucky State University has entered into a partnership agreement with the Army Reserve Officers Training Corps (ROTC) program at the University of Kentucky. Currently only AMS 102 and AMS 103 are

offered on the KSU campus; all other Military Science classes are taught at the University of Kentucky, Lexington, Kentucky. Students who wish to participate in the ROTC program receive ROTC scholarship assistance, become commissioned as second lieutenants in the United States Army, and may attend the Military Science program at the University of Kentucky through this partnership agreement. Participating students must provide their own transportation to the University of Kentucky for Military Science classes that are not taught on the KSU campus as well as other ROTC activities.

The Military Science Program is open to both men and women and follows a general military science curriculum. Three- and two-year ROTC scholarships are available on an equally competitive basis to qualified freshmen and sophomores. These scholarships pay all tuition and required fees up to \$8,000 or 80% of the combined total of tuition and required fees for costs over \$8,000. The scholarship students also receive a \$100 monthly stipend. A military obligation is incurred in exchange for the scholarship funds. Minimum courses required and credit hours for each are listed in the course description section of this Catalogue under the Army Military Studies (AMS) course prefix.

Students interested in the Army ROTC Program should contact the KSU ROTC office in the Academic Services Building or write to the Professor of Military Science, University of Kentucky, Lexington, KY 40506 for further information.

AIR FORCE ROTC

Kentucky State University, in cooperation with the Air Force Reserve Officers Training Corps (Air Force ROTC) detachment at the University of Kentucky, offers a two-, three-, or four-year Air Force ROTC program. These programs allow qualified students an opportunity to earn commissions as officers in active duty in the U.S. Air Force while completing the requirement for a degree in their chosen field. The Air Force ROTC courses are offered on the campus of the University of Kentucky. Students are responsible for their own transportation. Students attend classes at the University of Kentucky (UK) while enrolling for all other courses at Kentucky State University. Interested students should contact the AFROTC office at UK at (606) 257-7115 for enrollment information.

Upon graduation from KSU and completion of either the two-, three-, or four-year Air Force ROTC program, students are commissioned as active duty second lieutenants in the United States Air Force.

Scholarships are available to qualified students who enroll in the Air Force ROTC program. These scholarships provide full payment of tuition, laboratory fees, an allowance for books, and a tax-free monthly subsistence allowance.

ACADEMIC TRANSCRIPT REQUESTS

The Office of the Registrar processes all transcript requests. Students requiring a record of their academic coursework (transcript) at Kentucky State University may request the information by contacting the Office of the Registrar. The cost for transcripts is \$3.00 for overnight processing or \$6.00 for same-day processing. This request may be made in person; by fax to (502) 597-6239. (Faxed requests must include credit card information for payment.), or by mailing the request with a money order to: Transcripts, Office of the Registrar, ASB 323, Kentucky State University, 400 East Main Street, Frankfort, KY 40601. The requests should include the following information: social security number, current mailing address, dates of attendance, degree received, and applicant's name as it was recorded when in attendance. Kentucky State University does not take telephone requests for transcripts.

KENTUCKY STATE UNIVERSITY STUDENTS AS VISITORS AT OTHER INSTITUTIONS

KSU students may earn a limited amount of credit toward an associate or baccalaureate degree at another college or university provided that the student earns a "C" or better, has prior approval from his/her advisor, dean, and the Registrar, and provided the other institution is fully accredited and the coursework meets the University specifications for credit acceptance. (See Academic Regulations and Policies Section on Residency Requirements for Graduation.) **Courses not approved in advance of enrollment at another institution will not be accepted.** The student should consult with an advisor or dean and complete a "KSU Student Visiting Another Institution" form from the Office of the Registrar before enrolling at another institution. It is the **student's responsibility** to arrange for official transcripts of transfer work to be sent to the Office of the Registrar at KSU at the end of the term in which the student attended the other institution. Students must be in good academic standing with a GPA of 2.0 or better; freshmen may have a GPA of 1.7 or better.

ACADEMIC SUPPORT SERVICES

The Communication Skills Center (CSC) is a key academic support unit that provides students with personalized, supplemental instruction in writing, reading, study strategies, and time management. The staff also offers assistance in using individual learning styles and improving note-taking and test-taking skills. All students may take advantage of these free services while enrolled at the University. The CSC is staffed by Instructional Counselors who are professionals with degrees in English or related areas. The Center also employs highly qualified peer tutors who model positive attitudes, values, and skills while helping students to become actively involved in their learning. For more

information, please visit the Center in Hathaway Hall 101, see our Web site, or call (502) 597-6680.

The Peers Empowering Peers Program (PEP) is an academic support service providing free tutoring assistance to all KSU students in the academic areas of mathematics, science, and foreign language. Highly qualified, knowledgeable peer tutors staff the PEP lab. The tutors must maintain minimum grade requirements while working as a peer tutor and are trained in proven tutoring strategies in order to best serve out KSU student body. Tutoring sessions are available Monday through Saturday but do not require appointments. Hours of specific subject availability are posted in the PEP lab located in Hathaway Hall 102. Call (502) 597-6217 with any questions.

COMPUTING OPPORTUNITIES

Kentucky State University is committed to establishing and maintaining a communications and information system which will provide students, faculty, staff, and administrators with sufficient computing resources to achieve learning, instructional, and administrative goals. The University recognizes the increasing role of computers in all disciplines today, and seeks to meet the challenge of providing an environment in which students can utilize computers as tools in any field of study. The University has established a campus-wide fiber-optic network of desktop computers.

The central computing facility is located on the third floor of the Academic Services Building. The facility houses two 9221 mainframe computers; one is dedicated to administrative computing, and one is dedicated to academic computing. Two systems are available on the academic mainframe computer:

- C The University's automated library system.
- C Computer language compilers such as ASSEMBLER, COBOL, and RPG.

The central computing facility is also the hub for all campus network activity. A faculty/staff computer lab exists for administrative support as well as for evaluating and testing new software and hardware technologies. Training is also conducted in this lab for all faculty and staff.

Desktop computers have become an integral part of required courses for many of the University's degree programs. Many degree programs have established departmental computer labs to provide practical computer experience beyond the classroom. Programs such as business, public affairs, computer sciences, behavioral and social sciences, education, nursing, applied human sciences, and English have computer laboratories for teaching-related applications. Industrial Technology has a computer laboratory to support computer-aided drafting and experimental robotics.

There are student labs on campus available to students in any academic program. The computer lab is designed to help students with their homework and class preparation. Students can use word processing,

spreadsheet, and database software to complete homework assignments. There is also a computer lab in the Communication Skills Center. Additional desktop computers are located in the residence halls and are available on a 24-hour basis for students residing on campus.

Through its campus network Kentucky State University provides access to the Internet for both faculty and students. The University also provides electronic communication through the use of E-mail for messages both on and off campus.

Kentucky State University has installed a state-of-the-art video broadcast system for use with classroom instruction. The University also has two telecommunications conference rooms equipped with satellite up-link and down-link capabilities. These conference rooms are used for video conferences and distance learning.

CONTINUING AND DISTANCE EDUCATION

The Office of Continuing and Distance Education (OCDE) offers career and professional development opportunities for people within the University's Central Kentucky service area. Credit and non-credit courses enable individuals to expand their career options, explore the world with its many cultures, or pursue personal goals and interests. In addition to over 650 on-campus classes offered each semester, the University also offers a wide range of distance learning environments for students unable to take full advantage of traditional on-campus options. These include:

Interactive Television (ITV)

Through two-way audio and video facilities, students interact with faculty in real-time from distance learning sites throughout central Kentucky and the State. Many interactive classrooms are located throughout the region in high schools, technical schools and colleges, and government offices. Students see, hear, and talk with professors using microphones and large television monitors connected directly to similarly equipped KSU campus facilities on the fifth floor of our Academic Services Building. Students at distance Kentucky Tele-Linking Network (KTLN) sites ask questions and get answers, see the overhead transparencies and the video selections the same way as students on campus. Students and teachers can exchange handouts and assignments and conduct open discussions with students connected from multiple sites. These interactive television courses are particularly attractive to students who want close interaction with faculty on a regularly scheduled, weekly basis but who are not able to travel a long distance to campus.

Pre-Recorded Television Programs (KET)

Students can enroll through Kentucky State University in courses that are broadcast over the Kentucky Educational Television network. College credit can be earned for many courses by viewing nationally produced television programs from the comfort of a

student's home. Television programs are broadcast throughout the semester at specified days and times. They may be viewed immediately or taped for later review and study at home. Students take notes and complete assignments and submit them to the instructor. Professors require students to attend an initial orientation class meeting on the first Saturday of the semester and also require testing on campus. Most courses air once a week for one hour. These courses are ideal for students with limited "free" time and hectic schedules. Students should be aware that these courses require as much preparation and work as traditional on-campus classes.

Internet-Accessed Online Courses (KYVU)

Kentucky State University enrolls students in courses that are created and managed by faculty using the Kentucky Virtual University network. These "virtual" classrooms are available for study and review whenever and wherever registered students have access to the Internet. Students work at these classes wherever computers are available, e.g. at home, at work, or in a public library. They can learn the course materials on a twenty-four-hour, seven-day-per-week basis. In conjunction with traditional textbook materials, online courses provide students with many opportunities. They can read additional class notes provided by the teacher, link to other Web site resources like the Kentucky Virtual Library for research, complete assignments, take tests, e-mail questions to teachers and receive answers, and discuss topics with other online classmates. This computer Web option meets the needs of students who cannot attend regularly scheduled and place-defined classes. They are ideal for people who need maximum time and location flexibility.

Additional Information

Students interested in enrolling in any of the above distance education opportunities may access a copy of the current Schedule of Classes booklet to review the course listings under the Service Area Programs section. This can be done either by viewing the University Web pages (www.kysu.edu) or by calling the Office of Distance and Continuing Education (502/597-5611) to receive the schedule in the mail.

FIRST-YEAR EXPERIENCE (FYE) PROGRAM

A university education is an investment with payoffs which can be realized from the beginning. New found freedom and responsibility give students their first taste of the power of adulthood. Students are asked to devote much time, diligence, and native intelligence to make the investment worthwhile. However, for new "investors," the experience can be overwhelming. The First-Year Experience (FYE) Program is dedicated to guiding new students to choices that will make their educational careers safe, successful, and satisfactory. FYE is here to help you achieve maximum returns on your investment. Our Counselors are available to help you set realistic academic and personal goals, listen to your

concerns, and guide you in finding the resources and assistance you need.

FYE works in collaboration with many other offices and units on campus to put you in touch with the support you need. To name just a few, Instructional Counselors in the Communication Skills Center (CSC) are prepared to assist you with enhancing your reading, writing, time management, and study skills; the Director of the Office of Academic Advising is dedicated to assigning you an advisor who best suits your needs, and the Director and staff of the Office of Financial Aid want to help you find affordable solutions for funding your university experience.

FYE provides peer tutors through the Peers Empowering Peers (PEP) Program to help you meet the challenges you will face in math, Spanish, biology, chemistry, accounting, French, and computer science. FYE's UNV 101 course takes you on a journey of discovery where you will become familiar with all of the services KSU has to offer ensuring that your transition to university life is a smooth one.

Your investment of time and energy, and your commitment to education is one of the best you will ever make. Kentucky State University has implemented the First-Year Experience Program to assist you in making it a successful and rewarding investment. Students interested in obtaining more information should contact the Director of the First-Year Experience in Hathaway Hall 102, at (502) 597-6217.

ACADEMIC ADVISEMENT SYSTEM

Kentucky State University provides a full range of academic advising and personal counseling services to students. Every effort is made to ensure that each student receives personal attention and assistance with his/her problems and concerns. Students, however, are expected to take the initiative to seek any needed assistance.

Academic advising at Kentucky State University begins with new Student Orientation. Subsequently, students are assigned a general education or a major advisor according to the following criteria:

1. New degree-seeking students (Associate or Baccalaureate) who declare a major at the point of admission to the University are assigned a "Major Advisor" within their chosen fields of study (See definition below).
2. New degree-seeking students (Associate or Baccalaureate) who choose not to declare a major at the point of admission but plan to pursue a degree are listed as "undeclared" and are assigned faculty and staff advisors who are prepared to meet students' advising needs. Students may stay with their advisors until they complete 60 semester credit

hours and declare a major, at which time they are assigned to a Major Advisor.

3. Non-degree-seeking students (Visiting/Transient) are advised by the personnel in the Office of Admissions.

General education advisors are experienced faculty and staff who have demonstrated continuing commitment to the importance of providing students with personal attention and guidance in the planning and pursuit of their academic objectives. Advisors are typically responsible for approximately 20-25 students who are listed as "undeclared."

Major advisors, just as general education advisors, provide academic and career advice to each student who has selected a major area of study in preparation for a career of the student's choice. The major advisor serves as a useful source of information regarding such matters as degree requirements, research opportunities within the field, graduate study, and other career employment opportunities. From their first day at Kentucky State University, students are encouraged to take an active part in their learning. Early and sustained interaction with advisors is a good beginning.

GUIDELINES FOR IMPLEMENTATION OF THE GENERAL EDUCATION TRANSFER POLICY

I. Introduction

Following adoption by the Kentucky Council on Postsecondary Education of a policy for the transfer of general education credits at public colleges and universities in the Commonwealth, a committee was established to oversee the implementation of the policy. These Guidelines represent a condensation of the Council's policy and attempt to address frequently asked questions. The Guidelines should assist students and their academic advisors in planning programs of study.

To participate fully at the program level, students must be graduates of Associate in Arts/Associate in Science (AA/AS) transfer programs which contain 48 hours, including the Core Transfer Component, of lower-division general education, or complete 60 hours of study which meet the same conditions.

The Core Transfer Component represents common elements of current general education programs at Kentucky institutions. Students will benefit to the extent that their program of study reflects the composition of the Core Transfer Component or individual categories in the Component. Graduates of Associate in Applied Science (AAS) programs will participate in this transfer policy by comparing the Core Transfer Component to their respective programs of study.

The Policy on General Education Transfer was established to:

- Emphasize those aspects of general education requirements which are common among public institutions in Kentucky, and to encourage completion of approved AA/AS transfer programs;
- Promote the acceptability of general education credits as students transfer from one public institution to another;
- Enhance cooperation among institutions with respect to academic advising for undergraduates who plan to transfer from one public institution to another; and
- Serve as a framework for developing pre-major transfer programs for specific majors.

II. Basic Assumptions and Principles

1. The transfer of general education credits is predicated on the acquisition of competencies in broad academic areas rather than on a comparison of individual courses taken at one

institution or another. The issue is not how particular general education courses at the sending institution match up with general education courses at the receiving institution, but how the competencies in various general education programs are similar to one another. Universities will recognize the completion of a Council-approved AA/AS transfer degree by admitting students to junior-level standing and accepting the corresponding general education credits as meeting institution-wide lower-division general education requirements at the receiving institution. Students are encouraged to complete an approved AA/AS transfer program prior to transferring.

2. Each institution recognizes the professional integrity of all other public institutions in the acceptance of their general education program.
3. The General Education Transfer Policy is limited to lower division requirements and applies only to transfer students (as distinct from transient students).
4. The general education requirements covered in this policy are not intended to fulfill general education requirements for particular majors. Specifically, the general education requirements of a specific major will not be set aside by this policy. This is a most important distinction and should be noted by students and their advisors.
5. When fully implemented, the transfer system at all institutions will include an audit process through which the sending institution will certify to the receiving institution the general education categories which the student has completed.
6. Close cooperation and communication among colleges and universities will be established to facilitate the transfer process for students and to enable the participating institutions to maintain timely and comprehensive information. Particular attention will be paid to academic advising on each campus and to interaction among campuses in order to inform students about the nuances of general education requirements at the various institutions.

7. Each receiving institution will provide a process for students to appeal decisions related to the transfer of general education credits.
8. The General Education Transfer Policy became effective at the beginning of the spring term in 1996. Students transferring after this date may request an audit from the sending institution.

III. Certification of General Education Blocks

1. **Fully Certified.** Students who have completed a general education program of 48 semester hours which includes the 33-hour Core Transfer Component (see below), have received an approved AA or AS transfer degree, or have earned sixty hours of undergraduate credits and hold a cumulative GPA of 2.0 or better will be "Fully Certified" for purposes of transfer. If the receiving institution's general education program requires more than 48 hours, the student will be required to earn additional general education credits.
2. **Core Component-Certified.** Students in good academic standing who have completed a core of courses (33 hours) in the areas listed below will be "Core Component-Certified" for purposes of transfer. Individuals in this category must fulfill the remaining general education requirements of the receiving institution which have not been satisfied through the Core Component.
3. **Category-Certified.** Students who have completed some, but not all, of the five categories in the 33-hour Core Component, will be "Category-Certified" for purposes of transfer. Individuals in this situation must fulfill all of the remaining general education requirements of the receiving institution which have not been satisfied through "Category" Certification.

THE 33-HOUR CORE COMPONENT

Communications—9

- Written Communications—6
- Oral Communications—3

Humanities—6

- The discipline(s) represented must be different from those in Behavioral/Social Sciences.
- Courses may be chosen from, but not necessarily limited to, the following:
 - Fine Arts (excluding studio and performance)
 - Philosophy
 - History
 - Foreign Language (same language)
 - Inter/Multi-disciplinary (includes literature, history, art, etc.)
 - Literature
 - Cross-Cultural

Mathematics—3

- Minimum: college algebra

Natural Sciences—6

- Courses may be chosen from, but not necessarily limited to, the following disciplines:

Biology	Astronomy
Chemistry	Geology
Physics	Physical Science

Behavioral/Social Sciences—9

- At least two disciplines must be represented and must be different from those in the Humanities.
- Courses may be chosen from, but not necessarily limited to, the following:

Psychology	Inter/Multi-disciplinary
Sociology	Cross-Cultural
Economics	Political Science
History	Geography
Anthropology	

IV. Questions Commonly Asked about the General Education Transfer Policy

How will credits earned through CLEP, Advanced Placement, or other examinations be handled?

If the sending institution certifies such credits for application to its general education requirements (either with or without the granting of credit hours), the receiving institution will recognize these requirements as having been fulfilled.

How will credits earned in private or out-of-state institutions be treated?

If a public sending institution endorses the use of such credits for satisfying a general education requirement, the receiving institution will accept this decision.

What happens in the case of D grades in general education courses?

Grades of D are accepted at most public colleges and universities for purposes of fulfilling general education requirements. However, in granting transfer credit, some institutions do not accept D grades; students should check with individual advisors or admissions officers at the schools to which they are transferring. Where D grades do not receive transfer credit, certifications by sending institutions of coursework which includes D grades may not be fully accepted.

Will credits earned at colleges or universities not accredited by a regional accrediting agency be applicable to the General Education Transfer Policy?

The SACS standard on the transfer of credits must be followed, and each transfer is subject to evaluation in accordance with the SACS standard.

What information can a receiving institution expect from a sending institution regarding a student's general education certification?

The sending institution will indicate, either on the transcript or as an attachment to the transcript, whether the student is Fully Certified, Core Component-Certified, or Category-Certified in general education.

Will information about the completion of transfer credits at one institution be automatically sent to another institution, or must students request this service?

Some institutions have the capability to include general education certification on the transcript by using an automated process. Other institutions do not. Students should request a general education audit when they submit a transcript request.

Who will receive the documentation certifying general education transfer?

A centralized office on each campus will receive the transfer information. Normally, the Office of Admissions will handle this task.

Does this policy affect general education requirements for specific majors?

No. The General Education Transfer Policy does not add to, subtract from, or change any general education courses required for a major. Students need to work closely with their advisors to determine what relationship, if any, exists between requirements for general education and requirements for a specific major. This is a most important issue and should be carefully noted.

What appeal do students have in case of misunderstandings or disagreements?

Each institution has a process for appeals related to the General Education Transfer Policy. Also, each institution appoints a person to serve as the official institutional liaison with respect to the Policy. Students in need of assistance should contact that individual.

Who are considered transfer students?

Transfer students are those who transfer from one public higher education institution (sending institution) to another public higher education institution (receiving institution) with the intention of completing their educational program at the receiving institution.

Who are transient (or visiting) students?

Transient students are students in good standing in any recognized institution who enroll in another institution with the intention of transferring the credits earned to their home institution.

Does the Transfer Policy allow students to receive duplicate credit by taking courses at one institution and repeating equivalent or similar courses at another institution?

No. The General Education Transfer Policy does not impact the policies of the respective institutions with regard to duplicate course credit. Students should work closely with

their academic advisors to make appropriate course selections before and after transferring from one institution to another.

POLICIES

Transcript evaluations at Kentucky State University are carried out in accordance with guidelines published by the American Association of Collegiate Registrars and Admissions Officers, the Kentucky Council on Postsecondary Education, and the Southern Association of Colleges and Schools.

All credits earned with a grade of "C" or better from a regionally accredited institution of higher education will be accepted for transfer. The transcript evaluation will determine the applicability of these credits to degree requirements at Kentucky State University. Credits that do not fulfill degree requirements will be accepted as free electives if grades of "C" or better were earned.

Kentucky State University will not give upper-level credit for courses completed at junior and community colleges without validation that the courses are equivalent to upper-level University courses.

PROCEDURES

Responsibility for the initial evaluation of transcripts for transfer credit rests with the University's Office of the Registrar. A transfer applicant is responsible for ensuring that all transcripts of previous college or university coursework are sent to the Office of Admissions. The admission decision cannot be made until all transcripts of previous college or university coursework, except for any coursework currently in progress, are received. In the event of academic suspension/dismissal from any institution previously attended or currently being attended, an applicant must submit a letter of good academic standing from the last institution attended, stating that he or she is eligible to return to that institution. Further, an applicant must submit a letter of recommendation from the Dean of Students of each institution attended.

Transfer credit from another institution accepted by the University will be placed on a student's academic record following completion of the student's first semester at the University. Transfer students will not have a University cumulative grade-point average until they have completed one semester of coursework at Kentucky State University. Quality points will be awarded only for work completed at KSU.

Upon completion of the initial evaluation of a transfer applicant's transcript(s), the Office of the Registrar will inform the applicant in writing as to the transferability of previously completed coursework and the applicability of these credits to degree requirements at the University. For students with an undeclared major, applicability of University-accepted credits to specific degree requirements will occur as part of the declaration of major process.

ACADEMIC REGULATIONS AND POLICIES

Oversight of the Academic Regulations and Policies is given to the Academic Policies Committee of the Faculty Senate. Students are expected to become familiar with these regulations, as they apply to all students enrolled in undergraduate courses at Kentucky State University. In some cases, different policies apply to students enrolled in graduate courses. In these cases, graduate students are governed by the policies included in the graduate programs subsection of the Catalogue.

The limitations in the definitions may be modified to meet accreditation, licensing, and/or certification requirements.

I. General Definitions

- A. A semester credit hour represents one clock hour of recitation or lecture, or two clock hours of laboratory per week for one semester for most courses; some courses in art, music, physical education, and other areas are calculated according to accreditation standards in the particular area.
- B. Quality points are the assigned points of a specific letter grade. The total quality points of a course are calculated by multiplying the quality point value of the letter grade earned by the number of semester credit hours for the course (see Section XII).
- C. The cumulative grade-point average is defined as the total number of quality points earned in all courses taken at Kentucky State University in which the student received a grade of "A," "B," "C," "D," or "F" divided by the total number of semester credit hours in all courses taken at the University in which the student received a grade of "A," "B," "C," "D," or "F."
 1. If a course is repeated, only the highest grade will be used in the computation of the cumulative grade-point average.
 2. Unless specifically described in the course description as a repeatable course, credit may be earned only once for courses that are repeated.
 3. All grades earned at Kentucky State University will remain on the student's transcript and in the permanent record, unless the student has successfully petitioned and been granted academic bankruptcy (see Section XXII).
- D. The current grade-point average is defined as the total number of quality points earned in all courses in which the student received a grade of "A," "B," "C," "D," or "F" during the last term (summer session/semester) of enrollment divided by the total number of semester credit hours in all courses in which the student received a grade of "A," "B," "C," "D," or "F" during the last term (summer session/ semester) of enrollment.

II. Definitions of Majors, Minors, and Areas of Specialization

The following definitions are to be considered University norms for evaluation and approval of master's, baccalaureate, and associate degree programs. The definitions and the limitations that accompany them are based upon the University's policy of emphasizing breadth of study in the basic disciplines with emphasis on the humanities in fulfillment of Kentucky State University's liberal studies role and mission. Course content shall be appropriate for University-level courses. Departures from these norms must be justified by the nature of the program and must have the recommendation of the Faculty Senate and approval of the Board of Regents.

Master's Degree Program

A master's degree program is a planned and approved program of study leading to graduation with a master's degree. It should be possible to complete a master's degree program in two and one-half years of study. The minimum semester credit hour requirement shall be 39, and no program should require more than 45 semester credit hours. A student may elect to exceed this maximum in meeting personal education objectives. The master's degree program must be completed within six years of initial enrollment.

Baccalaureate Degree Programs

A baccalaureate degree program is a planned and approved program of study leading to graduation with a baccalaureate degree. It should be possible to complete a baccalaureate degree program in eight semesters of normal full-time study. The minimum semester credit hour requirement shall be 128, and no program should require more than 144 semester credit hours. A student may elect to exceed this maximum in meeting personal education objectives.

Each baccalaureate degree program shall include the Liberal Studies Requirements of the University (unless specific courses have been officially substituted or waived) and a major. Minors, areas of specialization, pre-major, prerequisites, and support courses may be required. Individual students may elect to take a minor or a second major to meet personal education objectives. Unless otherwise specified, any course taken to satisfy a requirement (including electives) for one program may be used to satisfy a requirement for another program. Every baccalaureate degree program shall include the provision for a minimum of 6 semester credit hours

of free electives. A minimum of 45 semester credit hours in upper-level courses is required for graduation.

Associate Degree Programs

An associate degree program is a planned and approved program of study leading to graduation with an associate degree. It is possible to complete an associate degree program in four semesters of normal full-time study. The minimum semester credit hour requirement shall be 64, and no program should require more than 76 semester credit hours. A student may elect to exceed this maximum in meeting personal education objectives.

Each associate degree program, except the Associate of Arts in Liberal Studies, shall include required major courses, support courses, and at least 15 semester credit hours of the Liberal Studies Requirements of the University. The liberal studies component shall include courses designed to develop skills in oral and written communication and in computational skills. The liberal studies component shall also include courses drawn from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/ mathematics. The Associate of Arts in Liberal Studies degree is comprised of 47 semester credit hours of liberal studies, 3 semester credit hours of support courses, and 15 semester credit hours of advised electives. Every associate degree program shall include the provision for a minimum of 3 semester credit hours of free electives.

The Major

A major consists of a planned sequence of courses usually within a single discipline; however, a major may consist of a planned group of courses from more than one discipline. The minimum semester credit hour requirement for a major shall be 30, and the maximum shall be 48. A minimum of 18 semester credit hours in the major must be upper-level courses.

The Minor

A minor consists of a planned sequence of courses, usually in a discipline related to the major. The minor shall consist of a minimum of 18 semester credit hours and shall not exceed 21 semester credit hours. A minimum of 12 semester credit hours in the minor shall be above the 100 level.

The Area of Specialization

Some major programs consist of a core program of study within the academic unit as well as required additional study in one or more areas of

specialization selected from options within or related to the discipline. The area of specialization shall consist of a minimum of 12 semester credit hours and a maximum of 18 semester credit hours beyond the core, with a minimum of 12 in upper-level courses.

Pre-majors, Prerequisites, and Support Courses

A degree program may identify and require courses as are justified for proper completion of the major. Courses may be from within the discipline (pre-majors or prerequisites) or from other disciplines (prerequisites or support courses). Such credits thus required are not included in the limitations stated previously, but are included in the minimum of 128 semester credit hours and the maximum of 144 semester credit hours for a baccalaureate degree.

Liberal Studies Requirements

The Liberal Studies Requirements are described elsewhere in this Catalogue. These courses, whether unique requirements or optional requirements, may also serve as pre-majors, prerequisites, or support courses, but may not be included in requirements for a major, a minor, or an area of specialization. A student may not take a Liberal Studies Requirement on a pass-fail basis.

Free Electives

Free electives may be selected by the student from any courses not required in the particular degree program, excluding remedial and non-credit course offerings.

The limitations in the definitions may be modified to meet accreditation, licensing, and/or certification requirements.

III. Academic Requirements for Graduation

- A. In the last semester of the sophomore year all students must take the Rising Junior Assessment prior to being allowed to register for further courses, and they must pass the Assessment prior to acquiring 96 hours of collegiate-level credits. Students who fail to meet the minimum pass criteria for any part or parts of the Rising Junior Assessment must:
 1. Seek appropriate remediation, and
 2. Retake the part or parts they failed each time the Assessment is offered until they have passed all portions. The Assessment is administered twice each year, October and March, and
 3. Pay for the cost of retakes at the prevailing rate for each portion of the test each time the Assessment is re-

administered.

- B. Students must submit a completed application for a degree to their major department according to the prescribed schedule in the Academic Calendar. *No late applications will be accepted.* Students must submit a new application for a degree if they have been unsuccessful with a graduation attempt. A non-refundable graduation fee is assessed each time a student applies for graduation.
- C. No later than the semester of expected graduation, students must successfully complete a comprehensive exit assessment in the subject matter of the student's major. An assessment may include, but is not limited to, a portfolio, a written examination, a presentation, a recital, and/or a capstone course.
- D. A student must receive a grade of "C" or better in all courses except free electives.
- E. A student must have a cumulative grade-point average of 2.0 or better in all University courses.
- F. A minimum of 64 semester credit hours (excluding any college preparatory and remedial courses and any courses numbered below the 100 level) is required for the awarding of an associate degree.
- G. A minimum of 128 semester credit hours (excluding any college preparatory and remedial courses and any courses numbered below the 100 level) is required for the awarding of a baccalaureate degree. This includes a minimum of 45 semester credit hours in upper-level courses.
- H. A minimum of 39 graduate semester credit hours is required for the awarding of a master's degree. All coursework for a master's degree must be completed within a six-year period.

IV. Residency Requirements for Graduation

- A. A minimum of 25% of all required semester hours for degree completion must be earned at Kentucky State University.
- B. At least one-half of a student's major field academic requirements must be earned at Kentucky State University.
- C. In order to receive a baccalaureate or an associate degree from Kentucky State University, a student must complete the last 32 or 16 semester credit hours, respectively, at the University. If extenuating circumstances exist, the Vice President for Academic Affairs may grant, upon the recommendation of the appropriate dean, a student's request to take no more than six (6) of his/her last 32 or 16 semester credit hours at another accredited institution.

V. Graduation Honors

Graduation honors are awarded only to

- baccalaureate degree students who have earned at least 64 semester credit hours at Kentucky State University. Students who maintain a cumulative grade-point average of at least 3.8 and who have received no grades of "D" or "F" in any attempt at a course are awarded the baccalaureate degree *summa cum laude*. Students who maintain a cumulative grade-point average of at least 3.5 and who have received no grades of "D" or "F" in any attempt at a course are awarded the baccalaureate degree *magna cum laude*. Students who maintain a cumulative grade-point average of at least 3.2 are awarded the baccalaureate degree *cum laude*. Students who have a GPA of 3.5 or higher and who have received a "D" or "F" in any attempt of a course are awarded the baccalaureate degree *cum laude*.

with The baccalaureate degree or the associate degree departmental honors will be conferred upon the student who, in addition to having completed the requirements for the degree, shall have maintained a cumulative grade-point average of at least 3.0 and a grade-point average of at least 3.3 in courses required for the major. In computing academic major grade-point averages, all courses taken in a major will be counted. To be considered for academic program honors, one or two years of residence work at Kentucky State University are required of associate or baccalaureate degree recipients respectively, with at least half of the major courses taken at the University.

VI. Academic Load

- A. The normal semester load for undergraduate students is 16 semester credit hours, and the normal semester load for graduate students is 9 semester credit hours.
- B. An undergraduate student must carry 12 or more semester hours to be full time, 9-11 semester credit hours to be three-quarters time, 6-8 semester credit hours to be half time, and 1-5 semester credit hours to be part time or less than half time. A graduate student must carry 9 or more graduate semester credit hours to be full time, 7-8 graduate semester credit hours to be three-quarters time, 5-6 graduate semester credit hours to be half time, and 1-4 graduate semester credit hours to be part time or less than full time.
- C. In order for an undergraduate student to pursue 19 or more credit hours per semester, one of the following conditions must be met:
 - 1. The student must have the written

- approval of his/her advisor and the academic unit head; or
2. The student's cumulative grade-point average is 3.2 or better.

- D. An undergraduate student may pursue a maximum of 21 semester credit hours during the fall or spring semester of the academic year for which he/she is a candidate for graduation. A graduate student may pursue a maximum of 12 semester credit hours during the fall or spring semester of the academic year for which he/she is a candidate for graduation.
- E. An undergraduate student may pursue a maximum of 10 semester credit hours during the summer session, and a graduate student may pursue a maximum of 6 semester credit hours during the summer session.

VII. Double/Multiple Majors

A student wishing to pursue a double major must declare the first and second majors to the Registrar. A student will have earned a double major after he or she has completed all the requirements for the first and second majors and after completing a minimum of 128 semester credit hours. Unless otherwise specified, any course taken to satisfy a requirement (including electives) for one major may be used to satisfy a requirement for another major. The student who completes all the requirements for both majors receives a degree appropriate to the first major (either a B.A. or a B.S.) with a notation of the second major. The baccalaureate degree may be awarded for multiple majors and minors, provided the requirements for all majors and minors are met. The associate degree may be awarded for one or more majors, provided the requirements for all majors are met. A double major does not necessarily result in an additional degree.

VIII. Concurrent Degrees

A student may pursue two degrees of the same level in a given matriculation period, e.g., two baccalaureate degrees, two associate degrees, or two graduate degrees, when minimum graduation requirements are met with additional coursework for the appropriate degree level. A student may not pursue mixed levels of degrees simultaneously. (Students having earned one degree at any level may subsequently pursue another, either associate or baccalaureate. See Subsequent Degrees section.) Students must complete all of the requirements in effect at the time the student declares the major in each degree program. While some of the hours earned from one degree may count toward another degree, students must earn at least 15 additional approved semester hours for another associate degree or 30 additional hours for

another baccalaureate degree. This translates to a minimum of 79 hours for two associate's degrees and a minimum of 158 hours for two baccalaureate degrees.

IX. Subsequent Degrees

Students having earned one degree may subsequently pursue another, either associate or baccalaureate, by completing all of the requirements in effect at the time the student declares the major for the subsequent degree. While some of the hours earned from the earlier degree may count toward the subsequent degree, students must earn at least 15 additional approved semester hours for an associate degree or 30 additional semester hours for the baccalaureate degree (see Section II).

X. Classification of Students

Students shall be classified as indicated below upon successful completion of the specified number of semester credit hours, provided that all entrance requirements have been met.

Freshman	0-29 semester credit hours
Sophomore	30-59 semester credit hours
Junior	60-89 semester credit hours
Senior	90 or more semester credit hours

XI. Course Numbering System

This system is to be used to ensure consistency in the numbering of courses, and should be used by advisors and students when making out class schedules.

001-099 designed for college preparatory and remedial courses; does not count toward any degree requirements

100-199 designed for freshman students but may be taken by more advanced students; does not carry graduate credit

200-299 designed for sophomore students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor; does not carry graduate credit

300-399 designed for junior students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor; does not carry graduate credit

400-499 designed for senior students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor; does not carry graduate credit

500-599 open to graduate students only

600-699 open to graduate students only; should be used for seminar and independent study

700-799 open to graduate students only; thesis and research (professional) projects

XII. Grading System

Information regarding grading policies is available from the Office of Academic Affairs and in the course

syllabus for each course. All policies established by academic units and/or by course instructors must be in compliance with policies outlined below.

- A. A course instructor will issue a final grade at the conclusion of the course for each student officially registered for the course. The course instructor remains the sole person responsible for issuing a final course grade, except as provided in sub-section B below, and in Section XII.F.
- B. In the event an instructor becomes incapacitated or otherwise is unable to issue course grades, the academic unit administrator will be responsible for issuing final course grades.
- C. Only final grades specified in sub-section E of the Academic Regulations and Policies may be issued.
- D. Instructors are to report final grades to the Office of the Registrar in accordance with the procedures and deadlines required by the University. Only the Office of the Registrar has authority to issue official final grades.
- E. The following system of symbols will be used in grading students:
 - 1. A excellent; four quality points per semester credit hour
 - 2. B good; three quality points per semester credit hour
 - 3. C satisfactory; two quality points per semester credit hour
 - 4. D poor; one quality point per semester credit hour
 - 5. F failure; zero quality points, zero credit
 - 6. P pass, proficient; not included in grade-point average (see Section XII.F)
 - 7. I incomplete; not included in grade-point average (see Section XII.I)
 - 8. W withdrawal, which can only be entered for students who withdraw prior to the end of the tenth full week of classes during a semester, or before two-thirds of the instructional days of the summer session; not included in grade-point average
 - 9. AU audit; not included in grade-point average (see Section XII.G)
- F. Pass-Fail (P/F)
 - 1. Grading on a pass-fail basis is available only in the following situations: cooperative education course credit and credit for courses by special examination and/or certification, as described in the Catalogue section entitled "Credit by Examination/Certification and Credit for Life Experience."
 - 2. A grade of "P" (pass, proficient) will be given to indicate satisfactory completion of the examinations and/or experiences eligible for pass-fail credit. A grade of "F" (fail, not proficient) will be given to indicate unsatisfactory completion of the examinations

and/or experiences eligible for pass-fail credit. When a grade of "P" is earned through satisfactory completion of the examinations and/or experiences eligible for pass-fail credit, the grade of "P" is equivalent to the minimum grade of "C" or above as required elsewhere in these Academic Policies and Regulations.

- 3. A student may challenge up to six (6) semester credit hours in the Liberal Studies Requirements, the major, minor, or area of specialization on a pass-fail basis if these courses are approved for challenge. Furthermore, a student may earn up to one-fourth the minimum number of semester credit hours for completion of a baccalaureate degree or an associate degree through any combination of credit by examination/certification and credit for life experience.
- 4. Regulation XII.F.3 does not apply to cooperative education courses.
- G. Audit
The grading option of audit must be selected no later than the end of late registration and must be indicated on either the student's registration or add/drop form. Audited courses do not count toward the total number of hours nor in computing a GPA.
- H. Repeat Option
An undergraduate student has the option to repeat any completed course. Only the highest grade will be used in computing the student's academic standing and credit for graduation. The original grades for all repeated classes will remain on the transcript with the notation "excluded from GPA." A student may repeat a given course a maximum of two times. A student may not use the repeat option when retaking a course on a Pass-Fail basis if the course was originally taken for a letter grade. The repeat option only applies to an identical course (including a cross-listed course) and not a course substitute.
- I. Incomplete
 - 1. A grade of "I" is to be assigned only for an unforeseen and extraordinary circumstance or situation which would have prohibited a student from completing a minor part of a course requirement, such as the final exam, one major exam, completion of a term paper or class project, or part of the requirements of a laboratory, and the student has made a request to the instructor prior to the end of the term. In some cases, a grade of "I" can be assigned when the course constitutes an "I" based on accrediting or certification requirements.
 - 2. A grade of "I" may not be assigned as a substitute for a "D" or an "F."
 - 3. An Incomplete earned in any given term (summer session/semester) must be removed

by the end of the eighth week of classes during the next regular academic semester; otherwise, the "I" will be automatically be changed to a grade of "F."

4. When a grade of "I" is assigned, the instructor shall provide a detailed description of the work to be completed by the student to the chair/dean. The chair/dean shall retain a copy of this document. The instructor shall forward a copy to the student and retain a copy in the unit file.
 5. If an "I" is received in a graduate-level course requiring a professional project or thesis, the incomplete must be removed within one calendar year after the completion of the term (summer session/semester) in which the "I" was assigned; otherwise, the grade of "I" will be automatically be changed to a grade of "F," and no further extensions shall be granted.
- J. Time Limitations for Grade Changes
All grade changes must be processed within one semester from the time the original grade was recorded. These grade changes will be permitted only when there was an error in recording or calculating the grade.
- K. Appealing a Course Grade (see Section XXI.F.).

XIII. Academic Honors

The University encourages high standards of academic excellence and acknowledges students' academic achievement. An Academic Honor Roll and Dean's List are published at the end of each academic semester. A student who earns 12 or more semester credit hours for which quality points are awarded and whose grade-point average is 3.2 or better, will be included on the Dean's List.

Part-time (at least one-half time) students are given special recognition for academic achievement. Students enrolled in 6 to 11 semester credit hours in which quality points are earned and whose grade-point average is 3.2 or better, will be included on the Academic Honor Roll.

XIV. Withdrawal from a Course

- A. On the 13th day of classes the Office of the Registrar will distribute class rosters to the faculty. Instructors will then verify the names of students who have attended at least one class meeting. Students who have never attended a class meeting will be administratively withdrawn and have all applicable charges reversed. Students who have attended at least one class meeting but have stopped attending are subject to the attendance policies enumerated in the Class Attendance section (XVIII). This policy does not apply to the summer session.
- B. If a student withdraws from a course before the end of the tenth full week of classes during a semester, a grade of "W" will appear on the student's transcript.

- C. If a student withdraws from a course before two-thirds of the instructional days have elapsed during a summer session or short course, a grade of "W" will appear on the student's transcript.
- D. A student who fails to follow proper University withdrawal procedures will receive a grade of "F" in that course.
- E. Students may appeal for retroactive withdrawal from a course under specified circumstances. (see Section XXI.G.).

XV. Withdrawal from the University

- A. A student who has preregistered but not completed registration (i.e., paid fees or made arrangements for the payment of fees) may cancel his/her registration by notifying the Office of the Registrar in writing prior to the end of late registration of his/her intention not to enroll.
- B. In order to withdraw from the University after completion of registration (i.e., dropping all courses for a given semester/session), a student must do the following:
 1. Obtain the necessary form from the Office of the Registrar.
 2. Complete the form and obtain the necessary signatures.
 3. Return the completed form to the Office of the Registrar.
- C. Failure to withdraw will obligate the student to pay all tuition, fees, and other charges assessed, and will result in failing grades for that term (summer session/semester).
- D. If a student withdraws from the University before the end of the tenth full week of classes during a semester, a grade of "W" will appear on the student's transcript for all courses pursued that semester.
- E. If a student withdraws from the University before two-thirds of the instructional days have elapsed during a summer session or short course, a grade of "W" will appear on the student's transcript for all courses pursued that session.
- F. Students may appeal for retroactive withdrawal from the University under specified circumstances (see Section XXI.G.).

XVI. Registration

- A. A degree-seeking student MUST consult with his/her designated advisor prior to the time of preregistration or regular registration to receive official approval for his/her plan of study during each academic term (summer session/semester). (NOTE: First-time freshmen may be limited in the courses for which they can register based on admit status. See Admission to the University in this Catalogue.)

- B. The Office of the Registrar sets the time of registration for all students and informs them of the times they are to register.
 - C. Students are expected to register at the appointed time.
 - D. Students may not register for credit after the deadline set for completion of late registration.
 - E. A late registration fee is assessed to students who do not register at the appointed time.
 - F. Late registration for semesters will end one calendar week after the last day of registration or its equivalent for summer session (see Academic Calendar for specifics).
 - G. A student must repeat any course in which he/she received an inadequate grade (as described in Section III. D) during the next semester in which the student is enrolled and in which the course is offered. Students will be prohibited from registering for the next term until this requirement is satisfied.
- (a) due to documented illness,
 - (b) due to documented serious illness or death in the student's immediate family
 - (c) due to documented court appearance
 - (d) due to documented attendance at a university-sponsored field trip
- 3. Unexcused absence
 - (a) due to lack of documentation of an otherwise excused absence
 - (b) due to excessive excused absences (exceeding the number of class meetings in one week)
 - (c) due to university-activity absences incurred when the student's performance in class is below a "C" average

XVII. Changes in Registration

(Adding a course, dropping a course, changing sections, changing grading options)

- A. All changes in registration must be approved by the Office of the Registrar and the designated advisor (and the instructor in case of a closed class).
- B. All students who are not properly registered for a course will not receive credit for that course.
- C. A processing fee is assessed beginning the first day of classes of a term (summer session/ semester) for any change in registration, with the exception of those caused by University cancellation of courses or other University-initiated adjustments to course schedules.
- D. See Section XIV for regulations on withdrawal from a course.
- E. The chairperson and/or dean will inform the Vice President for Academic Affairs, the Office of the Registrar, and the instructors of all course cancellations no later than two (2) working days after the end of late registration.
- F. When a course is canceled, any student enrolled in that course may change his/her final registration in order to replace the canceled course. Such adjustment must be completed no later than Saturday of the second full week of classes during an academic semester or no later than Saturday of the first full week of classes during a summer session.

XVIII. Class Attendance

- A. There are three mutually-exclusive types of absences for purposes of classification:
 - 1. Patriotic absence
 - (a) due to documented required military service
 - (b) due to documented university service or off-campus representation of the University
 - 2. Excused absence, non-patriotic

- B. Provided the student is doing satisfactorily in the course, any class absence incurred while a student is performing university-patriotic service (participating in an activity whereby the student represents the university off campus) is to be excluded from the total number of allowed excused absences.
- C. Absence(s) from class(es) because of university-patriotic duty or university-sponsored academic class activities must be reported to the Vice President for Student Affairs two (2) weeks prior to the date of the absence. The Vice President for Student Affairs will inform faculty members BEFORE the student's absence from class(es) in these cases.
- D. In order for a class absence to be excused, the student must submit documentation of the absence(s) to the Vice President for Student Affairs within one week of the absence(s).
- E. The number of excused absences may not exceed the number of class meetings during one full week of class(es) during a semester, or two class meetings during one full week of classes during the summer session. Absences in excess of the allowed number of excused absences will be considered unexcused.
- F. The number of unexcused absences per semester or summer session may not exceed the number of class meetings during one full week of class.
- G. For each unexcused absence over the maximum number allowed, the instructor may lower the course grade one full grade level.
- H. For any excused absence, all make-up assignments must be completed within a time period determined by the instructor.
- I. If an individual instructor or academic unit adopts more stringent attendance policies, those policies must appear in a conspicuous location in the course syllabus and must be announced to the class on the first day it meets.
- J. Regulations on class tardiness are determined by the instructor of the class.

XIX. Academic Honesty

- A. The University expects that students will conduct themselves with honesty and integrity.

B. Academic Offenses

1. Cheating: Cheating is defined as the fraudulent or deceptive taking, giving, or presenting of any information or material with the intent of aiding oneself or another on any academic work which is considered in any way in the determination of a course grade.
2. Plagiarism: Plagiarism is the intentional or unintentional act of submitting the work of another as one's own. It includes the submission of the complete or partial work, or of the words, ideas, or format of another, published or unpublished, without appropriate reference and source credit. It includes employing or permitting another person to produce, alter, or revise material which the student submits as his or her own. If the student has any uncertainty regarding plagiarism in the submission of any material to his or her instructor, he or she should discuss the matter with the instructor prior to submission of the material.
3. Forgery: A student who falsely records the signature of an advisor, instructor, or any university official on any official University academic document.

C. Sanctions for Academic Offenses

One or more of the following sanctions may be applied to a student guilty of commission of an academic offense:

1. Assignment of any grade on a paper, examination, or other material related to the offense.
2. Assignment of any grade for the course in which the offense occurred.
3. Forced withdrawal from the class in which the offense occurred.
4. Suspension from the University for a specified period of time. Suspension includes exclusion from all classes, termination of student status and all related privileges and activities. A student who violates any of the terms of suspension shall be subject to further discipline in the form of permanent dismissal.
5. Dismissal from the University: This sanction is final and susceptible to reconsideration after review by the University President.

D. Disposition of Cases of Academic Offenses

1. Responsibility of the Instructor
An instructor who has evidence that a student has committed an academic offense shall attempt to arrange a personal conference with the student to present the evidence of the offense, to give the student an opportunity to state his/her case, and to make known to the student the charges and possible sanctions which may be imposed and/or recommended. If the student is not available for or fails to attend

such a conference, the instructor shall proceed to inform the student of the nature of the evidence, the charges and the possible sanctions by certified mail, with copies to the Chairperson and Dean of the college in which the student is enrolled. The instructor may then proceed to assign any grade on a paper or examination related to the offense, assign any grade for the course in which the offense occurred, or recommend to his or her Chairperson a more severe sanction.

2. Responsibility of the Chairperson

After reviewing the report from the instructor and making any appropriate investigation, the Chairperson will forward the materials, along with his or her own recommendation, to the Dean of the college in which the offense occurred.

3. Responsibility of the Dean

After reviewing the material furnished and after conducting any appropriate investigation, the Dean of the college in which the offense occurred will forward the material, along with recommendation for suspension or dismissal, to the Vice President for Academic Affairs. If the sanction is forced withdrawal from the course, the Dean of the college in which the student is enrolled will take action to implement the withdrawal and will notify the student by certified mail. Copies of the notice will be sent to the instructor and Chairperson of the Department in which the offense occurred and to the Registrar.

4. Responsibility of the Academic Vice President

After reviewing the file and conducting any appropriate investigation, the Vice President shall forward the file, along with his or her recommendation, to the Vice President for Student Affairs, who will in turn forward the case to the All-University Court for processing according to the standard procedure of that court.

E. Right of the Student to Appeal

1. The student shall have the right to appeal the allegation of his or her guilt to each higher level of authority up to and including the All-University Court.
2. The assignment of a grade by the instructor on a paper or examination involved in the offense shall not be subject to appeal.
3. Other sanctions may be appealed to the next higher level of authority up to and including the All-University Court. Such appeal must be filed in writing within 15 days of notification of the

sanction.

4. The student shall have a right to attend and participate in a class until a decision is made on his/her appeal.

XX. Academic Standing

A. Good Academic Standing

In order to remain in good academic standing, a student must have a cumulative grade-point average of:

1. 1.7 or better for 12-29 attempted semester credit hours which count for quality points;
2. 2.0 or better for 30 or more attempted semester hours which count for quality points.

B. Probation

1. Students who fail to maintain the above cumulative grade-point averages will be placed on academic probation for one semester.
2. Probation may not be appealed.

C. Suspension

1. Any student who fails to maintain a semester grade-point average of 2.0 while on academic probation will be placed on academic suspension and must remain out of the University for the next semester (Fall or Spring).
2. A student must receive a grade of "C" or better in all college preparatory and remedial courses and in all courses numbered below the 100 level in three or fewer attempts (first attempt and two repeats), or he/she is suspended from the University. And under-prepared (Pre-College Curriculum-deficient) student must also demonstrate proficiency in the area(s) of academic deficiency by the time he/she completes 30 semester credit hours at the University, or he/she is suspended from the University.
3. A student must receive a grade of "C" or better in three or fewer attempts (first attempt and two repeats) in the Liberal Studies courses or he/she is suspended from the University.
4. A student who has been re-admitted after suspension and who fails to meet the conditions of her or her reinstatement may be suspended (or dismissed) from the University without appeal.

D. Dismissal from the University

1. A student who has been suspended twice, is on academic probation, and whose current grade-point average falls below 2.0 is dismissed from the University and must remain out of the University for the next two years.
2. A student who has been granted academic bankruptcy (see Section XXII) after a period of suspension and who subsequently becomes liable for suspension will be dismissed from the University.

E. Removal from Major, Minor, or Area of Specialization

1. A student who fails to receive a grade of "C" or better in three or fewer attempts (first attempt and two repeats) in all courses in a major area, area of specialization, or minor area may be removed from that program. The student must petition the Chair or Dean of the Division or College of his or her major and request a 4th attempt at a course.

XXI. Appeal Procedures and Deadlines

- A. All appeals of academic standing will be heard by the Academic Appeals Committee. The Academic Appeals Committee will be composed only of faculty members and appropriate administrators.
- B. A student may appeal to the Academic Appeals Committee only once following each notification of academic standing.
- C. For appeals, students must complete the procedures outlined on the appropriate Academic Appeals Form which is available in the Office of the Registrar. Appropriate documentation (i.e., medical bills, medical records, or funeral bulletins) should be provided. In addition to this written appeal, a student may request to address the Academic Appeals Committee during one of its regularly scheduled meetings if so desired (contact the Appeals Committee Chair.) Personal appearances before the Committee are not allowed unless preceded by the written appeal.
- D. Deadlines for Appeal of Academic Standing:
 1. Appeals of suspension or dismissal from the University MUST be completed and submitted to the Academic Appeals Committee at least two (2) days prior to the first day of classes as published in the University Catalogue for the term (summer session/semester) for which the student is suspended or dismissed.
 2. Appeals of dismissal will not be allowed without exceptional cause which must be supported with valid documentation.
 3. Appeals of late withdrawal from courses or from the University MUST be completed and submitted to the Academic Appeals Committee no later than two (2) days before the next regular academic semester begins.
 4. Appeals of a course grade MUST meet the deadline described in XXI.F.
 5. Exceptions to the above deadlines may be granted if the student shows evidence that he/she was unable to submit an appeal before the deadline due to documented exceptional circumstances.
- E. Frequency of Meetings for Appeals:

1. The Academic Appeals Committee shall meet two (2) days before classes begin as stated in the University's Academic Calendar to consider appeals of academic suspension, withdrawal, or dismissal.
 2. The Academic Appeals Committee shall meet on other occasions only if the appeal load is heavy, if new evidence is brought forth which affects an appeal already acted upon, and/or if there is any other special circumstance in which the welfare of the student is at stake.
- F. **Appealing a Course Grade**
To appeal a course grade, a student must follow the process described below:
1. The student must initiate his/her grade appeal by writing a letter of appeal to the course instructor. This letter must be completed and delivered to the instructor, along with a copy to the student's advisor no later than the end of the third full week of classes during the next regular academic semester (Fall or Spring). No appeal of a course grade will be considered unless a written appeal is made to the instructor by the deadline date. After considering the student's appeal, the instructor must respond in writing to the student, stating whether or not the appeal is granted and stating the instructor's rationale for the decision. The written response must be completed by the end of the fifth full week of classes in the semester of the appeal. If the instructor is no longer employed by the University or is otherwise unavailable, the student must proceed as prescribed in step 2;
 2. If the student is not satisfied with the instructor's decision and wishes to continue the grade appeal, the student must pick up the Academic Appeals Form from the Office of the Registrar and follow the procedures described on the form for continuing an appeal of a course grade; and
 3. If a grade appeal reaches the Academic Appeals Committee, the student and the instructor may be requested to meet with the committee to resolve the appeal.
- G. **Appealing for Retroactive Withdrawal.**
1. Retroactive withdrawal from a course or from the University will be considered only when a student documents to the Academic Appeals Committee that he/she could not meet the scheduled deadline for appropriately withdrawing due to some unforeseen and extraordinary circumstance. The student must make this appeal no later than two days before the next regular academic semester begins. Appeals that do not clearly substantiate the circumstance for missing the withdrawal date will not be considered.
2. Students receiving federal financial aid for the course or term in question may be required to repay the University for withdrawn courses. (They should contact the Financial Aid Office.)
 3. Exceptions to the above policies can be made at the discretion of the Academic Appeals Committee for exceptionally meritorious cases.
- H. **Appeal of Suspension**
1. A student may appeal his/her academic suspension to the Academic Appeals Committee. Exception: appeal of a suspension after reinstatement is not allowed.
 2. A student with a cumulative grade-point average of less than 1.5 must submit documentation with his/her appeal to substantiate that normal academic progress was interrupted due to extraordinary situations.
 3. A student may appeal his/her suspension resulting from three unsuccessful attempts of a course and request a fourth attempt in a course if his/her cumulative grade-point average is a 2.25 or better.
 4. If an appeal of a suspension resulting from a low GPA is granted, a minimum of two (2) courses in which a grade of "D" or "F" was received must be repeated in the term (summer session/semester) of reinstatement unless the course is not offered.
 5. A student who has been re-admitted after suspension and who fails to meet the conditions of his/her reinstatement may be dismissed from the University without appeal.
 6. A notation of suspension will be removed from a student's academic record only if a proven error in the recorded grade or a grade which has been subsequently changed allows him/her to meet minimum academic standards.
 7. Exceptions to the above policies can be made at the discretion of the Academic Appeals Committee for exceptionally meritorious cases.
- I. **Appeal of Dismissal from the University**
1. A student may appeal his/her dismissal under regulation XX.D.1 if documented circumstances beyond the student's control can be proven to have caused the unacceptable academic performance, and that situation is corrected. Exception: appeal of a dismissal after reinstatement is not allowed.
 2. If the student's appeal is granted, the student will be required to abide by an academic contract to be developed in consultation with the student's advisor and the chairperson of the department/division in which the student is majoring. Also, if re-admission is granted, the student will be placed on probation.
 3. A student who has been re-admitted after

dismissal and who fails to meet the conditions of his/her reinstatement may be dismissed from the University without appeal.

4. A student who has been re-admitted after dismissal and who becomes liable for suspension at any time, will not be suspended, but will be dismissed from the University without appeal.
 5. Exceptions to the above policies can be made at the discretion of the Academic Appeals Committee for exceptionally meritorious cases.
 6. After two years, a dismissed student may appeal in writing to the Academic Appeals Committee for re-admission to the University. The student's appeal must include a letter of support from the chairperson of the department/division or the dean of the college/school in which the student was majoring. Also, a letter of support must be submitted from either a faculty member or the student's former advisor.
- J. Appeal of Removal from a Major, Minor, or Area of Specialization
1. A student may appeal his/her removal from a major, minor, or area of specialization according to procedures established by the academic unit.
 2. A student may appeal removal from a major, minor, or area of specialization and request a fourth attempt in such a course (see XX.E) if his/her cumulative grade-point average is 2.0 or better and his/her cumulative grade point average in the major, minor, or area of specialization is 2.5 or better.
 3. If a student has unsuccessfully appealed removal from a major, minor, or area of specialization and if the student has a cumulative grade-point average of 2.0 or better, he/she must be allowed to major in or pursue some other discipline at Kentucky State University.

XXII. Academic Bankruptcy

In certain situations, a student may apply to declare academic bankruptcy. In such cases, the student's academic record for the term(s) specified will be stricken. The bankruptcy policy is subject to the following:

- A. Only a student who has been readmitted to Kentucky State University after an interruption of two or more years is eligible to declare academic bankruptcy.
- B. The student must file a written petition for academic bankruptcy to the Academic Appeals Committee presenting a strong case for supporting the approval of the petition. Reasons for the request (i.e., financial problems, illness, or problems of a personal

nature) should be cited.

- C. The student's entire academic record (all courses) for the stipulated period will have a notation of the bankruptcy action appearing on the transcript.
- D. A student who was on suspension at the time of last attendance and is granted academic bankruptcy and re-admitted to the University, will be placed on probation.
- E. If a student is suspended after having been granted a petition for academic bankruptcy, he/she will be dismissed from the University.
- F. A student cannot declare academic bankruptcy more than once.

XXIII. Policy on ACT and SAT Scores

- A. All full-time degree-seeking students admitted to freshman class status must submit official ACT or SAT scores. If a student has been admitted to a degree program contingent upon receipt of the official test scores, the student must take the ACT to fulfill the requirement during the first semester of enrollment.
- B. All non-degree students are encouraged to submit official ACT or SAT scores if there is any possibility of becoming degree-seeking. Upon the completion of 24 semester credit hours in a non-degree status, a non-degree student is required to reconfirm his/her intention to not pursue a degree from Kentucky State University. The student's advisor will ensure that the student reconfirms his/her intention or takes the steps to become degree-seeking. If such a student changes his/her mind after the accumulation of 24 semester credit hours in a non-degree status, he/she must take the ACT or SAT before converting, regardless of the number of semester credit hours earned.
- C. All transfer applicants with fewer than 24 transferable semester credit hours must submit official ACT or SAT scores, either by those furnished directly to Kentucky State University by the American College Testing Program, by the College Board, or by inclusion in the transcript of the transfer application.

XXIV. Catalogue of Record

- A. A degree-seeking student must meet the Liberal Studies Requirements as published in the Catalogue in effect at the time of enrollment. The student will be subject to the liberal studies requirements so long as he/she remains enrolled with no more than a two-year interruption of studies.
- B. A degree-seeking student can request to change his/her Catalogue of Record for the major to a

subsequent edition if the major requirements change after a student declares a major. A written request to change the Catalogue of Record must be submitted to his/her advisor for approval and forwarded to the Office of the Registrar. If a student elects to fulfill the old requirements for the major listed in his/her Catalogue of Record, but required courses are no longer offered, he/she may substitute other courses with the approval of the chair of the department or the dean of the appropriate college.

- C. Students who complete a degree and wish to pursue an additional degree without interruption will have the option of selecting requirements for the additional degree in effect at the time of either initial enrollment or of declaration of the second degree. To be eligible to pre-register for the semester following completion of the first degree, the student must attach a letter of intent to the Application for Degree form. (Please see section on Subsequent Degrees for additional information.)

- D. A student who changes his/her major must meet the major requirements as published in the most recent Catalogue. The Major Change Form must be obtained from the Office of the Registrar and must be returned with all necessary approval signatures.
- E. A student who changes from non-degree status to degree-seeking status must meet the requirements as published in the Catalogue in effect at the time the student becomes degree-seeking.
- F. A student pursuing a curriculum leading to certification or licensure must meet the curriculum requirements in effect at the time he/she graduates.

The preceding policies apply to all students enrolled in undergraduate courses at Kentucky State University. In some cases, different policies apply to students enrolled in graduate courses. In these cases, graduate students are governed by the policies included in the Master of Public Administration sub-section of the Catalogue.

CREDIT BY EXAMINATION/ CERTIFICATION AND CREDIT FOR LIFE EXPERIENCE

With the exception of students in the Administrative Support Services Program who receive credit for the Certified Professional Secretaries' (CPS) exam, up to one-fourth the minimum number of semester credit hours required for completion of a baccalaureate degree or an associate degree at Kentucky State University may be earned through any combination of credit by examination/certification and credit for life experience. Credit by examination may be earned through Academic Unit Challenge Examinations and by satisfactory performance on College Level Examination Program (CLEP) tests, the Proficiency Examination Program, and the Advanced Placement Program examinations. Satisfactory performance on the latter three shall be based upon the score established by the appropriate University official. Credit (not a letter grade) shall be entered on the student's record by the Office of the Registrar. More information is available at the Office of the Registrar.

ACADEMIC UNIT CHALLENGE EXAMINATIONS

A student intending to challenge a course must complete registration for the course, including payment of applicable fees, during the registration period and must receive the approval of his/her advisor and the chairperson or dean through which the course is offered. The chairperson may deny the request if it is determined that the student has not furnished evidence that he/she is reasonably prepared to take the challenge examination.

The challenge examination must be taken before the beginning of the third week of classes during the fall and spring semesters and before the end of the first week of classes during a summer session. A student who wants to challenge a course must attend the respective class before taking the challenge examination.

The challenge examination will be comprehensive in nature and will have been approved by the dean or chairperson as an acceptable examination. A passing grade ("P") on the challenge examination is the sole determinant of successful completion. No grade is assigned if the student fails the examination. Challenge examination grades will be reported on the official Grade Roster at the conclusion of the semester/session.

If the student fails the challenge examination, then he/she may either attend the class as a regular student or withdraw from the course. If the student chooses to withdraw from the course, then the University's existing

withdrawal policies apply. A student may not take a challenge examination for classes previously failed.

A student may challenge a course only one time, and no challenge examination will be administered for courses for which CLEP examinations are available.

Courses that May Be Challenged by Examination University Courses

			Hours
ACC	201	Principles of Accounting I	3
ACC	202	Principles of Accounting II	3
ADM	100	Elementary Keyboarding	3
ADM	103	Intermediate Keyboarding	3
ADM	121	Introduction to Business	3
ADM	230	Word Processing	3
BIO	220	Medical Terminology	2
BUA	101	Computer Applications in Business	3
COS	100	Introduction to Computers	3
COS	101	Programming in BASIC	3
COS	108	Principles of Computer Science I	4
COS	109	Principles of Computer Science II	4
COS	180	Advanced Programming in BASIC	3
COS	230	Programming in COBOL	3
COS	240	File Processing	3
ECO	311	Business Statistics I	3
EDU	294	Introduction to Teaching*	3
HED	221	Personal Health & Lifetime Fitness	2
INT	101	Engineering Drafting I	3
INT	102	Engineering Drafting II	3
INT	124	Basic Electricity (AC and DC)	3
INT	126	Motors and Controls	3
INT	128	Solid State Devices	3
INT	130	Digital Logic Circuits	3
INT	208	Computer-Aided Drafting I	3
MAT	103	Foundations of Mathematics	3
MAT	104	Foundations of Mathematics II	3
MAT	110	Intermediate Algebra	3
MAT	120	Precalculus	4
MAT	125	Linear Algebra and Differential	
		Calculus with Bus. Applications	3
MAT	131	Calculus and Analytic Geometry I	5
MAT	132	Calculus and Analytic Geometry II	5
MUS	101	Music Theory to 1450	3
MUA	120	Minor Applied I	1
MUA	220	Minor Applied II	1
PUA	170	Public Sector Management	3

* Examinee MUST document the field component of this course in order to receive academic credit.

ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) Program is offered in participating high schools across the country. High school students should consult with their guidance counselor or principal regarding the availability of AP courses in their school, how to register for them, and AP testing schedules and fees.

Currently, Kentucky State University awards semester credit hours for 15 of the AP examinations. (Some examinations provide credit for two courses.)

Code 1368 should be used by the examinee to have the University designated as an AP examination score recipient.

Following are the University courses for which Advanced Placement Program credit is given, plus the appropriate AP examination for each and the minimum score required to receive University credit:

University Courses			Semester Credit Hours	AP Exam	Minimum Score
ART	201, 202	Art History Survey I and II	6	History of Art	3
BIO	101	Life Science	3	Biology	3
BIO	111	Principles of Biology	4	Biology	4
CHE	101	General Chemistry I	3	Chemistry	3
ECO	201	Principles of Economics I	3	Microeconomics	3
ECO	202	Principles of Economics II	3	Macroeconomics	3
ENG	101	English Composition I	3	English Language & Composition	3
ENG	101, 102	English Composition I & II	3	English Language & Composition	4
FRE	101	Elementary French I	3	French Language	3
FRE	101, 102	Elementary French I and II	6	French Language	4
HIS	201	U.S. History to 1865	3	American History	3
HIS	201, 202	U.S. History to 1865 & since 1865	6	American History	4
MAT	131	Calculus and Analytic Geometry I	5	Calculus AB	3
MAT	131, 132	Calculus and Analytic Geometry I & II	10	Calculus BC	3
PHY	111	Introduction to Physics I	3	Physics B	3
PHY	211	General Physics I	5	Physics C: Mechanics	3
PHY	212	General Physics II	5	Physics C: Electricity & Magnetism	3
SPA	101	Elementary Spanish I	3	Spanish Language	3
SPA	101, 102	Elementary Spanish I and II	6	Spanish Language	4

COLLEGE LEVEL EXAMINATION PROGRAM

The College Level Examination Program (CLEP) is a series of standardized examinations recognized by many colleges and universities. Successful completion of these examinations enables students to receive credit for courses for which they have gained commensurate knowledge through reading and other experiences. Currently, Kentucky State University awards semester credit hours for 21 University courses through CLEP examinations.

The CLEP examinations are given at the University by appointment. Students should take the appropriate CLEP examination the semester before the one in which they would otherwise take the corresponding Kentucky State University course. If unsuccessful on the CLEP

examination, students can register for the course during the next semester. Registration for CLEP examinations should be completed with the University's Office of Testing.

For most of the CLEP examinations, Kentucky State University uses the minimum passing score on the objective portions recommended by the Commission on Educational Credit of the American Council on Education.

More information, including the current fees, is available at the University's Testing Service. The University courses for which CLEP credit is given, as well as the appropriate CLEP examination for each minimum score required to receive University credit, are the following:

University Courses			Semester Credit Hours	CLEP Exam	Minimum Score
BIO 101	Life Science		3	General Biology	50
BIO 111	Principles of Biology		4	General Biology	50
CHE 101	General Chemistry I		3	General Chemistry	50
ECO 201	Principles of Economics I		3	Introductory Microeconomics	50
EDU 221	Human Growth: Life Span Dev.		3	Human Growth and Development	50
ENG 101	English Composition I		3	Freshman College Composition	50
FRE 101	Elementary French I		3	College French Level I	50
FRE 102	Elementary French II		3	College French Level II	62
HIS 101	World Civilization I		3	Western Civilization I (Ancient Near East to 1648)	50
HIS 102	World Civilization II		3	Western Civilization II (1648 to the Present)	50
HIS 201	U.S. History to 1865		3	History of the U.S. I (Early Colonizations to 1877)	50
HIS 202	U.S. History since 1865		3	History of the U.S. II (1865 to the Present)	50
MGT 301	Principles of Management		3	Introduction to Management	50
MKT 301	Principles of Marketing		3	Introductory Marketing	50
POS 101	American Government		3	American Government	50
PSY 200	General Psychology		3	Introductory Psychology	50
SOC 203	Principles of Sociology		3	Introductory Sociology	50
SPA 101	Elementary Spanish I		3	College Spanish Level I	50
SPA 102	Elementary Spanish II		3	College Spanish Level II	66

PROFICIENCY EXAMINATION PROGRAMS

Nursing: Kentucky State University's Department of Nursing offers Licensed Practical Nurses (LPN's) the opportunity to be exempted from taking NUR 101 (Nursing I) by successfully completing the ACT-PEP Fundamentals of Nursing Examination and a nursing skills test administered by the Department of Nursing. A minimum of 50 is required on the ACT-PEP, and a satisfactory performance is required on the nursing skills test. Code 1516 must be used to designate Kentucky State University as a score recipient. Interested students should contact the chairperson of the Department of Nursing.

Foreign Languages: The area of Modern Foreign Languages offers proficiency examinations for students with prior experience in French, Italian, and Spanish. Students who demonstrate competency in a foreign language by making the necessary score on a proficiency examination may qualify for a 102 level foreign language course (or above) depending upon their score. Students demonstrating competency above the 102 level are considered to have fulfilled the foreign language requirement of the University's Liberal Studies Requirements. However, students demonstrating foreign language competency through a proficiency examination will not receive academic credit. Foreign language proficiency examinations may not be repeated.

CREDIT FOR LIFE EXPERIENCE (CLE)

The "Credit for Life Experience" program is a Kentucky State University option which affords an adult student, who has significant learning generated by life experiences, the opportunity to document this learning for possible academic credit. To be eligible for the program, a student must::

- 1) enroll in CLE 299 (Portfolio Development) with the approval of the CLE instructor;
- 2) be an associate or baccalaureate degree-seeking student and have completed both ENG 101 (English Composition I) and MAT 111 (Intermediate Algebra), or their equivalents at other institutions; and
- 3) have significant life experience that is equivalent to selected and approved coursework offered by the University. A student is eligible to take CLE 299 and complete the assessment process only once in each five-year period.

The successful completion of CLE 299 results in the development of a portfolio that documents the student's learning through life experience and becomes the basis for the formal request for academic credit. Academic credit through assessment is granted only for related courses taught by the University's faculty as part of the degree programs of Kentucky State University. Academic credit is not available for any course that state or accrediting agency policy does not allow to be granted by assessment. The portfolio can be assessed only after the student has been billed for and has paid a non-refundable fee equal to one-third the prevailing tuition rate per semester credit hour for the sum of all credits requested through the portfolio.

A student may earn up to one-fourth the minimum number of semester credit hours required for completion of an associate or a baccalaureate degree under the Credit for Life Experience option provided that no other credit by examination/certification has been earned (including CLEP and Challenge Examinations). A student who intends first to complete an associate degree program and then work toward a baccalaureate degree may "bank" credits above one-fourth the minimum number of semester credit hours, which would then become applicable toward a baccalaureate degree. The payment will amount to one-third of the appropriate prevailing tuition rate.

The Credit for Life Experience program is administered by the Office of Continuing and Distributed Education.

ARMED SERVICE CERTIFICATION CREDIT

Armed service school courses taken by armed service personnel will be granted credit as recommended in the *Guide to the Evaluation of Educational Experience in the Armed Services*. Certificates of completion of such courses must be presented for the awarding of credit. Interested students should see the VA Specialist in the Office of the Registrar for assistance.

VOCATIONAL SCHOOL ARTICULATION AGREEMENT

Kentucky State University, through an articulation agreement with regional post-secondary vocational and technical schools, awards semester credit hours to applicants who continue their technical field of study in Nursing, Industrial Technology, or Administrative Support Services at the University. Inquiries relating to this agreement should be directed to the College of Professional Studies.

TECH PREP ARTICULATION AGREEMENTS

Kentucky State University, through articulation agreements with some local high schools, offers credit to students graduating from business education and continuing their studies in Administrative Support Services. Inquiries relating to these agreements should be directed to the School of Business.

CERTIFIED PROFESSIONAL SECRETARIES' (CPS) DESIGNATION

Kentucky State University awards semester credit hours to applicants who have successfully completed the Certified Professional Secretaries' (CPS) exam and maintain current CPS designation. Inquiries relating to this exam should be directed to the School of Business.

TESTING SERVICE

The University's Office of Testing is responsible for the administration, scoring, reporting, and record keeping for a number of nation-wide standardized testing programs and services, as well as for specialized institutional testing programs and services. The specific tests and programs may vary as the University's programs change, but they currently include the following:

1. The American College Testing (ACT) Program (the preferred entrance test for Kentucky State University). A score of 21 or above is required for all applicants to the Nursing program and Education program;
2. Rising Junior Assessment—required of all university students seeking a baccalaureate degree. Assessment is scheduled after the student has earned 60 semester hours. The student must pass all sections of the Assessment by the time he/she has earned 96 credit hours. This is a comprehensive exam required of all students to assess general education competency;
3. The College Level Examination Program (CLEP) (a procedure for receiving college credit for specific courses by passing the computer based national examination);
4. The Scholastic Aptitude Test (SAT I & II) (required by some colleges or universities for entrance may be used as an alternate test for admission to Kentucky State University in certain cases);
5. Correspondence examinations (The Office of Testing will proctor examinations for persons taking courses from other universities or correspondence courses);
6. Advanced Placement (AP) (credit awarded to participating high school students);
7. Career Planning Program Exam-Level II (CPP2) (a test provided for admission to the University as an

alternate entrance exam and designed for adults 21 years or older who are pursuing an associate degree);

8. Professional Assessment for Beginning Teachers (PRAXIS) (required for students seeking Teacher Certification).

In addition, the Office of Testing has the official registration forms and information for other testing programs, such as the American College Testing (ACT), Graduate Management Admissions Test (GMAT), the Law School Admissions Test (LSAT), the Medical College Admissions Test (MCAT), the Test of English as a Foreign Language (TOEFL), and the Test of Spoken English (TSE). The Office of Testing also receives test scores from other programs, such as the Advanced Placement Program, and distributes these scores to the proper academic units. Moreover, the Office of Testing offers consultation services to students, faculty, staff, and administrators on a variety of test-related topics including test preparation, test-taking skills, and test usage and interpretation.

Students planning to take any of the above tests should keep in mind that most tests are given only a few times a year on specific dates. The date selected should provide time for the scores to be received by the institution by the announced deadline. Ordinarily it takes four to six weeks after the test for the results to be available. Most tests require registration about one month in advance of the actual test date.

Complete details on the above testing services and programs, including test/registration deadlines and fees, are available from the Office of Testing. Information on the ACT, Advanced Placement Program, and SAT is also available from high school counselors or principals.

STUDENT EXPENSES

Expenses associated with attending Kentucky State University are intentionally kept as reasonable as possible to help ensure access to the University's programs. During the 2003-2004 academic year, the following academic year expenses apply:

Resident (in-state) students	Undergraduate
Tuition	\$2,828
Board	3,100
Room* (double occupancy)	2,366
Student Activity Fee	418
Computer Usage Fee	<u>124</u>
Total	\$8,836

Nonresident (out-of-state) students	Undergraduate
Tuition	\$8,472
Board	3,100
Room* (double occupancy)	2,366
Student Activity Fee	418
Computer Usage Fee	<u>124</u>
Total	\$14,480

Resident (in-state) students	Graduate
Tuition	\$3,096
Board	3,100
Room* (double occupancy)	2,366
Student Activity Fee	418
Computer Usage Fee	<u>124</u>
Total	\$9,104

Nonresident (out-of-state) students	Graduate
Tuition	\$9,332
Board	3,100
Room* (double occupancy)	2,366
Student Activity Fee	418
Computer Usage Fee	<u>124</u>
Total	\$15,340

*Single occupancy per annum:	
Regular	\$3,290

Additional money should be budgeted for other expenses. Books and supplies will cost an estimated \$900 per year, and personal expenses are estimated at \$2,100 a year.

Tuition for part-time undergraduate students (those carrying fewer than 12 semester credit hours a semester) in 2003-2004 is \$118 a semester credit hour for Kentucky residents and \$355 a semester credit hour for non-residents.

The activity fee and room and board charges for graduate students are the same as those for undergraduates. Tuition for part-time graduate students (those carrying fewer than 9 semester credit hours a semester) in 2003-2004 is \$172 a semester credit hour for Kentucky residents and \$521 a semester credit hour for non-residents.

The cost of attending the University is considerably less than that at private liberal arts institutions to whose academic programs and institutional goals the University may best be compared. Kentucky State University acknowledges, however, that many students require some form of financial assistance in order to support their study at the University. Kentucky State University provides a wide range of such support through a program of scholarships, grants, college work-study, and low-interest loans. Approximately 85 percent of the students currently enrolled in the University receive some form of financial assistance, based upon individual need or merit. Information about financial assistance is in the Financial Aid and Scholarships section of the catalog.

All fees are subject to change without notice.

International students are required to make payments in U.S. dollars.

SCHEDULE OF FEES AND EXPENSES, 2003-2004

Semester Costs for Full-Time Students

BOARDING STUDENTS			NON-BOARDING STUDENTS	
In-State	Undergraduate	Graduate	Undergraduate	Graduate
Tuition	\$1,414	\$1,548	\$1,414	\$1,548
Board	1,550	1,550	0	0
Room (double occupancy)*	1,183	1,183	0	0
Student Activity Fee	209	209	209	209
Computer Usage Fee	62	62	62	62
Total	\$4,418	\$4,552	\$1,685	\$1,819
Out-of-State	Undergraduate	Graduate	Undergraduate	Graduate
Tuition	\$4,236	\$4,666	\$4,236	\$4,666
Board	1,550	1,550	0	0
Room (double occupancy)*	1,183	1,183	0	0
Student Activity Fee	209	209	209	209
Computer Usage Fee	62	62	62	62
Total	\$7,240	\$7,670	\$4,507	\$4,937

*Single occupancy per semester: Regular: \$1,645; Suite and apartment occupancy per semester: \$1,435.

Semester Credit Hour Costs for Part-Time Students

Undergraduate	Graduate
In-state \$118 per semester credit hour	In-State \$172 per semester credit hour
Out-of-state \$355 per semester credit hour	Out-of-state \$521 per semester credit hour
Activity Fee \$25 per semester credit hour	Activity Fee \$25 per semester credit hour
Computer Usage Fee \$43 per semester	Computer Usage Fee \$43 per semester

A student enrolled for 12 or more semester credit hours constitutes a full-time undergraduate student. A student enrolled for 9 or more graduate-level semester credit hours constitutes a full-time graduate student.

All fees are subject to change without notice.

Course and Laboratory Fees

Administrative Support Services	\$18/course	427, 505, 509, 511, 527, 560
ADM 100, 103, 222, 225, 228, 230, 231		
Apparel Retail Marketing	\$18/course	
ARM 221,222		
Art	\$18/course	
ART 101, 113, 240, 245, 305, 306, 307, 315, 317, 319, 340, 345, 405, 407, 415, 417, 419, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 451, 452, 453		
Biology	\$18/course	
BIO 101, 107, 108, 111, 204, 210, 212, 301, 302, 303, 304, 305, 307, 308, 309, 317, 318, 406, 408, 410, 411,		
Chemistry	\$31/course	
CHE 110, 120, 210, 220, 203, 307, 308, 314, 350		
Child Dev. and Family Relations	\$18/course	
CDF 206, 407, 408		
Computer Science	\$13/course	
COS 100, 101, 108, 109, 180, 200, 230, 240, 250, 300, 301, 312, 340, 350, 380, 410, 420, 460, 470, 490		
Industrial Technology	\$18/course	
INT 101, 124, 126, 127, 128, 129, 130, 208, 210, 212,		

215, 226, 227, 229, 230, 231, 235, 240, 245, 246, 250, 255, 290, 299

Music

Private lessons for fall and spring:

Piano, Voice, and Organ -

1 half-hour lesson/week **\$38**

2 half-hour lessons/week **\$62**

Nursing

NUR 101, 102, 201, 202 **\$31/course**

Testing fee **\$18.00**

Exit senior exam **\$38.00**

Annual insurance fee **varies**

Physical Sciences

\$13/course

PHS 201, 202

Physics

\$13/course

PHY 111, 112, 207, 208, 211, 212, 320, 340, 361

Public Administration

\$310/course

PUA 797

COMPUTER USAGE FEE

There is a mandatory charge of \$62 per semester for each full-time student and a \$43 fee for each part-time student (full-time is defined as 12 or more semester credit hours for undergraduate students and 9 or more semester credit hours for graduate students; part-time is defined as less than 12 semester credit hours for undergraduate students and less than 9 semester credit hours for graduate students). All students taking three or more courses in any semester which require the use of direct computing support through classes or laboratory periods will incur an additional \$5.00 charge per semester or a total of \$67 if a full-time student, and \$48 if a part-time student. These mandatory fees will be dedicated to the future replacement/upgrade of computer acquisitions as well as to offset the cost of current provisions of equipment, software, and operating expenses.

OTHER FEES

Application Fee **\$18**

Application Fee (International students) **\$62**

Auto Registration (Students) **\$25/year**

Auto Registration (Faculty/Staff) **\$74/year**

Damage Deposit **\$31**

Deferred Payment **\$49/semester**

Diploma (Undergrad) Replacement **\$13**

Diploma/Cover (Undergrad) Replacement **\$20**

Diploma (Grad) Replacement **\$20**

Diploma/Cover (Grad) Replacement **\$40**

Drop/Add **\$13/add or drop**

Graduation Fee (undergraduates; ex. cap & gown) **\$31**

Graduation Fee (graduates; ex. cap & gown) **\$62**

ID/Meal Card Replacement **\$25/card**

Key Deposit **\$31/year**

Key Replacement **\$49/key**

Late Registration **\$74/semester**

Reinstatement Fee **\$62/semester**

Returned Check **\$31**

Room Reservation Fee **\$112/year**

Social Fee **\$13/year**

Student Activity **\$110/semester**

Transcript (one free with degree) **\$4**

TESTING

(Check Testing Office for current fee charges)

ACT National **\$26**

ACT Residual **\$26**

KSU/CLEP **\$15**

CLEP **\$65**

CPP-2 **\$16**

GMAT **\$200**

GRE Test **\$115**

LSAT **\$103**

MCAT **\$180**

PRAXIS Subject **\$70/85**

PRAXIS registration **\$35**

SAT I **\$25**

SAT II registration **\$14**

TOEFL Standard **\$110**

Testing Transcript **\$2**

All fees are subject to change without notice.

NOTE: International students are required to make payment in U.S. dollars.

DEFERRED PAYMENT PLANS: FEES AND PAYMENT SCHEDULES

Deferred Payment Plans. A student who does not have the total amount to cover fees for the semester may be eligible for a deferred payment plan. Eligibility is determined by:

- 1) all accounts being settled in full;
- 2) the student having been processed by Financial Aid; and
- 3) his/her award, including all loan programs (excluding PLUS loans) not being sufficient to cover his/her semester charges.

The student may choose between the **deferred payment plan** (promissory note) or the **monthly payment plan**. At registration, payment is due regardless of the status of a student's financial aid. With the promissory note, half of the note amount for uncovered charges is due. The required payment does not include payment from any type of financial aid. A student approved for the promissory note will be assessed a \$49 deferred payment fee and will make payments in accordance with the following schedule:

Payment Due Date	Amount Due
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Fall Semester

Day of registration	One-half of the note amount
By the first Friday of October	One-quarter of remaining balance
By the first Friday of November	The remaining balance

Spring Semester

Day of registration	One-half of the note amount
By the first Friday of March	One-quarter of remaining balance
By the first Friday of April	The remaining balance

In addition to the Deferred Payment Plan, Kentucky State University offers a Monthly Payment Plan. This Plan enables families to spread all or part of their annual educational expenses over ten equal, monthly payments. This eliminates the lump sum payment usually due at the start of each semester. There is a \$40 annual service fee. The plan is flexible and may be adjusted at any time throughout the duration of the process. There are no interest or other charges. Further information, is available at the Office of Financing and Collections at (502) 597-6278.

RETURNED CHECK POLICY

Personal checks are accepted campus wide for a variety of services (e.g. tuition and fees, day care, traffic tickets, bookstore, etc.). With a valid KSU identification card, checks may be cashed by the KSU family. Should the check be returned from the bank, however, for whatever reason, a returned check fee will be assessed to the individual's account. A person cannot have more than two (2) returned checks in a given semester. If more than two checks are returned, check cashing privileges will be revoked.

Any check written during registration greater than \$100 which is returned from the bank will result in that particular student's classes being dropped from the system. Upon receipt of the returned check, the issuer will be notified and informed they have ten days to make restitution*, including any related fees, to prevent any further collection activity. After the ten day period has expired, the returned check will be forwarded to the County Attorney in Frankfort for collection purposes.

*Restitution must be made in the form of cash, certified check or money order.

TUITION AND FEE REFUND POLICY

Students withdrawing from the University or dropping semester credit hours which result in a change in the assessment of fees will be eligible for a refund of fees based on the dates and conditions listed hereafter. No refund can be made on certain fees and optional fees as established by the Kentucky State University Board of Regents. The date of completion of the withdrawal/drop determines the percent of refund for

which the student is eligible. A withdrawal/drop is complete when the necessary form(s) have been completed and returned to the designated office.

REFUND PROCESS

For purposes of calculating refunds, "weeks" are counted as seven-day periods beginning with the first day of classes for the semester. Refunds will be issued on canceled classes and early withdrawals in accordance with the institutional refund policy. Refunds to be issued from Title IV financial aid will be issued within fourteen days from the date funds are applied to the student's account resulting in a credit balance.

Questions concerning refunds should be directed to the Bursar's Office (ASB Lobby).

Any students who receive a Title IV financial aid Pell Grant, Federal SEOG, Federal Perkins Loan, Federal Direct or PLUS loans and withdraw from University are subject to the **Return of Title IV Funds** regulations. Students with funds from any of these programs "earn" their financial aid dollars while enrolled. If a student withdraws prior to completing 60% of a term, a prorated portion of his/her federal financial aid dollars must be considered "unearned" and returned to the federal programs. Unearned financial aid dollars which have to be returned to the federal programs could cause students to owe the University a significant amount upon withdrawal. Failure to return aid back to their federal programs will result in loss of eligibility for federal financial aid assistance.

Federal funds to be returned are distributed to the programs as follows:

- Unsubsidized Federal Direct Stafford Loans
- Subsidized Federal Direct Stafford Loans
- Federal Direct PLUS Loans
- Federal Perkins Loans
- Federal Pell Grants
- Federal Supplemental Educational Opportunity Grants (FSEOG)
- Other Student Financial Aid Programs
- Other federal, state, private, or institutional sources of aid
- The Student

Those students who do not receive Title IV aid who withdraw from the University are calculated according to the following schedule:

Fall and Spring Semesters

- 100 percent refund — Prior to the first day of classes and during the first week of classes
- 75 percent refund — During the second week of classes
- 50 percent refund — During the third week of classes

25 percent refund — During the fourth week of classes

No refund will be made after the fourth week of classes.

Summer Session

100 percent refund — Prior to the end of late registration

75 percent refund — Two days after the end of late registration

50 percent refund — Next four days after the end of late registration

25 percent refund — Next two days after the end of late registration

No refund will be made nine days after the end of late registration.

ROOM AND BOARD REFUNDS

No refund of room and board fees will be made or adjusted for students withdrawing for the academic year or moving out of the dormitories if an application is not completed and returned within a 48-hour period from the official date of registration, unless approved by the Vice President for Student Affairs.

REFUND APPEAL PROCESS

A committee, chaired by the Vice President for Student Affairs, and composed of the Vice President for Finance and Administration and the Vice President for Academic Affairs or their designees reviews all appeals from students or parents/guardians who feel that individual circumstances warrant exemption from policy. Requests for appeals should be sent to the Vice President for Student Affairs.

FEE ASSESSMENT: CLASSIFICATION OF STUDENTS

The following is a statewide residency policy affecting students at all public higher education institutions in Kentucky, including Kentucky State University. It was established by the Council on Postsecondary Education and is subject to change. Any additional information can be obtained from the Office of Admissions.

UNIVERSITY RESIDENCY PROCESS AND APPEALS

The Office of Admissions determines the residency status of students at the time of application to the University. A student who questions his/her residency status, whether a new applicant or a currently enrolled student, should direct all inquiries to the Office of Admissions. Upon completion of the required affidavit by the student and provision of all required documentation, a residency decision will be made by the Office of Admissions. A student may appeal this decision through the Office of Admissions to the University Residency Admission/Recruitment Committee, which is established to consider residency-classification appeals. Appeals should be addressed to the Director of Admissions, Kentucky State University, 400 E. Main Street, Academic Services Building, Frankfort, KY 40601. The student will be notified in writing of the decision rendered at each level of the appeal. If the decision by the committee is not satisfactory, a student may make a final appeal to the Executive Director of the Council on Postsecondary Education.

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

RELATES TO: KRS Chapter 13B, 164.020, 164.030, 164A.330(9)

STATUTORY AUTHORITY: KRS 164.020(8)

NECESSITY, FUNCTION, AND CONFORMITY

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

Section 1: Definitions

1. "Academic term" means a division of the school year during which a course of studies is offered, and includes a semester, quarter, or single consolidated summer term as defined by the institution.

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

Section 2: Scope.

1. State-supported post-secondary education institutions were established and are maintained by the Commonwealth of Kentucky primarily for the benefit of qualified residents of Kentucky. The substantial commitment of public resources to post-secondary education is predicated on the proposition that the state benefits significantly from the existence of an educated citizenry. As a matter of policy, access to post-secondary education shall be provided so far as feasible at reasonable cost to an individual who is domiciled in Kentucky and who is a resident of Kentucky.
2. The Council on Post-secondary Education requires a student who is neither domiciled in nor a resident of Kentucky to meet higher admission standards and to pay a higher level of tuition than resident students.
3. This administrative regulation applies to all

student residency determinations regardless of circumstances, including the Southern Regional Education Board contract spaces; reciprocity agreements, where appropriate; and the Kentucky Commonwealth Virtual University and academic common market programs.

Section 3: Determination of Residency Status; General Rules

1. A determination of residency shall include:
 - (a) An initial determination of residency status by an institution during the admission process or upon enrollment in an institution for a specific academic term or for admission into a specific academic program;
 - (b) A reconsideration of a determination of residency status by an institution based upon a changed circumstance; and
 - (c) A formal hearing conducted by an institution upon request of a student after other administrative procedures have been completed.
2. An initial determination of residency status shall be based upon:
 - (a) The facts in existence when the credentials established by an institution for admission for a specific academic term have been received and during the period of review by the institution;
 - (b) Information derived from admissions materials;
 - (c) Other materials required by an institution and which are consistent with this administrative regulation; or
 - (d) Other information available to the institution from any source.
3. An individual seeking a determination of Kentucky residency status shall demonstrate such status by a preponderance of the evidence.
4. A determination of residency status shall be based upon verifiable circumstances or actions.
5. Evidence and information cited as the basis for Kentucky domicile and residency shall accompany the application for a determination of residency status.
6. A student classified as a non-resident shall retain that status until the student is officially reclassified by an institution.
7. A student may apply for a review of a determination of residency status once for each academic term.
8. If an institution has information that a student's residency status may be incorrect, the institution shall review and determine the student's correct residency status.
9. If the Council on Postsecondary Education has information that an institution's determination of residency status for a student may be incorrect,

it may require the institution to review the circumstances and report the results of that review.

10. An institution shall impose a penalty or sanction against a student who gives incorrect or misleading information to an institutional official, including payment of non-resident tuition for each academic term for which resident tuition was assessed based on an improper determination of residency status. The penalty may also include:
 - (a) Student discipline by the institution through a policy written and disseminated to students; or
 - (b) Criminal prosecution.

Section 4: Presumptions Regarding Residency Status

1. In making a determination of residency status, it shall be presumed that a student is a non-resident if
 - (a) He/she is, or seeks to be, an undergraduate student, and admissions records show that he/she is a graduate of an out-of-state high school;
 - (b) His/her admissions records indicate that his/her residence is outside of Kentucky at the time of application for admission;
 - (c) He/she moves to Kentucky primarily for the purpose of enrollment in an institution;
 - (d) He/she moves to Kentucky and within twelve (12) months enrolls at an institution more than half time; or
 - (e) He/she has a continuous absence of one (1) year from Kentucky.
2. A presumption arising from sub-section (1) of this section shall be overcome by a demonstration of Kentucky domicile and residency.

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

1. In a determination of residency status, an institution shall first determine whether a student is dependent or independent. This provision is predicated on the assumption that a dependent person lacks the financial ability to live independently of the person upon whom the student is dependent and, therefore, lacks the ability to form the requisite intent to establish domicile.
2. In determining the dependent or independent status of a person, the following information as well as other relevant information shall be considered available at the time the determination is made:
 - (a) 1. That the person has not been claimed as a dependent on the federal or state tax returns of a parent or other person for the year preceding the date of applica-

tion for a determination of residency status; or

2. That the person is no longer claimed by a parent or other person as a dependent or as an exemption for federal and state tax purposes; and
 - (b) That the person has financial earnings and resources independent of a person other than an independent spouse necessary to provide for the person's own sustenance.
3. An individual who enrolls at an institution immediately following graduation from high school and who remains enrolled shall be presumed to be a dependent person unless the contrary is evident from the information submitted.
 4. Domicile may be inferred from the student's permanent address, parents' mailing address, or location of high school of graduation.
 5. Marriage to an independent person domiciled in and who is a resident of Kentucky shall be considered by an institution in determining whether a student is dependent or independent.
 6. Financial assistance from or a loan made by a parent or family member other than an independent spouse, if used for sustenance of the student shall:
 - (a) not be considered in establishing a student as independent; and
 - (b) be a factor in establishing that a student is dependent.

Section 6: Effect of a Determination of Dependent or Independent Status on a Determination of Residency Status.

1. The effect of a determination that a person is dependent shall be as follows:
 - (a) The domicile and residency of a dependent person shall be the same as either parents'. The domicile and residency of the parent shall be determined in the same manner as the domicile and residency of an independent person.
 - (b) The domicile and residency of a dependent person whose parents are divorced, separated, or otherwise living apart shall be Kentucky if either parent is domiciled in and is a resident of Kentucky regardless of which parent has legal custody or is entitled to claim that person as a dependent pursuant to Kentucky income tax provisions.
 - (c) 1. If the parent(s) of a dependent person are Kentucky residents and are domiciled in Kentucky but subsequently move from the state, the dependent person shall be considered a resident of Kentucky while in continuous enrollment at

the degree level in which currently enrolled.

2. If continuous enrollment is broken or the current degree level is completed, the dependent person's residency status shall be reassessed in light of the circumstances detailed in subparagraph 1 of this paragraph.
 - (2) If the sole parent or both parents of a dependent person move out of state, Kentucky domicile and residency, having been previously established, shall be retained until steps are taken to establish domicile and residency elsewhere.

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

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

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

1.
 - (a) A person holding a permanent residency visa or classified as a political refugee shall

- establish domicile and residency in the same manner as any other person.
- (b) Time spent in Kentucky and progress made in fulfilling the conditions of domicile and residency prior to obtaining permanent residency status shall be considered in establishing Kentucky domicile and residency.
2. A person holding a non-immigrant visa with designation A, E, G, H, I, L, N, O, P, R, S, TD, or TN shall establish domicile and residency the same as any other person.
 3.
 - (a) An independent person holding a non-immigrant visa with designation B, C, D, F, J, K, M, or Q shall not be classified as a Kentucky resident, because that person does not have the capacity to remain in Kentucky indefinitely and therefore cannot form the requisite intent necessary to establish domicile within the meaning of this administrative regulation.
 - (b) A dependent person holding a visa as described in paragraph (a) of this subsection, but who is a dependent of a parent holding a visa as described in subsection (2) of this section, shall be considered as holding the visa of the parent.
 - (c) A dependent person holding a visa described in subsection (2) of this section or paragraph (a) of this subsection, if a parent is a citizen of the United States and is a resident of and domiciled in Kentucky, shall be a resident of Kentucky for the purposes of this administrative regulation.

Section 9: Beneficiaries of a Kentucky Educational Savings Plan Trust

A beneficiary of a Kentucky Educational Savings Plan Trust shall be granted residency status if the beneficiary meets the requirements of KRS 164A.330(9).

Section 10: Criteria Used for Determining Residency Status

1. A determination of Kentucky domicile and residency shall be based upon verifiable circumstances or actions. A single fact shall not be paramount, and each situation shall be evaluated to identify those facts essential to the determination of domicile and residency.
2. The following facts, although not conclusive, shall have probative value in their entirety and shall be individually weighted, as deemed appropriate to the facts and circumstances in each determination of residency:
 - (a) Acceptance of an offer of full-time employment or transfer to an employer in Kentucky or a contiguous area while maintaining residence and domicile in Kentucky;

- (b) Continuous physical presence in Kentucky while in a non-student status for the twelve (12) months immediately preceding the start of the academic term for which a classification of Kentucky residency is sought;
- (c) 1. Filing of Kentucky resident income tax return for the calendar year preceding the date of application for a change in residency status; or
 2. Payment of Kentucky withholding taxes while employed during the calendar year for which a change in classification is sought;
- (d) Full-time employment for at least one (1) year while living in Kentucky;
- (e) Attendance as a full-time, non-resident student at an out-of-state institution based on a determination by that school that the person is a resident of Kentucky;
- (f) Abandonment of a former domicile or residence and establishment of domicile and residency in Kentucky with application to or attendance at an institution following and incidental to the change in domicile and residency;
- (g) Obtaining licensing or certification for a professional and occupational purpose in Kentucky;
- (h) Payment of real property taxes in Kentucky;
- (i) Ownership of real property in Kentucky, if the property was used by the student as a residence preceding the date of application for a determination of residency status;
- (j) Long-term lease of at least twelve (12) consecutive months of noncollegiate housing;
- (k) Marriage of an independent student to a Kentucky resident;
- (l) Continued presence in Kentucky during academic breaks; and
- (m) The extent to which a student is dependent on student financial aid in order to provide basic sustenance.

3. Except as provided in sub-section (4) of this section, the following facts, because of the ease and convenience in completing them, shall have limited probative value in a determination that a person is domiciled in and is a resident of Kentucky:
 - (a) Kentucky automobile registration;
 - (b) Kentucky driver's license; and
 - (c) Registration as a Kentucky voter
4. The absence of a fact contained in sub-section (3) of this section shall have significant probative value in determining that a student is not domiciled in or is not a resident of Kentucky.
5. Kentucky residency status shall not be conferred by the performance of an act which is incidental to fulfilling an educational purpose or by an act

which is performed as a matter of convenience. Mere physical presence in Kentucky, including living with a relative or friend, shall not be sufficient evidence of domicile and residency.

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

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

Section 12: Student Responsibilities

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

Section 13: Institutional Responsibilities

Each institution shall:

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

Section 14: Formal Institutional Hearing

1. A student who appeals a determination of residency by a residency review committee shall be granted a formal hearing by an institution if the request is made by a student in writing within fourteen (14) calendar days after notification of a determination by a residency review committee.
2. If a request for a formal hearing is received, an institution shall appoint a hearing officer to conduct a formal hearing. The hearing officer:
Shall not be:
 - (a) involved in determinations of residency at an institution except for formal hearings; and
 - (b) an employee in the same organizational unit as the residency appeals officer.
3. An institution shall have written procedures for the conduct of a formal hearing that have been duly adopted by the board of trustees or regents, and that provide for:
 - (a) A hearing officer to make a recommendation on a residency appeal;
 - (b) Guarantees of due process to a student that include:
 1. The right of a student to be represented by legal counsel, and
 2. The right of a student to present testimony and information in support of a claim of Kentucky residency; and

- (c) A recommendation to be issued by the hearing officer.
- 4. An institution's formal hearing procedures shall be filed with the Council on Postsecondary Education and shall be available to every student requesting a formal hearing.

Section 15: Cost of Formal Hearings

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

NOTE: These guidelines are subject to change.

FINANCIAL AID AND SCHOLARSHIPS

This section of the Catalogue describes financial aid and scholarships for which students must apply. Awards and honors, which do not involve application, are listed near the end of the Catalogue following the Graduate Programs.

APPLYING FOR FINANCIAL AID

Fall and Spring Semesters

Administration of financial assistance is the responsibility of Kentucky State University's Student Financial Aid Office. Students and parents are urged to read the following information with particular care. Established University policies are strictly adhered to in both the award and termination of University financial assistance. Important federal guidelines must also be followed.

NEW FRESHMEN AND TRANSFER STUDENTS

Five specific steps must be followed before a freshman or transfer student may be officially considered for financial assistance:

1. Every applicant must be accepted into an eligible degree or certificate program;
2. The prospective student must submit official admission application materials to the Office of Admissions;
3. Every applicant for financial assistance must complete a Free Application for Federal Student Aid (FAFSA). These forms, together with instructions for their completion, may be obtained either from a high school counselor or directly from the University's Student Financial Aid Office. *As early as possible in January or February, the FAFSA should be completed and mailed to the Federal Student Aid Programs, and the institutional application must be submitted to the University's Student Financial Aid Office no later than April 15;*
4. Every applicant for financial assistance from the University must apply for a Federal Pell Grant. Application information will be sent automatically to the Federal Pell Grant Processor; and
5. If an applicant is selected for verification, he/she must submit copies of both the parents' and the student's most recent federal income tax returns. If a parent or student did not file a tax return, a Statement of Non-Tax Filing must be completed and submitted to the University's Student Financial Aid Office.

Each of the preceding steps must be completed before a student's application for financial assistance can be considered by the University. Transfer students are responsible for notifying their lenders to defer payments of student loans.

CONTINUING STUDENTS

Three specific steps must be followed before a student already in attendance at the University may be officially considered for financial aid (either initial or continuation award):

1. Every applicant must complete a new Free Application for Federal Student Aid (FAFSA). The FAFSA should be completed and mailed to the Federal Student Aid Program in early January or February. A student can apply over the Internet at <http://www.fafsa.ed.gov> instead of using the paper form application. The Kentucky State University School Code (001968) must be indicated on the FAFSA application;
2. Every applicant for financial assistance from the University must apply for a Federal Pell Grant. Application information will be sent automatically to the Federal Pell Grant Processor; and
3. If an applicant is selected for verification, he/she must submit copies of both the parents' and the student's federal income tax returns. If a parent or student did not file a tax return, a Statement of Non-Tax Filing must be completed and submitted to the University's Student Financial Aid Office.

Each of the preceding steps must be completed before a student's application for financial assistance can be considered by the University.

SUMMER SESSIONS

Students applying for financial aid for a summer session must submit two forms: the Free Application for Federal Student Aid (FAFSA) and the University's Financial Aid Application. The following conditions apply:

1. If a FAFSA has been submitted for the immediately preceding academic year, a new FAFSA is not required in order to apply for financial aid for a summer session. Otherwise, a new FAFSA must be submitted **before February 15**.
2. A University Financial Aid Application must be submitted **before March 30** by every applicant seeking financial assistance for a summer session.

COOPERATIVE EDUCATION CLASSES

In accordance with University policy, federal financial aid will only pay up to a maximum of twelve (12) credit hours for each student who enrolls in Cooperative Education classes (COE course prefix) during his/her academic career at Kentucky State University.

TYPES OF FINANCIAL AID

College Access Program (CAP)

Students who are Kentucky residents may apply for a grant from the Commonwealth of Kentucky. They must complete a Free Application for Federal Student Aid (FAFSA), which is available from the University's Student Financial Aid Office. To receive this grant, students must submit the FAFSA prior to the March 15 state deadline.

Federal Pell Grant Program

The Federal Pell Grant Program is the largest federal student aid program available to undergraduate students. It provides gift assistance to eligible students and is the "foundation" of financial aid packaging. Student eligibility is based on financial need, which is determined through statutory formulas developed by the U.S. Congress. The Federal Pell Grant Processor will send a three- to five-part Student Aid Report (SAR) directly to the student. *This SAR should be submitted by the student to the University's Student Financial Aid Office immediately upon receipt.* The University's Student Financial Aid Office will calculate the amount of a student's Federal Pell Grant award based upon information contained on the SAR.

Federal Supplemental Educational Opportunity Grants (FSEOG)

The Federal Supplemental Educational Opportunity Grant (FSEOG) is a form of gift assistance supplemental to the Federal Pell Grant. FSEOG provides grant assistance to make available the benefits of post-secondary education to qualified students who demonstrate financial need. Applicants must complete the FAFSA to determine eligibility for this grant.

Federal Perkins Loan Program

Kentucky State University provides loan assistance to eligible students who have established financial need. These loans carry an annual 5 percent simple interest charge, and the payment begins six or nine months after graduation or if the borrower ceases to be enrolled on at least a half-time basis. This is a federally-funded, low-interest loan, and **legal action will be taken if repayment is not made as agreed to by the student.** The FAFSA must be filed in order to determine eligibility for this loan.

William D. Ford Federal Direct Student Loan Program

Federal Direct Stafford/Ford Loans - Also called Direct Subsidized Loans: The federal government pays the interest on these loans while students are in school at least half-time and during certain other times, such as grade periods and deferments (postponements of repayment). Students must demonstrate financial need to receive this type of loan. (Financial Aid determines need based on the information provided on the Student Aid Report.)

Federal Direct Unsubsidized Stafford/Ford Loans - Also called Direct Unsubsidized Loans: Students can get these

loans regardless of financial need, but will have to pay all interest charges.

Master Promissory Note

Must be completed by all direct loan borrowers. It is a legally binding contract between the U.S. Department of Education (lender) and a borrower. The promissory note contains the terms and conditions of the loan, including how and when the loan must be repaid. One MPN covers both the Federal Direct Subsidized and the Federal Direct Unsubsidized Loans. The amount of subsidized and/or unsubsidized loan does not show on the MPN but will be included in the most recent financial aid award notification from the Office of Financial Aid. A disclosure statement from the common origination and disbursement will be sent to the borrower. This statement will provide comprehensive information about the types of loans that were processed by the school, including both subsidized and/or direct unsubsidized loans, the loan period, and the anticipated disbursements. It is important for the student to remember that he/she will be responsible to repay only the loans he/she actually receive at the school.

Federal Direct PLUS Loans - for parents of dependent students to pay for their children's education. Parents are responsible for all interest charges. In order to apply, a parent must complete a combined application/promissory note from the school. The student must also complete a portion of the application. The parent will be notified if he/she is eligible for the PLUS loan. Generally, the parent is eligible if he/she does not have an adverse credit history (a credit check will be done), is not in default on a federal student loan (including Federal PLUS loans), and meets the other eligibility requirements outlined on the loan application. The interest rate is variable and is adjusted each year on July 1, but is currently capped at 9 percent. The interest begins to accumulate on the date of the first loan disbursement. The loan will be disbursed in at least two payments and generally will be credited to the student's account for payment of tuition and other school charges. Any leftover funds will be paid to the parent by check or, with his/her written permission, either left in the student's account or paid directly to the student. The repayment period begins on the day the loan is fully disbursed. First payment is due within 60 days after the final loan disbursement.

Federal Work-Study Program

The Federal Work-Study Program provides jobs for students who have established financial need through the U.S. Department of Education. This is completed by filing the FAFSA. Generally, work will be on campus. Students are paid semi-monthly as work is completed.

Part-Time Employment Program

Kentucky State University employs students under the Part-Time Employment Program for up to 30 hours per week. Information about this program may be obtained in the University Student Financial Aid Office.

Veterans' Benefits

Kentucky State University is an educational institution approved for training of veterans and other eligible persons. Students who wish to determine their eligibility for benefits under veterans' laws should contact either the Veterans Administration (1-800-829-2050) or the Office of the Registrar.

Waiver of Tuition and Fees for Senior Citizens

Any person sixty-five (65) years of age or older who is a resident of the Commonwealth of Kentucky and who enrolls as a student at Kentucky State University shall have waived all tuition charges and fees. However, in the event that classes are full or the granting of free admission requires additional units, Kentucky State University may deny admission under this provision.

Tuition Waiver for Survivors of Police Officers, Firefighters, or Volunteer Firefighters Killed or Totally Disabled in the Line of Duty

Any person whose parent or any nonmarried widow or widower whose spouse was a resident of the Commonwealth of Kentucky upon becoming a law enforcement officer, firefighter, or volunteer firefighter and who was killed while in active service, or training for active service or who died as a result of a service-connected disability, shall not be required to pay any matriculation or tuition fee upon admission to Kentucky State University. Proof of such relationship must be established by document evidence.

A spouse (regardless of age) and any child above the age of seventeen (17) and under the age of twenty-three (23) of a permanently and totally disabled law enforcement officer, firefighter, or volunteer firefighter injured while in active service or in training for active service shall not be required to pay any matriculation or tuition fee upon his/her admission to Kentucky State University for the purpose of obtaining a degree. The period of enrollment shall not exceed thirty-six (36) months or the minimum time required for a degree (whichever is shorter). The disabled law enforcement officer must be rated permanently and totally disabled in accordance with statutory requirements. To entitle a spouse or child to benefits under this provision, the disabled law enforcement officer, firefighter, or volunteer firefighter shall have been a resident of the Commonwealth of Kentucky upon becoming a law enforcement officer, firefighter, or volunteer firefighter. Proof of such spousal or filial relationship must be established by document evidence.

Waiver of Tuition for War Orphans

Any person whose parent was killed while serving in the Armed Forces of the United States during war time, who died as the result of a service-connected disability while serving in the Armed Forces of the United States during war time, or who is rated 100% disabled for compensation purposes and is a resident of Kentucky may be eligible to receive tuition waiver. Interested persons may

contact the Department of Military Affairs, Kentucky Center for Veterans Affairs, Louisville, Kentucky.

SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID RECIPIENTS

(This policy relates only to eligibility for Financial Aid, and is not applicable to academic standards.)

In accordance with the Higher Education Amendment changes of 1992 (Public Law 94-482), a student receiving federal financial aid must make "satisfactory academic progress" toward successful completion of degree requirements in order to continue receiving federal assistance.

At Kentucky State University, the programs affected by the satisfactory academic progress requirements are the Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Work-Study (FWS), Federal Perkins Loan, William D. Ford Direct Student Loan Program (Subsidized and Unsubsidized) and Federal Direct Parent Loan (PLUS). Students receiving aid from any of these programs must maintain satisfactory academic progress as outlined below or face placement on financial aid probation, eventual denial of financial aid from these programs, or both.

Undergraduate Students

To receive financial aid, satisfactory academic progress for a full-time student at Kentucky State University is defined as the completion of a minimum of 18 credit hours per year for the first two years (9 credit hours per semester) and 24 credit hours per year for the third, fourth, fifth, and sixth year (12 credit hours per semester) and maintaining the minimum grade-point average as outlined in the University policy.

Classification	Minimum GPA Required
Freshmen	1.7
Sophomore and above	2.0

Full-time students are expected to complete degree requirements in no more than six years (12 semesters) of enrollment. Therefore, eligibility for financial aid from the federal programs listed above vary depending on the types of aid received. Students enrolled less than full-time (that is, half-time or three-quarters time) must complete a proportionate number of hours each year to maintain satisfactory academic progress.

It is the student's responsibility to notify the Office of Student Financial Aid of the successful fulfillment of requirements. Receipt of aid is contingent upon availability of funds at the time of the request. A student's academic progress will be evaluated on an annual basis.

The Office of Student Financial Aid cannot award financial aid to a student who has been suspended by the University. If a student who has financial aid is suspended, the unused portion of the award will be canceled.

If the student is reinstated to the University and has applied for financial aid, he or she will be considered eligible for aid when the requirements of the satisfactory

academic progress policy are met. Receipt of financial aid is under the control of the University and is contingent upon the availability of funds at the time of the request.

MAXIMUM TIME ALLOWANCE

Upon completion of 160 attempted credit hours, a student will be put on probation; and upon completion of 190 attempted credit hours, a student is no longer eligible for Federal or State financial aid.

Special Conditions

1. INCOMPLETES (I grades) will not count toward progress until such time as the I grade is removed. At that time, hours completed will count from the period of original registration.
2. WITHDRAWALS (W grades) will not count toward progress but will register as attempted hours and be used for measuring lack of satisfactory academic progress.
3. COURSE REPETITIONS will count toward progress without penalty. Hours completed through course repetition will be used to replace hours and for computation of GPA, *but will not extend the six-year maximum time frame for full-time students.*
4. REMEDIAL COURSES will count toward progress without penalty, *but will not extend the six-year maximum time frame for full-time students.*

Graduate Students

A full-time graduate student is required to enroll in and successfully complete a minimum of 16 nonrepeated semester credit hours per academic year; three-quarter-time students must complete a minimum of 12 semester credit hours; and half-time students must complete a minimum of 8 semester credit hours.

Aid for Part of a Semester

If a student receives financial aid for any part of a semester, that semester will count as a complete semester of aid. Incompletes and withdrawals will not be counted as meeting minimum course requirements.

Review

Completed semester credit hours and grade-point averages will be reviewed annually at the end of the spring semester.

Re-establishing Satisfactory Academic Progress

Students may re-establish satisfactory academic progress through one of the following methods:

1. Improving their semester credit hours and cumulative grade-point average to meet the required Satisfactory Academic Progress standards during any subsequent period (semester or summer session) of enrollment; or
2. Successfully appealing to the Student Financial Aid Committee.

Exceptions

The satisfactory progress requirements are waived for one academic year for students who have not enrolled at Kentucky State University for one academic year. Students attending summer session to re-establish eligibility may be granted financial aid.

Notification of Withdrawal of Aid

Any student receiving financial aid who does not meet the satisfactory progress requirements and whose aid must be withdrawn will be given written notice.

Right of Appeal

Any student whose financial aid has been terminated may submit a written appeal to the Student Financial Aid Committee explaining why satisfactory progress was not maintained and giving any reasons why aid should not be terminated. Appeals may be made on the basis of:

1. Extended illness or hospitalization of the student;
2. Death or extended illness of a member of the student's immediate family; or
3. Any mitigating circumstances which prevented the student from complying with the requirements for maintaining satisfactory academic progress.

All appeals must be submitted to the Student Financial Aid Committee within two weeks from the date the student receives notification that his/her financial aid has been terminated. The Committee's decision is final.

TAX CREDITS

Hope Tax Credit

Parents of students classified as freshmen or sophomores could be eligible for a \$1,500 tax credit based on the cost paid for qualifying expenses for the student to attend the University. The credit applies to payment made after January 1, 1998. The student must be enrolled at least half-time at an accredited institution.

Life Time Learning Credit

Effective July 1, 1998, an individual enrolled at an institution of higher learning classified as a junior or senior could qualify for a tax credit of up to 20% of the cost paid for qualifying expenses up to a maximum of \$1,000.

NOTE: It is recommended that persons interested discuss these tax credits with their tax preparers.

INSTITUTIONAL SCHOLARSHIP POLICIES

The University offers a variety of academic and non-academic scholarships for both freshmen and upper-class students. Details of these scholarships are provided below. Interested students should contact the University's Office of Student Financial Aid or the Chairperson of the Institutional and External Scholarships, Awards, and Prizes Committee (Scholarship Committee) for appropriate application materials.

Institutional scholarships are monitored by the University's Scholarship Committee. Meetings are normally convened by the committee chairperson on a monthly basis as scholarship applications are received and files are com-

pleted. Notifying scholarship candidates of their status will be initiated no later than three (3) working days after the committee's decision. The committee is charged with conducting an ongoing review of scholarship policies and fees, and monitoring the award of all institutional scholarships for compliance with university regulations.

Academic Scholarship Policy

All academic scholarship programs administered by Kentucky State University are governed by the following policies:

1. The University will maintain scholarship programs of financial assistance.
2. All academic scholarship awards shall be processed by the Office of Student Financial Aid for compliance with University policies.
3. Guidelines and procedures for scholarships shall be recommended by academic units, schools, and/or colleges and submitted to the Scholarship Committee for review and submission to the President for approval.
4. All academic scholarship candidates must be enrolled in or admitted to the University and have met University criteria for the award of institutional aid.
5. Each academic scholarship candidate must have at the time of award no less than a 2.0 cumulative grade-point average on a 4.0 scale. Individual scholarship programs may require higher academic grade-point averages and/or test scores.
6. Each full-time academic scholarship recipient must remain a full-time student during each semester and successfully complete a minimum of 30 nonrepeated semester credit hours during each academic year. Renewal requirements for individual scholarships may be more stringent.
7. Each part-time academic scholarship recipient must successfully complete a minimum 50% of the full-time requirements. Renewal requirements for individual scholarships may be more stringent.
8. Scholarship awards may be discontinued or terminated if the recipient fails to meet the requirements outlined for renewal in the Kentucky State University Institutional Scholarship Policy and/or the criteria stated for the specific scholarship. It is the student's responsibility to monitor his/her own academic progress and to comply with the stated criteria for renewal.
9. The Office of Student Financial Aid will send notification of termination and/or reduction of scholarship awards at such time that it is verified that the award recipient fails to meet the established criteria for the award. The Office of Student Financial Aid will review the progress of each award recipient at the end of each semester to determine eligibility for renewal or necessity for termination.
10. Award recipients will not be eligible for scholarship awards for the semester(s) during which they participate in University-coordinated co-op training if they are being paid by an outside source for the training. The Office of Student Financial Aid must be notified in writing by the student of his/her intent to participate in co-op training as early as possible and no later than

two weeks before the start of the semester in which the co-op training will occur.

11. Students who do not meet the minimum criteria for renewal may appeal to the Scholarship Committee if there are extenuating circumstances beyond the control of the student, such as the death of a family member, illness of student or immediate family member, or other documented evidence of mental or physical hardship. Appeals must be received within two weeks after receipt of notification. A student may also apply under this policy to attend summer school in an attempt to meet minimum criteria for renewal; these appeals must be made within five days of receipt of spring semester grades. Scholarship money will not be awarded for summer school for these students.
12. Scholarship awards will be credited to the student's account upon enrollment and finalization of the award. For annual awards, one-half of the award will be disbursed at the fall semester registration and one-half at the spring semester registration. Unless otherwise stated in the description of the scholarship, summer scholarship awards are not available.
13. No student will be awarded total scholarship assistance from University funds which exceeds the value of the award. Outside monies awarded and/or financial aid awards combined with institutional scholarship awards cannot exceed the estimated expense budget as determined by the University's Student Financial Aid Office. Scholarship monies may be reduced in those specific cases.

TYPES OF ACADEMIC SCHOLARSHIPS

Presidential Scholarships

Presidential Scholarships are based on demonstrated academic achievement in high school, and are renewable based on continued academic progress at the University.

Presidential, Partial Presidential, and Tuition-Only Scholarships are only awarded upon entrance into the University, and are awarded for only four years. Those students who have a demonstrated record of academic achievement and who fulfill specific criteria should refer to the section of this Catalogue which describes the Scholastic Achievement Award.

Minimum Eligibility Criteria for Initial Award

1. New first-time Freshman classification;
2. Grade-point average of at least 3.0 (on 4.0 scale); and
3. ACT composite score of 21 or better (or 19 or better on a previous edition of the ACT), or Scholastic Aptitude Test equivalent

An applicant who is a valedictorian or a salutatorian of his/her high school graduating class will automatically qualify for the Presidential Scholarship award.

Consideration may also be given to applicants if high school coursework reflects a college preparatory curricu-

lum, and letters of recommendation are written on behalf of the applicant by the high school counselor and at least two high school teachers who are familiar with the applicant's ability.

Types, Criteria, and Value of Awards

The maximum amount available for a full Presidential Scholarship is the sum of tuition, room, and board for the academic year. Partial Presidential Scholarships and Tuition-Only Scholarships are also available. An award that includes room and board will be made only to a student who resides in University housing.

The types of award, criteria for awards, and value of the awards are as follows:

TYPE	CRITERIA	VALUE
Full Presidential	Minimum ACT composite score of 26 (or 25 on a previous edition of the ACT or SAT equivalent) and a minimum GPA of 3.5 (on a 4.0 scale)	Full Tuition, room, board, books, & fees
Partial Presidential	Minimum ACT composite score of 24 (or 23 on a previous edition of the ACT or SAT equivalent) and a minimum GPA of 3.25 (on a 4.0 scale)	Full Tuition, one-half room and board
Tuition-Only	Minimum ACT composite score of 21 (or 19 on a previous edition of the ACT or SAT equivalent) and a minimum GPA of 3.0 (on a 4.0 scale)	Full Tuition

Exceptions may be made on the basis of recommendations by the Scholarship Committee, and upon approval by the President of the University.

Required Credentials

1. Application for Admission;
2. Official high school transcript(s);
3. Official ACT or SAT scores;
4. Letters of recommendation; and
5. Application for Scholarship.

Selection Procedure and Notification

The selection of students to receive Presidential Scholarships will be made by the Scholarship Committee. Students who meet all the criteria stated above may be offered an award at such time as their credentials are verified as accurate and meeting the stated criteria.

Application Deadlines

Students should apply early for a Presidential Schol-

arship by submitting the credentials listed above no later than February 15 for the academic year beginning the following August.

Renewal of Awards

Awards under this program are renewable each academic year provided the student enrolls for and completes a minimum of 30 semester hours each academic year, and maintains at least a 3.0 cumulative grade-point average each academic year.

The amount of the renewal for the Presidential and Tuition awards will be according to the following scale, rate, and criteria:

Full Presidential Scholarships

3.50 - 4.00 GPA Tuition, Room and Board

Partial Presidential Scholarships

3.25 GPA Tuition, 50% of Room/Board

Tuition-Only Scholarships

3.0 GPA Tuition Only

Awards that are reduced will not be reinstated at the original award level.

Service County General Scholarships

Service County General Scholarships were established by Kentucky State University in recognition of the University's obligation to students within Franklin and surrounding counties.

Eligibility Criteria

The recipients of these scholarships will be:

1. Residents of Anderson, Franklin, Henry, Owen, Scott, Shelby, or Woodford counties;
2. First-time freshmen with a minimum high school GPA of 3.0; and
3. Students who plan to enroll full-time at Kentucky State University

Apportionment

The scholarships are apportioned among the following school districts:

Anderson County	3	Owen County	4
Franklin County	5	Scott County	4
Frankfort Independent	1	Shelby County	4
Henry County	3	Woodford County	4
Eminence Independent	1		

Value of Award

Each scholarship recipient will be awarded a full scholarship to cover tuition, room, board, and books.

Selection Procedure and Notification

Student recipients will be selected through a process established by the appropriate School District Superintendent. Scholarship recipients will be announced at local school district commencement exercises or honors pro-

grams by a representative from Kentucky State University. Awards will be made on an annual basis.

Application Deadline

All names of students selected to receive scholarships must be submitted to the Kentucky State University Office of Student Financial Aid no later than *February 15*.

Renewal of Awards

Scholarships will be renewed at a 100% rate if the student maintains at least a 3.0 grade-point average on a 4.0 scale. Scholarships will be renewed at a 50% level if the student maintains between a 2.5 - 2.99 GPA on a 4.0 scale. To qualify for renewal, the student must enroll for and complete a minimum of 30 semester hours each academic year. Service County Scholarships are not awarded for more than four years.

Academic Achievement Awards

Academic Achievement Awards are based on demonstrated academic achievement at Kentucky State University, and are intended to represent temporary assistance and recognition for past exemplary academic performance.

Minimum Eligibility Criteria for Initial Award

1. Sophomore or junior classification;
2. Grade-point average of at least 3.0;
3. Full-time classification; and
4. Completed Application for Scholarship

Academic Achievement Awards are based on the following scale:

Criteria	Valued Award
3.5 - 4.0 GPA	\$3,000
3.25 - 3.49 GPA	\$2,000
3.0 - 3.24 GPA	\$1,000

Academic Achievement Awards are nonrenewable; however, students may reapply each year in which they fulfill the criteria. **Awards are based on the availability of funds.** Partial Presidential and Tuition-Only Presidential recipients are eligible to apply for this scholarship.

Selection Procedure and Notification

The selection of students to receive Academic Achievement Scholarships is made by the Scholarship Committee. No AP or CLEP credits are considered in this award.

Application Deadline

Students should apply early for the Academic Achievement Scholarship by submitting an Application for Scholarship no later than February 15 for the following academic year.

Commonwealth Scholars Program

The Council on Postsecondary Education, in cooperation with Kentucky's electrical cooperatives, offers

Commonwealth Scholarships to academically talented students.

Eligibility Criteria

1. Be a full-time student and a Kentucky resident;
2. Rank in the top 10 percent of the graduating class in high school;
3. Have a minimum grade-point average of 3.2; and
4. Have participated in at least three extra-curricular activities.

Value of Award

Each Commonwealth Scholar will be awarded a full scholarship to cover tuition, room, board, and books.

Selection Procedure and Notification

The selection of students to receive a Commonwealth Scholars Scholarship will be made by the University's Scholarship Committee.

Application Deadline

Students should apply early for a Commonwealth Scholar award by submitting an Application for Scholarship by no later than February 15.

Renewal of Awards

Awards under this program are renewable each academic year for a total of four years plus two summer sessions, provided the student enrolls for and completes a minimum of 30 semester hours and maintains at least a 3.0 cumulative grade-point average each academic year.

Thurgood Marshall Scholarship

The Thurgood Marshall Scholarship Fund is designed to offer outstanding entering freshmen an opportunity to matriculate at one of the 37 historically black public colleges and universities in the nation.

Minimum Eligibility Criteria for Initial Award

1. Be a U.S. Citizen;
2. Be a new first-time freshman;
3. Be a full-time student pursuing a bachelor's degree in any discipline and maintain full-time status for the duration of the scholarship;
4. Have a high school grade-point average of at least 3.0;
5. Have a score of 25 or better on the ACT, or a combined verbal/math score of 1100 or better on the Scholastic Aptitude Test (SAT); and
6. Be recognized by the high school as academically exceptional or outstanding in creative or performing arts.

Value of the Award

\$4,200 annually for four years

Required Credentials

1. Completed Application for Admission to Kentucky

- State University;
2. Kentucky State University Application for Scholarship; and
3. Thurgood Marshall Fund Application for Scholarship (includes an essay by the applicant indicating interest in the Thurgood Marshall Scholarship, financial aid information, and a letter of reference from the student's high school principal, teacher or counselor).

Selection Procedure and Notification

The nomination of a Thurgood Marshall Scholar will be made by the Scholarship Committee after reviewing completed application materials and credentials. The selected student will be notified of his or her nomination by the Scholarship Committee, and at that time will finalize all materials required by the Thurgood Marshall Scholarship Fund. The Scholarship Committee shall forward the committee's nomination to the President for final approval.

Application Deadline

Students should apply early for the Thurgood Marshall Scholarship by submitting the credentials necessary for admission to the University and a completed Application for Scholarship no later than February 15. Eligible students will be asked to complete the Thurgood Marshall Fund Application for Scholarship the following August.

Renewal of Award

The Thurgood Marshall Scholarship is renewable annually for four years, provided the student maintains a GPA of 3.0 for the academic year. To qualify for renewal, the student must enroll for and complete a minimum of 30 semester hours each academic year.

USDA/1890 National Scholars Program

Kentucky State University is a participating university in the United States Department of Agriculture's National Scholars Program for 1890 Land Grant Institutions. This program awards scholarships to academically talented students who wish to major in subjects in a field of study related to agriculture, food, nutrition, and natural resource sciences at an 1890 Land Grant Institution. Several programs at Kentucky State University (including programs in applied human sciences, biology, business, chemistry, computer sciences, engineering, and pre-veterinary medicine) qualify as approved disciplines for the purposes of this program.

Eligibility Criteria for Initial Award

1. Be a U.S. Citizen;
2. Be an entering freshman accepted at Kentucky State University;
3. Be a full-time student intending to pursue a bachelor's degree in any discipline related to agriculture, food, or natural resource sciences;
4. Have a high school grade-point average of 3.0 or better;
5. Have a score of 21 or better on the ACT or a com-

- binated verbal/math score of 1000 or better on the Scholastic Aptitude Test (SAT); and
6. Demonstrate leadership, community service, and potential to be successful.

Value of Award

Each scholarship recipient will be awarded a full scholarship for tuition, room, board, and books. In addition, students receive a personal computer and software for use while at the University. Students are provided an initial summer orientation prior to the first year of college and must maintain a cooperative education employment status with USDA during the scholarship period.

Work Obligation

Upon completion of the scholar's academic degree program there is an obligation of one year of service to the U.S. Department of Agriculture for each year of financial support.

Selection Procedure and Notification

Students must complete an application form and have their high school principal or teacher complete a secondary school report form. These forms are available from the USDA liaison for Land Grant Programs, Kentucky State University, or from the Office of Student Financial Aid. Completed forms are mailed to Kentucky State University according to the instructions included in the application materials.

Application Deadline

All application materials must be post-marked no later than February 1.

Renewal of Awards

Scholarships will be renewed at a 100% rate provided the student maintains full-time status in an approved discipline and a grade-point average of 3.0 or better. To qualify for renewal, the student must enroll for and complete a minimum of 30 semester hours each academic year. The total scholarship award is for no more than four years.

Art Scholarships

Art Scholarships are given to students with demonstrated talent in the visual arts who intend to major in Studio Art or Art Education.

Eligibility Criteria

1. Present a portfolio;
2. Have the recommendation of a member of the art faculty;
3. Possess a minimum GPA of 3.0 in high school art classes; and
4. Major in Studio Art or Art Education.

Value of Award
\$1,000

Selection Procedure and Notification

The selection of students to receive Art Scholarships will be made by the Art Area Faculty. Names of selected students must be submitted to the Scholarship Committee for review and will be forwarded to the Office of Student Financial Aid for final approval.

Application Deadline

Students should apply early for Art Scholarships by submitting an Application for Scholarship no later than February 15.

Renewal of Awards

Art Scholarships are renewable. Students must complete a minimum of 24 semester credit hours each academic year, meet the eligibility requirements stated above, and possess a minimum GPA of 3.0 in college art classes.

Minority Educator Recruitment and Retention Scholarship (MERRS)

The Minority Educator Recruitment and Retention Scholarship provides financial assistance for minority students enrolled in teacher education programs at Kentucky's public universities and community colleges. If a recipient does not complete the program in the prescribed time or does not render qualified teaching service,

the scholarship becomes a loan and the recipient is required to repay the scholarship.

Eligibility Criteria:

1. Be a U.S. citizen and a Kentucky resident.
2. Declare Teacher Education as a major field of study
3. Be an undergraduate or graduate student pursuing initial certification
4. Maintain continuous full-time enrollment OR be a part-time student within 19 semester hours of receiving a teacher education degree
5. Maintain 2.5 G.P.A.
6. Complete a teacher education program in the prescribed time
7. Obtain a Kentucky Teaching Certificate
8. Teach one semester in Kentucky for each semester or summer term the scholarship is received.

The maximum yearly award is five thousand dollars (\$5,000) and is tenable at any of Kentucky's eight (8) state universities

Scholarship Renewal

An application must be completed for each semester for which a student is seeking to receive the award.

Kentucky Higher Education Assistance Authority Teacher Scholarship (KHEAA)

Provides financial assistance in the form of a conversion scholarship/loan to highly qualified, financially needy Kentucky students who are pursuing initial teacher certification at participating institutions. If a recipient does not complete the program in the prescribed time or does not render qualified teaching service, the scholarship becomes a loan and the recipient is required to repay the scholarship.

Eligibility Criteria

1. Be a U.S. citizen and a Kentucky resident
2. Be seeking initial teacher certification
3. Be enrolled or accepted for enrollment as a full-time student, unless enrolled for the final term with less than full-time enrollment required to complete the teacher certification program
4. Not be enrolled in a program that leads to a certificate, diploma, or degree in theology, divinity, or religious education
5. Not owe a financial obligation to KHEAA
6. Demonstrate financial need via the Free Application for Federal Student Aid (FAFSA)
7. Teach one semester in Kentucky for each semester or summer term the scholarship is received.

The award maximum for a full-time freshman or sophomore is \$1,250 an academic year; a full-time junior, senior, or graduate student may receive a maximum of \$5,000 an academic year.

Louisville/Lexington Black Achievers Scholarships
Eligibility Criteria

The recipients of these scholarships will be:

1. Participants in the Black Achievers Program;
2. First-time freshmen with a minimum high school GPA of 3.0 and a minimum ACT composite score of 21 (or 19 on a previous edition of the ACT or SAT equivalent); and
3. Students who plan to enroll full time at Kentucky State University

Apportionment

The scholarships are apportioned as follows:

Lexington 4
Louisville 4

Value of Award

Each scholarship recipient will be awarded a full scholarship to cover tuition, room, board, and books.

Selection Procedure and Notification

Student recipients will be selected through a process established by the appropriate organization. Scholarship recipients will be announced at local programs by a representative from Kentucky State University. Awards will be made on an annual basis.

Application Deadline

All names of students selected to receive scholarships must be submitted to the Kentucky State University Office of Student Financial Aid no later than February 15.

Renewal of Awards

Scholarships will be renewed at a 100% rate for students who maintain a GPA of at least a 3.0; scholarships will be renewed at 50% for students who maintain a GPA between 2.5 and 2.99. To qualify for renewal, students must enroll for and complete a minimum of 30 semester hours each academic year.

OTHER ACADEMIC SCHOLARSHIPS AND AWARDS

A number of academic scholarships and awards are provided to students through various academic units on campus or through the Kentucky State University Foundation. Students must meet the qualifications specified by the donors of the scholarship or award. Amounts available from these scholarships and awards vary. Selection procedures for recipients vary with the scholarship or award. In some cases, a student must apply for the scholarship in order to be eligible. In other cases, the scholarship or award is a prize given to a student selected by the faculty of an academic program.

Students who believe they may be eligible for one or more of these scholarships or awards should contact the Office of Student Financial Aid or the specified academic unit for more information on eligibility, application, deadlines, and selection procedures. A brief summary of these scholarships and awards is provided below by category.

KENTUCKY STATE UNIVERSITY FOUNDATION SCHOLARSHIPS

Kentucky State University Foundation Scholarship application forms can be obtained from the Financial Aid Office. The Application deadline is February 15.

Foundation Scholarships by Place of Residence

The *M. & G. Bard Endowed Scholarship* is for a resident of Muhlenberg County, Kentucky who is a full-time student and who demonstrates academic, social, and leadership skills.

The *Patricia Bryant Memorial Scholarship* is for a graduate of a high school in Franklin County who enrolls as a nursing student.

The *Joe and Lena Burse Memorial Scholarship* is for a resident of Christian County, Kentucky who demonstrates financial need and exhibits academic, social, and leadership skills.

The *Viola Gilmore Scholarship* is for a resident of Dayton, Ohio who is worthy and needy.

The *Lillie V. Givens Scholarship* is for a resident of Bowling Green, Kentucky; Cynthiana, Kentucky; or Anderson, Indiana.

The *Henry Lambert Memorial Scholarship* is for a resident of Mobile, Alabama or Monroe County, Alabama

who is a full-time student with demonstrated academic, social, and leadership skills.

The *E.O. Robinson Mountain Fund* is for an unmarried resident of one of Eastern Kentucky's mountain counties who demonstrates financial need and shows evidence of ability to perform academically.

The *Frank and Estelle Simpson Scholarship* is for a resident of Christian, Jefferson or Todd County, Kentucky with outstanding character.

The *Mary L. Smith Endowed Scholarship* is open to all Kentucky State University students who have demonstrated a high level of moral character and excellent academic pursuits. It is awarded on a yearly basis for students who maintain at least a 2.5 grade-point average. Previous recipients may re-apply.

The *Oakley Watkins Memorial Scholarship* (Frankfort Lions Club) is for a resident of Franklin County, Kentucky with visual impairment.

Other Foundation Scholarships

The *Rufus B. Atwood Endowed Scholarship* is awarded to a full-time student entering the final year of undergraduate study in one of the University's baccalaureate degree programs. The student must have a grade-point average of 3.5 or better and have participated in extracurricular activities.

The *Robert C. and Anna B. Davis Endowed Scholarship* is awarded to an African American student with outstanding character and demonstrated financial need. Grade-point average is not a factor in selecting the recipient.

The *Mary E. Hill Memorial Scholarship Fund* provides an award to a junior or senior student who is majoring in biology, chemistry, or music. The student must have an overall grade-point average of at least 2.7 and a cumulative grade-point average of 3.0 or better in the major field.

The *Nelda Mattison Wilson Memorial Scholarship* is awarded to a student (preferably female) who is a first-time entering student with demonstrated academic and social skills.

The *Joseph E. Craft Endowed Scholarship* is for a Franklin or surrounding counties student. The applicant must be full-time student, completed his/her first year of coursework with a 2.8 cumulative GPA. The applicant must also have a declared major in English with an Education Specialization, History or Public Administration.

NON-ACADEMIC SCHOLARSHIP POLICIES

The University offers a variety of non-academic scholarships for both freshmen and continuing students. Details of these opportunities are provided below. Interested students should contact the University's Office of Student Financial Aid for appropriate application materials.

All institutional scholarship/grant-in-aid programs administered by Kentucky State University are governed by the following policies:

1. The University will maintain scholarship programs of financial assistance.

2. All non-academic scholarship awards shall be processed by the Office of Student Financial Aid and the appropriate unit or program for compliance with university policy.
3. Guidelines and procedures for scholarships shall be recommended by academic units, schools, and/or colleges and submitted to the Scholarship Committee for review and subsequent recommendation to the President for review and approval.
4. All non-academic scholarship candidates must be enrolled in the University and have met University criteria for the award of institutional aid.
5. Each non-academic scholarship candidate must meet the minimum requirements for admission to the University. Individual scholarship programs may require higher academic grade-point averages and/or test scores.
6. All candidates for institutional scholarships/grants-in-aid must file appropriate applications for institutional, state and federal programs for financial assistance. Failure to complete such applications or to finalize awards is grounds for termination of an award.
7. The maximum amount of an institutional scholarship/grant-in-aid award will be adjusted downward to reflect any appropriate federal, state, institutional, or other awards received by the candidate.
8. Each full-time institutional scholarship/grant-in-aid recipient must remain a full-time student during each semester and must successfully complete a minimum of 24 nonrepeated semester credit hours during each academic year. Each part-time institutional scholarship/grant-in-aid recipient must successfully complete a minimum of 50% of the full-time requirements. Renewal requirements for individual scholarships/grants may be more stringent.

TYPES OF NON-ACADEMIC SCHOLARSHIPS

Music Scholarships

Eligibility Criteria

1. To receive a music scholarship, a student must pass a performance audition and be recommended for a scholarship by an ensemble director (An audition tape is acceptable);
2. All music scholarship candidates must be enrolled in the University and have met University criteria for the award of institutional aid;
3. Each music scholarship candidate must have at the time of the award no less than a 2.0 cumulative grade-point average; and
4. Music majors will be given priority over non-music majors in the award of music scholarships.

Value of Award

The student's talent and potential, the student's major (Music versus Non-Music), the needs of the Music program, and the number of credit hours the student will carry are the major factors that will be considered in determining the initial amount of the scholarship.

Selection Procedure and Notification

A student may be notified that he/she will be recommended for a scholarship immediately after the audition; but before money is appropriated, the recipient must comply with the University's Scholarship/ Grant Policies.

Allotment of Music Scholarships

1. Music Majors: Scholarships will be granted in brass, woodwind, percussion, keyboard, and voice.
2. Non-Music Majors: Scholarships may be granted to Non-Music Majors in one of the music areas mentioned above or in a major ensemble (Concert Choir or Marching Band/Symphonic Band).

Other Requirements

In addition to participating in one of the above music areas, each scholarship recipient must successfully register and perform in a major ensemble (Concert Choir or Marching/Symphonic Band), as well as enroll in the minor Applied Music sequence for each semester in which scholarship aid is granted.

Disbursement

Initially, recipients will be awarded music scholarships for a four-year period, renewable each year. The scholarship will be disbursed in equal amounts each semester over a four-year period.

Renewal of Awards

To maintain a music scholarship, a student must:

1. Attend and participate in all rehearsals and performances of the ensemble(s) for which he/she was granted the scholarship, unless absence is approved in advance by the ensemble director; earn a grade no lower than "B";
2. Continue to meet the performance standards of the assigned ensemble(s) while maintaining a positive and cooperative attitude;
3. Successfully complete fifteen (15) credit hours each semester;
4. Maintain a 2.0 cumulative, grade-point average each semester and 2.5 average in all music courses;
5. Practice a minimum of two (2) hours per day (Music Majors) in addition to regular ensemble rehearsals;
6. Practice a minimum of one (1) hour per day (non-Music Majors) in addition to regular ensemble rehearsals;
7. Enroll in and successfully complete Major Applied (Music Majors). This course involves a one hour private lesson per week, with a grade no lower than a "B";
8. Enroll in and successfully complete Minor Applied (non-Music Majors). This course involves a one-half hour private lesson per week, with a grade no lower than a "B"; and
9. Adhere to and maintain the ethical and moral standards of the Division of Fine Arts.

In addition to participating in one of the above music areas, each scholarship recipient must successfully register and perform in a major ensemble (Concert Choir or Marching/Symphonic Band), as well as enroll in the minor Applied Music sequence for each semester in which scholarship aid is granted.

Disbursement

Initially, recipients will be awarded music scholarships for a four-year period, renewable each year. The scholarship will be disbursed in equal amounts each semester over a four-year period.

Renewal of Awards

To maintain a music scholarship, a student must:

1. Attend and participate in all rehearsals and performances of the ensemble(s) for which he/she was granted the scholarship, unless absence is approved in advance by the ensemble director; earn a grade no lower than "B";
2. Continue to meet the performance standards of the assigned ensemble(s) while maintaining a positive and cooperative attitude;
3. Successfully complete fifteen (15) credit hours each semester;
4. Maintain a 2.0 cumulative, grade-point average each semester and 2.5 average in all music courses;
5. Practice a minimum of two (2) hours per day (Music Majors) in addition to regular ensemble rehearsals;
6. Practice a minimum of one (1) hour per day (non-Music Majors) in addition to regular ensemble rehearsals;
7. Enroll in and successfully complete Major Applied (Music Majors). This course involves a one hour private lesson per week, with a grade no lower than a "B";
8. Enroll in and successfully complete Minor Applied (non-Music Majors). This course involves a one-half hour private lesson per week, with a grade no lower than a "B"; and
9. Adhere to and maintain the ethical and moral standards of the Division of Fine Arts.

If any of the above-mentioned obligations are not met during any semester, the scholarship may be suspended.

Student Leadership Scholarships

Eligibility Criteria

1. Exhibit outstanding leadership abilities;
2. Be elected a Student Government Association Officer (president, vice president, secretary, treasurer, chief justice), Miss KSU, or Mr. KSU; and
3. Meet all requirements of the University's Non-Academic Scholarship Policies.

Value of Award

Scholarship values depend on the elected office held by the student and are as follows:

- Student Government Association President: tuition, room, board, and books
- Student Government Association First Vice President: tuition and books
- Student Government Association Second Vice President: tuition and books
- Student Government Association Secretary: tuition
- Student Government Association Treasurer: tuition
- Chief Justice: tuition, board, and books
- Miss KSU: tuition, room, board, and books
- Mr. KSU: tuition, room, board, and books

Student Publications Tuition Scholarships

Eligibility Criteria

1. Be a full-time Kentucky State University student;
2. Serve as editor of the *Thoroughbred News* or the *Thoroughbred Yearbook*; and
3. Meet all requirements of the University's Non-Academic Scholarship Policies.

Value of Award: Tuition.

Athletic Grants-in-Aid

Eligibility Criteria

1. Exhibit outstanding athletic ability;
2. Participate in one of the University's intercollegiate sports;
3. Meet all requirements of the University's Non-academic Scholarship Policies; and
4. Enroll in a baccalaureate-level program.

Value of Award

- Full: Tuition, room, board, books, student activity fees and computer fees
- Partial: Varies

Cheerleading Scholarships

Eligibility Criteria

1. Be a full-time Kentucky State University student;
2. Have a minimum 2.3 cumulative grade-point average (Freshmen must have a minimum 2.5 cumulative high school grade-point average;
3. Attend all practice sessions, pep rallies, home games, designated away games, and any other activities sponsored by the cheerleader squad;
4. Participate in required tryouts;
5. Be in good physical health; and
6. Meet all requirements of the University's Non-academic Scholarship Policies.

Value of Award: Books.

STUDENT AFFAIRS

The mission of the Student Affairs Office is to develop, organize, administer, monitor, and coordinate a variety of experiences, services, programs, and activities in such a manner that they will have the greatest impact on the growth and development of a diverse student body. These experiences, services, programs, and activities are administered through the following areas: Athletics; Counseling and Career Placement; Food Services; Health Services; Residence Life; Student Publications; Student Life; and the Office of Student Affairs.

Student Affairs is the central administrative office for student non-academic activities. Its staff are responsible for student conduct and discipline; for housing exemptions; meal exemptions; for offering health insurance and excuses for class absences, processing emergency student loans, counseling, and coordinating all areas in the unit. In addition, the Vice President for Student Affairs serves as advisor to the Student Government Association.

STUDENT LIFE

Kentucky State University's Student Life Office serves as the focal point of University community life. The Office administers social, cultural, educational, and recreational activities in the Hill Student Center and the use of Student Center facilities by students, faculty/staff, and off-campus individuals. The Office monitors the activities of all campus organizations and serves in an advisory capacity to a number of student organizations.

The Office fosters students' growth and development by creating opportunities for students to sponsor and participate in social, cultural, spiritual, and recreational programs. Students gain leadership skills by taking on actual responsibilities of citizenship, putting their learning into the context of living, and applying their learning to practical situations.

The Office coordinates groups with common interests in the successful completion of campus-wide projects and activities; provides services and facilities to carry out University-sponsored programs that contribute to the educational and cultural growth of the University community; and coordinates the scheduling of such activities on the University's campus by on- and off-campus groups and organizations.

STUDENT GOVERNMENT ASSOCIATION

The Student Government Association (SGA) of Kentucky State University, which is the student governing body, offers the students a voice in the affairs of the campus community. The officers and other members manage many student-only projects, and one member serves as a voting member of the University's Board of Regents. This organization plays a part in scheduling or sponsoring concerts, dances, speakers, and other activities that make up the social and cultural life of Kentucky State University students. Whether planning entertainment,

presenting the student point of view to the University administration, or encouraging academic excellence among the student body, participants in student government help shape their community.

STUDENT ORGANIZATIONS

At Kentucky State University, "a chance to participate, and the opportunity to get involved" is much more than a phrase; it is a fact of campus life. The range of student organizations includes Greek fraternities and sororities, honor societies, academic clubs, literary groups, art/music clubs, and special interest organizations (nursing, international students, chess, etc.). Students with interests that are not represented may inaugurate organizations related to those interests. Interested students should contact the Office of the Vice President for Student Affairs for further information.

THE OFFICE OF RESIDENCE LIFE

The University provides housing for students who wish to live on campus. Most full-time undergraduate students live in the University's residence halls. *All full-time freshmen and sophomore students, except veterans of at least two years' active military service, students who commute from their parents' or legal guardians' homes, married students, or students 21 years of age or older, must live in campus housing.*

Residence halls vary in size and architectural style, and they provide double-room accommodations in most instances. A limited number of single rooms are available on a first-come, first-served basis. Some residence halls are reserved for freshmen.

An obvious advantage of the residence halls is their proximity to classroom buildings, the library, cafeteria, Student Center, gymnasium, and health center. Students in the residence halls have access to computer/study rooms, television lounges, game rooms, kitchen and laundry facilities, vending services, and telephones. Computer/study rooms are available on a 24-hour basis in each of the residence halls. All the residences are professionally staffed by Head Residents.

Meals are provided at the Underwood Cafeteria in the Student Center. The Office of Residence Life oversees the operation of all University-owned and operated housing facilities for students and coordinates all programs, services, and activities associated with these facilities. The Office encourages personal development through in-hall programs, academic and social activities, and is responsible for ensuring that students have an atmosphere conducive to studying. Students are encouraged and supported to assume responsibilities that foster growth away from home.

The Office of Residence Life ensures that the physical condition of the residence halls is maintained at an optimal

level and that opportunities are provided for social interaction in the residence halls. Security is available in all residence halls.

Applications for rooms in the residence halls are received at any time; however, applications are processed only after students have been officially admitted to the University. Requests for room reservations should be addressed to the Housing Office.

Each applicant must submit an application for housing and \$150.00 to cover the room reservation fee (\$90.00), as well as a damage deposit (\$25.00), key deposit (\$25.00), and social fee (\$10.00) before receiving a room assignment. Every effort will be made to honor an applicant's preference of residence hall and roommate assignment; however, a particular room is not guaranteed. Assignments are made on a first-come, first-served basis according to the date the deposit is received. Each student will be required to sign a University Residence Hall Contract, which sets forth the conditions for student housing; he/she is then issued a housing permit prior to being admitted to the residence hall.

One-half of the annual room fee must be paid during each of the two semesters during the regular academic year. Summer session room fees are due at the beginning of the term. All fees and expenses are payable in accordance with the fee-payment schedule in the Student Expenses section of this Catalogue.

CARE OF ROOMS

Students are expected to care for their rooms and to keep them clean and orderly. Kentucky State University attempts to make it possible for students to enjoy good living conditions; therefore, it expects those who occupy rooms in the residence halls to keep them in good condition. Students will be charged for any damage to University property.

Kentucky State University shall not be responsible for any theft or loss of property, or stolen property in students' rooms. Students may wish to purchase personal property insurance for their belongings. Information on such insurance may be obtained from the Office of Student Affairs and the Office of Residence Life.

ARTICLES TO BE FURNISHED BY STUDENTS

Students must furnish their own bed linen (twin bed sheets, pillow cases, comforters or blankets, and bedspreads), towels, wash cloths, and other personal items.

STUDENT HEALTH SERVICES

Kentucky State's Office of Student Health Services helps ensure the physical and mental health of University students. It is staffed by a registered nurse, a licensed physician, comprehensive counselor, drug and alcohol counselor, and secretary. The office is located in the Betty White Health Center. Its program is broad in scope, encompassing preventive medicine, health education, physical and mental health care, wellness program, and referral. Students are provided appropriate advice, medicines, comfort, educational material, and first aid. When necessary, Student Health Services refers students to appropriate health-care professionals or facilities in the Frankfort community or beyond. All records, treatments, and referrals are strictly confidential.

The services provided to students by Student Health Services include the following:

- AIDS education;
- Educational counseling for alcohol and other drug abuse;
- Free screening tests for hypertension, tuberculosis, chlamydia, gonorrhea, and breast cancer;
- Health education workshops and seminars to promote healthy life-styles;
- Counseling and mental health services by a licensed psychologist;
- Preventive and corrective health care (on an out-patient basis);
- An Annual Health Fair.

STUDENT HEALTH INSURANCE

The University has an agreement with an approved insurance company to cover students against any accidental injury and illness either at the University or at home during the period of coverage. The cost to each student will be determined by the insurance company with each new contract. Student health insurance is mandatory. All full-time students attending Kentucky State University are required to have coverage. Only those students who provide proof of adequate insurance will have this requirement waived. Information on these insurance programs and waivers may be obtained from the Office of Student Health Services or the Office of Student Affairs.

COUNSELING AND CAREER PLACEMENT

Choosing a career is an important concern of students and their families. While premature decisions are risky, failure to address career opportunities must also be avoided. The University devotes considerable attention to the goal of helping students think seriously about the implication of their career interests and then to locate practical ways to successfully satisfy the requirements of those career interests. It is appropriate to remind students that there is time enough to make adequate plans for careers. Indeed, what is essential is that students realize that many different kinds of career and vocational interests are available to them. Kentucky State University's Office of Counseling and Career Placement assists students in need of academic, personal, social, and vocational counseling; offers assistance to graduates in finding suitable employment in business, industry, governmental, and educational organizations that seek college-trained personnel for permanent employment; and informs faculty, staff, and administrators about employment trends, standards, and requirements (particularly as they affect the specific office or academic program concerned).

The Office also:

- Provides individual and group counseling to students at all levels;
 - Provides counseling for transfer, international, and nontraditional students;
- Develops and implements career-awareness and education programs for students, faculty, and the community;
 - Provides work experiences for students as part of their occupational orientation and career development;
 - Provides to students an option for incorporating a paid work experience into their education; and
 - Provides students the opportunity to consider possible employers through its placement activities.

UNIVERSITY POLICE

The Kentucky State University Police Department is a full service law enforcement agency with a mission to maintain a safe and secure atmosphere so that the KSU community can function as freely as possible without the effects of crime. The agency consists of sworn officers commissioned through the Kentucky Criminal Justice Training Department and civilian employee positions. Sworn police officers have full law enforcement authority. Safety requires the cooperative efforts of the University, students, faculty, and staff. Several service-oriented functions are provided to the University community. The University Police Department from 6:00 p.m. to 2:00 a.m. provides escorts to accompany an individual to any University academic building, parking lot, or residence hall. All visitors, students, faculty members, or employees can report potential criminal actions and other emergencies on campus directly to the University Police by dialing 597-6678. The department is located in the Exum Building and the lobby faces the Exum parking lot.

ACADEMIC FIELDS OF STUDY

and Number of Semester Credit Hours Required for Completion

AR — College of Arts and Sciences
 BU — School of Business
 PS — College of Professional Studies
 SP — School of Public Administration
 WY — Whitney M. Young, Jr. College of
 Leadership Studies

ASSOCIATE IN APPLIED SCIENCE DEGREE

Majors

Administrative Support Services (BU, 66)
 Computer Graphics and Multimedia Production
 Technology (PS, 64)
 Computer Electronics Technology (PS, 67)
 Nursing (PS, 73)

ASSOCIATE OF ARTS DEGREE

Majors

Liberal Studies
 Option: Seminar-based Honors Program (WY, 67)
 Option: General Liberal Studies Core (WY, 65)

BACHELOR OF MUSIC

Majors

Music Education with Teaching Certification
 Instrumental (AR, 139-140)
 Vocal (AR, 139)
 Music Performance (AR, 130-132)
 Instrumental
 Vocal

BACHELOR OF ARTS DEGREE

Majors

Art
 Art with Teaching Certification (AR, 138)
 Studio Art (AR, 132) (Minor required)
 Studio Art with one area of specialization required
 from Art History, Ceramics, Digital Imaging,
 Drawing, Painting, Photography, or Sculpture
 (AR, 130)
 Business Administration (BU, 128)
 Specializations:
 Accounting
 General Business
 Management
 Marketing
 Child Development and Family Relations (Non-
 Teaching) (PS, 128)
 Interdisciplinary Early Childhood Education (IECE)

(Birth to Primary Certification) (PS, 133)
 Criminal Justice (PS, 128)
 Elementary Education (PS, 129)
 English (AR, 128)
 English: Creative Writing
 English: Literature
 English with Secondary Certification (AR, 132)
 General Social Sciences
 Specializations:
 History (AR, 131) (Minor required)
 Sociology (AR, 128) (Minor required)
 Social Studies Education (AR, 128)
 Liberal Studies
 Option: Whitney M. Young, Jr. College of
 Leadership Studies with Honors Core
 (WY, 128) (Minor or Second Major
 Required)
 Option: Whitney M. Young, Jr. College of
 Leadership Studies with General Core
 (WY, 128) (Minor or Second Major
 Required)
 Option: Student-designed (AR, 128)
 Option: Student-designed (WY, 128)
 Mathematics (AR, 128-137)
 Applied Mathematics/Pre-Engineering
 Pure Mathematics
 Mathematics with Teaching Certification
 Physical Education (Non-Teaching) (PS, 129-135)
 (Minor required)
 Political Science (AR, 128) (Minor Required)
 Psychology (AR, 128) (Minor Required)
 Public Administration (SP, 131)
 Social Work (PS, 133)

BACHELOR OF SCIENCE DEGREE

Majors

Biology (AR, 128-136)
 Biology with Teaching Certification
 General Track
 Pre-Professional Track
 Chemistry (AR, 128-136)
 Computer Science
 Option: Business (PS, 128)
 Option: Mathematics (PS, 132-136)
 Nursing (PS, 57)
 Physical Education (Teaching) (PS, 130)

MASTER OF PUBLIC ADMINISTRATION DEGREE
(SP, 39-45)

Specialty Areas:

Human Resource Management
Management Information Systems (MIS)
International Administration and Development

**MASTER OF SCIENCE IN
AQUACULTURE/AQUATIC SCIENCES DEGREE**
(AR, 37)

**PROGRAMS LEADING TO TEACHER
CERTIFICATION BY
KENTUCKY DEPARTMENT OF EDUCATION**

Art Education (AR, 138)
Biology Education (AR, 128-139)
Computer Science Endorsement (PS, 23)
Elementary Education (PS, 129)
English Education (AR, 128)
Interdisciplinary Early Childhood Education (IECE)
(Birth to Primary Certification) (PS, 133)
Mathematics Education (AR, 128)
Music Education
Option: Instrumental (AR, 139-140)
Option: Vocal (AR, 130)
Physical Education (PS, 130)
Social Studies Education (AR, 128)

MINOR PROGRAMS

Accounting (BU, 18)
African-American Studies (AR, 18)
Aquaculture (AR, 19)
Athletic Coaching (PS, 20)
Athletic Training (PS, 21)
Biology (AR, 21)
Chemistry (AR, 20)
Child Development and Family Relations
(PS, 18)
Computer Information Systems (PS, 21)
Computer Science (PS, 21)
Criminal Justice (PS, 18)
Economics (BU, 18)
English (AR, 21)

Finance (BU, 21)
French (AR, 18)
Gerontology (PS, 21)
History (AR, 21)
History (*Teaching) (AR, 21)
International Studies (WY, 21)
Journalism (AR, 21)
Liberal Studies (WY, 18)
Management (BU, 21)
Marketing (BU, 21)
Mathematics (AR, 19)
Music Performance (AR, 21)
Philosophy (AR, 18)
Physics (AR, 21-22)
Political Science (AR, 18)
Psychology (AR, 18)
Public Administration (SP, 18)
Recreation (PS, 21)
Sociology (AR, 18)
Spanish (AR, 18)
Speech Communication (AR, 18)
Sports Management (PS, 21)
Studio Art (AR, 21)
Theatre (AR, 18)

** Teaching minors are available only to Students
who have teaching majors*

PRE-PROFESSIONAL PROGRAMS

Community Health (2-2)*
Cytotechnology (2-2)*
Dentistry
Engineering (3-2 Applied Mathematics)*
Law
Medicine
Nuclear Medicine Technology (2-2)*
Optometry
Pharmacy
Physical Therapy (2-2)*
Veterinary Medicine

** First figure represents years of study at Kentucky
State University; second figure represents years of
study at cooperating institution.*

THE COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences is the largest of the five (5) constituent colleges of the University. Consistent with the overall mission of the University, the major goal of the College of Arts and Sciences is to provide students with requisite academic skills, knowledge, and a sense of competence which will allow them to assume leadership roles in their respective fields of study. This College is organized into four degree granting divisions: Behavioral and Social Sciences; Fine Arts; Literature, Languages, and Philosophy; and Mathematics and Sciences. Academic majors, leading to the Bachelor of Arts or Bachelor of Science degrees are offered in the following areas:

Art	Mathematics
Biology	Music
Chemistry	Political Science
English	Psychology
Liberal Studies	Social Sciences
(Student-Designed)	

In addition, a pre-engineering academic major program is available in cooperation with the University of Kentucky, Vanderbilt University, the University of Maryland at College Park, and Florida A & M University. Students study Applied Mathematics for the first three years of their undergraduate career. Upon successful completion of requirements at Kentucky State University, pre-engineering students are accepted by one of the cooperating institutions for an additional two years of study in any of several fields of engineering. A student who successfully completes both portions of this double-degree program is awarded a Bachelor of Science degree in Mathematics with a specialization in Applied Mathematics from Kentucky State University and an engineering degree in the specific field from the University of Kentucky, Vanderbilt University, the University of Maryland at College Park, or Florida A & M University. Details of this particular program may be found in the Division of Mathematics and Sciences section of this Catalogue.

The College of Arts and Sciences, in conjunction with the Land Grant Program and Division of Mathematics and Sciences, offers a Master of Science Degree in Aquaculture/Aquatic Sciences. The Aquaculture Program is the only one of its kind in the Commonwealth of Kentucky and the surrounding states. Aquaculture is the rearing of aquatic organisms under controlled or semi-controlled conditions. Interest in Aquaculture has increased world-wide as fish consumption has increased concurrently with decreasing catches of wild fish. Aquaculture instruction at Kentucky State University will provide students with basic knowledge in fish nutrition and physiology as well as

practical experience in Aquaculture production of freshwater aquatic organisms being studied at the University. Aquaculture courses are taught by faculty who are active researchers in the field.

The College of Arts and Sciences offers minors in the following areas: African-American Studies, Aquaculture, Art, Biology, Chemistry, Communications, English, French, History, Journalism, Music, Philosophy, Physics, Political Science, Psychology, Rural Studies, Sociology, Spanish, and Speech and Theater.

Students interested in earning credit for Teacher Certification at the elementary or secondary level may take courses offered by the appropriate divisions in the College of Arts and Sciences in cooperation with the faculty of the Division of Education and Human Services in the College of Professional Studies. Details of these programs may be found in the College of Professional Studies section elsewhere in this Catalogue.

Students should refer to the appropriate degree program section in the College of Arts and Sciences for coursework requirements applicable to their particular programs. To earn a degree through the College of Arts and Sciences in four years, students must satisfy both academic program and University course requirements. Summer session coursework and possibly an additional academic year may be required in some cases. Every student is encouraged to work closely with his/her mentor or advisor.

Any student in the College of Arts and Sciences who has completed the Liberal Studies requirements of the University through the Whitney M. Young College of Leadership Studies will not be required to satisfy the number of semester credit hours of a suggested curriculum. However, the student will be required to complete a minimum of 128 semester credit hours and the required coursework in the major.

BACHELOR OF ARTS IN LIBERAL STUDIES (Student-designed major)

Through the College of Arts and Sciences or the Whitney M. Young, Jr. College of Leadership Studies, it is possible to earn a Bachelor of Arts degree following a specially-designed, individualized curriculum. A student-designed liberal studies curriculum permits a student to pursue a course of study which combines related subjects from different disciplines for the sake of some specific approved educational or career goal. The student-designed curriculum option is intended to serve students with special academic needs while maintaining a level of coherence and integrity in the course of study.

A student pursuing this degree must complete the University's Liberal Studies Requirements (or their equivalent through the Whitney M. Young, Jr. College of Leadership Studies). In the sophomore year, the student should petition for permission to follow a

student-designed curriculum. The general University requirement for a minimum of 128 semester credit hours for the Bachelor of Arts degree must be met. This petition will define and justify an interdisciplinary course of study. It will specify the general topic and purpose, show how particular courses from various academic units will contribute to the general goal, and propose a realistic course sequence.

The student will submit this petition to his/her mentor or advisor, who will collaborate with the student in refining the proposal. The mentor or advisor will send the petition and his/her recommendation to the dean of the College. The dean will transmit the petition and

his/her recommendation to the Vice President for Academic Affairs. The proposal will not be an approved course of study until it has the written approval of the Vice President for Academic Affairs.

A petition for a student-designed Bachelor of Arts in Liberal Studies program of study may be made after the sophomore year, but students who wait until the junior or senior year to propose an interdisciplinary curriculum will generally not be able to finish their undergraduate coursework within four academic years.

THE DIVISION OF BEHAVIORAL AND SOCIAL SCIENCES

The Division of Behavioral and Social Sciences is committed to the University's particular emphasis on liberal studies. Baccalaureate degree programs are offered in Political Science, Psychology, and Social Sciences with a Specialization in History, Sociology, and Social Studies Education. The Division provides its students with knowledge, skills, tools, and perspectives to analyze and interpret phenomena in their selected fields as well as in related disciplines. The intent is to develop scholars who are knowledgeable and well-versed in each of the behavioral and social sciences.

In cooperation with the Division of Education and Human Services, the Division offers a specialization in Social Studies Education, which primarily requires courses from the Division of Behavioral and Social Sciences curriculum, along with professional Education Courses. Details of this program may be found in the Division of Education and Human Services section of this Catalogue.

AFRICAN-AMERICAN STUDIES (AAS)

The Division of Behavioral and Social Sciences also offers a minor in African-American Studies. This is an interdisciplinary program administered by the faculty of History. Kentucky State University is committed to continued scholarship, inquiry, and education in African-American history and culture. By drawing upon the resources of faculty in a broad range of related studies, it is hoped that students will develop an understanding of the African-American experience from a variety of perspectives.

Admission to this program requires a cumulative grade-point average of 2.0, and it is recommended that students complete the Liberal Studies Requirements prior to pursuing the minor. Students must successfully complete 18 semester credit hours from a variety of interdisciplinary courses selected in consultation with their advisor. The courses include ART 303; ENG 409; GEO 212; HIS 314, HIS 365, HIS 366, and HIS 411; MUS 323 and MUS 325; POS 462; and SOC 304.

HISTORY

A Specialization in History provides a global perspective on the social, political and intellectual development of civilizations. It allows students an opportunity to reflect on the past, gain a historical perspective on the present, and acquire a knowledge and understanding of human behavior. A History specialization may choose courses that deal with Africa, Asia, Europe, North America, and South America.

The History program offers a curriculum that is designed to prepare graduates to function in and contribute to an expanding society; enhance critical thinking skills; develop an appreciation and understanding of historical research methodologies;

become aware of the contributions of diverse cultures to our global society and be able to internalize and integrate this information into their total knowledge base; and prepare students for advanced professional studies as well as varied career opportunities.

To satisfy the requirements for the Bachelor of Arts in Social Sciences with a Specialization in History, a student must complete a minimum of 131 semester credit hours including 36 semester credit hours in History. The required courses are HIS 101, 102, 201, 202; 314 or 316; 333 or 366, and HIS 499; the remaining 15 semester credit hours of 300/400 level History courses must be selected in consultation with the student's advisor. Additionally, the student must complete a minor.

A minor in History requires the completion of 21 semester credit hours. Specific course requirements include HIS 102, 201, and 202; the remaining 12 semester credit hours must be selected in consultation with the student's minor advisor from 300/400 level History courses. In addition, students must complete HIS 103 as part of the Liberal Studies requirement.

POLITICAL SCIENCE

Political Science, as a discipline, involves the systematic study of politics and the political system. The Political Science program at Kentucky State University has a highly developed academic curriculum that prepares students for graduate study in political science or related areas such as law or public administration. Political Science requires the application of knowledge and critical thinking to assess, prevent, and resolve political and social problems. Additionally, the curriculum addresses preparation of students for entry-level career position in the public and private sectors of employment.

To satisfy the requirements for the Bachelor of Arts degree in Political Science, a student must complete a minimum of 128 semester hours, including 36 semester credit hours in Political Science. The required courses are POS 160, 201, 211, 300*, 301**, 355, and 499; and the selection of 6 semester credit hours from any two of the three specialization options (Constitutional Law, International Relations, and Legislative/Executive Politics) in consultation with the student's advisor. Students seeking the Constitutional Law option must complete POS 331 and 431. Students selecting the International Relations option must complete 6 semester credit hours from POS 311, 361, 363, 462, or 464. Students select the Legislative/Executive Politics option must complete 6 semester credit hours from POS 322, 466, or 461. Students should consult their advisor for the availability of other specialization options. The student in consulting with his/her advisor must select a final 3 semester hours elective from a 300/400 level political science course to complete the 36 hour Political Science major. Additionally, the student must complete

a minor. Also, students must complete POS 101 as part of the Liberal Studies Requirement.

A minor in Political Science requires the completion of 18 semester credit hours including POS 160, 211, 300 or 301, 355 and the selection of one 6 semester credit hour specialization option in consultation with the student's minor advisor. In addition, students taking a minor in Political Science must complete POS 101 as part of the Liberal Studies Requirements.

* SOW 400 (Statistics for Social Work) or PUA 203 (Introduction Statistics for Public Administrators) may substitute.

** SOW 401 (Research Methods for Social Work) or PUA 303 (Research Methods in Public Administration) may substitute.

PSYCHOLOGY

Psychology involves the scientific study of a vast array of phenomena related to the actions and experiences of organisms. Psychologist study phenomena such as perception, memory, thought, behavior, and the psychological, social, physiological, and development process that underlies these phenomena. In addition to its commitment to scientific truth, psychology requires the application of knowledge and critical thinking/reasoning skills to assess, prevent, and resolve individual and social problems.

The Psychology program at Kentucky State University leads to a major or a minor that prepares the student with a solid, well-rounded education in psychology. The study of psychology serves as a useful foundation for the pursuit of careers in business, law, medicine, social work, and the other helping professions; or majors may pursue further study in psychology at the graduate level.

To satisfy the requirements for the Bachelor of Arts degree in Psychology, a student must complete a minimum of 128 semester credit hours, including 36 semester credit hours in Psychology. The required courses are PSY 300, 303, 304, 320, 399, 400, 401, 499; and two of the following courses: PSY 408, 409, 410, 411, or 413. The student, in consultation with his/her advisor, must select an additional 6 semester credit

hours of 300/400 level Psychology courses. Additionally, the student must complete a minor or career concentration track. PSY 200, which does not count toward the major requirements, must be taken as a Liberal Studies Requirement.

A minor in Psychology requires the completion of 18 semester credit hours. Specific course requirements include PSY 300, 303, 304, 400, or 401; the remaining 6 semester credit hours must be selected in consultation with the student's minor advisor from 300/400 level Psychology courses. In addition, students must complete PSY 200 as part of the Liberal Studies Requirement.

SOCIOLOGY

Sociology is the scientific study of societies and social structures. It examines the behavior of large and small groups in various contexts and seeks improved understanding of the principles and dynamics of human relationships. The Sociology program at Kentucky State University offers a contemporary curriculum of sociology and related professional courses. The program builds upon a liberal studies foundation and is designed to provide students with several program and career options.

To satisfy the requirements for the Bachelor of arts degree in Social Sciences with a Specialization in Sociology, a student must complete a minimum of 128 semester credit hours, including 36 semester credit hours in sociology. The required courses are SOC 300, 301, 303, 304, 305, 403, 405, and 499. The student, in consultation with his/her advisor, must select an additional 12 semester credit hours of Sociology courses at the 300/400 level. Additionally, the student must complete a minor and SOC 203 as part of the Liberal Studies Requirement.

A minor in Sociology requires the successful completion of 18 semester credit hours. Specific course requirements are GEO 102; SOC 300 or 301; and 304 and 305; the remaining 6 semester hours must be selected in consultation with the student's minor advisor from 300/400 level Sociology courses. In addition, students must complete SOC 203 as part of the Liberal Studies Requirement.

THE DIVISION OF FINE ARTS

The Division of Fine Arts is comprised of the programs in Art, Music, Speech Communication, Theatre, and Communications. Baccalaureate degree programs are offered in Studio Art and in Music Performance, and minors are offered in Art, Music, and Speech Communication and Theatre. The arts broaden human potential and provide room for creativity and growth. The arts also enhance the quality of life and the development of cognitive and expressive skills. Through presentations such as concerts, theatre productions, art exhibitions, lectures, and workshops, the arts provide an aesthetic and cultural environment vital to academic life. The Division of Fine Arts prepares its majors for a variety of professions in the arts and related fields, and gives them a foundation for graduate study.

The Division of Fine Arts supports the University's mission by providing liberal studies courses in art and music; by providing students with opportunities to develop and enhance effective oral and interpersonal communication skills for life in today's multicultural society; by providing professional services to public schools; and by preparing students to make significant contributions to society as fine arts educators, performers, and visual artists. The Division promotes teaching excellence through its maintenance of a low student-faculty ratio and its emphasis on performance-based goals.

ART

The Division of Fine Arts offers a Bachelor of Arts degree in Studio Art and in cooperation with the Division of Education and Human Services in the College of Professional Studies, the coursework necessary for teacher certification in Art Education. Details of the teacher certification program may be found in the Division of Education and Human Services sub-section of the College of Professional Studies section of this Catalogue.

Art courses at Kentucky State University are designed to serve both those students who are interested in Art as a profession and those who are primarily interested in obtaining knowledge of various art forms or opportunities for creative expression. Course offerings include those in ceramics, drawing, painting, printmaking, sculpture, digital photography, film, digital imaging, design, art history, and art education.

Students have the option of pursuing either a major in Studio Art with a minor or a major in Studio Art with one area of specialization. Art areas of specialization may be selected from art history, ceramics, drawing, painting, digital photography, printmaking, sculpture, or digital imaging. Enrollment in studio art courses is generally limited to 10-15

students. The instructor provides personal guidance and attention to each student. Studio spaces may be available for students to have individual working areas. Studio and academic opportunities are enriched for Art majors by field trips to galleries and museums, and by a series of guest lecturers to the University. In addition, Jackson Hall Gallery hosts local, regional, and national art exhibitions for the entire University.

Studio Art Major with a Minor

This major is for students who desire a liberal arts education with a general background in the visual arts. This curriculum requires the completion of 132 hours. The program consists of 52 semester credit hours in studio and art history courses, an academic minor outside of Art, 6-9 semester credit hours of free electives, and the Liberal Studies Requirements. The required Art courses are ART 110, 112, 113, 201, 202, 211, 360 (x3), and 400; 15 semester credit hours in the Art core to be selected from ART 220, 240, 245, 305, 306, 307, 310, 315, or 317 (of which 9 semester credit hours must be selected from 300/400 level courses); a 3 semester credit hour art history elective; and 12 semester credit hours of 300/400 level courses in Art elective courses. The major requires a total of 132 semester credit hours.

Studio Art Major with One Area of Specialization

This major is for students who want a stronger foundation in Art with specialized study in one area of Art and with additional art courses replacing the minor. This curriculum requires the completion of 130 hours.

The program consists of 70 semester credit hours of studio and art history courses, 7 semester credit hours of free electives, and the Liberal Studies Requirements. A minor is not required. The required Art courses are ART 110, 112, 113, 201, 202, 211, 360 (x3), and 400; 18 semester credit hours in the Art core to be selected from ART 220, 240, 305, 306, 307, 310, 315, or 317 (of which 12 semester credit hours must be selected from 300/400 level courses); 24 semester credit hours of 300/400 level Art elective courses (of which 12 semester credit hours must be selected from one area of specialization); and 6 semester credit hours of art history electives at the 300 level. The major requires a total of 130 semester credit hours. Students who intend to do graduate work in Art should pursue this option.

Studio Art Minor

This is a non-teaching minor. A minor in Studio Art requires the completion of 21 semester credit hours. Specific course requirements include ART 110, 112, 113, 201, and 202; and 6 semester credit hours of studio art electives at the 200 level or above.

The nature of the study of Art at Kentucky State University requires the stipulation of certain regulations. They are as follows:

- **Studio Art Courses.** For each studio semester credit hour, two hours of work in class and a minimum of one hour outside of class are required per week.
- **Art Exhibits.** All Art majors are expected to attend the opening of each campus exhibit sponsored by the Art Area.
- **Sophomore Review.** While enrolled in the fourth semester of the Art curriculum, each student must present examples of his or her art work from each of the studio art areas for review by members of the Art faculty. After this review the Art faculty will advise the student whether upper-level courses may be taken.

- **Senior Review and Exhibit.** Each Art major's

work is reviewed during the senior year by a committee of Art faculty members to ascertain whether the work is of sufficient quality to warrant a public exhibit. If a student's work does not pass the review, it must be resubmitted. Art majors are required to have a public, on-campus exhibit of their art work prior to graduation.

- **Graduates.** Each Art graduate will be asked to donate a piece of art to the University's permanent art collection.
- **Non-Art Majors.** Non-Art majors may take any introductory Art course and any advanced Art course for which prerequisites may be waived by the instructor of the course.
- **Art Education Majors.** An Art Education major must comply with all of the above-stated regulations and those stipulated elsewhere in this Catalogue in the College of Professional Studies section.

For specific requirements to receive teacher certification, interested students should consult the Catalogue section under the Division of Education and Human Services. Students seeking teacher certification should refer to the admission criteria and procedures included in the College of Professional Studies section of this Catalogue.

MUSIC

The Area of Music offers the Bachelor of Music degree with major specializations in Music Education (139-140 semester credit hours required) and Music Performance (130-132 semester credit hours required). The degree requires the successful completion of a core curriculum (45 semester credit hours); the Liberal Studies Requirements (50-51 semester credit hours); the Fine Arts requirement is waived); and a major Specialization in Music Education (43-44 semester credit hours) or Music Performance (26-28 semester credit hours).

Kentucky State University is an accredited institutional member of the National Association of Schools of Music.

Core Curriculum

The Bachelor of Music degree core curriculum must be completed by all music majors and requires 45 semester credit hours. The core curriculum is comprised of MUS 101, 102, 103, 201, 202, 301, 321, 322, 352, 403, 424; MUA 161, 162, 261, 262, 361, 362; MUC 341, 342, 343, 345, 347, and six semesters of major ensemble (for instrumental majors: MUP 381, 3 semesters, and 382 or 385, 3 semesters; for vocal majors: MUP 386, 6 semesters).

Liberal Studies Requirements

All music majors must successfully complete the University Liberal Studies Requirements except for the Fine Arts component (ART 130 or MUS 130). Music majors pursuing a Specialization in Music Education must successfully complete HED 221 and a one semester credit hour PHE elective in the Health Education component of the Liberal Studies. Music majors pursuing a specialization in Music Performance must successfully complete HED 221 or two semester credit hours of PHE electives.

Music Performance Specialization

The Music Performance Specialization with an instrumental emphasis (brass, wind, or percussion principal instrument) requires the successful completion of MUS 354, 426, 427, 430; four semesters of minor applied studies in piano with the level of entry determined by the Piano Placement Examination; minor applied elective studies on a secondary instrument (2 semester credit hours) with the level of entry determined by audition; MUA 461, 462; instrumental ensemble electives (2 semester credit hours) chosen from MUP 355, 358, or 385; instrumental chamber music ensemble electives (2 semester credit hours) chosen from MUP 387, 388, 389, or 390 as appropriate to the major performance instrument; and nine hours of free electives.

The Music Performance Specialization with a keyboard emphasis (piano or organ) requires the successful completion of MUC 349; MUS 350, 354,

426, 427, 428; minor applied elective studies on a secondary instrument (2 semester credit hours) with the level of entry determined by audition; minor applied elective studies (2 semester credit hours); MUA 461, 462; instrumental ensemble electives (2 semester credit hours) chosen from MUP 355, 358, or 385; instrumental chamber music ensemble electives (2 semester credit hours) chosen from MUP 387, 388, 389, or 390 as appropriate to the major or secondary performance instrument; and nine hours of free electives.

The Music Performance Specialization with a vocal emphasis requires the successful completion of MUS 336, 353, 426, 427, 429; four semesters of minor applied studies on piano with the level of entry determined by the Piano Placement Examination; minor applied elective studies (2 semester credit hours); MUA 461, 462; vocal ensemble electives (2 semester credit hours) chosen from MUP 311, 357, or 383; and nine hours of free electives.

Music Education Specialization

The Music Education Specialization, which leads to P-12 teacher certification and is accredited by the National Council for Accreditation of Teacher Education (NCATE) and by the Kentucky Education Professional Standards Board, is offered in conjunction with the Division of Education and Human Services in the College of Professional Studies. All students in the Music Education Specialization must enroll in and successfully complete a dual-placement supervised teaching experience (EDU 484) at both the elementary and secondary levels.

The Music Education Specialization with an instrumental emphasis (brass, wind, or percussion principal instrument) requires the successful completion of MUE 310, 311, 325, 331, 332, 348, 437; MUS 354; instrumental chamber music ensemble elective appropriate to the major instrument (1 semester credit hour); and EDU 202, 302, 304, 310, and 484.

The Music Education Specialization with a keyboard emphasis (piano or organ) requires the successful completion of MUC 349; MUE 310, 311, 325, 331, 332, 348, 437; MUS 354; instrumental chamber music ensemble elective appropriate to the major or secondary instrument (1 semester credit hour); and EDU 202, 302, 304, 310, and 484.

The Music Education Specialization with a vocal emphasis requires the successful completion of MUE 310, 311, 325, 331, 332, 435; MUS 336, 353; vocal ensemble elective (1 semester credit hour) chosen from MUP 311, 357, or 383; and EDU 202, 302, 304, 310, and 484.

Music Placement Examinations

Placement examinations in music theory and piano, and applied music auditions on the principal instrument or voice are given during registration week of the fall and spring semesters to all entering students intending to declare a major in Music. The Music Theory Placement Examination is administered to determine the student's level of entry in the music theory sequence (MUS 099 or MUS 101). The Piano Placement Examination is administered to determine the student's level of entry in piano studies (MUC 110, 111, 210 or 211; MUA 121, 122, 221, or 222, Minor Applied Piano; or MUE 310 as applicable). Applied music auditions are heard by the music faculty to determine the student's level of entry into the major or minor sequence of applied studies.

Sophomore Applied Music Proficiency Examination

The Sophomore Applied Music Proficiency Examination is the MUA 262 jury heard by a quorum of applied music faculty to determine the student's mastery of performance skills that are prerequisite to matriculation through 300- and 400-level applied music courses. Based on the outcome of the jury examination (pass/fail) the Music Faculty will advise the student to continue in the Bachelor of Music degree program or elect another degree program in the University.

Piano Proficiency Examination

The Piano Proficiency Examination is administered to determine achievement of required keyboard skills competencies. For Music Education majors, a passing score on the examination must be achieved to successfully complete MUE 311; for Music Performance majors, a passing score on the examination must be achieved to successfully complete MUA 222 (piano).

Major Areas of Performance

Each music major is required to designate a principal performance area of major applied study and must enroll in the corresponding course sequence until recital requirements are completed as required. Changes in the principal performance area must be approved by a quorum of the Music Faculty.

Required Recital Performances

In addition to completing the required courses for the Bachelor of Music degree, all music majors must perform a public recital on their major instrument or voice to demonstrate knowledge of applicable solo performance literature and competency in its preparation. For Music Education majors, a recital of 30 minutes of music must be presented during the semester following the successful completion of MUA 362; for Music Performance majors, a recital of 45 minutes of music must be presented during the semester of enrollment in MUA 462. In addition, Music Performance majors must perform a recital of 30 minutes during the semester of enrollment in MUA 362. All recitals must be approved by a quorum of the Music Faculty no later than three weeks prior to the scheduled performance. No recitals may be presented after the last official day of classes or during the final examination period of the applicable semester.

Minor in Music Performance

A minor in Music Performance requires the completion of 21 semester credit hours. These include nine hours of music theory (MUS 101, 102, 201); six hours of music history (MUS 321, 322); two hours of class piano (level of entry to be determined by the Piano Placement Examination); two hours of Minor Applied electives (MUA 121, 122, 221, 222); and two hours of music ensemble courses.

SPEECH COMMUNICATION, AND THEATRE

The Area of Speech Communication, and Theatre seeks to develop an awareness of the methods and techniques necessary for the continual improvement of human communication as a social and professional tool. Courses are designed to help students understand the methods and techniques used by the media systems, to assist students in their understanding and appreciation of cultural heritages, and to help them develop strong and healthy relationships. The University has two theaters which serve as laboratories for instruction and facilities for University-sponsored theatrical productions. Faculty and students participate in prominent theatrical organizations. A minor in Speech Communication, and Theatre requires the completion of 18 semester credit hours in addition to SPE 103, Interpersonal Communication, from the Liberal Studies Requirements. Students may concentrate in any of the three components. Specific course requirements include:

Minor in Speech Communication: SPE 200 (Public Speaking), COM 215 (Mass Communication and Society), SPE 302 (Interracial/Intercultural Communication), SPE 304 (Oral Interpretation), and SPE 315 (Voice and Diction). The remaining 3 semester credit hours must be selected in consultation

with the student's minor advisor.

Minor in Theatre: THE 204 (Introduction to Theatre), THE 250 (Acting), THE 305 (Theatre History), THE380 (Play Directing), and THE 408 (Black Theatre). The remaining 3 semester credit hours must be selected in consultation with the student's minor advisor. Approval of the area advisor is necessary for the selection of these electives.

Minor in Journalism: The minor in Journalism is administered by Speech Communication (Fine Arts Division), and the classes are taught jointly by English and Speech Communication faculty. The minor is intended both for those who want to major in English but who also want a minor which is more focused on a specific professional field (other than teaching), and for those who want training in Journalism to supplement another major. The minor consists of the following courses:

- ART 307 Photography
- COM 215 Mass Communication and Society
- ENG 204 Journalism
- ENG 361 Journalism II
- ENG 362 News Editing
- ENG 363 Feature/Public Relations Writing
- COM 364 Desktop/Web Publishing

THE DIVISION OF LITERATURE, LANGUAGES, AND PHILOSOPHY

The study of the Language Arts has always been central to a Liberal Arts Curriculum. The Division of Literature, Languages, and Philosophy offers the Bachelor of Arts degree in English, and certification in teaching English, as well as minor programs in Creative Writing, English, Foreign Languages, Journalism, and Philosophy.

The English major provides students with a flexible curriculum, designed to provide the training and marketable skills sought by law schools, public relations firms, advertising agencies, and graduate school programs. To that end, the English major develops the writing and textual analysis skills which are crucial to an increasingly information-laden, text-oriented world in which the average employee will change careers at least five times before retirement. Majors complete both a set of core requirements and courses in a concentration of their choice: Literature, Creative Writing, or English with Teaching Certification.

The Division also offers minor programs in English, French, Spanish, Philosophy, Creative Writing, and Journalism (the latter in cooperation with the Communication Department of the Division of Fine Arts—see above). These minor programs are designed to complement the major programs offered by Kentucky State University and to provide students with additional flexibility and breadth of academic training. These minors are particularly useful for those students who wish to be flexible in future career paths, who plan careers in fields requiring diverse skills, and who will be pursuing global careers.

Every course offered by the Division emphasizes writing, and students are encouraged to take an active part in classroom discussion. Coursework in foreign languages emphasizes written and spoken communication skills, and faculty make an effort to acquaint students with the complex relationships that exist between literary traditions and the historical and cultural contexts out of which these traditions arise. Coursework in philosophy addresses fundamental questions about the nature and possibility of knowledge, problems of ethics, logical issues, questions about the nature of reality, and issues that arise in the making and criticism of works of art.

Divisional Attendance Policy

For all classes offered by the Division of Literature, Languages and Philosophy, the Divisional Attendance Policy will be enforced. This policy states that missing more than twenty percent (20%) of the course's total class meetings for any reason is in itself sufficient cause for a student to receive a failing grade in the course. Instructors may adopt other attendance policies at their own discretion as long as these policies are included in the class syllabus and are within the parameters of the

University's attendance policy. Instructors will adopt their own policies for lateness and early departure from class and list these policies in the class syllabus.

ENGLISH

Admission to the English major, and continuation as an English major, is overseen by the English Major Review Committee. Students must be approved to major in English by the Review Committee and the Chairperson of the Division of Literature, Languages, and Philosophy; a student majoring in English who receives grades below a "C" in two English classes will have his/her record evaluated by the Committee. The Board retains the right to remove a student from the English major due to continued poor performance.

Student Competencies

To receive a Bachelor of Arts degree in English or a minor in English, students must be able to

- express themselves effectively in written English;
- think critically and analytically;
- demonstrate knowledge of literature representing a variety of literary forms, figures, and periods;
- demonstrate knowledge of the fundamentals of literary analysis and criticism;
- demonstrate general knowledge of the history of the English language and linguistic theories, and standard English grammar; and
- demonstrate knowledge of research techniques and use of the library.

Major in English

To satisfy the requirements for the Bachelor of Arts degree in English, students must complete a total of 128 semester credit hours with a minimum of 39 semester credit hours in English coursework. These credit hours must include both a 27 credit hour core and an additional 12 credit hours in one of three concentrations (Literature, Creative Writing or English with Teaching Certification). A total of 45 semester credit hours at the 300/400 level are required for graduation.

Core English Requirements (for all majors):

- ENG 313: Non-Western Literature
- ENG 322: Survey of British Literature I
- ENG 323: Survey of British Literature II
- ENG 324: Survey of American Literature I
- ENG 325: Survey of American Literature II
- ENG 409: Literature of African-Americans
- ENG 413: Literary Criticism

One writing class. Choose from:

- ENG 204: Journalism*
- ENG 214: Persuasive Writing

ENG 216: Technical Writing

One language class. Choose from:

ENG 311: Advanced Grammar*

ENG 314: History of the English Language

ENG 317: Linguistics

*mandatory for English with Teaching Certification Concentration

Concentrations in the English Major

To satisfy the requirements for the Bachelor of Arts degree in English, a student must complete 12 semester credit hours in one of the following concentrations in addition to the 27 hour English Core listed above:

Literature: the student must complete the following classes:

ENG 398: Literary Heritage

ENG 399: Special Topics

ENG 499: Capstone

and either

ENG 411: Shakespeare *or*

ENG 415: Major Author(s)

Creative Writing: the student must complete the following classes:

Choose Two:

ENG 342: Writing Poetry

ENG 343: Creative Non-Fiction

ENG 345: Writing Drama/Screenplay

ENG 346: Writing Fiction

Plus Both:

ENG 490: Senior Creative Project *and*

ENG 499: Capstone

English with Teaching Certification: in addition to the Education classes necessary to obtain teaching certification, the student must complete the following classes, as well as complete ENG 204 and 311 in order to fulfill core requirements in writing and language:

ENG 214: Persuasive Writing

ENG 390: Adolescent Literature

ENG 433: Reading and Writing Clinic Practicum

EDU 445: Reading Instruction in the Secondary School

For specific requirements to receive teacher certification, interested students should consult the Catalogue section under the Division of Education and Human Services.

Students seeking teacher certification should refer to the admission criteria and procedures included in the College of Professional Studies section of this Catalogue.

Minor in English

A minor in English requires the completion of 21 semester credit hours in the following courses:

ENG 214: Persuasive Writing

ENG 313: Non-Western Literature

One language class. Choose from:

C ENG 311: Advanced Grammar

C ENG 314: History of the English Language

C ENG 317: Linguistics

One British *and* one American Survey class:

C ENG 322: Survey of British Literature I *or*

C ENG 323: Survey of British Literature II

and either

C ENG 324: Survey of American Literature I *or*

C ENG 324: Survey of American Literature II

One major author class:

C ENG 411: Shakespeare

C ENG 415: Major Author(s)

One elective (any 300/400 level ENG class).

In addition to the above courses, a teaching minor in English requires the completion of 24 semester credit hours including ENG 390. These requirements are in addition to ENG 101, 102, and 211.

Minor in Creative Writing

The Minor in Creative Writing requires the completion of 18 credit hours in the following courses:

One "core" writing class. Choose from:

C ENG 204: Journalism

C ENG 214: Persuasive Writing

C ENG 216: Technical Writing

One language class. Choose from:

C ENG 311: Advanced Grammar

C ENG 314: History of the English Language

C ENG 317: Linguistics

Three Creative Writing classes. Choose from:

C ENG 342: Writing Poetry

C ENG 343: Writing Creative Non-Fiction

C ENG 345: Writing Drama/Screenplay

C ENG 346: Writing Fiction

One Senior-level class:

C ENG 490: Senior Creative Project

Minor in Journalism

The Minor in Journalism requires 18 credit hours for

English majors who take ENG 204 to fulfill their “core” writing course requirement, and requires 21 credit hours for all other students. Courses toward the Minor in Journalism are the following:

ART 307	Photography
COM 215	Mass Communications and Society
ENG 204	Journalism
ENG 361	Journalism II
ENG 352	News Editing
ENG 363	Feature/Public Relations Writing
ENG 364	Desktop/Web Publishing

MODERN FOREIGN LANGUAGES

Coursework in American Sign Language, French, Italian, Japanese, Korean, Russian and Spanish is offered by members of the faculty of the Division of Literature, Languages, and Philosophy. Coursework in foreign languages emphasizes instruction in the fundamentals of syntax, pronunciation, and idiomatic expressions. There is a four-way approach to teaching foreign languages (listening/comprehension, conversing, reading, and writing). Instruction takes place in both the classroom and the foreign language laboratory, where students practice speaking and pronunciation and where they watch video material, films, or documentaries in the foreign language they study. Intermediate and upper-level courses stress the acquisition of communicative skills and cultural or literary information.

Students who pursue a baccalaureate degree are required to complete 6 semester credit hours of a foreign language (101 and 102 or 171 and 172) as part of the Liberal Studies Requirements, or to demonstrate elementary knowledge in a foreign language by making the necessary score on an AP examination or on a CLEP examination (see the Catalogue section on Credit by Examination/Certification and credit for Life Experience). Foreign language proficiency examinations are also available to those who seek advanced placement in a foreign language or exemption from the foreign language requirement (see the Catalogue subsection on Proficiency Examination Programs).

Elementary foreign language courses 101 and 102 or 171 and 172 must be taken in sequence and in the same language.

Minor in French

The Minor in French requires the completion of 18 credit hours beyond the 100 level in the following courses:

FRE 201: Intermediate French I
 FRE 202: Intermediate French II
 FRE 311: Advanced French Composition
 FRE 312: Advanced French Conversation and either
 FRE 301: Survey of French Literature I and
 FRE 302: Survey of French Literature II
 or
 FRE 322: French Civilization and
 FRE 413: Black Literature in French

Minor in Spanish

The minor in Spanish requires the completion of 18 semester credit hours beyond the 100 level in the following courses:

SPA 201: Intermediate Spanish I
 SPA 202: Intermediate Spanish II
 SPA 303: Advanced Spanish I
 SPA 304: Advanced Spanish II
 SPA 401: Survey of Peninsular Literature
 SPA 402: Survey of Latin-American Literature

PHILOSOPHY

The academic study of philosophy is an important part of a liberal studies institution. Accordingly, Kentucky State University offers a minor in Philosophy through the Division of Literature, Languages, and Philosophy. While the study of Philosophy can benefit any student, the minor is especially recommended for the following kinds of students: (a) students pursuing a pre-law curriculum, (b) prospective pre-health/medical professionals, (c) computer science majors, (d) majors in the humanities, (e) students in the Whitney M. Young, Jr. College of Leadership Studies, (f) students desiring to prepare for and excel in the Integrative Studies (IGS) sequence, and (g) students with interest in careers in theological schools and religious professions.

The Philosophy program at Kentucky State University offers courses in a variety of basic and specialized philosophical disciplines. The main thrusts of the program are the development of analytical and critical reasoning skills and a focus upon evaluating arguments for and against important contemporary and classical philosophical proposals. The Philosophy program offers occasional colloquia featuring guest speakers, and is closely tied to the Institute for Liberal

Studies, which provides various scholarly and cultural activities of interest to philosophy students.

Minor in Philosophy

The minor in Philosophy requires the completion of 18 semester credit hours in the following courses:

PHI 200: Introduction to Philosophy

PHI 210: Introduction to Logic

PHI 310: Moral Philosophy

and three courses chosen from:

PHI 330: Philosophy of Religion

PHI 390: Bioethics

PHI 400: Metaphysics *or*

PHI 490: Survey of Basic Mathematical Logic.

THE DIVISION OF MATHEMATICS AND SCIENCES

Inquiry into the nature of physical phenomena is among the most persistent of human concerns. During the past century, both the scope and pace of such inquiry have broadened and accelerated, and its influence on our civilization has become pervasive. The discoveries and consequences of scientific inquiry have profoundly affected the human race—both in daily life and in practically all domains of intellectual life.

The Division of Mathematics and Sciences believes that an understanding of mathematics and the sciences is an indispensable part of a sound education. Coursework in the Division provides students with instruction that addresses fundamental issues in the broad range of scientific inquiry. The Division seeks to instill in students an appreciation of critical thinking as well as knowledge of specific subjects. Students who decide to major in one of the disciplines of the Division undertake specialized study and research in their selected fields.

The Division offers majors in Biology, Chemistry, and Mathematics. The major in Biology includes three options: General Biology, Pre-Professional and Biology with Teaching Certification. The major in Mathematics includes three options: Applied Mathematics/Pre-Engineering, Pure Mathematics and Mathematics with Teaching Certification. The major in Mathematics leads to a Bachelor of Arts degree and the others lead to a Bachelor of Science degree. Minors are offered in Aquaculture, Biology, Chemistry, Mathematics, and Physics. (See the Division of Education and Human Services sub-section of the College of Professional Studies section in this Catalogue for more details on the certification programs.)

The student majoring in Applied Mathematics/Pre-Engineering pursues a five-year curriculum leading to two degrees: a Bachelor of Arts degree in Engineering from the University of Kentucky, the University of Maryland at College Park, Vanderbilt University, or Florida A & M University and a Bachelor of Science Degree in Applied Mathematics from Kentucky State University. More information about this program may be found in the sub-section describing the Mathematics

offerings or by contacting the Chairperson of the Division of Mathematics and Sciences.

The Division offers a curriculum leading to the Bachelor of Science degree in programs related to the health professions. Students interested in medicine, optometry, physical therapy, pharmacy, or other allied health fields should consult the chairperson of the Division of Mathematics and Sciences or the Pre-health professions advisors. The following section of this Catalogue describing allied health offerings also contains information relevant to these fields.

NOTE: Students must complete all prerequisite courses in the Division of Mathematics and Sciences with a grade of "C" or better before they may attempt the next course in a course sequence.

ALLIED HEALTH AND PRE-HEALTH PROGRAMS

Allied Health

Allied Health offerings at Kentucky State University include pre-physical therapy, pre-cytotechnology, pre-nuclear medicine technology, pre-optometry, and pre-pharmacy. For these programs, the Division offers coursework that prepares the student for admission to upper-level courses at a university with an accredited program toward the degree.

Medicine and Dentistry

The Division offers uniquely attractive programs for Kentuckians interested in entering medical or dental schools. The medical and dental schools of the University of Kentucky and the University of Louisville offer admission each year to a number of qualified Kentucky State University graduates not exceeding three percent of the professional schools' entering classes. Kentucky State University students benefit from this arrangement because they compete for admission only with other qualified applicants from Kentucky State University. No other college or university in Kentucky has been given this opportunity to establish such an advantageous program for its students.

The student must fulfill specific requirements to qualify for admission to a medical or dental school under this program. They include the following:

- Any major is acceptable, but students must complete at least one year of biology with laboratory, one year of general chemistry with laboratory, one year of organic chemistry with laboratory, one year of physics with laboratory, one year of college mathematics or one semester of calculus, one year of English, and other courses that will help assure success, such as those in advanced communication skills, logic or computer science, and psychology.
- A minimum grade-point average of 3.4 in all science courses and a minimum cumulative grade-point average of 3.4 are required for medical school. A minimum grade-point average of 3.0 in all science courses and a cumulative grade-point average of 3.0 are required for dental school.
- At least 24 out of 40 points on the non-academic portion of the Total Performance Index are required. These points are determined by the medical schools in the following categories, each of which has 10 possible points: humanitarian, cultural, and service activities; letters of recommendation from pre-medical advisors and others; interpersonal, group leadership; under-represented minorities; and special avocational, artistic, or other professional accomplishments, as well as residency in medically or dentally under-served areas of Kentucky.
- Students must take the Medical College Admission Test (MCAT) or Dental Admission Test (DAT) for reporting purposes; however, these examinations will not be used as admission criteria for students applying through the cooperative program.

Academic advisors at Kentucky State University work closely with pre-medical and pre-dental students to ensure that they fulfill all of the requirements for admission to professional schools.

Students who need more information about these programs should consult the Chairperson of the Division of Mathematics and Sciences or the Pre-Health Professions advisors as early in their academic careers as possible.

Veterinary Medicine

No colleges or universities in the Commonwealth of Kentucky offer training in veterinary medicine. However, the Kentucky Council on Postsecondary Education administers a Southern Regional Education Board Program in Kentucky through which qualified Kentucky resident students may be accepted to the veterinary medicine schools of Auburn University and Tuskegee University. (At the time of publication of this Catalogue, the Council had contracted for 36 entering spaces annually: 34 at Auburn and two at Tuskegee.)

Students accepted under the regional plan are relieved of the obligation of paying out-of-state fees, and their expenses are identical to those of in-state students. Formal applications must be filed through the Council on Postsecondary Education, which reviews these applications and submits those selected to Auburn or Tuskegee for admission approval. Any student interested in veterinary medicine should have completed 80 semester credit hours of pre-professional training with a minimum grade-point average of 2.5; however, preference is given to those students who have satisfied the requirements for a baccalaureate degree.

Interested students should consult the Chairperson of the Division of Mathematics and Sciences or the Pre-Veterinary Professions Advisor for further details and requirements.

OPTOMETRY

Optometry is the profession of examining the eyes for defects and faults of refraction, and prescribing corrective lenses or exercises.

The Commonwealth of Kentucky sponsors a program that enables 15 qualified pre-optometry students who are Kentucky residents to gain admission each year to the Southern College of Optometry in Memphis, Tennessee and the optometry schools of Indiana University and the University of Alabama at Birmingham. Eight entering spaces are reserved at Southern, four at Indiana University, and three at the University of Alabama at Birmingham.

Suggested pre-optometry courses include: ART 130 or MUS 130; BIO 111, 210, 301, 302, and 303; CHE 101/110, 102/120, 301/310, and 302/320; COS 100;

ENG 101 and 102; HIS 103; MAT 115, 120, and 131; IGS 200, 201, 300, and 301, 302, 303, or 304; PHY 207 and 208; PSY 200 and 300; SOC 203; SPE 103; and two semesters of a foreign language; 6/7 hours of electives selected from BIO 307, 317, 318, or 408.

In order to be admitted, applications for admission must be submitted two semesters in advance of completion of the pre-optometry requirements and will be acted upon if the transcripts show a reasonable possibility that all requirements will be met. Each applicant is required to take the Optometry Admission Test, which is designed to measure general academic ability and scientific knowledge. Students who have a baccalaureate degree with a major in a science field are often fully prepared for admission to a School of Optometry. Those with a degree in a non-science field may be required to take additional coursework.

PHARMACY

Pharmacy is the profession of providing direct input into overall patient drug management. The pharmacist reviews updated patient medication profiles on a daily basis, makes rounds with teams, provides drug information, assists during emergency situations, and instructs pharmacy residents in direct provision of clinical services. The inpatient pharmacy employs a computerized unit dose drug distribution system, a hospital-wide intravenous admixture program, and satellite pharmacies in intensive care units and hematology-oncology units.

Suggested pre-pharmacy courses include: ART 130 or MUS 130; BIO 111, 210, 301, 302, and 303; CHE 101/110, 102/120, 301/310, and 302/320; COS 100; ENG 101, 102, and 211; HIS 103; MAT 115 and 120; IGS 200, 201, 300, and 301, 302, 303, or 304; PHY 207 and 208; PSY 200 and 300; SOC 203; SPE 103; two semester of a foreign language; 10/12 hours of electives selected from BIO 220, 318, 408, or CHE 315/350.

The professional portion of the curriculum will be completed at an accredited institution which will grant the degree or certificate. In order to be admitted, students must meet the following admission requirements:

- 1) Have a minimum cumulative grade-point-average of 3.0 or better;
- 2) Have a minimum cumulative grade-point-average of 3.0 or better in all science courses; and
- 3) Have completed the Pharmacy College Admission Test (PCAT) and score at least 300 (out of a possible 600).

NOTE: The student is permitted to take the PCAT three times.

Interested students should maintain close contact with the Division's Pre-Health Professions advisors or the chairperson of the Division of Mathematics and Sciences.

PHYSICAL THERAPY

Physical therapy is a profession dealing with the development and administration of programs of care to restore motor function, relieve pain, and prevent disability in individuals whose abilities are threatened by disease, injury, loss of a body part, or conditions existing at birth. Evaluation includes performing and evaluating tests to determine the extent of injury, the cause of dysfunction, and the selection of appropriate therapeutic procedures.

Coursework including: ART 130 or MUS 130; BIO 111, 210, 220, 301, and 303; CHE 101/110 and 102/120; COS 100; ECO 200 or POS 101; ENG 101, 102, and 211; HED 221 or two PHE courses; HIS 103; MAT 115 and 120; IGS 200, 201, 300, and 301, 302, 303, or 304; PHE 331 and 330; PHY 207 and 208; PSY 200 and 410; SOC 203; SPE 103; two semester of a foreign language; 8/9 hours of electives selected from ADM 100, ADM 103, BIO 304, EDU 221, FNU 104, HED 107, PHE 324, or PSY 300.

The baccalaureate degree program in physical therapy is taught at the senior level requiring 2/3 years of pre-professional education for admission. In order to be admitted, students must meet the following requirements:

- 1) have a cumulative grade-point average of 2.5 or better;
- 2) have a cumulative grade-point average of 2.5 or better in the natural sciences;
- 3) complete four of seven required semesters of science and mathematics by date of application;
- 4) complete all prerequisite science and mathematics courses with a minimum grade of "C" or better;
- 5) show evidence of 25 clock hours of work or volunteer experience related to physical therapy or patient care;
- 6) have the physical ability to perform tasks required of physical therapists; and
- 7) have a personal interview with the admission committee.

Interested students should maintain close contact with the Division's Pre-Health Professions advisors or the chairperson of the Division of Mathematics and Sciences.

BIOLOGY

Biology is the scientific study of living systems. The importance of biology in today's world is self-evident. Biology instruction at Kentucky State University provides students with a basic knowledge of the field. The curriculum includes the study of viruses, bacteria, animals, plants, gene regulation, and theoretical and practical ecology. Students are encouraged to master basic principles of scientific inquiry while familiarizing themselves with the traditional aspects of a sound liberal education.

The Division of Mathematics and Sciences offers programs leading to the Bachelor of Science degree in Biology with three options: General Biology, Pre-Professional, and Biology with Teacher Certification. Details on the former may be found elsewhere in this Catalogue in the sub-section on the Division of Education and Human Services of the College of Professional Studies section. Minors in Biology and Aquaculture are also offered.

Major in Biology

The Biology curriculum is well suited for the student who plans to enter the workforce immediately upon

graduation or intends to continue his/her course of study in graduate, medical, or dental school.

General Biology Option

The student who majors in General Biology must complete a minimum of 128-139 semester credit hours, including the University's Liberal Studies Requirements (with BIO 111 in place of BIO 101) and the following 27-30 semester credit hour Biology core course requirements: BIO 115, 210, 212, 302, 303, 307, 316, 401, 408, and 410; and at least 10 semester credit hours of Biology electives selected from BIO 301, 304, 305, 308, 309, 311, 315, 317, 318, 406, 410, 415, 417, 491, 493, or 495. The Biology major must earn a "C" or above in the core and elective courses and in the following required 37 semester credit hours of support courses: CHE 101/110, 102/120, 200, and 315/350; MAT 120 and 131; and PHY 207 and 208. The program requires the completion of 6 semester credit hours of free electives and 3 semester credit hours of limited electives at the 300/400 level.

Students who intend to major in the General Biology Option are required to take BIO 111 and CHE 101 instead of other natural science electives of the Liberal Studies Requirements.

Pre-Professional Option

Students planning to attend medical, dental, or veterinary school must replace CHE 200 with CHE 301/310 and 302/320 in the curriculum of the General Biology Option.

Teacher Certification Option (Grades 8-12)

A minimum of 128-139 semester credit hours is required for a major in Biology with high school teacher certification. In addition to the University's Liberal Studies requirements (with BIO 111 and MAT 115 in place of BIO 101 and MAT 111, and CHE 101, instead of other natural science electives); students must complete a Biology core of 25 semester credit hours (BIO 210, 212, 302, 303, 307, 316, 401, and 408); 5/6 semester credit hours of Biology electives selected from BIO 301, 304, 305, 308, 309, 315, 316, 317, 318, or 410; a 4 semester credit hour Chemistry course (CHE 102/120); 33 semester credit hours of Professional

Education courses (EDU 202, 203, 302, 304, 310, 413, 430, and 494); a 4 semester credit hour Mathematics course (MAT 120); 8 semester credit hours of support courses in Physical Sciences; and 3 semester credit hours of free electives. PHY 207 and PHY 208 are strongly recommended.

For specific requirements to receive teacher certification, interested students should consult the Catalogue section under the Division of Education and Human Services. Students seeking teacher certification should refer to the admission criteria and procedures included in the College of Professional Studies section of this Catalogue.

Minor in Biology

A minor in biology requires the completion of a minimum of 21 semester credit hours in Biology. A student pursuing a minor in Biology will be required to successfully complete BIO 111, 210, and 212. Additional courses are chosen from the remaining core requirements (BIO 302, 303, 307, 316, 408). One course may be selected from the biology electives to complete the required 21 semester credit hours. BIO 401 and 410 can be taken, but they cannot be used as part of the required 21 semester credit hours for a minor in Biology.

Minor in Aquaculture

Aquaculture is the rearing of aquatic organisms under controlled or semi-controlled conditions. Interest in aquaculture has increased world wide as fish consumption has increased concurrently with decreasing catches of wild fish. In Kentucky and the southern United States, aquaculture production focuses on raising freshwater species commercially. Aquaculture instruction at Kentucky State University will provide students with basic knowledge in fish nutrition, diseases, and physiology, as well as practical experience in aquaculture production of freshwater aquatic organisms such as catfish, paddlefish, freshwater shrimp, and others being studied at the University's aquaculture research facility. Courses in the minor are taught by faculty who are active researchers in the University's aquaculture program. The minor provides training

sufficient to support further study at the graduate level and enough practical aspects for the student who plans to enter the work force immediately upon graduation.

A minor in Aquaculture requires the completion of 19 semester credit hours. Specific course requirements include BIO 250, 260, 311, 321, 406, and at least 1 semester credit hour of BIO 491.

CHEMISTRY

The science of chemistry is concerned with the structure, composition, and reactions of matter. Chemistry instruction at the University is designed to familiarize the student with current views of these concepts. The relevance of chemistry is readily apparent, for the universe and the life forms it contains are chemical systems undergoing specific chemical reactions. To understand the universe and ourselves, it is necessary to understand the laws governing these chemical systems. A deeper knowledge of chemistry is necessary to solve many of humanity's problems: feeding the hungry, healing the sick, and bettering living conditions in general. Coursework in chemistry at Kentucky State University considers both experimental and theoretical topics and emphasizes their interdependence.

A minimum of 128 semester credit hours is required to earn the Bachelor of Science degree in Chemistry. A minor in chemistry is also offered.

Major in Chemistry

The courses required for a major in chemistry are CHE 101/110, 102/120, 301/310, 302/320, 303, 407, 408, 412, 414, and either 401 or 402 (a total of 37-40 semester credit hours). The support courses required for a major in Chemistry are COS 101 or 108; MAT 131 and 132; one additional upper-level mathematics course; and two physics courses from two options: PHY 211/212 or PHY 207/208 (a total of 24-26 semester credit hours). The calculus-based physics is preferred for graduate study in chemistry. The student must earn a grade of at least "C" in the required and support courses.

Minor in Chemistry

A minor in chemistry requires the completion of 20 semester credit hours. Specific course requirements include CHE 101/110, 102/120, 301/310, and 302/320; the remaining 4 semester credit hours must be selected from CHE 303, 315/350, 407, and 412.

MATHEMATICS AND PHYSICS

Knowledge of mathematical facts and procedures is indispensable to a satisfactory understanding of every field of science. This is true for both the physical and biological sciences, and even the humanities are influenced by the traditions of mathematical knowledge. Mathematical skills and processes are central to the development and practice of critical thought and expression. Physics is the science that seeks to employ mathematics to explain the universe and its phenomena. Courses in mathematics and physics at Kentucky State University are designed to integrate theoretical and practical topics.

The Division of Mathematics and Sciences offers a Mathematics degree with three options: Pure Mathematics, Applied Mathematics/Pre-Engineering, and Mathematics with Teaching Certification. Minors in Mathematics and Physics are also offered.

All students entering Kentucky State University who have not met the Liberal Studies Requirements for Mathematics (by a transfer course from another university or college) are placed in appropriate Mathematics courses on the basis of their composite Mathematics ACT or Mathematics Placement Exam scores.

Applied Mathematics/Pre-engineering Option

The Applied Mathematics (Pre-Engineering) Option is a five-year course of study offered jointly by Kentucky State University and four other universities. The student in this program attends Kentucky State University for three years of study in the pre-engineering area of his/her choice, and then transfers to the second institution for two additional years of work. A student currently may choose the University of Kentucky, the University of Maryland at College Park, Vanderbilt University, or Florida A & M University. Upon successful completion of the first year at the second institution, the

student is awarded the Bachelor of Arts degree in Mathematics by Kentucky State University. The student is awarded the Bachelor of Science degree in his/her selected field of engineering by the second institution after the final year of study.

A minimum of 128 semester credit hours is required for a major in Applied Mathematics/Pre-Engineering. In addition to the University's Liberal Studies requirements (with MAT 131 in place of MAT 111 and PHY 211 in place of a natural sciences requirement), courses required for the specific engineering fields are as follows:

Agricultural Engineering: BIO 111, MAT 131, 132, 210, 231, 232, 315 or 321; CHE 101/110, 102/120; COS 108; PHY 211, 212, 311, 320, 340, 361, and 390; and INT 208.

Chemical Engineering: MAT 131, 132, 210, 231, and 232; CHE 101/110, 102/120, 301/310, 302/320, 407, and 408; COS 108; PHY 211, 212, 311, 340, 361, and 390.

Civil Engineering: MAT 131, 132, 210, 231, 232, 315 or 321; CHE 101/110, 102/120; COS 108; PHY 211, 212, 311, 320, 340, 361 and 390; and INT 208.

Electrical Engineering: MAT 131, 132, 210, 231, 232, 315 or 321; CHE 101/110, 102/120; COS 108, PHY 211, 212, 311, 320, 340, 361, and 390; and INT 208.

Materials Engineering: MAT 131, 132, 210, 231, 232, 315 or 321; CHE 101/110, 102/120, 201/210, 202/220; COS 108; PHY 211, 212, 311, 340, 361, and 390; and INT 208.

Mechanical Engineering: MAT 131, 132, 210, 231, 232, 315 or 321; CHE 101/110, 102/120; COS 108; PHY 211, 212, 311, 320, 340, 361, and 390; and INT 208.

Mining Engineering: MAT 131, 132, 210, 231, 232, 315 or 321; CHE 101/110, 102/120; COS 108; PHY 211, 212, 311, 320, 340, and 390; and INT 208.

It should be noted that each engineering specialization has its own curriculum. A copy of the curriculum ladder and/or more detailed information may be obtained from the chairperson of the Division of Mathematics and Sciences or the pre-engineering advisors.

All cooperating universities offer degree programs in the following engineering fields: chemical, civil, electrical, and mechanical. In addition, the following specialties

are offered at the universities indicated: aerospace (UM); agricultural (UK, UM); biomedical and environmental (Vanderbilt); fire protection (UM); materials, mining (UK); and transportation (Vanderbilt). Descriptions of courses required at the University of Kentucky, the University of Maryland at College Park, Vanderbilt University, and Florida A & M University may be found in those universities' catalogues.

Students interested in engineering should note that, due to possible changes in the engineering accreditation standards and possible curriculum changes at the cooperating universities, some courses in the curriculum may change periodically. It is essential that students interested in engineering maintain close contact with the Pre-engineering advisors in the Division of Mathematics and Sciences.

Students majoring in the Applied Mathematics/Pre-Engineering option and taking their liberal studies through Whitney Young College may have to take additional courses at the engineering institution.

Pure Mathematics Option

The requirements for the major in Pure Mathematics Option in addition to the University's Liberal Studies requirements (with MAT 131 in place of MAT 111 and PHY 211 instead of other natural science requirement) are: MAT 132, 210, 231, 232, 300, 401, 403, 411, and 460; MAT 402 or 404; and four additional Mathematics electives selected from MAT 307, 312, 315, 321, 326, 402, 404, 415, or 470. All required and elective courses must be completed with a grade of "C" or better. On the basis of placement test scores, students may also be required to complete MAT 095, 099, 115, or 120. Majors in Mathematics are required to complete, as support courses, COS 108, PHY 211 and 212 with a grade of "C" or better in each of these courses. This curriculum requires a minimum of 46 semester credit hours of mathematics and a minimum total of 128 semester credit hours. The comprehensive exit assessment is completion of MAT 460 with a grade of "C" or better.

Mathematics with Secondary Teaching Certification Option

A minimum of 128 semester credit hours is required for a major in Mathematics with high school teacher certification. In addition to the University's Liberal Studies requirements (with MAT 131 and PHY 211 in place of MAT 111 and other natural science requirements), student must complete 37 semester credit hours of mathematics courses (MAT 131, 132, 210, 300, 231, 307, 321, 326, 401, 403, and 460); COS 108; 36 semester credit hours of professional education courses (EDU 202, 203, 302, 303, 304, 310, 411, 430, and 494); a 3 semester credit hour mathematics elective selected from MAT 232, 312, 315, 402, 404, 411, 415, and 470; 5 semester credit hours of Physics courses (PHY 211(recommended) or 212) and 3 semester credit hours of free electives. The students must earn a grade of "C" or better in all the courses listed above with the exception of the free electives.

For specific requirements for teacher certification, interested students should consult the Catalogue section under the Division of Education and Human Services. Students seeking teacher certification should refer to the admission criteria and procedures included in the College of Professional Studies section of this Catalogue.

Minor in Mathematics

A minor in Mathematics requires the completion of 19 semester credit hours. Specific course requirements include MAT 131, 132, and 231; and the remaining 6 semester credit hours must be selected from 300/400 level Mathematics courses.

Minor in Physics

A minor in Physics requires the completion of at least 20 semester credit hours. Specific course requirements include PHY 211, 212, and 361. Students must choose two courses from PHY 311, 320, 340, and with department approval PHY 390.

THE WHITNEY M. YOUNG, JR., COLLEGE OF LEADERSHIP STUDIES

A paramount function of education is the preparation of individuals to relate themselves comfortably to their fellow men. As long as people existed in a world where they were born, where they lived, and died in one little hamlet, never venturing more than ten miles from home, this preparation was unnecessary. But today, in an era of great mobility and interchange, of increasing contact with people of different colors, beliefs, and backgrounds, it is imperative to so educate our children.

--Whitney M. Young, Jr.

The Whitney M. Young, Jr. College of Leadership Studies, Kentucky State University's honors college, reflects the University's commitment to excellence in liberal studies education. The College is named after the late Whitney M. Young, Jr., executive director of the National Urban League from 1961 to 1971, distinguished leader of the American civil rights movement, and a graduate of Kentucky State University. The Whitney M. Young, Jr. College of Leadership Studies aims, through its special curriculum, to develop in its students the qualities of critical intelligence, maturity, and leadership exemplified by Mr. Young. In addition to the honors program, the College also administers the Institute for Liberal Studies, the Integrative Studies courses of the University's Liberal Studies Requirements, and the newly-designed International Studies Program minor. The University Endowed Chair in the Humanities is also housed in the College.

INSTITUTE FOR LIBERAL STUDIES

The Institute for Liberal Studies provides leadership in the continuous development and implementation of a comprehensive program in liberal studies. It seeks to enhance the mission of the University through academic and scholarly activities, focusing on the intellectual enrichment of faculty and students.

The numerous functions of the Institute for Liberal Studies include the production of an annual interdisciplinary conference attracting scholars from all over the nation and the world. The Institute publishes

selected lectures which are made available to a broad readership that participates in the ongoing national debate on liberal studies. Finally, the Institute sponsors a summer institute designed to improve teaching in liberal studies areas. The Institute for Liberal Studies was created to provide opportunities for developing activities which are of direct interest to the interdisciplinary community of scholars at Kentucky State University, in the nation, and worldwide.

ENDOWED CHAIR

An endowed chair is one of the most prestigious academic appointments a university can make. The creation of such a position indicates the maturity of an institution and demonstrates its commitment to scholarly activities and academic excellence. Kentucky State University established the Endowed Chair in the Humanities as a major component in the University's liberal studies emphasis. Through its placement in the Whitney M. Young, Jr. College of Leadership Studies, the Endowed Chair helps bring a central focus to Kentucky State University's mission to be the Commonwealth's unique, small, liberal studies institution. The functions of the Endowed Chair at the University are to develop and implement innovative and comprehensive programs of liberal studies.

INTEGRATIVE STUDIES

Integrative Studies is a basic component of the 53 semester credit hour Liberal Studies Requirements. It elicits from faculty and students a commitment to analyze and interpret a body of knowledge that links the perennial questions of human life with the greatest works of history, literature, art, philosophy, and the sciences. It challenges faculty and students to view learning as an integrative process by suggesting conceptual bridges which span historical moments, cultural perspectives, and various disciplines of study.

Integrative Studies emphasizes critical and analytical ability in dealing with events, individuals, ideas, artifacts, and texts that have contributed to human achievements. The program consists of seven seminars, four of which are required of all baccalaureate degree-seeking students not enrolled in the Whitney M. Young, Jr. College of Leadership Studies. Three of these courses (IGS 200, 201, and 300) are organized as a sequence, giving students the opportunity to encounter a variety of cultural and intellectual perspectives. The sequence begins with ancient civilizations in Mesopotamia, Egypt, India, China, and Greece and extends to the 20th century. The fourth course required is selected by the student from courses exploring specific world cultures (IGS 301, 302, 303, or 304). In addition to those required courses, Integrative Studies also offers a Senior Seminar (IGS 499) for students who are interested in exploring a specific interdisciplinary theme. The program became an integral part of the curriculum in the fall of 1983. Faculty from all disciplines are invited to participate. Completion of ENG 101 with a grade of "C" or better is a prerequisite for all IGS courses.

The number of Integrative Studies semester credit hours required of transfer students varies in accordance with the number of transfer credit hours accepted by the University toward fulfillment of graduation requirements. The University follows the guidelines for the transfer of general education requirements as established by the Kentucky Council on Postsecondary Education. Transfer students should read the section of the Catalogue that deals with the transfer of credits, particularly the section discussing the "33-Hour Core Component" of the Certification of General Education

Blocks. It is the basis for the Integrative Studies requirements for transfer students. Those requirements are as follows:

- All students entering the University with 30 or fewer semester credit hours must successfully complete 12 semester credit hours of Integrative Studies.
- Students entering the University with more than 30 but fewer than 45 semester credit hours must successfully complete 9 semester credit hours of Integrative Studies.
- Students entering the University with more than 44 but fewer than 60 semester credit hours must successfully complete 6 semester credit hours of Integrative Studies.
- Students entering the University with 60 or more semester credit hours must successfully complete 3 semester credit hours of Integrative Studies.

Students who transfer with courses similar to the University's Integrative Studies offerings may be exempted from these courses, with the consent of the Coordinator of Integrative Studies or the Dean of the Whitney M. Young, Jr. College of Leadership Studies. Those exemptions will be determined on an individual basis.

INTERNATIONAL STUDIES

In view of the emergence of a new world order and of an increasing international interdependence, students at Kentucky State University need to be prepared to participate in this new world. They need to be exposed to an international curriculum; one which enables them to interact effectively with people from other countries; one which enables them to understand and appreciate a culture other than their own, and one which enables them to compete effectively in a global arena.

In view of the above, Kentucky State University offers a minor program in International Studies. A minor in International Studies requires the completion of 21 semester credit hours. To pursue an International Studies minor, the student must take a preliminary language proficiency test in French, Spanish, or (by petition) another language relevant to the focus area. The minor includes a course in Geography (GEO 102) and a two-semester foreign language course sequence

(FRE/SPA 375 and FRE/SPA 376, or another approved language), or demonstrated proficiency beyond the intermediate level. The remaining 12 semester hours for the minor are carefully selected from a list of approved courses emphasizing an international perspective. The following is a list of approved courses: ART 303, 308; ECO 329, 425; ENG 313; FRE 311, 312, 413; GEO 102, 212; HIS 365, 366, 424; IGS 301, 303; JPN 171; MGT 470, 490; POS 301, 462, 464; PUA 304, 404; SOC 303, 304; SPA 401, 402; SPE 302; WYC 491; Special Topics (including WYC 331, 332, 431, 432 with international emphasis). WYC has offered a wide range of Special Topics with an international perspective, which are made available according to student interest: for example, courses on Islam, Hinduism and Buddhism, African history and philosophy, and issues related to international development and the environment.

HONORS CURRICULUM

The Honors Program is an integrated liberal arts program that emphasizes student discussion of excellent books. The freshman and sophomore courses permit students to complete their University liberal studies requirements through the Honors Program. The junior and senior courses allow students to major or minor in Liberal Studies.

The curriculum in the Whitney M. Young, Jr. College of Leadership Studies is unique; there is no other quite like it in any public university in the nation. The Director of the National Endowment for the Humanities designated the Whitney M. Young, Jr. College of Leadership Studies as one of the five most innovative and promising liberal studies programs in the nation. It is one of twenty-three honors colleges in the United States listed by the National Collegiate Honors Council and has the second largest number of faculty among these honors colleges. The Whitney M. Young, Jr. College of Leadership Studies is committed to offering a stimulating, high quality, rigorous undergraduate education in liberal studies, preparing students for professional study in law, medicine, the ministry, or graduate school. Graduates of this program have gone on into education, business, computer science, law, and many other fields. Beyond questions of education for a

career, the Whitney M. Young, Jr., College of Leadership Studies program develops skills of thinking and imagining that will help students deal with the fundamental questions of human existence, regardless of their career goals.

Thus, in the common course of studies required of all students, the emphasis is on the careful reading and discussion of many of the most important books in literature, history, philosophy, theology, mathematics, and sciences. Classes are small. Students learn to read critically, to speak precisely, to write effectively, and to listen attentively by being required to use some or all of these skills daily. The curriculum is designed not only to help students know, but to help them develop the skills they will need as they take their places in the adult world and in the worlds of the various professions.

While the Whitney M. Young, Jr., College of Leadership Studies is related to other "great books" programs throughout the country in its basic orientation, the curriculum at Kentucky State University is not a pale copy of ideas developed at private universities. The courses and curriculum in the College have been developed and adapted to take advantage of the particular conditions at Kentucky State University, and this development is an ongoing process. Class size ranges from 10 to 15 in tutorials (language and mathematics/science courses), and up to 20 in seminars.

Students who take the Honors Core pursue a sequence of freshman and sophomore courses in the College, which, taken in its entirety (48 semester credit hours), provides an alternative and briefer way of fulfilling all of the University's Liberal Studies Requirements. Engineering and Natural Science majors, with the exception of Biology or Biology Education majors, complete only the seminars and language tutorials; the Math/Science component of the core is fulfilled by courses from the College of Arts and Sciences. Biology and Biology Education majors also fulfill their math and science core requirements through the College of Arts and Sciences and must successfully complete WYC 222 (Evolutionary Biology and Genetics). Curriculum ladders for students completing the honors core are not listed in this Catalogue, but are available

from advisors in the Whitney M. Young, Jr., College.

Students who major in Liberal Studies, who earn at least 128 semester credit hours, who successfully complete 30 semester credit hours in required WYC courses or approved liberal studies electives (with a grade of "C" or better) in their junior and senior years, who pass the Senior Comprehensive Examination, and who meet all other University requirements will receive a Bachelor of Arts degree in Liberal Studies. Whitney Young College students take part in all activities of the University, such as social and academic clubs, student government, choir, band, and intramural/intercollegiate athletics. Students have an opportunity to put the leadership skills that they learn in classes to practical use by serving on the Whitney Young College Student Council. The Council was originally created by student initiative and organizes service and social events and acts as a forum for student suggestions and concerns.

TEACHER EDUCATION PROGRAM

Students seeking teacher certification who successfully complete the 48 semester credit hour honors core through the Whitney M. Young, Jr. College of Leadership Studies also fulfill the University's Liberal Studies Requirement for all Teacher Education Certification programs. It should be noted that in addition to the 48 semester credit hour honors core, students seeking teacher certification must also enroll in HED 221 (Personal Health and Lifetime Fitness) to complete all requirements as outlined and approved by the Kentucky Department of Education. All other courses for certification will be taken through the Division of Education and Human Services of the College of Professional Studies, as outlined in the major program. The 48 semester credit hour honors core fulfills the University's Liberal Studies Requirements for all the Teacher Education Certification programs. Whitney Young College students participating in the Teacher Education Program have advisors in both the College and the Division of Education and Human Services to ensure that they take appropriate electives and develop an integrated and cohesive program of study.

PRE-PROFESSIONAL PROGRAMS

KSU graduates applying to professional schools have the advantage of coming from an institution that emphasizes the liberal studies foundation in addition to specialized training. It is very important for students contemplating graduate school to continue their pursuit of liberal studies into the junior and senior years with the goal of achieving a liberal studies major or minor, even in conjunction with a specialized major. Among the selection criteria mentioned by the UK medical school is the following (1997-1998 *University of Kentucky Bulletin*): "Often the physician's ability to communicate effectively will determine the degree of success in the diagnosis and management of a patient's health.... Thus, consideration is given to the communication skills demonstrated by each applicant. Communication is a two-way process and involves the ability to listen perceptively, as well as to speak and write clearly." Regarding "Prelegal Study," the UK Law School has written that legal education "is not a technical or scientific training that builds upon a specific preparation in basic techniques and knowledge acquired in undergraduate school." Rather, legal education requires that students come having developed three fundamental capacities: "a thorough preparation in the use of language"; "a comprehensive, exploratory undergraduate experience"; and the completion of a degree program in which the student will learn "to think clearly, form sound study habits, and have the opportunity to master the methodology and knowledge of a particular field under the guidance of experienced instructors." These are precisely the skills developed by a liberal studies major or minor.

Many Whitney Young College students plan careers in a pre-professional program. Each of these students benefits from an advisor in the College and in the pre-professional program. Many pre-medical students remain in the college to complete a major in liberal studies. Students majoring in Business, Biology, and Education can complete a minor in Liberal studies in four years. Liberal Studies curricula for pre-law students are listed in the following pages. Engineering students, who finish their final two years at another university, are often able to complete both an Associate of Arts degree in Liberal Studies and a Bachelor of Science degree in

Applied Mathematics from Kentucky State University, university.
and the engineering degree from the cooperating

**WHITNEY YOUNG COLLEGE HONORS CORE WHICH SATISFIES
ALL UNIVERSITY LIBERAL STUDIES REQUIREMENTS**

Semester	WYC Honors Courses	Hours	Equivalent Liberal Studies Courses (Not Reciprocal)	Hours
1	WYC 111 Lang. I Greek & English OR WYC 115 Lang. I Latin & English WYC 121 Math-Science I WYC 101 Liberal Studies Seminar I	4 4 4 4	Foreign Language Math Requirement IGS 200	3 3 3
2	WYC 112 Lang. II Greek & English OR WYC 116 Lang. II Latin & English WYC 122 Math-Science II WYC 102 Liberal Studies Seminar II	4 4 4 4	Foreign Language Science Requirement HIS 103	3 3 3
3	WYC 211 Lang. III British Lit. WYC 221 Math-Science III WYC 201 Liberal Studies Seminar III	4 4 4	ENG 102 Science Requirement IGS 201 SPE 103 ¹ ENG 101 ²	3 3 3 3 3
4	WYC 212 Lang. IV Modern Lit. English WYC 222 Math-Science IV WYC 202 Liberal Studies Seminar IV	4 4 4	ENG 211 Science Requirement IGS 300 IGS 301, 302, 303, or 304 ³ ART or MUS ⁴ ECO or POS ⁵ PSY or SOC ⁶	3 3 3 3 3 3 3

¹ SPE 103 fulfilled through accumulation of 3 semester hours of credit from WYC 101, 102, and 201 (1 semester credit hour each).

² ENG 101 fulfilled through accumulation of 3 semester hours of credit from WYC 111 or 115, 112 or 116, and 211.

³ IGS 301, 302, 303, or 304 fulfilled through completion of WYC core.

⁴ ART 130 or MUS 130 fulfilled through completion of WYC core.

⁵ ECO 200 or POS 101 fulfilled through completion of WYC core.

⁶ PSY 200 or SOC 203 fulfilled through completion of WYC core.

NOTE: All students completing the WYC core are exempt from the Health Education or Physical Education activity course(s) required by the University.

HONORS CORE PROGRAM

THE FRESHMAN YEAR

Liberal Studies Seminar I and II, WYC 101 and

102, 4 semester credit hours each semester, is the central course in the first year of studies. During a portion of the fall semester, students focus on the history of the ancient world from the dawn of civilization in Egypt and Mesopotamia to the classical periods of Greece and China. During a portion of the spring semester, students focus on the history of ancient Rome, India, and the medieval period of the Christian and Islamic worlds. The remainder of each semester is devoted to classroom discussion of excellent books from each period, as well as of European and African art. The instructor keeps the discussion focused, but the emphasis is always on student participation.

The Freshman Language Tutorial has two components:

- 1) WYC 131 and 132 or WYC 141 and 142, 3 semester credit hours each semester, instruction in the elements of the grammar of Greek or Latin with particular application to translation; and
- 2) WYC 143 and 144, 1 semester credit hour each semester, an English writing component, emphasizing composition and rhetoric.

The Mathematics-Science Tutorial, WYC 121 and 122, 4 semester credit hours each semester, begins with the first great work in mathematics, Euclid's Elements, and continues with the study of other major works in the history of mathematics, astronomy, physics, and the philosophy of science.

Electives, 3/6 semester credit hours each semester, can be used for courses in such fields as business, computer science, or English, or to begin a professional sequence of courses for areas such as engineering, medicine, dentistry, or law.

THE SOPHOMORE YEAR

Liberal Studies Seminar III and IV, WYC 201 and 202, 4 semester credit hours each semester, is a continuation of the freshman seminars. A portion of the fall semester is devoted to the study of history from the Renaissance to the American Revolution. A portion of the spring semester is devoted to the study of modern history beginning with the French

Revolution. The remainder of each semester is devoted to classroom discussion of excellent books from each period. Again, the emphasis is always on student participation.

The Sophomore Language Tutorial, WYC 211 and 212, 4 semester credit hours each semester, deals with the history of English literature and the English language. The work of the first semester focuses on narrative literature from medieval English epics to modern African American novels. The second semester focuses on lyric poetry from England, America, and other parts of the English-speaking world. The course content is some of the finest literature in the English language. Attention is also paid to the quality of student writing as revealed in student essays which are frequently assigned.

The Mathematics/Science Tutorial, WYC 221 and 222, 4 semester credit hours each semester, is a continuation of the freshman Mathematics/Science sequence. The fall semester focuses on the development of physics from Newton to quantum theory and Einstein's theory of relativity. The spring semester focuses on readings pertaining to the biological theory of evolution. Special attention is given to the writings of Darwin and to the discoveries of the genetic code in DNA.

Electives, 3/6 semester credit hours each semester, may be used for elective courses in a variety of fields. WYC courses offered as electives are: WYC 241 and 242, 3 semester credit hours each; WYC 251 and 252, 3 semester credit hours each; WYC 351, 3 semester credit hours; WYC 352, 3 semester credit hours; or any WYC preceptorial (WYC 331, 332, 431, or 432), 3 semester credit hours each.

BACHELOR OF ARTS IN LIBERAL STUDIES (Whitney Young Honors Program)

Students may pursue the Bachelor of Arts degree in Liberal Studies with either the general liberal studies core or the WYC Honors core. The Liberal Studies major is often used as a preparation for law school,

graduate school, or a business training program. Students may double major, combining a major in Liberal Studies with a major in some other field (such as Psychology or English).

Regardless of whether students take the general liberal studies core or the WYC honors core, they must satisfy the following requirements for the Bachelor of Arts degree in Liberal Studies. They must complete a minimum of 128 semester credit hours, including a mandatory minor or second major, and the required courses in the major. The required courses are WYC 301, 302, 311, 401, 421, and the Senior Essay, WYC 441, which may represent any discipline and is the basis for the Comprehensive Examination. In addition, three semester credit hours must be selected from WYC 241, 242, 251, 252, 331, 332, 351, 352, 431, 432, or 491. The remaining 6 credit hours may be selected from WYC 241, 242, 251, 252, or any WYC 300- or 400- level course, or from the acceptable liberal studies electives listed below. (WYC 491 may be taken twice, and WYC preceptorials covering differing topics may be taken twice or more.) Care must be taken to ensure that, together with the required minor (or second major), 45 credit hours of upper division courses are completed in accordance with rule III.M of the Academic Regulations and Policies. In addition, the student must demonstrate competency in the basic use of computers, either by satisfactory performance on the WYC Computer Competency Exam, or the computer literacy portion of the Rising Junior Exam, or by passing any appropriate course in computer skills (e.g., COS 101, BUA 101).

Courses taken in study-abroad programs may be used to satisfy WYC course requirements at the discretion of the WYC faculty.

BACHELOR OF ARTS IN LIBERAL STUDIES (Student-designed major)

A student-designed curriculum leading to a Bachelor of Arts degree in Liberal Studies can be developed in the Whitney M. Young, Jr. College of Leadership Studies or in the College of Arts and Sciences. Information on requirements and policies can be found in the College of Arts and Sciences section of this Catalogue.

MINOR IN LIBERAL STUDIES

Students may pursue a minor in Liberal Studies with either the general liberal studies core or the WYC honors core.

A minor in Liberal Studies requires the completion of 18 semester credit hours. Specific course requirements include 4 semester credit hours selected from WYC seminars (WYC 301, 302, or 401); 6 semester credit hours selected from WYC tutorials (WYC 311 and 421); 3 or 4 semester credit hours may be selected from WYC 241, 242, 251, 252, or any WYC 300- or 400- level course; and 4 or 5 semester credit hours from WYC 241, 242, 251, 252, or any WYC 300- or 400- level course or from the list of approved electives below (which may be in the student's major). Courses taken in study-abroad programs may be used to satisfy WYC course requirements at the discretion of the WYC faculty.

LIBERAL STUDIES ELECTIVES ACCEPTABLE

TOWARD A MAJOR OR MINOR IN THE WHITNEY M. YOUNG, JR., COLLEGE OF LEADERSHIP STUDIES

The courses listed below have been approved as acceptable electives toward a baccalaureate major or minor in Liberal Studies through the Whitney M. Young, Jr. College of Leadership Studies. The prerequisites for some of these courses have been waived or modified for Whitney Young College students completing a major or minor in the College.

Art: ART 201, 202; or any 300/400 level ART courses except ART 305, 319, 405, 419

Biology: Any 300/400 level BIO courses except BIO 311, 321, 406, 490, 491, 493

Chemistry: Any 300/400 level CHE courses

Criminal Justice CJE 303, 304

Economics: ECO 301, 302, 321, 329, 420, or 425

English: ENG 265; or any 300/400 level ENG courses except ENG 390, 433

French: And 300/400 level FRE courses

History: Any 300/400 level HIS courses

Integrative Studies: Any 300 level IGS courses

Mathematics: MAT 131 or 132; or any 300/400 level courses

Music: MUS 201, 202, 251, 300, 303, 305, 306, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 333

Philosophy: Any 300/400 level PHI courses

Physics: PHY 211 or 212; or any 300 level courses

Political Science: Any 300/400 level POS courses except POS 291, 391, 491, 499

Psychology: Any 300/400 level PSY courses except PSY 402, 404, 499

Public Administration: PUA 304, 400, 401, or 497

Sociology: Any 300/400 level SOC courses except SOC 400, 490, 491, 492, 499

Spanish: Any 300/400 level SPA courses

Theatre: THE 305, 408

LIBERAL STUDIES PRE-LAW CURRICULUM

The Association of American Law Schools defines Pre-legal Education as follows: "Shortly stated, what the law schools seek in their entering students is not accomplishment in mere memorization but accomplishment in understanding, the capacity to think for themselves, and the ability to express their thoughts with clarity and focus." Although pre-law students can gain adequate preparation for law school with any strong major, they have found the liberal studies major especially valuable. A major in Liberal Studies provides an excellent preparation for law school.

ASSOCIATE OF ARTS IN LIBERAL STUDIES

A student has the option of pursuing an Associate of Arts degree in Liberal Studies by completing either a seminar-based honors program through the Whitney M. Young, Jr. College of Leadership Studies or by completing a general liberal studies core. Courses taken in study-abroad programs may be used to satisfy WYC course requirements at the discretion of the WYC faculty.

Seminar-based Honors Program

The seminar-based honors program option emphasizes careful reading and discussion of books related to literature, history, philosophy, theology, mathematics, and sciences. The program concentrates on the pursuit of knowledge and the development of critical thinking and writing skills through the use of tutorials and seminars.

To satisfy the requirements for the Associate of Arts in Liberal Studies through the seminar-based honors program option, a student must complete a minimum of 67 semester credit hours. The required courses are WYC 101, 102, 131 or 132; 121, 122, 141 or 142, 143, 144, 201, 202, 211, 212, 221, and 222; and 19 semester credit hours of advised electives. In addition, the student must demonstrate competency in the basic use of computers, either by satisfactory performance on the WYC Computer Competency Exam or the computer literacy portion of the Rising Junior Exam, or by passing any COS course or any appropriate course in computer skills (e.g., BUA 101). With the exception of the 19 semester credit hours of advised electives, all courses in the Associate of Arts degree in Liberal Studies through the seminar-based honors program option are defined as major area courses,

and all academic requirements for graduation are applicable as defined in this Catalogue.

GENERAL LIBERAL STUDIES CORE

The general liberal studies core option affords the student an opportunity to focus on a program which is broad based and is designed as a transfer program to complete a baccalaureate degree. By completing either the seminar-based honors option or the general liberal studies core option, a student can satisfy the University's Liberal Studies Requirements toward a baccalaureate degree while incorporating the skills of critical thinking and reasoning, oral and written communication, and an appreciation of the arts.

Students who have chosen to complete the general liberal studies core option may enroll in Whitney Young College courses which have been approved as equivalents of the University's Liberal Studies Requirements. To satisfy the requirements for the Associate of Arts in Liberal Studies through the general liberal studies core option, a student must complete a minimum of 65 semester credit hours. The required courses are ART 130 or MUS 130; BIO 101; ECO 200 or POS 101; ENG 101, 102, and 211; 6 semester credit hours of foreign language; HED 221 or PHE Activity Courses; HIS 103; IGS 200 and 201; MAT 111; PHI 200; PSY 200 or SOC 203; SPE 103; 15 semester credit hours of advised electives at the 100/200 level; and 3 semester credit hours of natural science selected from BIO 112, CHE 109, PHY 111, and PHS 201. In addition, the student must demonstrate competency in the basic use of computers, either by satisfactory performance on the WYC Computer Competency Exam or the computer literacy portion of the Rising Junior Exam, or by passing any COS course, or by passing any appropriate course in computer skills (e.g., BUA 101). With the exception of the 15 semester credit hours of advised electives, all courses in the Associate of Arts degree in Liberal Studies through the general liberal studies core option are defined as major area courses, and all academic requirements for graduation are applicable as defined in this Catalogue. Courses taken in study-abroad programs may be used to satisfy WYC course requirements at the discretion of the WYC faculty.

THE COLLEGE OF PROFESSIONAL STUDIES

The College of Professional Studies at Kentucky State University offers undergraduate programs that prepare students to combine their broad liberal backgrounds with specialized training that applies both in their everyday lives and in their technical and social-service careers. The College offers coursework leading to baccalaureate degrees in the fields of Computer Science, Criminal Justice, Education, Applied Human Sciences, Nursing, Social Work, and Physical Education. An Associate in Applied Science degree is also available in the areas of Computer Graphics and Multimedia Production Technology, Computer Electronics Technology, and Nursing.

The University's Liberal Studies Requirements strengthen all baccalaureate programs within the College and are compatible with the requirements of the National Council for the Accreditation of Teacher Education (NCATE), the Kentucky Education Professional Standards Board (EPSB), and the Council on Social Work Education. The College of Professional Studies supports the educational initiatives of Tech Prep.

Support is available to develop articulation agreements with community colleges to provide a seamless education transition to KSU in an effort to avoid duplication of coursework and ensure that students are adequately prepared to enter KSU programs. The advantages gained by Tech Prep students at the secondary level should continue during their academic pursuits at Kentucky State University and carry forward in their careers. Interested students should contact the Dean of the College of Professional Studies for further information.

Criminal Justice, Education, Applied Human Sciences, Nursing, Physical Education, and Social Work

programs are geared toward human needs and public services. Programs within the Area of Applied Human Sciences focus on the welfare of the family. Social Work and Criminal Justice programs are designed to prepare students to help remedy social problems of individuals and groups. Teacher Education programs within the Division of Education and Human Services prepare students for careers as teaching professionals. Teacher candidates must successfully complete the relevant PRAXIS II and PLT (Principles of Learning and Teaching) tests as one of the degree requirements. The associate degree program in Nursing is designed to prepare students to practice as licensed registered nurses in Kentucky. Students must successfully complete the National Council Licensure Examination in order to be licensed.

Computer Science programs address the needs of full-time students and also emphasize the public service component of the University's mission statement through class scheduling adapted to the work schedules of students who often maintain full-time employment. The programs provide instruction in the theory and application of computers and the development of highly specialized skills required of employees in government and industry.

The Area of Industrial Technology offers associate degree programs in Computer Graphics and Multimedia Production Technology, and Computer Electronics Technology designed to prepare students for industrial employment and for the in-service needs of technicians. Industrial Technology seeks to improve technical knowledge to keep pace with the changes in technology in industry.

THE DIVISION OF EDUCATION AND HUMAN SERVICES

The Division of Education and Human Services is dedicated to the fulfillment of the University's mission statement which specifically addresses the need for preparing minority students for careers in education and human services.

Baccalaureate programs leading to teacher certification in the fields of Art, Biology, Interdisciplinary Early Childhood Education (IECE), Elementary Education, English, Mathematics, Music, Physical Education, and Social Studies are offered. A teaching endorsement in Computer Science is also available. Coursework leading to the baccalaureate degree is offered in the field of Child Development and Family Relations, which prepares students to teach in pre-school programs and to work in related agencies. Additional programs are available for students interested in careers in Physical Education, Recreation, Sports Management, and Athletic Training.

TEACHER EDUCATION

The primary purpose of the Area of Teacher Education is to coordinate and administer all programs leading to teacher certification at the University. Educating teachers for a diverse society is of special significance to the Teacher Education faculty. Further, the program is driven by the philosophy that teachers have the power to free learners from conditions associated with being uneducated, undereducated, or miseducated. Thus, the Teacher Education Program works to ensure that teacher education graduates obtain the skills, knowledge, and dispositions needed to serve as "Liberators through Education" in elementary and high school classrooms of the Commonwealth of Kentucky, the region, and the nation.

The Area of Teacher Education offers baccalaureate degree programs leading to teacher certification in Art Education, Biology Education, Elementary Education, English Education, Interdisciplinary Early Childhood Education, Mathematics Education, Music Education, Physical Education, and Social Studies Education. An endorsement for teaching Computer Science is available. Teacher preparation programs are accredited by the Kentucky Education Professional Standards Board (EPSB) and the National Council for Accreditation of Teacher Education (NCATE). All programs lead to teacher certification by the EPSB.

Teacher Education Committee

The responsibility for teacher education programs at Kentucky State University rests with the Teacher Education Committee. The Committee is composed of 1) the Dean of the College of Professional Studies, 2) the Registrar, 3) the Chairperson and all faculty in the Division of Education and Human Services, 4) the Director of Libraries, 5) the Coordinator of the

Communication Skills Center, 6) the Director of Testing, 7) the Director of Supervised Teaching, 8) the Student Placement and Data Coordinator, 9) three public school representatives, 10) faculty representatives from each academic unit in which the University offers teacher certification programs, and 11) two student representatives including the president of the University's chapter of the Student National Education Association and one other education student.

Goals and Objectives

The overall goal of the Teacher Education Program is to produce the best possible teachers for preschool, elementary and secondary schools. Program objectives are to provide each student with the following:

- A strong liberal studies foundation which will enable students to think critically, express themselves with clarity, make independent and rational judgements, and become life-long learners;
- The pedagogical skills and competencies needed to create an environment conducive to learning for preschool, elementary, and secondary school students;
- A thorough understanding of the content taught in grades P-12;
- An understanding of the function and role of schools and teachers in a democratic, multicultural/diverse society; and
- Field experiences which lead to a commitment to become a teacher who is a liberator through education.

Admission to Teacher Education

Students desiring teacher certification at any level must apply formally to the Teacher Education Program. Application forms are available in the Division of Education and Human Services office and are due by posted dates in September and February. The Teacher Education Committee reviews all application materials *in the fall and spring semesters*. Failure to make timely application to the Teacher Education Program will delay a student's progress toward graduation, since *admission to the Teacher Education Program is a prerequisite to all but two Education courses*. NOTE: It should be understood that students are responsible for successfully completing courses that are required at the time they are applying for admission to the Teacher Education Program. **Some curriculum/policy changes required by the EPSB and/or the Teacher Education Committee may not necessarily appear in the Catalogue, as they may be approved and/or implemented between printings of the Catalogue.**

Students are advised to clarify curriculum/policy requirements with their academic advisors. Students are required to meet with their advisors at least two times each semester.

The Catalogue of Record for all teacher education majors is determined by the date of admission to the Teacher Education Program.

Each applicant who seeks admission to the Teacher Education Program (TEP) at Kentucky State University is required to meet the following TEP criteria:

- Criterion 1.* Have obtained a minimum of 45 semester credit hours;
- Criterion 2.* File an application for admission to the Teacher Education Program on the official form provided. The application must be accompanied by a word-processed autobiographical sketch of no more than two pages. The autobiography should reveal an alert, resourceful person of sound and stable character who exemplifies the following traits: 1) a strong desire to learn, 2) a strong desire to become an effective teacher, 3) a genuine interest in people, especially young people, 4) the ability to work well with others, and 5) a willingness to go beyond average expectations in hours devoted to study and involvement in school and community activities.
- Criterion 3.* Submit an ACT minimum composite score of 21 or minimum PRAXIS I scores of 173 in Reading, 172 in Writing, and 173 in Mathematics.
- Criterion 4.* Demonstrate competency in written communication through an impromptu written response to a question in the applicant's field of study. The sample will be evaluated for writing skills, content, organization, and style.
- Criterion 5.* Demonstrate competency in verbal communication during an individual oral interview.
- Criterion 6.* Have obtained a cumulative grade-point average of 2.75 or above on a 4.0 scale.
- Criterion 7.* Have obtained a grade of "C" or better in the following courses.
 - A. ENG 101 (English Composition I) and ENG 102 (English Composition II);
 - B. EDU 202 (Foundations of Teaching and Education);
 - C. EDU 203 (Microcomputers and Media in the Classroom);
 - D. For IECE majors: CDF 203 (Child Development I) and CDF 204 (Child Development II).
- Criterion 8.* Obtain three letters of recommendation:
 - A. One from the major advisor;

- B. One from a KSU instructor with whom the applicant has completed a course; and
- C. One from an area public/private school teacher with whom the applicant has had field-based experience.

Criterion 9. Receive clearance from the Vice President for Student Affairs, upon request by the Division of Education and Human Services.

Criterion 10. Present a portfolio (generated in beginning EDU courses) for admission to the Teacher Education Program (**Major Checkpoint 1**).

There is no conditional admission to the Teacher Education Program; to be eligible for admission, applicants must meet all requirements. The Teacher Education Committee may withdraw a student from the Teacher Education Program at any time based upon either of the following:

- A. Unsatisfactory academic progress.
- B. Disciplinary action by the University against the student because of conduct that would indicate character traits of such a nature as to make that student unfit for the teaching profession.

A student may withdraw officially from the Teacher Education Program with proper written notice to the Chairperson of the Teacher Education Committee. An applicant who has been denied admission to the Teacher Education Program will be permitted to apply again, provided all deficiencies have been removed.

Kentucky State University, operating through the Teacher Education Committee, retains the right to change, modify, or add to the above requirements at any time. The Teacher Education Committee will give students notice of required changes. Students must consult the Chairperson of the Teacher Education Committee for the most recent certification regulations.

Admission to Supervised Teaching (Student Teaching)

All students seeking certification to teach are required to file an application for Supervised Teaching. The application for admission to Supervised Teaching must be made by the posted deadline during the semester immediately prior to the semester during which the student plans to do student teaching. After processing the student's application, the Chairperson of the Teacher Education Committee (TEC) will notify the applicant by letter that the application for admission to Supervised Teaching has been approved or denied. If the application is approved, the approval will be subject to continued compliance with all prerequisites and the student's attainment and maintenance of the required criteria for admission that are in effect at the time of application and at the time the student is scheduled to enroll in the Supervised Teaching course. If the

application for admission to Supervised Teaching is denied, the letter of notification will state the reason(s) for denial.

Applicants for admission to Supervised Teaching must meet the following TEC criteria:

- Criterion 1.* Have been admitted to the TEP prior to being approved for Supervised Teaching and be in good academic standing.
- Criterion 2.* Have a cumulative grade-point average of 2.75 or above (on a 4.0 scale) at the time of application, or have attained such by the end of the semester immediately prior to the scheduled entrance into Supervised Teaching.
- Criterion 3.* Have completed all coursework within the Generalist Concentration or Specialty Area and have a cumulative grade point of 2.75 or above (on a 4.0 scale) in all coursework (with all grades "C" or above) at the end of the semester prior to the scheduled entrance into Supervised Teaching.
- Criterion 4.* Have completed all required professional Education courses, including the field experience requirements, with a minimum grade-point average of 2.75 (with all grades "C" or better) or have satisfied this requirement by the end of the semester immediately prior to the scheduled entrance into Supervised Teaching.
- Criterion 5.* Have completed all coursework requirements in any additional certification area with a minimum grade-point average of 2.75 (with all grades "C" or above) if Supervised Teaching is to be completed in that certification area.
- Criterion 6:* Have successfully completed (or will have completed) all coursework and all graduation requirements except student teaching. (Transcripts or letters of verification for transfer courses must be submitted prior to student teaching).
- Criterion 7.* KSU students beginning their student teaching in spring 2003 and thereafter must have obtained a successful qualifying score on the PRAXIS II Subject Assessment/Specialty Area test and Principles of Learning and Teaching (PLT) test prior to student teaching. Complete copies of all PRAXIS II and PLT score reports **must** be submitted to the Chair of the Division (or designee).
- Criterion 8.* Submit the culminating portfolio for Admission to Supervised Teaching (**Major Checkpoint 2**).
- Criterion 9.* Obtain two letters of recommendation for Supervised Teaching:
 - A. One from a faculty member of the student's major (certification) area and
 - B. One from a faculty member of the Area

of Teacher Education.

- Criterion 10.* Submit a report of a physical examination, including a tuberculin test performed within the last six months, prior to beginning student teaching.
- Criterion 11.* Received clearance given by the Vice President for Student Affairs upon request by the Director of Supervised Teaching.
- Criterion 12.* Have completed a criminal records background check dated no more than one month prior to admission to Supervised Teaching (KRS 160.380).
- Criterion 13.* Present evidence of liability insurance comparable in amount to that which the Student National Education Association (SNEA) provides.

NOTE: Applications for admission to Supervised Teaching may be obtained from and submitted to the Director of Supervised Teaching.

Students are fully responsible for arranging all required transportation that results from participation in Supervised Teaching. A student who has been approved for admission to Supervised Teaching who does not complete all prerequisites or maintain the required criteria for admission will be denied the opportunity to enroll in the Supervised Teaching course. After deficiencies have been corrected, the student's case shall be subject to review by the Teacher Education Committee before the student is permitted to enroll for Supervised Teaching at a later date.

Students are not permitted to take other regular college courses or hold employment during the period of Supervised Teaching. Exemptions from this standard will be considered by the Teacher Education Committee. Students who disregard this requirement shall be subject to suspension from the Supervised Teaching Program.

Degree Requirements

Students seeking teacher certification in most states, including the Commonwealth of Kentucky, must select the age/grade level which they wish to teach. Certification programs available at Kentucky State University meet state requirements for Interdisciplinary Early Childhood Education (Birth to Primary); Elementary Education (Primary-5th grade); Secondary Education (Grades 8-12 in Biology, English, Mathematics, and Social Studies); and multi-grade programs in Art, Music, and Physical Education (Primary-12th grade).

To obtain the baccalaureate degree in any area of education, students must complete all campus-wide Liberal Studies requirements. In addition, teacher candidates must be formally admitted to the Teacher Education Program (**Major Checkpoint 1**); complete Generalist Concentration or Specialty Area courses and

Professional Education courses at required levels; be formally admitted to Supervised Teaching (**Major Checkpoint 2**); and complete Supervised Teaching.

INTERDISCIPLINARY EARLY CHILDHOOD EDUCATION (IECE)

Students seeking certification to teach in this area must fulfill all certification and admission requirements of Teacher Education. A minimum of 133 semester credit hours is required for a major in IECE. Requirements include 24 semester credit hours of Professional Education courses (EDU 202, 203, 303, 304, and 464); 8 semester credit hours of related studies courses (FNU 203, ENG 260, and SOW 430); 3 semester credit hours of free electives; 33 semester credit hours in Child Development/Family Relations courses (CDF 101, 102, 203, 204, 206, 305, 315, 318, 409, 420 and 421); and 15 semester credit hours in education and special education (EDU 310, 311, 316, 318, and 404).

ELEMENTARY EDUCATION (grades P-5)

A minimum of 129 semester credit hours is required to earn a degree in Elementary Education. Students must complete all Liberal Studies requirements (must take PHS 201); earn a C or above in 29 hours of additional content courses; be formally admitted to the TEP; earn a C or above in all Professional Education courses (35 hours); be formally admitted to Supervised Teaching; earn a C or above in Supervised Teaching (12 hours); and successfully complete PRAXIS II and PLT tests.

Because elementary teachers instruct in several content areas, courses required for Elementary Education majors offer students a breadth and depth of content knowledge and skills in English, mathematics, science, and social studies that go beyond the Liberal Studies courses. These courses (29 hours) allow some flexibility for both students and content area faculties to adjust to students' interests and skills, as well as to the changing needs of elementary schools. The required courses are: applied human sciences (FNU 203); fine arts (ART 101 and MUE 333); humanities (ENG 260, ENG 285, and HIS 201); mathematics (MAT 103, 104, and 205); and science (PHS 202).

Once admitted to the TEP, teacher candidates may enroll in upper level Professional Education courses. Professional Education courses (47 hours) are designed to provide teacher candidates with the pedagogical knowledge and skills they will need to teach children effectively in the content areas. Required Professional Education courses for Elementary Education majors follow: EDU 202, 203, 302, 303, 304, 310, 312, 405, 407, 408, 415, and 423. During their last semester of coursework, teacher candidates may apply for formal admission to Supervised Teaching (EDU 474) by meeting the criteria specified in the section of this Catalogue entitled Admission to Supervised Teaching. To earn a BA in Elementary Education, supervised

teachers must demonstrate competence on each of Kentucky's New Teacher Standards and successfully complete the relevant PRAXIS II and PLT tests.

SECONDARY EDUCATION (grades 8-12)

Biology Education: A minimum of 128-139 semester credit hours is required for a major in Biology with high school teacher certification. In addition to the University's Liberal Studies requirements (with BIO 111 and MAT 115 in place of BIO 101 and MAT 111, and CHE 101, instead of other natural science electives); students must complete a Biology core of 25 semester credit hours (BIO 210, 212, 302, 303, 307, 316, 401, and 408); 5/6 semester credit hours of Biology electives selected from BIO 301, 304, 305, 308, 309, 315, 316, 317, 318, or 410; a 4 semester credit hour Chemistry course (CHE 102/120); 33 semester credit hours of Professional Education courses (EDU 202, 203, 302, 304, 310, 413, 430, and 494); a 4 semester credit hour Mathematics course (MAT 120); 8 semester credit hours of support courses in Physical Sciences; and 3 semester credit hours of free electives. PHY 207 and PHY 208 are strongly recommended.

English Education: A minimum of 128 semester credit hours is required for a major in English with high school teacher certification. Requirements include 39 semester credit hours of English courses (ENG 204, 214, 311, 313, 322, 323, 324, 325, 390, 409, 413, 433, and 3 semester credit hours of English electives); and 36 semester credit hours of Professional Education courses (EDU 202, 203, 302, 303, 304, 310, 410, 445, and 494).

Mathematics Education: A minimum of 128 semester credit hours is required for a major in Mathematics with high school teacher certification. In addition to the University's Liberal Studies requirements (with MAT 131 and PHY 211 in place of MAT 111 and other natural science requirements), students must complete 37 semester credit hours of mathematics courses (MAT 131, 132, 210, 300, 231, 307, 321, 326, 401, 403, and 460); COS 108; 36 semester credit hours of professional education courses (EDU 202, 203, 302, 303, 304, 310, 411, 430, and 494); a 3 semester credit hour mathematics elective selected from MAT 232, 312, 315, 402, 404, 411, 415, and 470; 5 semester credit hours of Physics courses (PHY 211(recommended) or 212) and 3 semester credit hours of free electives. The students must earn a grade of "C" or better in all the courses listed above with the exception of the free electives.

Social Studies Education: A minimum of 128 semester credit hours is required for a major in Social Studies Education with high school teacher certification. Requirements include: 50 semester credit hours of Liberal Studies (HIS 103 is replaced by HIS 101 and 102); 15 semester credit hours of History courses (HIS 101, 102, 201, 202, and 350); 12 semester credit hours

of Sociology courses (SOC 203 which has met the Liberal Studies requirement, 303, 304, 305, and 499); a 3 semester credit hour Geography course (GEO 102); a 3 semester credit hour Political Science course (POS 160); a 3 semester credit hour Psychology course (PSY 200); a 3 semester credit hour Economics courses (ECO 200); 36 semester credit hours of Professional Education courses (EDU 202, 203, 302, 303, 304, 310, 414, 430, and 494); and a 3 semester credit hour in the Behavioral and Social Sciences at the 300/400 level.

P-12 CERTIFICATION

Art Education: A minimum of 138 semester credit hours is required for a major in Art Education with high school teacher certification. Requirements include 27 semester credit hours in Art and Art History (ART 110, 112, 113, 201, 202, 220, 319, 360 (taken twice for credit), 400, and 419); 18 semester credit hours of limited Studio Art electives selected in consultation with the student's advisor; 6 semester credit hours of 300/400 level courses in one Art area of specialization (art history, ceramics, drawing, digital imaging, digital photography, printmaking, or sculpturing); and a 3 semester credit hour art history elective for a total of 54 semester credit hours (ART 130 is a Liberal Studies Requirement); and 33 semester credit hours of Professional Education courses (EDU 202, 203, 302, 303, 304, 310, 430, and 484), and 51 semester credit hours for the University's Liberal Studies requirement.

Music Education: The Music Education Specialization, which leads to P-12 teacher certification and is accredited by the National Council for Accreditation of Teacher Education (NCATE) and by the Kentucky Education Professional Standards Board, is offered in conjunction with the Division of Education and Human Services in the College of Professional Studies. All students in the Music Education Specialization must enroll in and successfully complete a dual-placement supervised teaching experience (EDU 484) at both the elementary and secondary levels.

The Music Education Specialization with an instrumental emphasis (brass, wind, or percussion principal instrument) requires the successful completion of MUE 310, 311, 325, 331, 332, 348, 437; MUS 354; instrumental chamber music ensemble elective appropriate to the major instrument (1 semester credit hour); and EDU 202, 302, 304, 310, and 484.

The Music Education Specialization with a keyboard emphasis (piano or organ) requires the successful completion of MUE 349; MUE 310, 311, 325, 331, 332, 348, 437; MUS 354; instrumental chamber music ensemble elective appropriate to the major or secondary instrument (1 semester credit hour); and EDU 202, 302, 304, 310, and 484.

The Music Education Specialization with a vocal emphasis requires the successful completion of MUE 310, 311, 325, 331, 332, 435; MUS 336, 353; vocal

ensemble elective (1 semester credit hour) chosen from MUP 311, 357, or 383; and EDU 202, 302, 304, 310, and 484.

Physical Education: A minimum of 130 semester credit hours is required for a major which leads to teacher certification in Physical Education (grades P - 12). Students must complete a Liberal Studies component of 54 (BIO 111 is required instead of BIO 101) credit hours, a Professional Education component of 32 credit hours, and a Specialty Area component of 44 credit hours. Required courses for the Specialty Area component are: PHE 218, 257, 259, 320, 323, 324, 330, 331, 332, 333, 401, and 421; BIO 301; HED 107; one course from PHE 209, 240, or 351; two courses from PHE 210, 211, 212, 213, 216, or 221; and two course from PHE 201, 202, 203, 204, or 205.

Computer Science Teaching Endorsement

A teaching endorsement is available in Computer Science. Students must consult their advisor and the Chairpersons of the Divisions of Education and Human Services and Computer and Technical Sciences regarding specific requirements. Teaching endorsements are available only to students who complete a teaching major. Students may extend the validity of teaching certificates by taking additional coursework. Interested students should contact the Division of Education and Human Services for course requirements.

PRAXIS II and PLT

The Core Battery and Specialty examinations of the PRAXIS II and the PLT are required for teacher certification in Kentucky. The examinations must be taken during the senior year or as soon as the content area studies are complete. Students must perform at, or above, the cut-off scores established by the EPSB and must have their official PRAXIS II and PLT scores sent to Kentucky State University's Division of Education and Human Services and to the EPSB in order to be recommended for certification. The PRAXIS II and PLT must be successfully completed prior to student teaching.

POST-BACCALAUREATE STUDENTS

A TEP post-baccalaureate (PB) student is defined as a student who already holds a Bachelor's Degree from an accredited institution and is seeking *initial* teacher certification. The student may be admitted as a degree or non-degree seeking student. A post-baccalaureate (PB) student may receive general, unofficial information from any member of the TEC but must abide by the following to establish an official program of studies: obtain admission to Kentucky State University, present to the Chair of Education and Human Services (or designee) verification of admission, a letter of interest in a specific teacher certification program, copies of all

previous college transcripts, listing of all courses to be transferred, and copies of catalog descriptions from all previous colleges/universities for each course listed for substitution or transfer. The Chair of Education and Human Services (or designee) and a representative from the PB student's desired certification area will evaluate each course suggested for substitution and determine the validity of each request. Then an official program of studies will be established for the PB student.

Post-baccalaureate students must also be admitted to the Teacher Education Program, and this may be done at the same time the student seeks TEC approval

for student teaching. PB students must meet all criteria for admission to the Teacher Education Program and for admission to Supervised Teaching as outlined in the *Teacher Education Handbook*.

Post-baccalaureate students who successfully complete an *initial* teacher certification program will be listed as program completers for KSU.

Post-baccalaureate students have the option of receiving a bachelor's degree in the certification area if they meet the requirements in the Catalogue in force at the time of admission to TEP.

HEALTH, PHYSICAL EDUCATION, AND RECREATION

The Area of Health, Physical Education, and Recreation prepares students to pursue further study at the graduate level in Physical Education, or to teach Physical Education in the public schools. It prepares students to direct programs in Recreation, Sports Management, Athletic Coaching, and Athletic Training. The area also provides numerous and diverse opportunities for students, faculty, and staff at Kentucky State University to achieve physical fitness and acquire recreational skills for life-time fitness and leisure time activities through its 100 level courses.

Baccalaureate Programs in Physical Education

The Area of Health, Physical Education, and Recreation offers the Bachelor of Arts degree in Physical Education (non-teaching) and the Bachelor of Science degree in Physical Education (teaching) that may lead to teacher certification. A student may elect either option. Details of the teacher certification program may be found under the Area of Teacher Education sub-section of the Division of Education and Human Services.

Employment opportunities for Physical Education majors extend beyond teaching and coaching. Physical Education majors today have begun to consider alternative ways of using their education. As a result of the tremendous surge of public interest in sports and physical activity, alternative career opportunities for Physical Education graduates are increasing. These alternative career possibilities include health-related occupations, sports administration, sports communication, sports marketing, coaching, athletic training, and physical activity instruction.

To satisfy the requirements for the Bachelor of Arts degree in Physical Education (non-teaching), a student must complete a minimum of 129/135 semester credit hours. The required courses are HED 107 and 221; PHE 209 (or 240 or 351), 218, 257, 259, 320, 323, 324, 330, 331, 332, 333, 401, and 421; BIO 301; BUA 101; and EDU 302. In addition, the student must complete two courses from each of the following: PHE 201, 202, 203, 204, or 205; and PHE 210, 211, 212, 213, 216, 221, and 222. Major and support courses total 52 semester credit hours. A minor field of study, selected

from the minors listed below, is required of non-teaching Physical Education majors.

Minors

Minors are available in Athletic Coaching, Athletic Training, Recreation, and Sports Management. A minor in Athletic Coaching requires the completion of 20 semester credit hours and is available to all baccalaureate degree-seeking students. The purpose of the minor in Athletic Coaching is to prepare students with training, knowledge, and experiences to enhance their professionalism and marketability for the coaching profession. Specific course requirements include HED 107, PHE 324, 330, 331, 333, 355, and 380. BIO 301 (Human Anatomy) is a prerequisite for many of the Physical Education courses.

A minor in Athletic Training requires 21 semester credit hours and is available to all baccalaureate degree-seeking students. This minor will give the students the knowledge base, training, and experiences to enhance their professionalism and marketability in the field of Physical Education as well as Coaching. The minor will enable the student to work in cooperation with a certified Athletic Trainer. Specific course requirements include: HED 107, PHE 324, 330, 331, 423, 425, and 426. BIO 301 (Human Anatomy) is a prerequisite that must be taken before pursuing many of the Physical Education required courses.

A minor in Recreation requires the completion of 21 semester credit hours. Specific course requirements include REC 101, 201, 322, 343, 364, 390, and 400.

A minor in Sports Management requires the completion of 21 semester credit hours. Specific course requirements include REC 101 and 400; ACC 201; ECO 201; MGT 301; and MKT 301 and 410.

For specific requirements to receive teacher certification, interested students should consult the Catalogue section under the Division of Education and Human Services. Students seeking teacher certification should refer to the admission criteria and procedures included in the College of Professional Studies section of this Catalogue.

APPLIED HUMAN SCIENCES

The Area of Applied Human Sciences offers coursework leading to an Associate of Arts degree in Liberal Studies with a Specialization in Early Childhood Development and a Bachelor of Arts degree in Child Development and Family Relations with non-teaching and teaching certification. The teaching certification program is an Interdisciplinary Early Childhood Education (Birth to Primary Certification) program. In addition, a minor is offered in the Child Development and Family Relations non-teaching program.

Child Development and Family Relations (non-teaching)

The baccalaureate degree program in this instructional area prepares students to direct or teach in pre-school programs and for work in family service agencies. To satisfy the requirements for the Bachelor of Arts degree in the Child Development and Family Relations non-teaching program, a student must complete a minimum of 128 semester credit hours with 33-semester credit hours in Child Development and Family Relations.

The required courses are CDF 101, 102, 203, 204, 305, 315, 316, 407, 408, 409, and 420; and 29 semester credit hours from other academic areas. These required courses are ART 101; EDU 310; ENG 260; FNU 101 and 203; HEC 308; MUE 333; SOW 308 and 430; and ARM 311. In fulfilling degree requirements, students must also complete 13 semester credit hours of free electives.

A minor in Child Development and Family Relations requires the completion of 18 semester credit hours. Specific course requirements include CDF 102, 203, 204, and 315; and 6 semester credit hours selected from CDF 420, PSY 400 or 404, SOC 304 or 305, and SOW 308.

For specific requirements to receive teacher certification, interested students should consult the Catalogue section under the Division of Education and Human Services. Students seeking teacher certification should refer to the admission criteria and procedures included in the College of Professional Studies section of this Catalogue.

THE DIVISION OF COMPUTER AND TECHNICAL SCIENCES

Like the explosive growth of the Information Super Highway, the need for graduates with marketable computer skills has grown exponentially. The major goal of the faculty in the Division of Computer and Technical Sciences is to provide students with the advanced conceptual framework and the technical expertise required to meet these new developing markets. Within this academic division, students can pursue degrees in Computer Science or Computer Graphics and Multimedia Production Technology or Computer Electronics Technology. Graduates of each of these programs are highly sought after by sophisticated business and industry computer corporations. Future University graduates must adapt to the continually evolving, world-wide technological environment. Graduates of these programs develop the life-long computer skills that enable them to advance in this and future professional markets.

COMPUTER SCIENCE

The Computer Science program offers courses leading to the Bachelor of Science degree in Computer Science. Students pursuing a bachelor's degree select either the Business or Mathematics Option. Courses in these options focus on computer programming, hardware organization, systems design and analysis, algorithmic development, computer networks and telecommunications, artificial intelligence, and information processing.

The Bachelor in Computer Science Degree

The baccalaureate degree program in Computer Science is modeled in accordance with guidelines established by the Computer Science Accreditation Board (CSAB). Students pursuing this program study a range of courses designed to prepare them for careers in business and industry as systems design and analysis professionals or for advanced study in graduate schools. The students will learn the skills in programming, systems, databases and networking components.

To satisfy the requirements for the Bachelor of Science degree in Computer Science (Business Option), students must complete a minimum of 128 semester credit hours. The required core courses are COS 107,

108, 109, 200, 230, 240, 300, 301, 302, 310, 340, 410 and 470; COS 400 or 410; and PUA 322 or a computer science elective at the 300/400 and 6 semester credit hours of computer science electives at the 300/400 level. Students will also take 6 semester credit hours of free elective; ENG 216; 6 semester credit hours in the natural sciences; and 15 semester credit hours of support courses: ACC 201 and 202; ECO 311 and 321; and MAT 125.

To satisfy the requirements for the Bachelor of Science degree in Computer Science (Mathematics option), a student must complete a minimum of 132 semester credit hours. The required core courses are COS 107, 108, 109, 200, 300, 301, 302, 310, 340, 350, and 410. In addition, students take 6 semester credit hours of Computer Science electives at the 300/400 level. Students must also complete 6 semester credit hour of free electives; a minimum of 15 semester credit hours in the natural sciences; and 20 semester credit hours of support courses: MAT 120, 131, 132, 321, and one mathematics and one computer science elective at 300/400 level.

Students must also complete 44 University-required Liberal Studies credits. The University oral competency requirement will be satisfied with completion of SOC 300 and COS 410.

Students desiring to minor in Computer Science must complete 21 semester credit hours. Specific course requirements include COS 107, 108, 109, 301, 310, and 340.

Students desiring to minor in Computer Information Systems must complete 21 semester credit hours. Specific course requirements include COS 101, 107, 200, 230, 240, 300, and 410.

Any student pursuing a secondary teacher education major may elect to obtain an endorsement for teaching Computer Science. An endorsement requires the completion of 23 semester credit hours. Specific course requirements include COS 101, 108, 109; EDU 203; MAT 125 and 321; and one course from COS 250, 310 or 340.

INDUSTRIAL TECHNOLOGY

Industrial Technology offers occupational and technical programs that lead to Associate Applied Science degrees in Computer Graphics and Multimedia Production Technology or Computer Electronics Technology. These programs are designed to address 1) the technical needs of students who seek employment for or a change in industrial employment, 2) the in-service needs of technicians who seek to improve their technical knowledge and skills to keep pace with changing technology in industry, and 3) the needs of those who desire personal enrichment or orientation by taking courses in these areas.

The Industrial Technology programs actively support the following goals of Kentucky Tech Prep:

- To reinforce student interest and enhance achievement in academic and technical skills;
- To integrate curriculum at both the secondary and post-secondary levels in a sequence of courses leading to an associate degree in a technical field;
- To establish articulation among secondary/post-secondary institutions, colleges, and universities;
- To prepare and assist students for entry into the workforce; and
- To upgrade vocational/technical courses to meet current and future needs.

The Industrial Technology programs are currently associated with three Tech Prep consortia based in Shelbyville, Harrodsburg, and Franklin counties. Rapid advances in technology in the workplace have brought about significant changes in competencies required of the labor force. Employers are in need of workers who can apply higher math and science competencies, communicate effectively (both in writing and orally), and demonstrate problem-solving skills.

In order to meet the challenges of today and to plan for the technological future, the programs offered through Industrial Technology have been designed to assist students in the enhancement of their education to better prepare them for the demands of the workplace.

Students from select area secondary and post-secondary schools may qualify for transfer of technical coursework under existing articulation agreements with Kentucky State University. In the Industrial Technology area, students enrolled in one of its associate degree programs may get credit for previous work in either Computer Graphics and Multimedia Production Technology or Computer Electronics Technology programs. These credit transfer agreements enable students to pursue a University degree without transitional delay or duplication of previous coursework. Credit may be awarded after a thorough review of a student's transcript and consultation with a University faculty advisor. A competency-based examination may also be given by the advisor to assist in the transfer evaluation process. More information may be obtained from the Division of Computer and Technical Sciences office.

COMPUTER GRAPHICS AND MULTIMEDIA PRODUCTION TECHNOLOGY

An Associate degree in Computer Graphics and Multimedia Production Technology prepares students to pursue careers as designers, drafters, technical illustrators, and CAD technicians. Our graduates are working in the fields of commercial art, forensic graphics, industrial design, motion picture and broadcast TV, photography, scientific illustration, and theatrical production. Students are trained to understand current protocols in industry and to develop advanced technological skills. They learn how to apply their knowledge through selected course activities and projects. Advanced levels of computer-aided drafting, modeling, and animation provide state-of-the-art advantages. All classes are taught by nationally recognized and professionally successful faculty. Job placement rates for graduates are excellent.

The courses required for earning an Associate degree in Computer Graphics and Multimedia Production Technology are in three basic categories: liberal studies—for the development of critical skills in English composition, technical writing, mathematics, and the natural, behavioral, or social sciences; Computer Graphics and Multimedia Production Technology core courses—for developing skills useful in today's highly technical occupations such as computer-aided drafting, manufacturing, and manufacturing processes; and Computer Science—to ensure that graduates are computer literate.

To satisfy the requirements for the Associate in Applied Science degree in Computer Graphics and Multimedia Production Technology, students must complete a minimum of 64 semester credit hours. The required courses are INT 101, 104, 124, 127, 208, 210, 212, 215, 235, 250, 255 and 290. In addition to the required courses, students must also complete the support courses: COS 101; INT 124, 127 and 250; MAT 115 and 120; and the liberal studies courses ENG 101, 102, and 216; and SPE 103. Students must choose one social and behavioral sciences elective and any other free elective to fulfill their curriculum requirements. The University oral requirement will be satisfied with the completion of INT 290.

COMPUTER ELECTRONICS TECHNOLOGY

An Associate degree in Computer Electronics Technology is designed for students who desire a new career in the electronics industries or who seek career advancement by upgrading their current technology expertise. The rapid growth of computer-based business and industry has led to a similar demand for expertise in the design and repair of digital-based computer hardware. This program focuses on the theoretical and hands-on understanding of solid-state devices and the digital control of computer-based industrial electronic equipment. Recent graduates are working in the field as electronics designers, electrical

equipment installers, component testers, and consumer electronics and computer technicians. Students develop other skills associated with electronics through laboratory experience and course lectures in computer-aided drafting and robotics. All classes are taught by nationally recognized experts and award-winning faculty.

The courses required for earning an Associate Degree in Computer Electronics Technology are in three basic categories: liberal studies—for the development of critical skills in English composition, technical writing, mathematics, and the natural, behavioral, or social sciences; Computer Electronics Technology core courses—for developing a fundamental understanding of electrical circuitry, solid state devices, digital circuitry, micro-processor architecture and control, servo and non-servo robotic control; and Computer Science.

To satisfy the requirements for the Associate in Applied Science degree in Computer Electronics Technology, students must complete a minimum of 67 semester credit hours. The required courses are INT 124, 128, 129, 130, 226, 230, 231, 240 and 290. In

addition to the required courses students must also complete the support courses: COS 101; INT 127, 208, and 250; as well as MAT 115 and 120. The liberal studies courses ENG 101, 102, and 216; and SPE 103 must also be completed. Students must choose one social and behavioral sciences elective and any other free elective to fulfill their curriculum requirements. The University oral requirement will be satisfied with the completion of INT 290.

To satisfy the requirements for the Associate in Applied Science degree in Computer Electronics Technology, Biomedical Option, students must complete a minimum of 68 semester credit hours. The required courses are INT 124, 128, 129, 130, 226, 230, 231, 240, 245, 246 and 299. In addition to the required courses students must also complete the support courses: BIO 107, COS 101, INT 127, and MAT 115 and 120. The liberal studies courses ENG 101, 102 and 216; and SPE 103 must also be completed. Student must choose one social and behavioral sciences elective to fulfill their curriculum requirements.

THE DEPARTMENT OF NURSING

The Associate in Applied Science degree in Nursing at Kentucky State University is accredited by the National League for Nursing Accreditation Commission (61 Broadway, 33rd Floor, New York, New York 10006; 800/669-1656, ext. 153) and approved by the Kentucky Board of Nursing (312 Whittington Parkway, Suite 300, Louisville, KY 40222; 502/329-7000). Upon successful completion of the associate degree program and successful completion of the National Council Licensure Examination-R.N., students qualify to practice as licensed registered nurses in Kentucky.

The curriculum is divided into liberal studies, support, and Nursing components. The liberal studies and support course components comprise approximately one-half of the total semester credit hours and focus on the development of critical skills in English composition and mathematics and on the acquisition of basic knowledge in the biological, behavioral, and social sciences. The Nursing component concentrates on nursing concepts and clinical practice.

To satisfy the requirements for the Associate in Applied Science degree in Nursing, a student must complete a minimum of 73 semester credit hours with a grade-point average of 2.0 or better, complete a Comprehensive Nursing Review, and obtain a satisfactory score on a comprehensive exit examination. The required courses are NUR 101, 102, 201, 202, and 203. The remaining required courses in the nursing curriculum are BIO 107, 108, and 204; ENG 101 and 102; FNU 104; MAT 115; PSY 200 and 303; SOC 203; and 3 semester credit hours of free electives. Students must receive a grade of "C" or better in all required courses in the nursing curriculum. Oral communication competency is fulfilled through the completion of Nursing classroom activities, on-campus Nursing laboratory experiences, and clinical assignments. Each emphasizes the use of verbal and nonverbal communication skills.

The Department of Nursing is responsible for all components of the program, including the selection, supervision and evaluation of Nursing students, and the curriculum—both instructional and clinical. The Nursing curriculum ladder is the recommended sequence of liberal studies, support, and Nursing courses. This ladder applies only to students who are directly admitted into the day program (full-time) for two years and who successfully complete all required courses in the curriculum.

The Department of Nursing has developed flexible course schedules for students who must work while pursuing a nursing degree. Students may obtain a degree in nursing by enrolling on a full time or part-time basis and by attending classes in the daytime or the evening, whichever meets their individual needs. Students attending evening classes can expect to be enrolled for a minimum of three academic years and must complete all other required courses in the curriculum (BIO

107, 108, and 204; ENG 101 and 102; FNU 104; MAT 115; PSY 200 and 303; SOC 203; and 3 semester credit hours of free electives) before enrolling in NUR 101 (Nursing I).

Admission Requirements

Applicants for admission to the Associate in Applied Science in Nursing program must meet the following requirements:

- Have a minimum ACT composite score of 21 earned within the last five years and be eligible for ENG 101 and MAT 115. (The Career Planning Program - Level II Test (CPP-2) is not accepted by the Department of Nursing);
- Have a minimum cumulative grade-point average of 2.3 in high school coursework and a 2.75 in any previous college/university coursework taken;
- Be certified in cardiopulmonary resuscitation (CPR) prior to enrolling in NUR 101 (Nursing I); and
- Complete an immunization form.

Applicants must complete an application for admission to the University and the Department of Nursing. The prospective Nursing student who plans to enter the Nursing program must complete and forward the following documents to the Chairperson, Department of Nursing, Kentucky State University, Frankfort, Kentucky 40601: An Application for Admission to the Department of Nursing, transcripts of high school coursework and any previous college/university coursework, and ACT scores. The deadline for receipt of these documents by the Department of Nursing for the fall semester is March 1 of each year. It is *THE RESPONSIBILITY OF THE APPLICANT* to see that all required credentials are on file in the Department of Nursing. Applicants will be notified in writing whether or not they have been admitted to the Nursing program.

Applicants not admitted to the Nursing program may choose to complete a Pre-Nursing curriculum and then re-apply for admission to the Nursing program. *Successful completion of the Pre-Nursing curriculum does NOT guarantee acceptance into the Nursing program.* To be evaluated for admission, Pre-Nursing students must have a minimum cumulative grade-point average of 2.75 and must have completed each of the following required courses with a grade of "C" or better: BIO 107, 108, and 204; ENG 101 and 102; FNU 104; and MAT 115. For applicants wishing to enroll in the fall semester, the deadline for receipt of grades for these courses by the Department of Nursing is March 1.

Admission into the Nursing program is competitive; meeting the minimum admission requirements by either of the routes described above does not guarantee acceptance into the program. Applications are NOT carried over from year to year. Applicants must reapply for admission into the Nursing program.

Pre-Nursing students should be aware of the following Department of Nursing Policies:

1. Students applying for admission to Nursing may repeat one of the two Anatomy and Physiology courses no more than one time to be considered for admission to Nursing.
2. Students failing the same liberal studies course for the second time will not be admitted to Nursing.
3. Students must obtain a letter grade of C or better in all courses required in the nursing curriculum (nursing and liberal studies courses.) A cumulative grade-point average of 2.75 is required for consideration for admission.

The Department of Nursing welcomes licensed practical nurses who are seeking to further their education. Licensed practical nurses may be admitted, as any other students, by following the admission criteria above. However, the Licensed Practical Nurse must submit a copy of his/her current license and an official transcript from the practical nursing program. Licensed practical nurses may be exempted from taking NUR 101 (Nursing I) if they successfully complete the ACT-PEP Fundamentals of Nursing Examination and a nursing skills test administered by the Department of Nursing. A minimum score of 50 or a letter grade of "C" is required on the ACT-PEP, and a satisfactory performance is required on the nursing skills test as determined by the Department of Nursing.

Criminal Background Check

Kentucky Nursing Laws require that all misdemeanor and felony convictions occurring in Kentucky or any other state must be reported. Federal and military convictions must be reported to the Board. In accordance with this policy, the Department of Nursing requires that each applicant submit a criminal background check with the application. This criminal background check must be completed within 90 days prior to admission.

Conviction of certain felonies within a five-year period before the date of application for licensure will cause a "Notice to Deny Licensure" to be issued to applicants seeking to write the nursing licensure examination.

Information about Articulation Agreement for LPN's

Kentucky State University's Department of Nursing has an Articulation Agreement with Kentucky Tech-Jefferson State-Shelby County Extension for Licensed Practical Nurses. The graduates of the Shelby County LPN program may complete the KSU Nursing Program in one academic year. Information concerning the program may be obtained from the KSU Department of Nursing.

Re-admission

After any interruption of studies at Kentucky State that has been limited, suspended, or revoked are not

University, a Nursing student may be required to audit

some classes that were previously taken. Also, any student whose Nursing studies have been interrupted for one semester or more must demonstrate sufficient recall of concepts and information from prior courses before a decision on re-admission is made. A score of 79% must be obtained on the re-admission exam. The re-admission exam is given once.

Expenses

Nursing students pay the same general fees and tuition as do other students at the University. However, students in the Nursing program incur additional expenses for uniforms, caps, name pin, nursing emblem, liability insurance, stethoscope, bandage scissors, white nurse's shoes, white hosiery, wrist watch with sweep second hand, and testing, laboratory, travel fees, and the Nursing Comprehensive Review.

BACHELOR OF SCIENCE IN NURSING (RN-BSN) COMPLETION PROGRAM

The RN-BSN completion program is designed to allow associate degree registered nurses to continue their education to earn a Bachelor of Science in Nursing.

The curriculum is divided into liberal studies courses and nursing courses. The liberal studies courses make up 26 credit hours of the program. Nursing courses comprise 31 credit hours of the RN-BSN curriculum. The total credit hours in the RN-BSN completion program (57 credit hours) will be added to the total credit hours transferred from the student's associate degree nursing program. The total credit hours from the RN-BSN completion program and the transferred hours must total at least 128 hours in order for the student to graduate.

The courses required in the RN-BSN program are as follows. Liberal studies courses: ART 130 or MUS 130, ENG 211, HIS 103, foreign language (6 credit hours of the same language), POS 101 or ECO 200, and SPE 103. Nursing courses: NUR 301, 302, 303, 304, 305, 401, 402, 403, 404, 405, and 406. Students must achieve a letter grade of "C" or better in all nursing courses in order to remain in the program.

RN-BSN students may enroll either part-time or full-time and may begin the program any semester. Nursing courses do not have to be taken in sequence and liberal studies courses may be taken at any time during the program.

Admission Requirements

All students applying to the RN-BSN program must have graduated from an accredited associate degree program of nursing* and hold an active registered nurse license in Kentucky. Registered nurses with a license

eligible for admission. All applicants must meet the

CPR and immunization requirements of the agencies with which they plan to complete their clinical practicum.

Students are expected to provide the Department of Nursing with an official transcript of their associate degree nursing program and of all previous college work. All RN-BSN applicants must submit a copy of their current registered nurse license to the Department of Nursing before they can be admitted. In order to remain in the RN-BSN program, students must have a copy of a current active Kentucky RN license on file in the Department of Nursing at all times.

*Diploma school graduates may be admitted to the

RN-BSN program after a review of their diploma program curriculum and if they have an active Kentucky registered nurse license. Some testing may be required before being admitted to the program.

Variance to University Policy on Credit Hours

Since the RN-BSN completion program is a transfer (second degree) program, RN-BSN students are not required to complete the requisite 45 credit hours of upper division courses. All RN-BSN students must complete at least 31 credit hours of upper division courses.

THE DIVISION OF SOCIAL WORK AND CRIMINAL JUSTICE

The Division of Social Work and Criminal Justice offers two degree programs. The degrees are a Bachelor of Arts in Criminal Justice and a Bachelor of Arts in Social Work. In addition, minors are offered in Criminal Justice and in Gerontology. The Social Work and Criminal Justice programs provide scholarships. They are available through the Kentucky Cabinet for Families and Children and the University of Kentucky.

CRIMINAL JUSTICE

The baccalaureate degree program in Criminal Justice is designed to prepare students for careers in law enforcement, correctional services, probation, parole, and other criminal justice-related areas, as well as for admission to law school. It also provides students with the fundamentals for advanced study in graduate school.

To satisfy the requirements for the Bachelor of Arts degree in Criminal Justice, a student must complete a minimum of 128 semester credit hours. The required courses include 48 semester credit hours of Criminal Justice courses and 21 semester credit hours of support courses. The required courses in Criminal Justice are CJE 101, 103, 200, 203, 204, 205, 303, 304, 390, 400, 401, 404, 405, 407, and 408. The remaining 3 semester credit hours are a Criminal Justice elective to be selected on the basis of the student's area of interest. Required support courses are SOC 203 and 305; SOC 343 or SOW 430, or GNT 301, 400, 401, or 402; SOC 423 or CJE 316; COS 100 or BUA 101; ENG 216 or ADM 220 or BUA 204; and PSY 400 or SOC 403, or PHI 390 or BUA 321 or 322.

A minor in Criminal Justice requires the completion of 18 semester credit hours. Specific course requirements include CJE 101, 103, 200, 203, and 205; and the remaining 3 semester credit hours may be selected on the basis of the student's area of interest within Criminal Justice.

SOCIAL WORK

The Bachelor of Arts degree in Social Work is accredited by the Council on Social Work Education. The principal objectives of the Social Work program are to prepare undergraduate students for generalist/entry-level professional social work practice in public and private sectors, and to prepare students for continued professional growth including graduate social work education. The curriculum utilizes class and field instruction to develop and strengthen the processes, values, skills, and knowledge essential for alleviating problems that impair the social functioning of individuals, families, groups, and communities.

To satisfy the requirements for the Bachelor of Arts Degree in Social Work, students must complete a minimum of 134 semester credit hours. The required

courses include 52 semester credit hours of Social Work courses; 12 semester credit hours of Sociology courses; 9 semester credit hours of support courses; and 6 semester credit hours of free electives. Students must consult with their advisor to plan the most appropriate sequence of study.

The required courses in Social Work are SOW 201, 306, 307, 308, 310, 314, 315, 321, 322, 400, 401, 422, 423, 424, 425; and GNT 102. Sociology requirements include SOC 203, 304, 305, and 403. Support courses required are ECO 201; PHI 210; and POS 160.

Admission Requirements

The minimum criteria for enrollment in Social Work courses are consistent with University policies. Students are eligible for formal admission to the Social Work Program if they are currently enrolled in and in good standing at the University. When declaring Social Work as a major, the student must make formal application for admission into the program.

Students are required to submit a formal application to the program accompanied by two pages of handwritten autobiographical information. The application and guidelines for the autobiographical sketch are available in the Division of Social Work and Criminal Justice. Applicants for admission are required to meet the following standards:

- Have completed SOW 201 (Career Choices in the Human Service Professions) or its equivalent with a grade of "C" or better;
- Have earned a 2.2 cumulative grade-point average or better; and
- Have demonstrated competency in oral communication during an interview with Social Work faculty members.

Applications are reviewed by the Social Work Admissions Committee, and decisions are given to applicants in writing. Transfer students may be admitted under provisions of articulation agreements.

Applicants may be admitted provisionally with a cumulative grade point average of less than 2.2 in cases where the Committee concurs that there is demonstrated potential for academic success. However, minimum requirements for provisional admission include a grade of at least "C" in ENG 101 and a cumulative grade-point average of at least 2.0. It is expected that those who are admitted on a provisional basis will attain a 2.2 grade-point average by the end of their first semester in the program.

Dismissal Procedures

Students may be dismissed from the Social Work Program at any time based upon one or both of the following:

- Unsatisfactory academic progress;
- Disciplinary action by the Division against the student because of conduct that would indicate character weaknesses of such nature as to make the student unfit for the Social Work profession

MINOR IN GERONTOLOGY

The field of Gerontology combines studies in Sociology, Psychology, Social Work, Education, Medicine, Biology, Physiology, Human Sciences, Health and Physical Education, and Public Administration. The minor in Gerontology is approved by the Association of Gerontology in Higher Education. A minor in Gerontology requires the completion of 21 semester credit hours. Specific course requirements include GNT 101, 102, 201, and 301; the remaining 9 semester credit hours may be selected from GNT 400, 401, or 402; or SOC 403.

THE SCHOOL OF BUSINESS

The Kentucky State University School of Business prepares men and women for business careers that require decision-making in a complex economic setting, one inextricably interwoven into a dynamic and diverse social, political, and cultural environment. Seeing the business firm from this perspective, the School of Business has four overriding goals: 1) to provide for all students, through the University's Liberal Studies Requirements, a firm base of liberal education that will develop within the student a global view of human understanding; 2) to present business instruction so that students may understand the functions of the business firm as a whole and the purposes of specific areas of business; 3) to develop within the student an appreciation of the importance of logical and analytical reasoning, a systematic approach to problem solving, and effective communications as these concepts apply to decision-making in the business firm; and 4) to develop a view among students that the baccalaureate degree in business administration is the initial step toward a life-long commitment to personal growth and intellectual maturity.

The School of Business recognizes that the growing, rapidly changing character of American business demands that individuals involved in the decision-making process of business firms and projecting future trends and practices be creative and innovative, while understanding the successes and failures of the past. This concept permeates the School's programs. The curriculum's strong liberal arts component provides students with a foundation from which to evaluate a business firm's social and moral responsibilities and their own individual responsibilities as they develop a personal philosophy of business.

ACCREDITATION

Accreditation is a process established to ensure public protection of, and instill public confidence in, collegiate professional schools and programs. "Specialized" accreditation involves the evaluation of particular units, schools, or programs within an institution with regard to effectiveness in preparing individuals for their chosen profession. The School of Business is fully accredited by the Association of Collegiate Business Schools and Programs (ACBSP). Founded in 1988, the ACBSP is one of the two organizations in the United States which accredit business schools and programs. The ACBSP has as its primary emphasis the encouragement of excellent teaching and the continuous evaluation of teaching effectiveness.

POLICIES GOVERNING THE DEGREE PROGRAM

DEGREE PROGRAM

The programs in the School of Business lead to a Bachelor of Arts degree in Business Administration and provide for a broad education as well as a reasonable amount of specialization. In accordance with the standards of the Association of Collegiate Business Schools and Programs, the School requires that a significant part of a student's academic program be in general education subjects. These courses are then complemented by: 1) courses in basic areas of business administration that collectively constitute a common professional component of business and 2) a specialization of courses in a functional area of business. The Bachelor of Arts degree in Business Administration is offered with specializations in Accounting, Business Administration, Management, and Marketing.

Beginning in the year 2000, the Kentucky State Board of Accountancy requires 150 semester hours to sit for the CPA examination in Kentucky. Most other states have also adopted and/or implemented the 150-hour requirement. Students should check the State Board of Accountancy in their state of residency or state of future employment for specific requirements. Students planning to sit for the CPA examination will be assigned an accounting faculty member as their advisor to assist them in meeting the necessary requirements through their coursework at the University.

In addition to this baccalaureate degree program, the University offers real estate courses. Each academic year, a selection of real estate courses is offered, including such topics as principles, law, marketing, valuation, and residential construction. By carefully selecting courses, a student may complete the necessary requirements and become a candidate to sit for the real estate licensure examination administered by the Kentucky Real Estate Commission.

Prizes, Awards, and Scholarships: The following awards are made to students in the School of Business: Outstanding Accounting Student, Outstanding Business Administration Student, Outstanding Management Student, Outstanding Marketing Student, the Wall Street Journal Award, Alma E. Smith Scholarship, Christopher Chuku Memorial Scholarship, and Outstanding Scholar-Athlete Award.

Academic Advisement: Each student is assigned an advisor who is available to assist him/her with the

scheduling process or with any other concerns he/she may have.

Degree Requirements: Students in the School of Business are responsible for planning, in cooperation with their advisor, their own programs and for meeting degree requirements. Requests for deviation from School of Business or University requirements may be granted only upon written approval from the Dean of the School of Business, or the Vice President for Academic Affairs, or their respective representatives. In addition to satisfying course requirements, students in the School of Business must complete a senior comprehensive examination.

Transfer Credit Policy: Students who transfer credits from other colleges and universities to substitute for business courses must have these transfer credits approved by the Dean of the School of Business. Kentucky State University's transfer of credits policy and procedures are explained in the Transfer of Credits section of this Catalogue.

Semester Credit Hour Requirements: To satisfy the requirements for the Bachelor of Arts degree in Business Administration, a student must complete a minimum of 128 semester credit hours.

Prerequisites: The School of Business follows the procedures as outlined in Sections III.B, III.C, and III.J of

the Academic Regulations and Policies portion of this Catalogue. A grade of "C" or better must be earned for a course to be accepted as a prerequisite. Instructors may waive listed prerequisites under exceptional circumstances.

Removal from Major, Minor, or Area of Specialization: The School of Business follows the procedures as outlined in Section XIV.D of the Academic Regulations and Policies portion of this Catalogue. The School of Business defines "attempts" as completing a course with a grade other than an "I," "W," or "AU."

THE CURRICULA FOR MAJORS

The curricula of the School of Business consists essentially of four parts: 1) the Liberal Studies Requirements; 2) the basic business common professional component courses in Business Administration; 3) professional courses for specialization in Accounting, Business Administration, Management, or Marketing; and 4) a support course in Computer Science and Mathematics.

The Liberal Studies Requirements are described elsewhere in this Catalogue. The Social Science requirement of the Liberal Studies Requirements is normally met by choosing either ECO 200 or POS 101. Business students, however, must take ECO 201 in place of ECO 200 or POS 101.

BASIC BUSINESS COMMON PROFESSIONAL COMPONENT CURRICULUM

Number	Course Title	Hours
ACC 201	Principles of Accounting I	3
ACC 202	Principles of Accounting II	3
BUA 101	Computer Applications in Business	3
BUA 204	Business Communications OR	
ENG 216	Technical Writing	3
BUA 321	Legal Environment	3
BUA 330	Corporation Finance	3
ECO 202	Principles of Economics II	3
ECO 311	Business Statistics I	3
ECO 312	Business Statistics II	3
ECO 321	Quant. Methods of Decision Making	3
ECO 329	International Economics	3
ECO 411	Money and Banking	3
MAT 125 ¹	Linear Algebra and Diff. Calculus	
	with Business Applications	3
MGT 300	Management Information Systems	3
MGT 301	Principles of Management	3
MGT 490	Strategic Management	3
MKT 301	Principles of Marketing	3
		51

¹ Support Course

The curriculum provides students with a general exposure to the primary areas of accounting. Students completing the curriculum are eligible to begin careers in professional accounting.*

Number	Course Title	Hours
ACC 301	Intermediate Accounting I	3
ACC 302	Intermediate Accounting II	3
ACC 308	Cost Accounting I	3
ACC 324	Accounting Information Systems	3
ACC 403	Auditing	3
ACC 462	Federal Income Taxation	3
		18

*Students planning to complete the 150 credit hour requirement to sit for the CPA examination should consult their advisor.

PROFESSIONAL COURSES FOR SPECIALIZATION

Accounting

General Business

This curriculum is for students who seek a broad business background without extensive specialization in any single field.

Number	Course Title	Hours
ACC 300	Managerial Accounting	3
MGT 455	Production Management	3
	*Professional electives	<u>12</u>
		18

*May be selected from PSY 402 or from courses with these prefixes: ACC, BUA, ECO, FIN, MGT, MIS, or MKT.

Management: This curriculum accommodates students whose interests include the preparation for entry into corporate management training positions, the application of behavioral science to management, the human resources function in both line and staff capacities, and managing a small business.

Number	Course Title	Hours
ACC 300	Managerial Accounting	3
ECO 424	Labor Economics	3
MGT 433	Human Resources Management	3
MGT 452	Transportation and Business Logistics	3
MGT 455	Production Management	3
MGT 460	Human Behavior in Organizations	<u>3</u>
		18

Marketing: This curriculum provides a specialization of study for students planning careers in marketing research, advertising, retailing, or sales management.

Number	Course Title	Hours
ACC 300	Managerial Accounting	3
MGT 452	Transportation and Business Logistics	3
MKT 410	Marketing Communications	3
MKT 420	Marketing Management	3
MKT 430	Marketing Research	3
MKT 440	Consumer Behavior	<u>3</u>
		18

PROGRAMS LEADING TO MINORS

The School of Business, in addition to its degree

program, offers programs that lead to minors in Accounting, Economics, Finance, Management, and Marketing.

MINOR IN ACCOUNTING

Students electing a minor in Accounting should complete the following course sequence:

Number	Course Title	Hours
ACC 201	Principles of Accounting I	3
ACC 202	Principles of Accounting II	3
ACC 301	Intermediate Accounting I	3
ACC 302	Intermediate Accounting II	3
ACC ¹	Elective	3
ECO 202	Principles of Economics II	<u>3</u>
		18

¹ May be selected from courses with ACC prefix, excluding ACC 300.

MINOR IN ECONOMICS

Students electing a minor in Economics should complete the following course sequence:

Number	Course Title	Hours
ECO 201	Principles of Economics II	3
ECO 311	Business Statistics I	3
ECO 301	Microeconomics	3
ECO 302	Macroeconomics	3
ECO 411	Money and Banking	3
ECO 424	Labor Economics	<u>3</u>
		18

MINOR IN FINANCE

Students electing a minor in Finance should complete the following course sequence:

Number	Course Title	Hours
ACC 201	Principles of Accounting I	3
ACC 202	Principles of Accounting II	3
BUA 330	Corporation Finance	3
BUA 421	Cases in Financial Management	3
BUA 430	Investments	3
BUA 440	Personal Financial Planning	3
ECO 202	Principles of Economics II	<u>3</u>
		21

MINOR IN MANAGEMENT

Students electing a minor in Management should complete the following course sequence:

Number	Course Title	Hours
ACC 201	Principles of Accounting I	3
ACC 202	Principles of Accounting II	3
ECO 202	Principles of Economics II	3
MGT 301	Principles of Management	3
MGT 433	Human Resources Management	3
MGT 460	Human Behavior in Organizations	3
MGT	¹ Elective OR	
PSY 402	Industrial Psychology	3
		<u>21</u>

¹May be selected from any course with an MGT prefix.

MINOR IN MARKETING

Students electing a minor in Marketing should complete the following course sequence:

Number	Course Title	Hours
ACC 201	Principles of Accounting I	3
ACC 202	Principles of Accounting II	3
ECO 202	Principles of Economics II	3
MGT 301	Principles of Management	3
MKT 301	Principles of Marketing	3
MKT 410	Marketing Communications	3
MKT 420	Marketing Management	3
		<u>21</u>

ADMINISTRATIVE SUPPORT SERVICES

The Associate in Applied Science degree in Administrative Support Services is designed for students who wish to become practicing office professionals. The program emphasizes the development of skills, attitudes, and knowledge needed by office professionals for success in today's highly technological offices. Successful completion of this program prepares students for positions as administrative assistants, executive secretaries, document processors, records management supervisors, and other administrative positions within the office environment.

The program is designed to provide students with a basic knowledge of accounting, psychology, business organizations, fundamental office skills, sophisticated office equipment and technology, and modern office management. A minimum of 66 semester credit hours is required for completion of the program. The curriculum includes a strong liberal studies component and a core of professional and support courses.

To satisfy the requirements for the Associate in Applied Science degree in Administrative Support Services, a student must complete a minimum of 66 semester credit hours. The required courses are ADM 103, 121, 222, 224, 225, 230, 231, and 242. The remaining courses include ACC 201 and ACC 202; BUA 204; ECO 200; ENG 101 and 102; MAT 111; PSY 200 or SOC 203; SPE 103; 6 semester credit hours of advised electives; 6 semester credit hours of professional electives; and 3 semester credit hours of free electives.

Through an articulation agreement with the

Department of Vocational/Adult Education of the Cabinet for Workforce Development, the Administrative Support Services Program also offers eligible students the opportunity to gain academic credit for coursework previously taken through post-secondary vocational education institutions in the state of Kentucky. Such coursework, which is similar in content and learning outcomes and exceeds the number of contact hours for courses taught at Kentucky State University, may be covered by the articulation agreement. Students who wish to assess their eligibility for articulating academic credit should contact the Dean of the School of Business.

Credit for the Certified Professional Secretaries' (CPS) Exam

Designated persons successfully completing the Certified Professional Secretaries' (CPS) exam and maintaining current CPS designation will be awarded 18 semester credit hours for the following courses: ADM 121, 222, and 242; ACC 201; BUA 204; and ECO 201. To be awarded this credit, the student must be an official associate degree-seeker in Administrative Support Services and have completed at least 12 semester credit hours of courses as prescribed in the Administrative Support Services curriculum. For more information, interested students should contact the Dean of the School of Business.

Tech Prep Articulation Agreements

Kentucky State University, through articulation agreements with some local high schools, offers credit to students graduating from business education and continuing their studies in Administrative Support Services. Inquiries relating to these agreements should be directed to the School of Business.

Students from select area secondary and post-secondary schools may qualify for transfer of coursework under existing Articulation Agreements with Kentucky State University. Students enrolled in the Associate Degree program in Administrative Support Services may receive credit for previous classes in office administration or office applications. The credit transfer agreements enable students to pursue a University degree without transitional delay or duplication of previous coursework. Credit may be awarded after a thorough review of a student's transcript and consultation with a University faculty advisor. A competency-based examination may also be given by the advisor to assist in the transfer evaluation process. More information may be obtained from the School of Business Office.

THE SCHOOL OF PUBLIC ADMINISTRATION

The School of Public Administration was established in 1973. It offers an undergraduate and a graduate program, one leading to the Bachelor of Arts degree in Public Administration and the other to the Master of Public Administration degree respectively.

The study of Public Administration primarily prepares students for career employment as supervisors, managers, and decision-makers in the public sector, including local, state, and federal government agencies. In addition, the graduates of the Public Administration program may be eligible for employment in similar capacities in the non-profit sector.

The University's programs in Public Administration are designed to endow students with practical abilities in problem-solving, program analysis, and implementation. The structure of the academic programs is based on the premise that the Public Administration student should possess skills adaptable to various tasks and employment settings. The program also emphasizes the sub-fields of management information systems, human resources/personnel, and development administration, and makes a special effort to meet the needs of professionals from the Kentucky state government.

BACHELOR OF ARTS DEGREE IN PUBLIC ADMINISTRATION

The liberal studies education at Kentucky State University is characterized by intellectual breadth and depth. Students working toward the Bachelor of Arts degree in Public Administration pursue a curriculum that includes exposure to the substantive approach and insight of different disciplines. The curriculum includes intensive training in analytical techniques and offers in-depth education in social sciences related to the management of public services.

To satisfy the requirements for the Bachelor of Arts degree in Public Administration, students must complete a minimum of 128 semester credit hours, including the University's Liberal Studies Requirements (53 semester credit hours including ECO 200), with 45 semester credit hours for the major in Public Administration, which includes 33 semester credit hours of Public Administration courses: PUA 301, 302, 303, 304, 305, 322, 400, 401, 402, 491, and 499; one English course: ENG 216; POS 101; one computer course: either BUA 101 or COS 100; and one statistics course: either POS/PSY/SOC 300 or SOW/CJE 400. The remaining 30 semester credit hours consist of 6 free electives, 6 Inter-cultural Electives, and 18 career electives.

Six hours of electives may be freely chosen from any

field of study. The following courses may fulfill the Inter-cultural Elective requirement:

- C Any of the following foreign language courses, beyond those used to fulfill the Liberal Studies Requirement: ASL 171, 172; FRE 101, 102, 201, 202; ITA 101, 102; JPN 171, 172; KOR 171, 172; RUS 171, 172; SPA 101, 102, 201, 202.
- C Any of the following Integrative Studies courses, beyond those used to fulfill the Liberal Studies Requirement: IGS 301, 302, 303, 304.
- C Speech 302
- C Sociology 303 or 304
- C Any course completed through a Study Abroad Consortium in which KSU participates
- C Any additional course designated by the Dean of the School of Public Administration as an Inter-Cultural Elective.

The remaining 18 hours may be in minor or elective courses related to the student's public service career objective. At least three hours of the electives must be at the 300 level or above. Career electives may be taken in the following fields: public administration, political science, sociology, psychology, social work, criminal justice, business administration, accounting, computer science, economics, management, office administration, mathematics, and speech. Any foreign language course may be used as a career elective. Students wishing to take courses not on this list as career electives must obtain prior written approval from the dean. In such cases the student must explain in writing how the course in question would further his/her public service career plans.

MINOR IN PUBLIC ADMINISTRATION

The School of Public Administration also offers a minor in Public Administration. This program is available to every student pursuing a baccalaureate degree at Kentucky State University. A minor in Public Administration requires the completion of 18 semester credit hours. Specific course requirements include PUA 302, 303, 305, and 402; the remaining 6 semester credit hours must be selected in consultation with the student's minor advisor from 300/400 level Public Administration courses.

GRADUATE PROGRAMS

THE MASTER OF PUBLIC ADMINISTRATION

ACCREDITATION

The School of Public Administration has been a member of the National Association of Schools of Public Affairs and Administration (NASPAA) since 1973. NASPAA is an organization which sets national standards for the Master of Public Administration (MPA) degree program and the other master's-level degree programs in Public Administration. The following excerpt from the current NASPAA standards clearly states the purpose of a Master of Public Administration degree program.

The purpose of the professional master's degree program in public affairs and administration is to prepare individuals for positions of leadership in public service. A career of leadership may involve management and/or policy at several levels of government, in non-profit agencies and in private sector areas where knowledge of government is important.

(NASPAA Standards, 1992)

The Master of Public Administration degree program at Kentucky State University was accredited by NASPAA in June 1997. The program is modeled after NASPAA's standards for such programs and shares its educational philosophy. The objectives of the MPA program include providing knowledge, skills, and experience that can be directly utilized by public and private sector professionals in their changing work environment. The program equips students with the technical skills and liberal arts values necessary for responsible administrative roles in state, local, federal, quasi-governmental, non-profit, and private sector systems. The program provides the interdisciplinary foundations of public administration, quantitative skills, sensitivity toward humanistic dimensions of public organizations, fiscal management, and computer utilization.

A majority of public administration courses are offered in the evening to accommodate students with full-time jobs. By taking two courses each semester, such students can complete all degree requirements in three years. Many of KSU's MPA students work for government agencies and receive employer tuition assistance, but some full-time students receive graduate assistantships in exchange for part-time work. Full-time students typically earn the Master of Public Administration degree in two years of study. Up to 12 semester credit hours of appropriate graduate-level coursework may be transferred into the

Master of Public Administration program from elsewhere.

ADMISSION TO THE MASTER OF PUBLIC ADMINISTRATION PROGRAM

All inquiries related to admission to the Master of Public Administration program should be submitted to the Dean, School of Public Affairs, Kentucky State University, Frankfort, Kentucky 40601. New applicants follow one set of procedures, while former MPA students wishing to renew their studies follow another. The procedures are as follows:

1. All new applicants (including transfer applicants) seeking graduate-level admission to the School of Public Affairs must supply the following credentials:
 - A. An Application for Admission (\$15.00 fee is assessed). Applications must be received by July 15 for the fall semester; by December 15 for the spring semester; and by May 1 for the summer session.
 - B. Official transcripts indicating that applicants have completed a bachelor's degree. Transcripts of international students must be submitted in English, and any translation of transcripts certified. Applicants with undergraduate GPAs below 3.0 must also provide evidence that the applicant meets Admission Requirement B below. This proof may be transcripts indicating completion of related undergraduate coursework, or employment verification, or GRE or GMAT test scores. Applicants should read section B below carefully. If applicants are uncertain about whether or not their coursework or employment histories fulfill Admissions Requirement B, they should also submit a GRE or GMAT score.
 - C. Three (3) letters of recommendation.
2. Students who were previously enrolled in the Master of Public Administration program at Kentucky State University and who wish to resume enrollment after not attending for two or more years, and students returning from suspension must provide the following:
 - A. An application for re-admission and
 - B. Official transcripts for all coursework attempted at other colleges or universities during the period of absence from Kentucky State University.

Special Application Procedures for International Students

In addition to meeting all conditions required for admission of other students, as set forth below under either "Regular Admission Requirements" or "Conditional Admission Requirements," international applicants must meet the following requirements:

- A. Have official TOEFL score (KSU code number 1368) provided directly from the testing agency. TOEFL scores must be 525 or above. Students completing their undergraduate studies in the United States or at universities elsewhere where English is the principal language of instruction are exempt from submitting TOEFL scores.
- B. Demonstrate, via Declaration of Certification of Finance, that sufficient funds are available to finance the planned course of study without causing undue hardship on the student.

A successful international applicant will be sent an official Letter of Acceptance and information pertaining to registration and enrollment. Upon receipt of the official Letter of Acceptance, a confirmation deposit of \$3,500 U.S. dollars must be sent before the University will forward an Immigration Form (I-20) Certificate of Eligibility. This deposit will remain on account until the student graduates or withdraws from the University. However, a student may apply a maximum of 65% of the \$3,500.00 deposit toward tuition and fees during the first semester of matriculation. International students are required to make payment in U.S. dollars.

ADMISSION CLASSIFICATIONS

Regular Admission Requirements

The Master of Public Administration program admits only students whose preparation indicates potential for a high level of success. Applicants who hold earned bachelor's degrees from accredited institutions and have overall GPAs of 3.0 or higher (on a 4.0 scale) receive Regular Admission based entirely on evidence of that undergraduate accomplishment. Applicants with GPAs of less than 3.0 may obtain Regular Admission by meeting BOTH Requirements A and B below. Requirement A ensures that all MPA students are likely to succeed in professional graduate study; Requirement B ensures that all students also have the potential for career success in the public service. Only applicants meeting both requirements can be admitted.

Admission Requirement A: Applicants must possess earned bachelor's degrees from accredited colleges or universities with minimum grade-point averages of 2.7. This information should be verifiable from applicants' official transcripts.

Admission Requirement B: Applicants must meet at least *one* of the following requirements:

1. Have completed at least 24 hours of undergraduate work related to public administration. This information should be verifiable from applicants' official transcripts. For the purposes of this requirement, the following disciplines are

considered related to public administration: public administration, political science, sociology, psychology, history, social work, criminal justice/police administration, computer science, international studies, economics, and business (all sub-fields).

2. Have been employed full time in a professional position by a governmental or non-profit organization for a period of at least two (2) years. This is normally verified using a letter from a past or present supervisor or employer, which may be one of the three letters of reference mentioned above. A "professional" position is either one which requires incumbents to have completed at least two years of college or a position which demonstrably requires exercise of substantial judgement, self-direction, analytical skills, or leadership. Applicants may supplement employer letters with additional documentation concerning the nature of their duties.
3. Submit a combined score of at least 1,100 (Verbal, Mathematical, and Analytical) on the Graduate Record Exam (GRE) or a score of at least 480 on the Graduate Management Test (GMAT).

Applicants who meet one of these three requirements are not required to submit documentation concerning the other two. For example, if an applicant's transcript indicates that he/she has completed 21 hours of coursework related to public administration (requirement 1), then the applicant need not necessarily submit a GRE score or an employer letter.

Conditional Admission Requirements

Upon recommendation of the faculty, the dean may grant Conditional Admission to applicants who have undergraduate GPAs of at least 2.4 and who meet all other requirements for Regular Admission. Such applicants must possess baccalaureate degrees and must meet Requirement B of the "Regular Admission Requirements." As described above, Requirement B can be fulfilled using related coursework, professional experience, or a test score. Conditionally admitted students are subject to initial performance requirements more stringent than those imposed upon others, as described below under Probation and Dismissal.

Non-Degree Admission

To obtain non-degree graduate admission, each prospective student must submit a transcript indicating that he/she possess an earned bachelor's degree from an accredited college or university. Non-degree status is appropriate for students seeking to take courses purely for their own enrichment. If a non-degree student earns any graduate course grade below a "B" at Kentucky State University, his/her non-degree admission status will be terminated. If a non-degree student completes six hours of coursework at the University, that student's non-degree admission status

will be terminated. A non-degree student wishing to pursue the MPA degree may be admitted to the program at the discretion of the dean and faculty. No more than six non-degree hours may be transferred into the program.

REQUIREMENTS FOR THE MASTER OF PUBLIC ADMINISTRATION DEGREE

The Master of Public Administration program is designed to serve both in-service students (those with work experience) and pre-service students (those without work experience), and focuses on problem-solving methods. The academic component is supported by a variety of applied research activities. Each of the research activities is designed to provide the student with research skills, as well as a body of knowledge and information needed by practicing public administrators. Master of Public Administration degree requirements may be completed with 42 semester credit hours of graduate-level coursework. A 3 credit hour internship is a requirement for all pre-service Master of Public Administration students.

A professional core of knowledge is expected of each Master of Public Administration candidate. It includes perspectives on public administration, quantitative methods, research methods and policy analysis, public sector economics, organization theory, computer applications, public personnel management, public sector economics, and budgeting in government agencies. Upon completion of these core courses, the student must choose a specialty area for advanced coursework. Students newly admitted to the Master of Public Administration program must take PUA 500 (Perspectives on Public Administration) during their first semester of enrollment.

The Master of Public Administration program offers three specialty areas in response to the various needs for public sector expertise. These specialty areas include: Management Information Systems, Human Resource Management, and International Administration and Development.

Students may select their final 9 semester credit hours from two different graduation options: thesis or coursework. All students must take a comprehensive examination over the core and specialty areas. An oral defense of the thesis is required of those students who elect to undertake that option.

DEGREE SCHEMATIC

A 3 semester credit hour background course, PUA 600 (Seminar on American Political Institutions and Public Policies), is required of international students and others with limited academic backgrounds in American public administration.

Core Courses (24 semester credit hours):

PUA 500	Perspectives on Public Administration
PUA 501	Quantitative Methods

PUA 503	Research Methods and Policy Analysis
PUA 504	Organization Theory
PUA 505	Managerial Computer Applications
PUA 506	Human Resource Management in the Public Sector
PUA 605	Public Sector Economics
PUA 607	Budgeting in Government Agencies

Specialty Area Courses (9 semester credit hours):

The student must select and complete three specialty area courses at the 600 level in Public Administration (9 semester credit hours) in consultation with the student's advisor.

Internship (required for pre-service students, 3 semester credit hours):

PUA 699 Internship in Public Administration

Thesis Option (6 semester credit hours plus three additional coursework hours):

A thesis is a formal paper reflecting systematic research on a significant problem. It should represent a student's independent research, carried out under the supervision of the Public Administration faculty. A thesis may use primary data collected by the student and/or secondary data collected by governmental and non-governmental organizations. It must, however, provide evidence of originality, appropriate organization, clarity of purpose, critical analysis, and accuracy. Mere descriptions, cataloguing, compilation, and bibliographic reviews are not adequate. Approval of the Dean of the School of Public Administration is required prior to registration for the thesis option.

Coursework Option (9 semester credit hours):

Students who select the coursework option must complete their final 9 semester credit hours from any 600 level courses. Approval of the student's advisor is required prior to registration for the coursework option.

SPECIALTY AREAS IN THE MASTER OF PUBLIC ADMINISTRATION DEGREE PROGRAM

The specialty areas in the Master of Public Administration program offered by Kentucky State University reflect the human-resource needs in the public sector and the student's career objectives. The Master of Public Administration program currently offers three specialty areas, each of which is briefly described below. Within each specialty area, one advanced course is required. The student may, in consultation with his/her advisor, select two other

specialty area courses to meet the student's educational needs.

Human Resource Management

This specialty area is designed for students who are interested in both public- and private-sector personnel management positions. The following courses are offered:

Required Course:

PUA 691 Human Resource Management Seminar

Optional Courses (select two of the following):

PUA 612 Human Resource Law
PUA 614 Applied Human Relations
PUA 615 Personnel Assessment

Management Information Systems

This specialty area is designed for students interested in jobs in the Management Information Systems (MIS) field. It emphasizes systems analysis and design, and utilization of current applications software. The following courses are offered:

Required Course:

PUA 682 Seminar on Management Information Systems

Optional Courses (choice of two of the following):

PUA 680 Management Information Systems Administration
PUA 681 Applied Advanced Statistical Methods
PUA 683 Decision Support Systems

International Administration and Development

This specialty area generally attracts public service professionals from the developing nations, sponsored by their government and USAID. American students interested in careers in international administration may also choose this specialty. The following courses are offered:

Required Course:

PUA 631 Seminar on Comparative and International Administration

Optional Courses (select two of the following):

PUA 632 Comparative Economic Systems
PUA 633 Seminar on Development Administration
PUA 692 Seminar on International Personnel Systems

ACADEMIC REGULATIONS AND POLICIES FOR THE MASTER OF PUBLIC ADMINISTRATION

Once a student has received the Master of Public Administration degree, additional specializations may not be added to the transcript or diploma. Students may take additional course work as non-degree students, but this work will not count toward an additional specialization or degree.

Comprehensive Examinations

All Master of Public Administration degree

candidates are required to pass a written comprehensive examination in their final semester at Kentucky State University. The comprehensive examination is normally offered during the fall and spring semesters. Limited availability of faculty resources makes it difficult to schedule a comprehensive examination in the summer session. It is the individual student's responsibility to complete an application for a comprehensive examination. The application must be approved by the student's advisor and submitted to the dean of the School of Public Administration for placement on the comprehensive examination list. The student's request to participate in the fall semester examination must be made no later than September 15. Requests to participate in the spring semester examination must be made no later than February 15.

Grades

Grades below "C" may not be presented for Master of Public Administration graduation credit, nor shall graduation be approved for students with grade-point averages below 3.0. Students may not graduate with more than 6 semester credit hours of courses with a grade of "C" or below. This regulation does not apply when a grade of "C" has been superseded by successful completion (grade of "B" or better) of a particular course at a later date.

Probation and Dismissal

A. Initial Procedures for Conditionally Admitted Students

Any conditionally admitted student who fails to perform satisfactorily while initially enrolled will be dismissed from the program. To remain in the program all conditionally admitted students must do the following:

1. Attempt at least nine (9) hours of MPA coursework within one year of admission.
2. Earn a GPA of at least 3.0 on the first nine or more hours attempted, with no grades of "D" or "F."

Conditionally admitted students who fail to meet either of these initial performance requirements (1 or 2) will be permanently dismissed from the program. Conditionally admitted students who meet these initial performance requirements will be automatically converted to regular status in the program. They will then be subject to the same probation and dismissal procedures imposed on other students.

B. Procedures for Other Students

A student is placed on probation when his/her grade-point average falls below 3.0. A student placed on probation may subsequently enroll in up to 9 semester credit hours of graduate-level coursework. In taking the subsequent 9 semester credit hours of courses, the student must bring his/her overall grade-point average up to at least 3.0 to continue in the program and to remain in

good academic standing.

A dismissed student may, after one year, appeal in writing to the dean of the School of Public Administration for re-admission. If re-admission is granted, the student will be placed on probation for up to 9 semester credit hours of courses. A student who does not bring his/her overall grade-point average up to at least 3.0 in taking the subsequent 9 semester credit hours of courses will be permanently dismissed from the University without appeal.

Time Limit for Completion of Degree

All program requirements must be completed within six years of initial admission, unless otherwise approved by the Dean of the School of Public Administration. Students should consult the revised *Master of Public Administration Student Handbook*, available from the dean of the School of Public Administration, for further information about graduate study.

Program Course Load

Full-time students carry a normal load of 9 semester credit hours of graduate-level coursework per semester. (Part-time students who are employed full-time are advised to carry no more than 6 semester credit hours of graduate-level coursework in any semester.)

GRADUATE STUDENT ASSISTANTSHIPS

A limited number of graduate assistantships are available for full-time students pursuing the Master of Public Administration degree. Students holding these positions work 20 hours per week and receive stipends and waivers of out-of-state tuition. Graduate assistants assist the dean and faculty members in their instructional and research activities. Students interested in such positions may make application to the dean of the School of Public Administration. Assistantships are awarded on the basis of need and high academic achievement.

ACTIVITIES

As public service professionals, Master of Public Administration students are encouraged to join the American Society of Public Administration (ASPA) and other relevant professional organizations such as the Kentucky Political Science Association, the United Nations Association (Frankfort chapter), and the International Personnel Management Association. The national/regional/state conferences of ASPA and other organizations provide opportunities for students and faculty to present research papers. Membership in professional organizations provides forums for students to engage in and present their research, associate with colleagues, and grow and develop professionally.

CENTER FOR PUBLIC POLICY RESEARCH

In Fall 1987, a Research Center for Public and International Policy was established within the School of Public Administration to emphasize applied social science research. The dean of the School of Public Administration concurrently serves as the Director of the Research Center for Public and International Policy, which seeks both external and internal funds to carry out applied social science research. Faculty and graduate assistants in the School of Public Administration gain hands-on experience in these research programs.

THE MASTER OF SCIENCE IN AQUACULTURE/AQUATIC SCIENCES

The Aquaculture Program and the Division of Mathematics and Sciences at Kentucky State University offer a Master of Science degree in Aquaculture/Aquatic Sciences. Aquaculture is the rearing of aquatic organisms under controlled or semi-controlled conditions. Interest in Aquaculture has increased worldwide as fish consumption has increased concurrently with decreasing catches of wild fish. In Kentucky and the southern United States, aquaculture production focuses on raising freshwater species commercially. The curriculum meets criteria established by the University Programs Standards Committee of the American Fisheries Society for Fish Culture Specializations and criteria established by the United States Aquaculture Society, a chapter of the World Aquaculture Society. This program is designed to provide students with the training and experience required for immediate employment. However, the program is also designed to provide the academic foundation for further graduate studies. As a thesis-based degree program, it requires each student to have a graduate committee. This committee will be responsible for evaluating the student's competencies based on comprehensive evaluation, and thesis presentation and defense. Upon completion of the program, students should have knowledge of production and reproduction of primary aquaculture species, basic genetics, physiology and nutrition of aquatic vertebrate and invertebrate culture species, mechanics and operation of primary production methods, causes and controls of pathogenic organisms, the function and manipulation of biological and chemical cycles in ponds, the design and analysis of experiments, and basic economics and marketing in aquaculture.

ADMISSION TO THE MASTER OF SCIENCE IN AQUACULTURE/AQUATIC SCIENCES PROGRAM

Application

Admission to the Graduate Program in Aquaculture/Aquatic Sciences is based upon evidence that the applicant has already attained a certain minimal level of academic proficiency. Applicants must assume responsibility for filing complete admission data, as listed below.

Application Form: Each student must submit a completed, signed application form, providing all requested information. An application form can be obtained through the Program's website, www.ksuaquaculture.org. A letter describing the

applicant's goals and career objectives is also

required.

Transcripts; Each applicant must provide two official copies of transcripts of all previous college/university credits showing all grades received and any degrees or certificates that have been awarded. The student who has not completed his/her undergraduate degree at the time of application for admission to the Aquaculture Program must submit an official transcript at the time of application, as well as an official transcript with the posted degree once the degree requirements have been completed. An official transcript must bear the raised seal and the signature of the registrar from the sending institution. Graduates from all schools other than Kentucky State University should contact their registrars and request that official copies of their transcripts be forwarded directly to the Aquaculture Graduate Student Coordinator, Aquaculture Research Center, Kentucky State University, Frankfort, Kentucky 40601. Students seeking full admission must be graduates of an accredited four year institution of higher learning authorized to grant the baccalaureate degree.

Graduate Record Examination: All applicants for admission to the program must submit satisfactory official score reports from the general section of the Graduate Record Examination (GRE) at the time of application. The GRE must have been taken within the past five years. Certain domestic students who have not had a prior opportunity to take the GRE may be admitted provisionally for one semester provided they take the test during their initial semester in graduate school. Applications to take the GRE can be obtained from, and must be sent to, the Educational Testing Service, P. O. Box 6000, Princeton, New Jersey 08541-6000 U.S.A. (Telephone: 609-771-7670 or 510-654-1200). It is the responsibility of the applicant to apply for and take the examination and to have the official scores sent to the Aquaculture Graduate Student Coordinator.

Letters of Recommendation: Applicants should solicit three letters of recommendation from instructors at previous institutions, and request that they be mailed to the Aquaculture Graduate Student Coordinator.

Application Deadlines: Applications must be received by May 15 for fall semester and by October 15 for spring semester admission.

Types of Graduate Admission: After evaluation of an applicant's credentials, the applicant will be notified

by letter that (1) admission has been granted under one of the categories listed below, (2) admission has been denied, or (3) a decision has been deferred for reasons listed in the notice. An admission letter will be issued by the Aquaculture Graduate Student Coordinator and the Division of Mathematics and Sciences stating the conditions of admission and the period of validity of the admission. An applicant who has not received an admission, denial, or deferment notice one month prior to the beginning of the final regular registration period should contact the Aquaculture Graduate Student Coordinator for clarification. Attendance in the Master of Science in Aquaculture/Aquatic Science Program at Kentucky State University is not a right; it is a privilege which the University can withdraw as deemed necessary in order to safeguard the University's standards.

1. **Unconditional Admission:** Applicants who meet the requirements for admission to the graduate program are eligible for unconditional admission. General requirements for unconditional admission are
 - A. A baccalaureate degree from an accredited institution;
 - B. An overall undergraduate grade-point-average of 3.0 (on a 4.0 scale).; and
 - C. A GRE minimum combined score of 1,000 (Verbal and Quantitative).
2. **Provisional Admission:** An applicant unable to supply all of the required application materials prior to admission consideration, but who otherwise meets the admission requirements may be granted provisional admission. Complete and satisfactory credentials must be received by the Aquaculture Graduate Student Coordinator before the end of the semester in which the student has registered in a provisional status. A student normally will not be permitted to enroll with a provisional status for more than one semester. Provisional admission does not guarantee, in any way, subsequent unconditional admission.
3. **Probationary Admission:** An applicant who does not meet conditions B and/or C of the admission requirements for unconditional admission, but does show promise for successful graduate studies may be granted probationary admission. Students must be removed from probationary admission prior to registering in any graduate coursework beyond an initial 12 semester credit hours. The minimum condition for transfer from probationary admission status to unconditional admission status is the successful completion of at least nine semester credit hours of graduate coursework at Kentucky State University while maintaining a graduate grade-point-average of at least 3.0 and with no more than one grade (regardless of the number of course credit hours) of "C" or lower. The student will be informed of all conditions for consideration for unconditional

admission at the time the student is granted probationary admission status. A student admitted under the probationary admission status should not attempt any graduate coursework graded pass/fail. A student in probationary status may not hold an assistantship or be admitted to candidacy without first achieving unconditional admission status. International students will not be admitted on a probationary admission basis.

4. **Non-Degree Admission:** An individual wishing to take graduate aquaculture courses for personal or professional development, but who does not plan to pursue a graduate degree, may be admitted as a non-degree student. A non-degree student must hold a baccalaureate degree from an accredited institution and must have a minimum overall undergraduate grade-point-average of 2.0 (4.0 = A).
5. **Visiting Student Admission:** Because of the uniqueness of the Aquaculture Program, Kentucky State University is attractive to many students who have been previously admitted to other accredited graduate programs. In order for a visiting student to be officially enrolled for graduate credit at Kentucky State University, the student must file an application form and submit an official Visiting Student Form. The Visiting Student Form must bear the seal of the Graduate School and the signature of the Graduate Dean where the student has been admitted.

Advisement: Upon admission to the Program, each student shall be assigned an advisor. The student shall take the initiative to become familiar with the objectives of the program and pertinent regulations, as they are described in the Catalogue, prior to scheduling a conference with the assigned advisor.

Special Application Procedures for International Students: In addition to the general guidelines for admission, international students must

- Have a minimum grade-point average of 3.0 or its equivalent in undergraduate coursework as evidenced by official transcripts. All transcripts must be submitted in English, and any translation certified.
- C Have official Test of English as a Foreign Language (TOEFL) scores provided directly from the testing agency or provide other evidence of proficiency in the English language. TOEFL scores must be a minimum of 550 (written) or 230 (computer). However, students completing their undergraduate studies in the United States are exempt from submitting TOEFL scores, and may be admitted to the Program with a cumulative grade-point average of 3.0. Students exempted from submitting TOEFL scores will be required to complete the GRE and are subject to meeting the

requirements for unconditional admission.

- C Must present evidence of financial resources adequate to support their educational and living expenses in the United States for the duration of their study. The award of a Graduate Research Assistantship is considered evidence of adequate financial resources.

Course Load

The normal load of a graduate student during any semester is nine semester credit hours or its equivalent. Under no circumstances may it exceed 12 credit hours or its equivalent. Part-time students who are employed full-time are advised to carry no more than six semester credit hours of graduate-level coursework in any semester.

Transfer of Credit

Candidates for the master's degree are restricted to a maximum of nine semester credit hours of credit by transfer of work completed at another accredited graduate institution. Official copies of transcripts must be submitted and evaluated before any transfer credit can be accepted. Certain courses submitted for transfer may not be considered equivalent to specified program requirements even if course titles are the same.

Repeat Option

A student may repeat a graduate course. The lower grade is removed and does not count toward total hours or toward the student's grade-point average. This action will be initiated by petition of the student to the Aquaculture Graduate Student Coordinator and the Division of Mathematics and Sciences, and may be done only once.

Grading System

The University awards letter grades which are translated into quality points to determine the grade-point average, or point standing. The system is based neither on an absolute numerical system nor on a distribution curve. Some instructors add a "+" or a "-" to the letter grade to help students understand more accurately their performance; however, such designations are not recorded on student records and do not affect the point standing. The following system of symbols will be used in grading students:

A: Excellent. It represents exceptionally high achievement as a result of aptitude, effort, and intellectual initiative; it is worth four quality points per semester credit hour.

B: Good. It represents a high achievement as a result of ability and effort; it is worth three quality points per semester credit hour.

C: Average. It represents average achievement, and is worth two quality points per semester credit hour.

D: Poor. It represents the minimum passing grade (not for courses in which the students must receive a "C" or better), and is worth one quality point per semester credit hour.

F: Failure. It represents failure of a course taken either for a letter grade or on a pass-fail basis, and is worth zero quality points.

P: Pass or proficient. It represents a passing grade in a course taken on a pass-fail basis. It is not included in the grade-point average.

I: Incomplete. It means that part of the regularly assigned work for the course has not been completed, for example, the final examination, one major examination, a term paper or class project, or part of the requirements of a laboratory. A grade of "I" may not be assigned as a substitute for a "D" or an "F." An incomplete earned in any given term (summer session/semester) must be removed by the end of the eighth week of classes within one calendar year; otherwise, the "I" will automatically be changed to an "F". When an "I" is assigned, a detailed description of the work to be completed must be provided by the faculty member to the Office of Academic Advising, dean, chairperson, student's designated advisor, and student.

W: Withdrawal. This option can be entered only for students who withdraw prior to the end of the fifth full week of classes during a semester, or the second full week of classes during a summer session. It is not included in the grade-point average.

AU: Audit. It is not included in the grade-point average. This grading option must be selected no later than the end of late registration, and must be indicated on either the student's registration or add/drop form.

Pass-Fail

1. The pass-fail and audit options are available to students who wish to take graduate courses for their own professional growth or personal interest. Such courses may not be used as part of the graduate degree requirements.

2. A grade of "P" will be given to indicate satisfactory completion of the examinations and/or experiences eligible for pass-fail credit. When a "P" is assigned, it is equivalent to a minimum numerical score of **70%**.

3. A grade of "F" will be given to indicate unsatisfactory completion of the examinations and/or experiences eligible for pass-fail credit. An

"F" is assigned when the numerical grade is below 70%.

The grading scale is as follows:

Grading Scale

A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 0-59

More detailed information about student evaluation is available on specific course syllabi. A student's academic grade record is expressed as a grade-point average computed by multiplying the semester hours of credit for each course by the quality point value of the grade received in the course. These products are added, and the sum is divided by the total number of semester credit hours attempted.

Grade Appeals

See Section XIII.F of the University Catalogue.

Academic Integrity

The University faculty have the right to expect students to adhere to the principles of academic integrity. These principles require students to present as theirs only academic work for which they are actually responsible. Academic dishonesty will not be tolerated. Depending upon the seriousness of the infraction, students found guilty of plagiarizing or cheating will be sanctioned in any of several ways. These range from assignment of a failing grade on the assignment or dismissal from the course in question, to dismissal from the Program.

For a full description of what is considered "cheating" and "plagiarism," refer to the section entitled "Academic Offenses" in the *Kentucky State University Student Handbook*.

Probation

When students have completed 12 or more semester credit hours of graduate coursework with a grade-point average of less than 3.0, they will be placed on academic probation. Students will have one full-time semester or the equivalent (9 semester credit hours) to remove the scholastic probation by attaining a 3.0 average.

Dismissal

If probation is not removed, students will be dismissed from the Program. Students who have been dismissed from the Program for this reason may apply for re-admission after one semester. Readmitted students will have one full-time semester or the equivalent (9 semester credit hours) to remove the scholastic probation by attaining a 3.0 average. Students placed on scholastic probation are not eligible for assistantships. Enrollment may be

terminated for any of the following reasons:

- C Scholastic probation for three semesters of enrollment.
- C Two unsuccessful attempts to pass the written comprehensive examination(s) or the final oral examination.
- C In cases where the student's Advisory Committee recommends termination after the student has passed the written comprehensive examination, the Graduate Faculty will meet to vote on the recommendation. When the Graduate Faculty concurs and the student dissents, the student will have an opportunity to meet with the Graduate Faculty, after which a second vote will be taken and a final recommendation will be made to the Aquaculture Program and the Division of Mathematics and Sciences.

DEGREE COMPLETION REQUIREMENTS

Admission to Candidacy

Admission to candidacy is a function of the Program's consideration of the student's potential for matriculation in the Program based on his/her performance at the graduate level, and represents a stage beyond admission to the Aquaculture/Aquatic Sciences Graduate Program. Students must be admitted to candidacy to be considered eligible for the master's degree. A copy of the student's admission to candidacy application shall be submitted by his/her advisor for approval by the Aquaculture Graduate Student Coordinator and Chairperson of the Division of Mathematics and Sciences as soon as possible. Admission to candidacy must be approved no later than the third week of the semester in which the student is enrolled in any of the last 12 semester credit hours of his/her degree program. To accomplish this, the required papers for admission to candidacy must be received by the Aquaculture Graduate Student Coordinator prior to the student's registration in any of the last 12 semester credit hours of the degree program. A student will not be eligible to graduate in the same semester he/she is admitted to candidacy, unless that student is completing the program within two consecutive semesters. A permanent committee will be assigned upon approval of candidacy. The permanent committee will consist of the Aquaculture Graduate Coordinator, the major professor (Chair), and one other faculty member from the Aquaculture Program or the Division of Mathematics and Sciences. Admission to candidacy must be completed prior to scheduling of the written comprehensive examination(s) or thesis final defense.

All conditions for clear admission to the Program and any prerequisites must have been satisfied before the candidacy application is approved. No student shall become an approved candidate without a minimum overall and program graduate grade-point average of 3.0; no graduate credit shall be granted for

a grade below "C"; and no student may repeat a course to improve his/her standing without the explicit permission of his/her advisor and the Aquaculture Graduate Student Coordinator.

When a student's candidacy is approved, the student is notified that he/she is a candidate for the degree program. After becoming a candidate, a student is eligible to file an application for graduation. An application for graduation must be received in the Division of Mathematics and Sciences prior to the semester in which the program completion is expected (see the Academic Calendar for submission dates). Graduation application forms are available upon request from the Office of Records and Registration. Students should refer to the following section for complete details concerning application for graduation. Fees will be billed to the student's account by the cashier.

Students will be considered candidates for graduation only if they have an overall and program graduate grade-point average of 3.0 or higher at the beginning of the term in which they wish to graduate.

Master's Thesis

Students who submit a thesis in partial fulfillment of the master's degree must prepare it in conformity with the regulations approved by the Aquaculture Graduate Student Coordinator. Three approval pages bearing original signatures of the graduate committee must be included with three typewritten, clear, unbound copies of the thesis, all presented to the Aquaculture Graduate Student Coordinator at least two weeks prior to the end of summer school and three weeks prior to the end of the Fall or Spring semester. Two copies are bound and become the property of the Program; one copy is bound and becomes the property of the Blazer Library. Theses must be on white paper of at least 50 percent rag or cotton fiber content and must be in a form acceptable to the Aquaculture Program. Instructions for the preparation should be obtained from the Program's website (www.ksuaquaculture.org) before the thesis is typed.

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

Time Limit for Degree Completion

All program requirements must be completed within three years of initial admission, unless otherwise approved by the Aquaculture Graduate Student Coordinator.

Minimum Hours Required

The Master of Science in Aquaculture/Aquatic Sciences Degree Program requires a minimum of 37 semester credit hours.

Class Attendance

The University expects all students to attend class regularly. Students are responsible for coursework covered during all class periods, including the first class meeting. Each instructor will record absences and deal with them in a manner consistent with University policy. If a student presents the instructor with an adequate and documented reason for an absence, the instructor normally will give the student an opportunity to make up the work missed, if this is feasible. Adequate reasons involve circumstances beyond the student's control, such as personal illness, critical illness or death in the immediate family, or participation in an approved University activity. It is the student's responsibility to initiate the request to make up class work missed. Students should familiarize themselves with each faculty member's course syllabus for specific details.

Comprehensive Examination(s)/Final Thesis Defense

All candidates shall perform satisfactorily on written examination(s) of the contents of their program of studies and the final defense of their theses. Written comprehensive examinations are scheduled after the application for the degree has been filed and evidence exists indicating that the student should complete all degree requirements. Written comprehensive examinations are not to be given prior to admission to candidacy, or while the student's overall graduate grade-point average is below 3.0.

The committee chair must file the Schedule of Written/Comprehensive Examination in the Aquaculture Research Center with copies to the student and committee members at least two weeks prior to the comprehensive examinations. Committee chairs shall certify the results of the completion of the comprehensive examinations to the Aquaculture Graduate Student Coordinator no later than 30 days in advance of Commencement.

A review period of no less than 60 days nor more than one year is required of candidates who fail the written comprehensive examinations or thesis final defense initially. Additional courses or thesis work may be required of an unsuccessful candidate. Committee changes are not normally approved between the first taking of the comprehensive examinations or thesis final defense and the retake. Written comprehensive examinations may not be retaken more than once for the master's degree.

GRADUATE STUDENT ASSISTANTSHIPS

Graduate Research Assistantships provide student assistance for the Aquaculture Program. Students holding these positions work 20 hours per week and receive stipends and waivers of tuition. Assistantships are awarded on the basis of need and

high academic achievement.

CATALOGUE APPLICABLE

A student will be governed by the catalogue in force during the school year in which he/she is officially admitted to the graduate program unless he/she interrupts resident status at this institution for more than two years, in which case he/she comes under the requirements of the catalogue in force at the time of re-admission. A student may elect to comply with the catalogue currently in force with the permission of the Vice President for Academic Affairs.

REQUIRED COURSES

BIO 507 Fish Genetics	3
BIO 509 Biostatistics	4
BIO 511 Fish Diseases	4
BIO 512 Fish Morphology & Physiology	4
BIO 521 Fish Nutrition	3
BIO 522 Principles of Aquaculture	3
BIO 525 Aquaculture Economics and Marketing	4
BIO 527 Fish Reproduction & Spawning Techniques	4
BIO 551 Survey of Production Methods	3
BIO 560 Water Quality Management	4
BIO 601 Thesis	<u>1</u>
	37 hours

ELECTIVE COURSES

BIO 591 Internship:Aquaculture	1/4
BIO 600 Research Aquaculture	1/9
BIO 699 Completion of Research & Thesis	1/9

HONORS AND AWARDS

Each spring the University holds an Honors Convocation for students who have high academic achievements. The University's Office of Academic Affairs and academic units honor students for the following awards and honors:

President's Award (Graduating seniors with the five highest grade-point averages)

Junior Award (Five highest academic averages, junior year)

Sophomore Award (Five highest academic averages, sophomore year)

Freshman Award (Highest academic average, 4.0 GPA, freshman year)

College of Arts and Sciences

The Virginia A. Brooks College of Arts and Sciences Academic/Leadership Award (Outstanding student who has demonstrated leadership ability as evidenced by activities, honors, and award)

Division of Behavioral and Social Sciences

A.W. Wright Award (Full-time senior concentrating in social work or sociology with a GPA that demonstrates academic success; alternates between social work and sociology)

H.E. Cheaney Endowed Scholarship (Full-time student at KSU, declared major in history or political science; at least a "B" academic average)

Outstanding Psychology Student (Academically distinguished graduating student majoring in Psychology)

Outstanding Major: Political Science

Outstanding Major: Sociology

Outstanding Major: History

Division of Literature, Languages and Philosophy

Helen Holmes Award (Award given to the senior English major who has the highest overall average and who has a minimum of six semesters of full-time attendance at Kentucky State University)

Arsenio Alfaro Award (Awarded to second semester foreign language student who attains highest score on the competitive examination)

Division of Fine Arts

Anna Margaret Garrison Riggins Award (Presented to African-American concert choir member who exemplifies academic, social and leadership skills)

Florence Gazaway Memorial Scholarship (Concert choir music major who exemplifies musical, cooperation, and good academic standards)

Outstanding Art Education Major (Art Education major who demonstrates academic success and dedication to the teaching profession)

Carl H. Smith Award of Musical Excellence: CCPOE (Music major who best represents and demonstrates the highest possible standards in the area of scholastic achievement and musical excellence)

First Christian Church Frankfort Dr. Carl H. Smith Scholarship for Excellence in Music (For full-time and outstanding Kentucky State University choral/vocal student with an overall grade point average of 2.5 or better who is active the First Christian Church Frankfort choir)

David Lyons and Joseph Tiggs Award for Outstanding Achievement in Gospel Choral Music (Student who best represents the highest level of achievement in the area of gospel choral music)

Singer Buchanan Award for Theatrical Excellence (Theatre student who best represents and demonstrates the highest standards of theatrical excellence and achievement)

Winona Fletcher Award for Thespian Achievement (Student who demonstrates the highest level of growth in theatrical performance)

The William L. Dixon Award for Excellence in Jazz Performance (Music major with highest level of achievement in jazz performance)

The Mary E. Gill Endowed Scholarship (Awarded to Woodford County student participant in concert choir; exemplifies musical growth, cooperation, good academic standards)

Henry Green Award for Achievement and Instrumental Award (Music major with highest level of achievement and musical performance)

Mary E. Hill Memorial Scholarship (At least 60 credit hours; major in biology, physics, chemistry, or music;

cumulative GPA 2.7; major GPA 3.0+; outstanding character)

The Mary J. Robb Award (Awarded to concert choir participant who is music major or minor or major in music education who exemplifies musical excellence)

Outstanding Studio Art Major Award (Full-time art major with outstanding achievement in art)

Thelma Johnson Award (Music/keyboards major who has significant contributions as accompanist and pianist)

The Natasha Paul'et Wilson Scholarship (Outstanding freshman in concert choir)

Dr. James and Rosalind Letton Scholarship (Outstanding member of concert choir)

Ruby Dixon Award (Scholastic and musical excellence with highest GPA)

Most Promising Freshman Art Major Award (Exemplifies superior potential in visual arts)

Mary E. Hill Memorial Scholarship (At least 60 credit hours; major in biology, physics, chemistry, or music; cumulative GPA 2.7; major GPA 3.0 or better in the major field; junior or senior status)

Buchanan-Neville Endowed Scholarship (Sophomore, Junior, or Senior with a GPA above 2.5 from a small Kentucky town)

Division of Math and Sciences

Academic Achievement in Mathematics (A GPA of 3.5 or above; major in math, currently enrolled junior or senior)

Outstanding Major in Chemistry (At least 12 semester hours in MASC courses, 6 semester hours in 300/400 level MASC; GPA of 3.0 in all MASC courses at KSU)

Academic Achievement in Biology (Declared major in Biology; currently enrolled, junior or senior; GPA 3.5 or above)

Academic Achievement in Chemistry (Declared major in Chemistry; currently enrolled, junior or senior, GPA 3.5 or above)

Outstanding Major in Biology (Academic achiever; at least 12 semester credit hours in MASC courses, 6 semester hours in 300/400 level MASC; GPA of 3.0 in all MASC courses at KSU)

Outstanding Major in Mathematics (Academic achiever; at least 12 semester credit hours in MASC

courses, 6 semester hours in 300/400 level MASC; GPA of 3.0 in all MASC courses at KSU)

Outstanding Student in Master of Science in Aquaculture (Must be accepted in M.S. program in Aquaculture; a minimum GPA of 3.5)

Lloyd E. Alexander Memorial Biology Award (Selected by Biology faculty)

Mary E. Hill Memorial Scholarship (At least 60 credit hours; major in biology, physics, chemistry, or music; cumulative GPA 2.7; major GPA 3.0+; outstanding character)

College of Professional Studies

Outstanding Graduating Senior Award (Full-time outstanding academic performance and service)

Department of Nursing

Nursing Scholarship Award (Given yearly to graduating nursing students with a cumulative GPA of 3.0 or higher)

Division of Computer & Technical Sciences Outstanding Bachelor of Science—Senior

Outstanding Bachelor of Science—Junior

Outstanding Bachelor of Science—Sophomore

Outstanding Bachelor of Science—Freshman

Wood-Taylor Memorial Scholarship

Outstanding Electronics Technology Scholarship Award (Award is given to student having the highest GPA above 30 sem. hrs., in drafting and design technology)

Outstanding Drafting and Design Scholarship Award (Award is given to student having the highest GPA above 30 sem. hrs. in drafting and design technology)

Division of Education and Human Services Outstanding Seniors in Education

Outstanding Senior in Education (GPA of 3.9 or above; demonstrates leadership and commitment to teaching)

Outstanding Junior in Education (GPA of 3.9 or above; demonstrates leadership and commitment to teaching)

Outstanding Sophomore in Education (GPA of 3.9 or above; demonstrates leadership and

commitment to teaching)

Outstanding Freshman in Education
(GPA of 3.9 or above; demonstrates leadership and commitment to teaching)

Mary Levi Smith Award (Outstanding student teacher)

The Mildred Jacobs Award (Leadership and dedication to the teaching profession)

The Handley Award (Leadership)

Alfred D. Wiley Award (GPA of 3.0 or above; demonstrates leadership, initiative, dependability, and dedication to the profession)

Student National Education Association (SNEA) Award (Leadership, attends meetings and workshops)

Leroy Smith Award (Outstanding recreational service)

William Exum Award (Outstanding scholarship and citizenship in physical education)

Child Development Head-Start Scholar (Sophomores with a GPA of 3.1 or above)

Child Development Traditional Achiever (Juniors with a GPA of 3.1 or above)

Child Development Achiever (Seniors with a GPA of 3.0 or above)

Child Development High Achiever (Senior with a GPA of 3.5 or above)

Division of Social Work and Criminal Justice

Outstanding Senior in Criminal Justice (Senior majoring in criminal justice who has a GPA that demonstrates academic success and who has demonstrated commitment to the profession as both a practitioner and as a student)

Ethel McClendon Award (Full-time graduating senior majoring in social work who has a GPA that demonstrates academic success and has demonstrated commitment to social work values)

Outstanding Senior in Social Work

Outstanding Junior in Social Work

Outstanding Junior in Criminal Justice

Outstanding Sophomore in Criminal Justice

Social Work Community Service Award (Social Work student who has a GPA that demonstrates academic

success and has demonstrated a strong commitment to community service)

A.W. Wright Award (Full-time senior concentrating in social work or sociology with a GPA that demonstrates academic success; alternates between social work and sociology)

The School of Business

Outstanding Accounting Major (Graduating senior with the highest GPA)

Outstanding Business Administration Major (Graduating senior with the highest GPA)

Outstanding Management Major (Graduating senior with the highest GPA)

Dr. Alma E. Smith School of Business Award (Junior in School of Business with at least a 3.0 GPA)

Wall Street Journal (Graduating senior with outstanding academic accomplishments)

Christopher Chuku Memorial Scholarship (School of Business major or minor with minimum of 3.0 GPA)

Outstanding Scholar-Athlete (Outstanding student with GPA of 3.0 or better)

Outstanding Business Service Award (Outstanding student involved with service to school)

Buchanan-Neville Endowed Scholarship (Sophomore, junior, or senior with a GPA above 2.5 from a small Kentucky town)

Outstanding Marketing Major (Graduating senior with the highest GPA)

Outstanding Administrative Support Services Award (Graduating senior with the highest GPA)

Whitney Young College of Leadership Studies

Outstanding Whitney Young College Freshmen (Academic excellence, seriousness about academics; cooperation with other students)

Outstanding Whitney Young College Sophomores (Academic excellence, seriousness about academics; cooperation with other students)

Outstanding Whitney Young College Junior (Academic excellence, seriousness about academics; cooperation with other students)

Outstanding Whitney Young College Seniors
(Academic excellence, seriousness about academics;
cooperation with other students)

Outstanding Whitney Young College Senior (GPA 3.0
or above; at least 105 credit hours.)

Whitney Young College Student Leadership Award
(GPA of 3.7 or above; initiative, responsibility,
creativity as student leader)

School of Public Administration

Public Administration Honors Awards (Outstanding
student with a GPA of 3.0 or above and involved in
public service)

Public Administration Departmental Honors
(Department GPA of 3.0 or above)

Public Administration Honorable Mention
(Departmental GPA of 2.7 or above)

Honor Roll/Dean's List Students

Part-time (at least one-half time) students are given
special recognition for academic achievement.
Students enrolled in 6 to 11 semester credit hours in
which quality points are earned and whose grade-point
average is 3.2 or better, will be included on the
Academic Honor Roll.

A student who earns 12 or more semester credit hours
for which quality points are awarded and whose grade-
point average is 3.4 or better, will be included on the
Dean's List.

***Frankfort Alumnae Chapter, Delta Sigma Theta
Sorority, Inc.*** Scholarship

***Gamma Beta Lambda Chapter Alpha Phi Alpha
Fraternity, Inc.:*** The "Best All-Around Senior" Award

***Beta Epsilon Omega Chapter, Alpha Kappa Alpha
Sorority, Inc.*** Award

***Delta Mu Delta, National Business Honor Society,
Zeta Chi Chapter:*** New Inductees

COURSE DESCRIPTIONS

Course descriptions are listed alphabetically by subject prefix on the following pages. Each course description begins with a three-letter subject prefix followed by a three-digit course number and the course title. The number on the right of each course description gives the semester credit hours for that course. If a course includes laboratory or other special activities, that information is contained in the course description.

Prerequisites are also listed. A prerequisite is a course, experience, or other required preparation that must be completed before the student is permitted to enroll in the course.

Courses marked with an asterisk (*) meet the oral communication competency requirement. The subject prefixes for the course descriptions are as follows:

AAS	African American Studies
ACC	Accounting
ADM	Administrative Support Services
AFS	Air Force Studies
AMS	Army Military Studies
ARM	Apparel Retail Marketing
ART	Art
ASL	American Sign Language
BIO	Biology
BUA	Business Administration
CDF	Child Development and Family Relations
CHE	Chemistry
CJE	Criminal Justice
CLE	Credit for Life Experience
COE	Cooperative Education
COS	Computer Science
COM	Communication
ECO	Economics
EDU	Education
ENG	English
FNU	Foods and Nutrition
FRE	French
GEO	Geography
GNT	Gerontology
HEC	Home Economics
HED	Health Education
HIS	History
IGS	Integrative Studies
INT	Industrial Technology
ITA	Italian
KOR	Korean
MAT	Mathematics
MGT	Management
MKT	Marketing
MSC	Mathematics/Sciences
MUA	Music – Applied
MUC	Music – Class Instruction
MUE	Music Education
MUP	Music – Performance Ensemble
MUS	Music
NUR	Nursing
PHE	Physical Education
PHI	Philosophy
PHS	Physical Sciences

PHY	Physics
POS	Political Science
PUA	Public Administration
PSY	Psychology
REC	Recreation
REL	Religious Studies
RES	Real Estate
RUS	Russian
SCI	Science
SOC	Sociology
SOW	Social Work
SPA	Spanish
SPE	Speech
THE	Theatre
UNV	University Orientation
WYC	Whitney Young College

AFRICAN-AMERICAN STUDIES

AAS 303/ART 303: African-American Art History 3
A course designed to reveal contributions and accomplishments of African-American artists and the influence of traditional early African art on art of the world.

AAS/ENG 409: Literature of African-Americans 3
Prerequisite: ENG 211. A study of representative literary works written by African-Americans from Phillis Wheatley to the present.

AAS/HIS 314: African-Americans in the United States 3
Prerequisite(s): HIS 201 and HIS 202, or consent of instructor. The history of African-Americans in the United States, their role in the development of this country, and their struggle for rights, privileges, and protections of citizenship.

AAS/HIS 365: African History to 1870 3
Prerequisites: HIS 101 and HIS 102. A survey tracing the earliest beginnings of man in Africa and the development of sub- and trans-Saharan civilizations.

AAS/HIS 366: African History from 1870 3
Prerequisites: HIS 101 and HIS 102. The creation and development of European colonial empires in Africa and the subsequent rise of independent African states.

AAS/HIS 411: African-Americans in the Twentieth Century 3
Prerequisites: HIS 201 and HIS 202. A thorough study of the contributions of African-Americans to American culture and their struggle for full citizenship in the United States.

AAS/MUS 323: African-American Music 3
Open to non-Music majors. A study of the development of African-American music, including spirituals, blues, jazz, symphonic literature, and miscellaneous songs.

AAS/MUS 325: Jazz History and Literature 3
Open to non-Music majors. A survey of jazz, including its origins, major performers, and composers. All idioms and styles are studied using selected readings and recordings.

ACCOUNTING

ACC 201: Principles of Accounting I 3
Prerequisite: MAT 111 or consent of instructor. An introduction to current accounting theory and practice, including accounting concepts, principles, financial statements, the accounting cycle, and selected assets such as cash, receivables and inventory.

ACC 202: Principles of Accounting II 3
Prerequisites: ACC 201 and BUA 101. A continuation of ACC 201. Study of accounting fundamentals including current liabilities, partnerships, corporations, long-term liabilities, the statement of cash flows, long-term investments and financial performance evaluation.

ACC 300: Managerial Accounting 3
Prerequisites: ACC 202. An exploration of decision-making tools and use of accounting information used by internal management for directing and controlling an organization's resources.

ACC 301: Intermediate Accounting I 3
Prerequisite: ACC 202. A comprehensive study of concepts and principles underlying corporate financial accounting and reporting. Emphasis is given to current assets and operating assets.

ACC 302: Intermediate Accounting II 3
Prerequisite: ACC 301. A continuation of ACC 301. A study of intangibles, investments, current and long-term liabilities, stockholder equity, pensions, leases, accounting changes and error analysis, statement of cash flows, and interperiod income tax allocation.

ACC 308: Cost Accounting I 3
Prerequisites: ACC 202. The study of cost behavior from a managerial perspective. The principles, practices, and procedures involved in collecting, assembling, analyzing, and controlling manufacturing costs are examined.

ACC 324: Accounting Information Systems 3
Prerequisites: ACC 202. An exploration of the flow of accounting information and resources throughout the entity with respect to management decision-making and control. Hands-on experience with microcomputer accounting software is an integral part of this course.

ACC 401: Financial Accounting Theory 3
Prerequisites: ACC 301 and ACC 302. This course is a study of the accounting theory underlying current accounting standards and practices, including an examination of issues and controversies facing the profession.

ACC 403: Auditing 3
Prerequisites: ACC 302 and ECO 311 or consent of instructor. A study of the attest function, including history, scope of service, ethics, and responsibilities. Planning procedures used in independent audits and the impact of materiality, risk and internal controls are covered.

ACC 407: Auditing and Assurance Services 3
Prerequisites: ACC 402 and ECO 321. Application of generally accepted auditing standards to assurance services: computerized systems, statistical risk control, substantive sampling, operational compliance, internal auditing, and other assurance services.

ACC 408: Cost Accounting II 3
Prerequisites: ACC 308. A study of accounting concepts and procedures in capital budgeting, cost allocation theory, cost behavior, and quantitative approaches to dealing with constraints and uncertainty.

ACC 410: Governmental/Not-for-Profit-Accounting 3
Prerequisite: ACC 301 or consent of instructor. Study of generally accepted accounting and reporting principles for governmental and non-profit entities. Particular emphasis is on state and local government using fund accounting.

ACC 462: Federal Income Taxation 3
Prerequisite: ACC 202. Study of federal income tax concepts, laws and rules relating to individuals and businesses. Basic tax return preparation and tax research are included.

ACC 463: Advanced Federal Income Taxation 3
Prerequisite: ACC 462. Exploration of federal income tax laws, rules, regulations, and court decisions applicable to partnerships, corporations, fiduciaries and international transactions and estate and gift transfer taxes.

ACC 480: Accounting Internship 3
Prerequisite: junior or senior classification and consent of dean. Off-campus, on-the-job employment related to the discipline of Accounting.

ACC 485: Advanced Accounting 3
Prerequisite: ACC 302. A comprehensive study of selected accounting problems, including foreign currency translation, partnerships, consolidated financial statements, and other current topics.

ACC 499: Independent Study in Accounting 3
Prerequisite: Senior classification and consent of the dean. Research and in-depth study of a particular accounting concept or problem under the guidance of a faculty member.

ADMINISTRATIVE SUPPORT SERVICES

ADM 100: Elementary Keyboarding 3
Basic keyboarding instruction as well as instruction in basic operating systems and word processing including the formatting of letters, tables, and manuscripts.

ADM 103: Intermediate Keyboarding 3
Prerequisite: Placement or successful completion of ADM 100. Emphasizes speed and control in keyboarding on electronic keyboard; includes business letters, business forms, tabulations, manuscripts, legal documents, and text-editing skills.

ADM 121: Introduction to Business 3
A study of the fundamental principles of business organization, finance, banking, credit management, marketing, advertising, and entrepreneurship.

ADM 222: Office Systems Procedures 3
Prerequisite: ADM 103. Combines skills of keyboarding, business calculations, accounting, and basic office procedures. Includes general use, medical, and legal office problems and procedures.

ADM 224: Information and Records Management 3
Principles of applying scientific control and utilizing information technology for creating, processing, and storing records. Involves data storage, retrieval, and presentation.

ADM 225: Spreadsheet Applications 3
Prerequisite: MAT 111. The application of computer spreadsheet software to mathematical, accounting, and basic statistical problems.

ADM 230: Document Processing 3
Experience is developed in the operation of common document processing systems. The course provides a knowledge base in the advanced operation of word processing and other document production procedures such as desktop publishing.

ADM 231: Information Processing 3
Prerequisite: ADM 230 or consent of instructor. Advanced course in information processing where students learn advanced operations associated with information processing systems, including document processing applications (e.g., electronic mail and web page development).

ADM 242: Office Management 3
Planning and directing the functional services of business and professional offices, including the office building, systems, layout, budgets, personnel, and control.

AIR FORCE STUDIES

(These classes are offered through the Air Force ROTC program at the University of Kentucky. Call 859/257-7115 for more information.)

AFS 111: Aerospace Studies I 1
Corequisite: AFS 112. A course designed to provide the student with a basic understanding of the nature and principles of war, national power, and Department of Defense role in the organization of national security. The student also develops leadership abilities by participating in a military organization, the cadet corps, which offers a wide variety of situations demanding effective leadership.

AFS 112: Leadership Laboratory I 1
Corequisite: AFS 111. A course designed for development of basic skills required to be a manager, including communications, human relations, and administration of equal opportunity. Credit will not be granted toward the hours requirements for the degree. Pass/fail only.

AFS 113: Aerospace Studies I 1
Prerequisite: AFS 111. A course designed to provide the student with a basic understanding of the contribution of aerospace power to the total U.S. strategic offensive and defensive military posture. The student also develops leadership abilities by participating in a military organization, the cadet corps, which offers a wide variety of situations demanding effective leadership.

AFS 114: Leadership Laboratory I 1
Corequisite: AFS 113. A course designed to develop managerial skills including superior/subordinate relationships, communications, customs and courtesies, basic drill movements and career progression requirements. Credit will not be granted toward the hours requirements for the degree. Pass/fail only.

AFS 211: Aerospace Studies II 1
Prerequisites: AFS 111, 113 or PAS approval; corequisite: AFS 212. Introduces the study of air power from a historical perspective; focuses on the development of air power into a primary element of national security. Leadership experience is continued through active participation in the cadet corps. (Lecture, one hour; leadership laboratory, one hour)

AFS 212: Leadership Laboratory II 1
Corequisite: AFS 211. A course designed for development of advanced skills required to be a manager/leader, including leadership styles, public speaking, group dynamics, motivation and preparation for field training. Credit will not be granted toward the hours requirements for the degree. Pass/fail only.

AFS 213: Aerospace Studies II 1
Prerequisites: AFS 111, 113 or PAS approval; corequisite: AFS 214. Provides a foundation for understanding how air power has been employed in military and non-military operations to support national objectives. Examines the changing mission of the defense establishment, with particular emphasis on the United States Air Force. Leadership experience is continued through participation in the cadet corps. (Lecture, one hour; leadership laboratory, one hour per week.)

AFS 214: Leadership Laboratory II 1
Corequisite: AFS 213. A continuation of AFS 213. A course designed to develop supervisory management skills to include communications, techniques of critique, social actions, personnel evaluation procedures, problem solving, role playing and field training preparation. Credit will not be granted toward the hours requirements for the degree.

AFS 311: Aerospace Studies III 3
Prerequisite: Acceptance into POC or approval of PAS; corequisite: AFS 312. A study of management functions with emphasis on the individual as a manager in an Air Force environment. Individual motivational and behavioral process, communication, and group dynamics are included to provide a foundation for the development of professional skills as an Air Force Officer. Students refine their leadership and managerial abilities by organizing and managing a quasi-military unit.

AFS 312: Leadership Laboratory IIIA 1
Corequisite: AFS 311. A course designed and focused on developing advanced leadership skills. Students fill the mid-level management function within the cadet corps. The course involved the planning and controlling of military activities of the cadet corps, and the preparation and presentation of briefings and other written and oral communications. Pass/fail only.

AFS 313: Aerospace Studies III 3
Prerequisite: AFS 311; corequisite: AFS 314. A study of leadership with specific emphasis on the Air Force leader. Includes theoretical, professional and communicative aspects. In addition, military justice and administrative law are discussed within the context of the military organization. Students continue to develop and refine their leadership abilities by organizing and managing a military unit, the cadet corps, which offers a variety of situations requiring effective leadership.

AFS 314: Leadership Laboratory III 1
Corequisite: AFS 313. Laboratory to accompany AFS 313. Pass/fail only.

AFS 395: Independent Aerospace Studies 2-6
Prerequisite: senior standing in the AFROTC Program and e.0 standing in Aerospace Studies. A study of an advanced problem on a subject area in aeronautical science under the guidance of a departmental staff member. One discussion per week; term paper is required. May not be repeated.

AFS 411: Aerospace Studies IVA 3
Prerequisite: AFS 313, or approval of PAS; corequisite: AFS 412. A study of the military profession, civil-military interaction, communicative skills, framework of defense policy, and formulation of defense strategy. Students refine their leadership abilities by organizing and managing a military unit, cadet corps, which offers a wide variety of situations requiring effective leadership.

AFS 412: Leadership Laboratory IVA 1
Corequisite: AFS 411. A course designed and focused on developing advanced leadership skills. Students fill the top level management function within the cadet corps. The course involves the planning and controlling of military activities of the cadet corps, and the preparation and presentation of briefings and other written and oral communications. The lab also includes practice of leadership techniques aimed at motivating and instructing cadets in the lower three levels. Pass/fail only. (Laboratory, two hours per week)

AFS 413: Aerospace Studies IVB 3
Prerequisite: AFS 411 or approval of PAS; corequisite: AFS 414. Continues the study of strategy and the management of conflict, formulation and implementation of U.S. defense policy, defense organization, and case studies in defense policy making. Students also refine their leadership abilities by organizing and managing a military unit, the cadet corps, which offers a wide variety of situations requiring effective leadership.

AFS 414: Leadership Laboratory IVB 1
Corequisite: AFS 413. A continuation of AFS 412. A course designed and focused on developing advanced leadership skills. Students fill the top level management function within the cadet corps. The course involves the planning and controlling of military activities of the cadet corps, and the preparation and presentation of briefings and other written and oral communications. The lab also includes practice of leadership techniques aimed at motivating and instructing cadets in the lower three levels. Pass/fail only. (Laboratory, two hours per week)

ARMY MILITARY STUDIES

(These classes are offered through the ARMY ROTC program at the University of Kentucky. Call 859/257-2696 for more information.)

AMS 101: Introduction to the Army 2
This introductory level course is designed to give students an appreciation for some of the skills necessary for today's leaders, including time management, map reading, basic rifle marksmanship, and squad tactics.

AMS 102: Introduction to Leadership 2
Introduces students to some of the fundamentals of leadership both in a military and civilian context. Continues the emphasis placed on individual skills to include map reading, first aid, weapons, and assessment of physical fitness.

AMS 211: Advanced Leadership I 2
Delves into theoretical and practical leadership instruction. Students examine aspects of communication and leadership concepts such as written and oral communication, effective listening, assertiveness, personality, adult development, motivation, and organization culture and change.

- AMS 212: Advanced Leadership II** 2
Focuses primarily on officership, providing an extensive examination of the unique roles and obligations of commissioned officers. Includes a detailed look at the origin of our institutional values and their practical application in decision making and leadership.
- AMS 205: Basic Camp Practicum** 3
Prerequisites: A student must be physically fit and have two years of college remaining. A six-week course conducted during the summer at Fort Knox, Kentucky. This course may be taken instead of AMS 101, 102, 201, and 202.
- AMS 301: Leadership and Management I** 3
Prerequisites: AMS 205 and consent of instructor. Course of study in development of basic skills required to function as a manager; study in leadership styles, group dynamics, communications, motivation, and military instruction methods.
- AMS 302: Advanced Tactics** 3
Prerequisites: AMS 205 or consent of instructor. Small-unit tactics and communications, organization and mission of combat arms units; leadership and the exercise of command.
- AMS 303: Advanced Camp Practicum** 3
Prerequisites: AMS 301 and 302. A five-week summer course held at Fort Lewis, Washington that focuses on practical exercises and leadership opportunities to foster growth and maturity and to develop effective performance techniques of tactical, technical and administrative duties.
- AMS 320: Advanced Studies in American Military History** 3
This course will furnish upper level UK ROTC cadets and qualified history majors or minors with the methodological tools and materials needed to gain a more detailed understanding of American military history.
- AMS 341: Leadership and Management II** 3
Prerequisites: AMS 301 and 302. Focuses on leadership development in the Army for prospective officers. Discussion of various Army policies and programs to include counseling, motivation, suicide prevention, sexual harassment, and equal opportunity.
- AMS 342: Command Management** 3
Prerequisites: AMS 301 and 302. Focuses on career development in the Army as a future officer, the military as a profession, ethics, leadership, and military justice. Other subject areas include joint military operations, maintenance operations, and supply operations.
- AMS 350: Military Science Laboratory** 1
A hands on practicum which exposes the student to the military skills required for basic technical and tactical competence as an Army officer. The course affords the student opportunities to develop and refine his/her leadership style and abilities under differing constraints and environments. Conducted two hours per week and one weekend exercise.
- AMS 395: Independent Study in Leadership** 1
Prerequisites: Completion of AMS 301, 302, 341, and 342 and consent of instructor. Students are under guidance and confer individually with faculty on approved tactic(s).

APPAREL RETAIL MARKETING

- ARM 101: Introduction to the Apparel Industry** 3
An introduction to the major segments of the apparel industry. Emphasis is on designers, textile and apparel manufacturers, retail stores, and auxiliary fashion businesses.
- ARM 212: Apparel Quality Analysis** 3
A study of the influence that design, textiles, and manufacturing techniques have on the performance, appearance, and quality of apparel and accessory products.
- ARM 221: Consumer Textiles** 3
A consumer oriented study of the basic components of textile products-fibers, yarns, fabric construction methods, coloration methods, and finishes.
- ARM 222: Advanced Textiles** 3
Prerequisite: ARM 221. An examination of the physical and chemical properties of textile products composed of natural and synthetic fibers. Includes basic textile testing procedures and laboratory projects.
- ARM 231: Visual Merchandising and Promotion** 3
An examination of the basic principles and categories of sales promotion activities with an emphasis on the design of visual merchandising components within retail stores.
- ARM 311: Appearance and Human Behavior** 3
An examination of the influence appearance has on individuals' social interactions and self-evaluations using a social psychological theoretical perspective.
- ARM 318: History of Costume** 3
A study of the development of the costumes of a variety of cultures throughout the world.
- ARM 337: Economics in the Apparel Industry** 3
Prerequisites: ADM 101 and ECO 201. An analysis of the forces that determine the role of the U.S. apparel and textile industry in the global economy.
- ARM 342: Fashion Buying *** 3
Prerequisites: ARM 101, ARM 337, MKT 301 and ECO 201. An examination of basic retail apparel buying principles and practices.
- ARM 410: Apparel Marketing Internship** 6
Prerequisites: Successful completion of the majority of course requirements and consent of instructor. An off-campus experience in which students work in a business setting which specializes in apparel, accessories, and/or textile products in order to apply what they have learned in the classroom to an actual work setting.
- ART**
- ART 101: Early Elementary Art** 3
Includes all aspects of teaching art in grades K-4: philosophies, methods, materials, and evaluations. Personal investigation of activities involving the two-dimensional materials is stressed.

- ART 102: Introduction to Arts and Crafts** 3
An introductory course in arts and crafts for non-Art majors. Diverse art media and processes are explored and basic concepts and vocabulary are introduced. Restricted to members of the Senior Citizens Center.
- ART 110: Basic Drawing I** 3
An introductory course with emphasis on developing visual acuity and fundamental drawing skills. Methods and materials relating to two-dimensional representation will be investigated.
- ART 112: Two-Dimensional Design** 3
An introduction to basic design elements and principles. Activities include the investigation of line, shape, value, color, and texture within the two-dimensional realm.
- ART 113: Three-Dimensional Design** 3
Prerequisite: ART 112. A continuation of ART 112 as it relates to the three-dimensional realm.
- ART 130: Introduction to Art** 3
Examines the nature of visual art experiences, formal and expressive characteristics of art, historical concepts and movements, and the relevance of art to one's life.
- ART 201: Art History Survey I *** 3
A survey lecture course designed to expose the student to the history of art from pre-historic times through the Middle Ages.
- ART 202: Art History Survey II *** 3
Prerequisite: ART 201. A continuation of ART 201 from the Renaissance through the Modern Period.
- ART 211: Basic Drawing II** 3
Prerequisite: ART 110. A continuation of ART 110. Emphasis on the rendering of the human form via contour, gesture, value, and weight drawing with various media.
- ART 220: Basic Painting I** 3
Prerequisites: ART 110 and 112. An introduction to the basic processes and materials of painting. Emphasis is placed on compositional factors.
- ART 240: Ceramics I** 3
Prerequisites: ART 110 and ART 113. An introduction to the basic processes and materials of ceramics. Emphasis is placed on handbuilding processes and principles of glazing and firing.
- ART 245: Weaving I** 3
Prerequisites: ART 110 and ART 113. Exploration of both loom- and finger-controlled weaving processes and an introduction to drafts.
- ART 300: Twentieth Century Art History** 3
A study of European and American art forms of the Twentieth Century.
- ART 302: Contemporary Art History** 3
Examination of the directions in the visual arts since 1955.
- ART 303/AAS 303: African-American Art History** 3
A course designed to reveal contributions and accomplishments of African-American artists and the influence of traditional early African art on art of the world.
- ART 304: Directions in American Art** 3
An examination of major directions in American Art of the Nineteenth and Twentieth centuries.
- ART 305: Digital Imaging I** 3
An introduction to digital imaging with primary emphasis on learning PhotoShop and Illustrator software in a Macintosh lab for both fine art and commercial applications.
- ART 306: Studio Arts** 3
A studio course that engages a concentration of contemporary art and non-traditional processes of art making.
- ART 307: Digital Photography I** 3
An introductory course in black-and-white photography using PhotoShop software in a Macintosh digital imaging computer lab, using archival printing techniques. Instruction will be balanced between aesthetic concerns and technical proficiency. Student must provide their own basic digital camera, at least 3 megapixels and SLR digital cameras will be available for checkout at times throughout the semester.
- ART 308: Introduction to Film I: Film Structure and Interpretation** 3
An examination of the "language" of film and interpretation of films within issues related to liberal studies courses.
- ART 309: Introduction to Film II: Topics in Film** 3
Topical issues and principles of film theory with changing topics, such as critical perspectives, views of history, the director.
- ART 310: Basic Drawing III** 3
Prerequisites: ART 110 and ART 112. An investigative approach to both the figurative and abstract levels. Personal visual expressions are encouraged.
- ART 315: Sculpture I** 3
Prerequisites: ART 110 and ART 113. An introduction to the basic constructive processes of sculpture, utilizing plaster, wire, wood and other related materials.
- ART 317: Printmaking I** 3
Prerequisites: ART 110 and ART 112. An introduction to the basic processes and materials of printmaking including monoprint, calligraphy, woodcut, serigraphy, and etching.
- ART 319: Elementary School Art** 3
A combination lecture-laboratory course which focuses upon all aspects of teaching art in the elementary school. This course is designed for art education majors.
- ART 321: Basic Painting II** 3
Prerequisite: ART 220. A continuation of ART 220 with emphasis on exploration of media and the expression of individual concepts.
- ART 340: Ceramics II** 3
Prerequisite: ART 240. Basic techniques of throwing on a potter's wheel; further study of clay bodies, glazing and firing principles are investigated.

ART 345: Weaving II 3

Prerequisite: ART 245. A continuation of activities introduced in ART 245 with an emphasis on draft weaving.

ART 360: Art Symposium 1

A course designed to acquaint students with concepts, media, and methods of the arts via discussions, guest speakers, multi-media presentations, and demonstrations. (May be repeated 5 times)

ART 400: Senior Seminar 1

Exploration of topics in contemporary art through research, discussion, and field trips. Art majors will prepare their Senior Art Exhibitions, document them with slides, and develop resumes.

ART 405: Digital Imaging II 3

Prerequisite: ART 305. A continuation of the development of concepts and skills introduced in ART 305 with emphasis on both commercial applications and the use of digital imaging in the production of fine art.

ART 407: Digital Photography II 3

Prerequisite: ART 307 or consent of instructor. An intermediate course in black-and-white photography, and introductory color, using PhotoShop software in a Macintosh digital imaging computer lab. Archival printing techniques and large format printing will be used. Instruction will be balanced between aesthetic concerns and technical proficiency. Students must provide their own basic digital camera, at least 3 megapixels, and SLR digital cameras will be available for checkout at times throughout the semester.

ART 415: Sculpture II 3

Prerequisite: ART 315. An introduction to the basic subtractive processes of sculpture, utilizing wood, stone, and other related materials.

ART 417: Printmaking II 3

Prerequisite: ART 317. A continuation of processes introduced in ART 317. Basic lithographic processes, serigraphy, and etching are also introduced.

ART 419: Methods and Materials for Teaching Art 3

A course which examines teaching and media for both elementary and secondary levels. Designed specifically for art education majors.

ART 420: Painting III 3

Prerequisite: ART 321. The expression of individual concepts in painting is encouraged. The appropriateness of materials to specific visual statements is studied.

ART 430-453: Problems in Art 3

These courses are designed to provide students advanced, individualized instruction in the art areas listed below.

ART 430: Problems in Drawing I
 ART 431: Problems in Drawing II
 ART 432: Problems in Drawing III
 ART 433: Problems in Painting I
 ART 434: Problems in Painting II
 ART 435: Problems in Painting III
 ART 436: Problems in Printmaking I
 ART 437: Problems in Printmaking II

ART 438: Problems in Printmaking III

ART 439: Problems in Ceramics I

ART 440: Problems in Ceramics II

ART 441: Problems in Ceramics III

ART 442: Problems in Sculpture I

ART 443: Problems in Sculpture II

ART 444: Problems in Sculpture III

ART 445: Problems in Weaving I

ART 446: Problems in Weaving II

ART 447: Problems in Weaving III

ART 448: Problems in Art History I

ART 449: Problems in Art History II

ART 450: Problems in Art History III

ART 451: Problems in Digital Photography I

ART 452: Problems in Digital Photography II

ART 453: Problems in Digital Photography III

AMERICAN SIGN LANGUAGE**ASL171: American Sign Language 3**

An introduction to the basic elements of the American sign Language System.

ASL 172: American Sign Language II 3

Prerequisite: ASL 171 or instructor's permission. A continuation of ASL 171 to enhance students' skills in using the ASL alphabet and numerals.

BIOLOGY**BIO 099: Fundamentals of Biology 3**

Designated to remove PCC deficiency in biology. It familiarizes students with the diversity, classification, ecology, evolution and conservation of living organisms. (Three hours of lecture per week) (Does not count toward any degree requirements.)

BIO 101: Life Science 3

A general study of biological concepts of living organisms. Emphasis is placed on cellular physiology, genetics, ecology, and evolution. (Two hours of lecture, two hours of laboratory per week)

BIO 107: Anatomy and Physiology I 4

Study of basic chemistry, biochemistry, cell structure and function, tissues, the integument, and the skeletal, muscle, and nervous systems. Required for Nursing majors. (Three hours of lecture, two hours of laboratory per week)

BIO 108: Anatomy and Physiology II 4

Prerequisite: C or better in BIO 107 or consent of instructor. A continuation of BIO 107 with emphasis on the endocrine, digestive, respiratory, circulatory, urinary, and reproductive systems. Required for Nursing majors. (Three hours of lecture, two hours of laboratory per week)

BIO 111: Principles of Biology 4

Analysis of fundamental concepts underlying and unifying living systems. Emphasis on major principles of cellular anatomy and physiology, reproduction and development, genetics, ecology, and evolution. (Three hours of lecture/discussion, two hours of laboratory per week)

BIO 112: Exploration of Modern Topics in Biology 3
Prerequisite: BIO 101 or BIO 111. Formal presentations and colloquia on biological topics of current interest. Concise overviews will be presented on the diversity of living systems, evolution, and life processes. (Three hours of lecture per week)

BIO 115: Freshman Biology Seminar 1
Prerequisites/Corequisites: BIO 111, BIO 101, or consent of instructor. A seminar exploring the variety of careers in the biological sciences and closely-related disciplines; led by faculty, visiting scientists and practitioners.

BIO 204: Fundamentals of Microbiology 3
Prerequisite: C or better in BIO 107 or recommendation of the Nursing Department. Emphasis on infection by microbes, the body's immune system, pathogens, and parasites. Required for Nursing majors. (Two hours of lecture, two hours of laboratory per week)

BIO 210: General Zoology 3
Prerequisite: BIO 111. Introduction to the animal world, including taxonomy and diversity of kind, morphological and physiological organization of representatives of various phyla; and evolutionary relationships among phyla. (Two hours of lecture, two hours of laboratory per week)

BIO 212: General Botany 3
Prerequisite: BIO 111. Introduction to the plant world, including taxonomy and diversity of kind, morphological and physiological organization in various divisions, and evolutionary relationships among divisions. (Two hours of lecture, two hours of laboratory per week)

BIO 220: Medical Terminology 2
Prerequisite: C or better in BIO 101, BIO 107, or BIO 111; or consent of instructor. Designed to review common terms used in the medical professions.

BIO 301: Human Anatomy 3
Prerequisite: BIO 101 or BIO 111. A study of the anatomical configuration of cells and tissues forming neural, muscular, renal, circulatory, respiratory, digestive, skeletal, and reproductive systems. (Two hours of lecture, two hours of laboratory per week)

BIO 302: General Microbiology 4
Prerequisite(s): BIO 111 and CHE 102 (concurrent), or consent of instructor. Morphology, classification, distribution, and physiology of bacteria, viruses, and other microorganisms in industry and the environment. Aseptic technique, staining, cultivation, identification, and control of bacteria. (Three hours of lecture, three hours of laboratory per week)

BIO 303: Human Physiology 4
Prerequisites: BIO 210 and CHE 102; PHY 207 and PHY 208 are recommended. Cells, tissues, organs, and systems in relation to each other and in coordination with contractility, conductivity, respiration, translocation of materials, and other problems in physiology. (Three hours of lecture, three hours of laboratory per week)

BIO 304: Vertebrate Embryology 4
Prerequisite: BIO 111 or consent of instructor. Study of morphological and developmental aspects of embryology,

including genetic and molecular mechanisms. The comparative developmental anatomy of the starfish, frog, chick, and mammals are studied. (Three hours of lecture, three hours of laboratory per week)

BIO 305: Comparative Vertebrate Anatomy 4
Prerequisite: BIO 210. Relationships of vertebrate groups and structure and significance of various organs and systems of typical vertebrates. Discussions of the history and habitats of various groups. (Two hours of lecture, four hours of laboratory per week)

BIO 307: Genetics 3
Prerequisites: BIO 111 and CHE 102. Laws and principles of heredity and variation of plants and animals with special reference to man. Evaluates biochemical, biometrical, cytological, and embryological aspects of genetics. (Two hours of lecture, two hours of laboratory per week)

BIO 308: Microtechniques and Histology 4
Prerequisite: BIO 111. A lecture/laboratory course dealing with microscopic anatomy of various tissues in the human body. Theories of microscopic techniques and tissue development are also discussed. (Three hours of lecture, three hours of laboratory per week)

BIO 309: Parasitology 4
Prerequisite: BIO 210 or consent of instructor. A study of epidemiology, pathology, diagnosis, and control of parasites of man and other animals. (Two hours of lecture and four hours of laboratory per week)

BIO 315: Immunology 3
Prerequisite: Consent of instructor. Immune system, immunoglobulin structure, antigenicity, antigen-antibody reactions, phylogeny of immune responses, and antibody formation. Immunity to bacterial and viral infections, allergies, and graft-host reactions. (Three hours of lecture/discussion/demonstration/laboratory per week)

BIO 316: Ecology 3
Prerequisite: BIO 111 or BIO 101, BIO 210, BIO 212, CHE 101, CHE 102. A study of the interrelationships of living organisms and their environment. This course draws from several disciplines and stresses concepts of modern ecology. (Three hours of lecture per week)

BIO 317: Medical Microbiology 4
Prerequisite: BIO 302. Lecture and laboratory work in pathogenic bacteriology, virology, mycology, and parasitology. Emphasis on etiology, epidemiology, identification, and clinical diagnosis of pathogens. (Three hours of lecture, three hours of laboratory per week)

BIO 318: Hematology 4
Prerequisite: Consent of instructor. A comprehensive study of the blood system, including the hematopoietic systems and disorders of the blood in humans. (Five hours of lecture/laboratory per week)

BIO 401: Biology Seminar * 1
Prerequisite: Upper-division standing; senior classification recommended. Expose students to presentations of biological research by faculty and visiting scientists and allows students to formally present a research topic. Students are required to

make a formal, oral presentation of a research topic with computer-generated audio-visual materials.

BIO 407: Fish Genetics 3
Prerequisite: Consent of instructor. An overview of fish genetics including basic principles and methods of selective breeding in aquaculture.

BIO 408: Cell Biology 4
Prerequisites: BIO 111 and CHE 302. Cell structure and chemistry as it relates to cell function. Biochemical and molecular aspects of cell functions are emphasized. (Three hours of lecture, three hours of laboratory per week)

BIO 409: Biostatistics 3
Prerequisite: Consent of instructor. Basic principles of experimental design and data analysis with emphasis on their applications in aquaculture research.

BIO 410: Special Problems in Biology 2
Prerequisite: Consent of instructor. A course in which advanced Biology students pursue an independent experimental or library research project. May be repeated once for credit.

BIO 411: Fish Diseases 4
Prerequisite: Consent of instructor. Clinical diagnosis of fish diseases; necropsy of diseased fish; and formulation of corrective measures for disease control. (Three hours of lecture, two hours of laboratory per week)

BIO 412: Fish Morphology & Physiology 4
Prerequisite: Consent of instructor. An overview of fish morphology and physiology with emphasis on comparative and adaptive aspects among Osteichthyes (true bony fish). (Three hours of lecture, two hours of laboratory per week)

BIO 415: Animal Behavior 3
Prerequisites: BIO 111 and BIO 210; BIO 316 recommended. This course examines the behavior of non-human animals from a physiological, ecological and evolutionary perspective. (Three hours of lecture per week)

BIO 417: Ecological Field Methods 4
Prerequisites: BIO 111, BIO 210, BIO 212, CHE 101, CHE 102; BIO 316 recommended.) Lecture, field and laboratory course emphasizing modern ecological field techniques. Compares quantitative and qualitative methods of sampling and interpreting data. (Two hours of lecture, four hours of laboratory per week)

BIO 421: Fish Nutrition 3
Prerequisite: Consent of instructor. Fundamental and applied aspects of fish nutrition including nutrient requirements, nutrient chemistry, ration formulation, and practical feeding will be taught. (Three hours of lecture per week)

BIO 422: Principles of Aquaculture 3
Introduction to principles underlying aquatic productivity and management with a survey of domestic and foreign cultures of fish and aquatic vertebrates.

BIO 425: Aquaculture Economics and Marketing 3

Prerequisites: MAT 120 or MAT 125 or consent of instructor. Aquaculture economics, marketing channels and consumer preferences for fish products will be presented.

BIO 427: Fish Reproduction & Spawning Techniques 4
An overview of basic biology of fish reproduction and techniques of artificial spawning for common aquaculture species. (Three hours of lecture, two hours of laboratory per week)

BIO 451: Survey of Production Methods 3
Prerequisite: BIO 422 or consent of instructor. An overview of alternative production methods including ponds, cages, net-pens, raceways, and recirculating systems with application to suitable species. (Three hours of lecture per week)

BIO 460: Water Quality Management 4
Prerequisite: Consent of instructor. A survey of theory and practice into the understanding and manipulation of the biological, chemical, and physical aspects of water quality in aquaculture production. (Three hours of lecture, two hours of laboratory per week)

BIO 490: Biological Practicum 12
Prerequisite: Consent of advisor. An on-the-job clinical practice (Clinical Laboratory Sciences).

BIO 491: Internship: Aquaculture 1-4
Prerequisite: Consent of advisor. Intensive experience involving practical on-site participation working at an aquaculture facility (University, state, or private).

BIO 493: Internship 1-4
Prerequisite: Consent of advisor. An intensive experience in a biological/medical field involving practical on-site participation.

BIO 495: Topics in Biology 3
Prerequisite: Senior status. This course requires intensive examination of a biological topic chosen by a faculty member in biology. Will involve intensive reading and discussion, as well as writing.

BIO 507: Fish Genetics 3
Prerequisite: Consent of instructor. An overview of fish genetics including basic principles and methods of selective breeding in aquaculture.

BIO 509: Biostatistics 3
Prerequisite: Consent of instructor. Basic principles of experimental design and data analysis with emphasis on their applications in aquaculture research.

BIO 511: Fish Diseases 4
Prerequisite: Consent of instructor. An in-depth study of clinical diagnosis of fish diseases; necropsy of diseased fish; and formulation of corrective measures for disease control. (Three hours of lecture, two hours of laboratory per week)

BIO 512: Fish Morphology & Physiology 4
Prerequisite: Consent of instructor. An overview of fish morphology and physiology with emphasis on comparative and adaptive aspects among Osteichthyes (true bony fish). (Three hours of lecture, two hours of laboratory per week)

BIO 521: Fish Nutrition 3

Prerequisite: Consent of instructor. A graduate approach to the study of fish nutrition including nutrient requirements, nutrient chemistry, ration formulation, and practical feeding. (Three hours of lecture per week)

BIO 522: Principles of Aquaculture 3
Introduction to principles underlying aquatic productivity and management with a survey of domestic and foreign cultures of fish and aquatic vertebrates.

BIO 525: Aquaculture Economics and Marketing 4
Prerequisite: Consent of instructor. Aquaculture economics, marketing channels and consumer preferences for fish products will be presented. (Three hours of lecture, two hours of laboratory per week)

BIO 527: Fish Reproduction & Spawning Techniques 4
An overview of basic biology of fish reproduction and techniques of artificial spawning for common aquaculture species. (Three hours of lecture, two hours of laboratory per week)

BIO 551: Survey of Production Methods 3
Prerequisite: Consent of instructor. An overview of alternative production methods including ponds, cages, net-pens, raceways, and recirculating systems with application to suitable species.

BIO 560: Water Quality Management 4
Prerequisite: Consent of instructor. A survey of theory and practice into the understanding and manipulation of the biological, chemical, and physical aspects of water quality in aquaculture production. (Three hours of lecture, two hours of laboratory per week)

BIO 591: Internship: Aquaculture 1-4
Prerequisite: Consent of instructor. Intensive experience involving practical on-site participation working at an aquaculture facility (University, state, or private) for graduate students.

BIO 600: Research Aquaculture 1-9
Laboratory or field research on approved thesis topic in aquaculture or related aquatic sciences.

BIO 601: Thesis 1/3
Preparation of research based thesis on approved topic.

BIO 699: Research and Thesis Completion 1-9
Prerequisite: Consent of aquaculture graduate student coordinator or major professor. This course is to permit the completion of research and thesis. Graded pass/fail.

BUSINESS ADMINISTRATION

BUA 101: Computer Applications in Business 3
A survey of business-application software with emphasis on the personal computer. The student learns word processing, electronic spreadsheets, data management, and business graphics.

BUA 204: Business Communication * 3

Prerequisites: ADM 100 or equivalent, ADM 230 or BUA 101, and ENG 102. Application of communication theory to business writings and oral presentations.

BUA 321: Legal Environment 3
A study of the American legal system; basic legal rules relating to torts, crimes, and contracts; and the regulatory environment in which businesses operate. Attention is given to ethical considerations affecting business and law.

BUA 322: Business Law 3
Prerequisite: BUA 321. A study of the law relating to sales, negotiable instruments, real and personal property, agency, partnerships, and corporations. Attention is given to ethical considerations affecting business and law.

BUA 330: Corporation Finance 3
Prerequisites: ACC 202 and ECO 202. Overview of financial principles and functions with applications to corporate financial management. Emphasis is placed on working capital management, capital budgeting, risk and financial analysis.

BUA 421: Cases in Financial Management 3
Prerequisite: BUA 330. This course will expose students to the application of analytical techniques used by financial managers of business enterprises.

BUA 430: Investments 3
Prerequisite: BUA 330. Characteristics of bonds, stocks, other investment materials, securities markets, and investments banking are studied. Consideration is given to the sources of investment information and the analysis of securities.

BUA 440: Personal Financial Planning 3
Prerequisite: Consent of instructor. Overview of budgeting, risk management, investment basics, taxes, retirement planning and estate planning.

BUA 480: Finance Internship 3
Prerequisite: junior or senior classification and consent of dean. Off-campus on-the-job employment related to the discipline of Finance.

BUA 499: Independent Study in Business Administration 3
Prerequisite: Senior classification and consent of the dean. Research and in-depth study of a particular business administration concept or problem under the guidance of a faculty member.

CHILD DEVELOPMENT AND FAMILY RELATIONS

CDF 101: Introduction to Early Childhood Education 3
Examines various program models and philosophies of early childhood education and includes a basic introduction to the overall needs of young children. (Lecture, field trips, and observation)

CDF 102: Family Development * 3
Examines the stages of the family life cycle and interpersonal relationships among family members. (Lecture and discussion)

CDF 203: Child Development I 3

This course examines the physical, mental, social, and emotional growth of a child from conception through age three. Providing quality care and education of infants and toddlers. (Lecture and observation)

CDF 204: Child Development II 3

Prerequisite: CDF 203. A lecture/observation course designed for child development and early education (K-4) majors which examines the physical, cognitive, social, and emotional growth of the child from age four through eight years. (Lecture and observation)

CDF 206: Music, Games and Creative Experiences for Young Children 3

Prerequisite: CDF 204. Study of the creative process and imagination of young children. Appropriate procedures for the establishment of a climate conducive to creativity in preschool learning environments.

CDF 305: Materials and Methods in Early Childhood Education 3

Prerequisites: CDF 203 and CDF 204. A study of content, methods, and materials for teaching young children in a group setting.

CDF 315: Child Guidance 3

Prerequisites: CDF 203 and CDF 204. Intense study of child development theories and guidance techniques. (Two hours lecture and two hours laboratory)

CDF 316: Teacher's Role in Family/School Relations 3

A study of current principles and practices and the analysis of factors which enhance the teacher's role in family/school relations. (Lecture and report-writing)

CDF 318: Assessment of Young Children 3

Prerequisites: Junior classification or consent of instructor. A study and application of various assessment instruments and evaluative techniques utilized in determining the needs of children birth through five years.

CDF 407: Advanced Practicum in Early Childhood Programs I 3

Prerequisite: Consent of instructor. Supervised practicum in the Early Childhood Learning Center. (Eight hours laboratory, one hour lecture)

CDF 408: Advanced Practicum in Early Childhood Programs II 3

Prerequisite: Consent of instructor. Supervised practicum in the Early Childhood Learning Center. (Eight hours laboratory, one hour lecture)

CDF 409: Organization and Administration of Early Childhood Education Programs 3

Prerequisite: Consent of instructor. Organization and administration of early childhood education programs including housing, equipment, programs, records, and parent involvement.

CDF 420: Parent Education * 3

Study and application of various principles and techniques useful in working with parents of preschool through adolescent children.

CDF 421: Cultural Diversity in American Child/Family 3

Exploratory study of cultural aspects, value system, family, social and economic roles of various races and ethnic groups in the American Society.

CHEMISTRY

CHE 099: Introductory Chemistry 3

Required of all freshmen who are pre-college curriculum (PCC) deficient in chemistry. This course will prepare the student with the fundamentals of chemistry. (Does not count toward any degree requirements)

CHE 101: General Chemistry I 3

Prerequisite/Corequisite: MAT 115 or consent of instructor. Introduction to units of scientific measurement, atomic structure, nomenclature, the mole concept, stoichiometry. Introduction to chemical reactions, calculations with chemical equations and formulas, the gas laws, thermochemistry, introduction to quantum theory of the atom and chemical periodicity. (Three hours of lecture per week)

CHE 102: General Chemistry II 3

Prerequisite: CHE 101 or equivalent. This course is a continuation of CHE 101. Topics include structure and bonding, states and properties of matter, chemical kinetics, chemical equilibria, acid-base theory, complex ion equilibria, electrochemistry and nuclear chemistry. (Three hours of lecture per week)

CHE 109: Survey of General Chemistry 3

Basic principles of general chemistry for students in home economics, nursing, industrial arts, and in other fields. (Four hours of lecture per week)

CHE 110: General Chemistry I Lab 1

Prerequisite/Corequisite: CHE 101. Practical methods of measurements and the accuracy. Experimental investigations of common chemical reactions. Quantitative aspects of chemical reactions. Experimental aspects of other selected concepts of CHE 101. (Three hours of lab per week)

CHE 120: General Chemistry II Lab 1

Prerequisites/Corequisite: CHE 102. Elementary statistical analysis and molecular modeling. Experimental aspects of properties of matter, chemical kinetics, chemical equilibria, acid-base theory, complex ion equilibria and electrochemistry. (Three hours of laboratory per week)

CHE 200: Introductory Organic Chemistry 4

Prerequisite: CHE 102 or CHE 109. Nomenclature, structure, stereochemistry, and reactivity of basic organic compounds. Emphasis on functional groups commonly found in biologically active compounds. (Four hours of lecture per week)

CHE 301: Organic Chemistry I 3

Prerequisite: CHE 102. Isomerism in organic molecules, reactivity of hydrocarbons, alkyl halides, free radicals, alcohols, ethers and related compounds. Introduction to reaction mechanisms. Introduction to instrumental methods (NMR, IR). (Three hours of lecture per week)

CHE 302: Organic Chemistry II 3

Prerequisite: CHE 301. A continuation of CHE 301 exploring the reactivity of unsaturated hydrocarbons, carbonyl compounds, and amines. Multistep synthesis of organic molecules with acquired reaction knowledge. Use of Instrumental methods (NMR, IR, MS, and UV-vis) to characterize organic compounds. (Three hours of lecture per week)

CHE 303: Quantitative Analysis 4

Prerequisite: CHE 102. Fundamental theory and practice of volumetric, gravimetric, and electrochemical analysis. Preparation of standard solutions and analysis of salts, alloys, and ores. (Two hours of lecture, four hours of laboratory per week)

CHE 310: Organic Chemistry I Lab 1

Prerequisite/Corequisite: CHE 301. Purification, separation (including TLC, GC), and characterization of organic compounds. (Three hours of laboratory per week)

CHE 315: Biochemistry 3

Prerequisite: CHE 200 or CHE 302. Introduction to amino acids, proteins, buffers, enzymes, nucleic acids, carbohydrates, lipids and other biomolecules. Introduction to the metabolism of carbohydrates, lipids and nitrogen-containing molecules. (Three hours of lecture per week)

CHE 320: Organic Chemistry II Lab 1

Prerequisite/Corequisite: CHE 302. Use of the methods of separation and synthesis learned in CHE 310 to prepare new compounds. Compounds are characterized by instrumental methods (GC, IR, NMR) and TLC, along with other methods. (Three hours of laboratory per week)

CHE 350: Biochemistry Lab 1

Prerequisite/Corequisite: CHE 315. Experiments with buffers and enzymes. Properties and digestion reactions of carbohydrates, lipids and proteins. HPLC and other methods of separation and purification of compounds. (Three hours of laboratory per week)

CHE 401: Undergraduate Research * 1-4

Prerequisite: Consent of instructor. This course is designed to give chemistry majors an opportunity to conduct independent research, using techniques in synthesis, analysis, and applications of basic chemical theory. A formal oral presentation of the findings of the student's project is required. May be repeated for credit.

CHE 402: Chemistry Seminar * 1

Prerequisite: Consent of instructor. Students will undertake a review of the chemical literature and give an oral presentation on a specific topic at the end of their course.

CHE 407: Physical Chemistry I 4

Prerequisite: CHE 303 and MAT 132. Introduction to the theory and application of thermodynamics, molecular kinetics, and chemical kinetics. (Three hours of lecture, three hours of laboratory per week)

CHE 408: Physical Chemistry II 4

Prerequisite: CHE 407. A continuation of CHE 407. Introduction to quantum mechanics, statistical mechanics, and molecular spectroscopy. (Three hours of lecture, three hours of laboratory per week)

CHE 412: Inorganic Chemistry 4

Prerequisites: CHE 101 and CHE 102. Quantum theory of polyatomic systems, introduction to group theory, theories on bonding and structure, introduction to coordination chemistry and the chemistry of Transition Elements, inorganic reaction mechanisms, acid-base theories, inorganic reactions in non-aqueous media. (Four hours of lecture per week)

CHE 414: Instrumental Analysis 4

Prerequisite: CHE 303. Theory and modern methods of instrumental analysis, with emphasis on spectrophotometric, chromatographic, and electroanalytical techniques. (Two hours of lecture, four hours of laboratory per week)

CRIMINAL JUSTICE

CJE 101: Introduction to Criminal Justice 3

A survey course designed to study the criminal justice process. An analysis of local, state, and federal law enforcement agencies, court, and correctional agencies.

CJE 103: Introduction to Criminal Law 3

Prerequisite: CJE 101 or consent of instructor. The study of the development and history of criminal laws in the United States emphasizing the structure, definitions, and interpretations of criminal statutes.

CJE 200: Police Systems 3

Prerequisite: CJE 101 or consent of instructor. The study of the history and development of federal, state, and local law enforcement agencies and current issues in law enforcement.

CJE 201: Criminal Investigation 3

Prerequisite: CJE 101 or consent of instructor. An introduction to the techniques and methods used by police investigators. Attention is given to crime scene protection, collection, preservation, and identification of physical evidence.

CJE 202: Police Patrol and Services 3

Prerequisite: CJE 101 or consent of instructor. The study of patrol function as viewed from the individual, supervisory, and organizational levels, including responsibilities, techniques and methods of patrol.

CJE 203: Criminal Procedure 3

Prerequisite: CJE 103 or consent of instructor. The study of pre-trial, trial, and post-trial procedures and their rationales. An analysis of positive and negative implications and/or consequences of the legal process.

CJE 204: Criminal Evidence 3

Prerequisite: CJE 203 or consent of instructor. The study of the rules of evidence with particular emphasis on preparing and presenting evidence. Includes admissibility requirements, burden of proof, testimonial privileges, and hearsay evidence.

CJE 205: Introduction to Corrections 3

Prerequisite: CJE 203 or consent of instructor. The study of the correctional process, including jails, prisons, probation and parole. Emphasis is on an analysis of correctional theory and practice.

CJE 208: Private Security 3

The study of the historical and philosophical development of private security. Emphasis is placed on responsibilities and legal problems of private agencies.

CJE 210: Community Relations and Criminal Justice 3
Prerequisite: CJE 200 or consent of instructor. The study of the relationship of the community to law enforcement, correctional institutions, and other criminal justice agencies. Emphasizes techniques for conflict resolution.

CJE 303: Constitutional Issues I 3
Prerequisite: CJE 204 or consent of instructor. The study of the United States Constitution and analysis of U.S. Supreme Court decisions stemming from the First, Fourth, Fifth, and Sixth Amendments.

CJE 304: Constitutional Issues II 3
Prerequisite: CJE 303 or consent of instructor. A continuation of CJE 303. An examination of Supreme U.S. Court decisions stemming from the Sixth, Eighth, and Fourteenth Amendments.

CJE 316: Principles of Victimology 3
Prerequisites: CJE 204 and PSY 200 or consent of instructor. Study of crime, its victims, and their relationship to the criminal justice process. Emphasizes psychological, financial, and medical needs and problems of the victim.

CJE 390: Criminal Justice Internship 3
Prerequisites: CJE 103 and CJE 205 or consent of instructor. A supervised placement in a criminal justice agency which enables students to obtain practical experience in a criminal justice setting.

CJE/SOW 400: Statistics for Criminal Justice 3
Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in criminal justice with an emphasis on applied methods.

CJE/SOW 401: Criminal Justice Research Study 3
Prerequisite: Consent of instructor. An in-depth research effort in the field of criminal justice. May be a group or individual effort. Restricted to CJE majors and minors who possess a minimum GPA of 3.0.

CJE 404: Institutional Corrections 3
Prerequisite: CJE 205 or consent of instructor. The study of prison process. Emphasis is placed on inmate-staff relationships, security procedures, and treatment procedures in prison.

CJE 405: Community Corrections 3
Prerequisites: CJE 205, CJE 304, and SOC 343; or consent of instructor. History and philosophy of probation, parole, and community-based correctional programs. Emphasizes methods of treating offenders, decision making, and community reintegration process.

CJE 407: Criminal Justice Administration I * 3
Prerequisite: CJE 304 or consent of instructor. The study of the principles of organization, administration, and function of criminal justice agencies, including law enforcement agencies, the courts, and correctional agencies.

CJE 408: Criminal Justice Administration II 3

Prerequisite: CJE 407 or consent of instructor. A continuation of CJE 407. An examination of management approaches and problems in criminal justice, including the examination of planning and evaluation techniques and use of information systems.

CJE 409: Seminar in Criminal Justice 3
Prerequisite: CJE 407 or consent of instructor. The study of special issues in criminal justice. Special emphasis is placed upon solutions to particular administrative problems.

CREDIT FOR LIFE EXPERIENCE

CLE 299: Portfolio Development 3
Prerequisites: ENG 101, MAT 111, and consent of instructor. Required course for all students seeking credit through assessment of educationally valid life experiences. Instructs students in developing documented portfolio of non-sponsored, prior experiential learning. Graded Pass/Fail.

COOPERATIVE EDUCATION

COE 291: Cooperative Education I 3-12
Prerequisites: 30 semester credit hours of course work and consent of advisor. Work experience opportunity in a field related to student's academic interests. Graded Pass/Fail except for internship required for major. (Hours arranged)

COE 391: Cooperative Education II 3-12
Prerequisites: One semester of Cooperative Education work experience and consent of advisor. Work experience opportunity in a field related to student's academic interests. Graded Pass/Fail except for internship required for major. (Hours arranged)

COE 491: Cooperative Education III 3-12
Prerequisites: Two semesters of Cooperative Education work experience and consent of advisor. Work experience opportunity in a field related to student's academic interests. Graded Pass/Fail except for internship required for major. (Hours arranged)

COMMUNICATION

COM 205: Mass Media and Society 3
Prerequisite: SPE 103. The societal impact of mass media in terms of information, entertainment, and other types of programming. Basic theory relative to criticism and demographics is stressed.

COM 206: Audio Production 3
Prerequisite: COM 205. A study of audio production techniques and the use of audio boards, microphones, tape decks, cartridge tapes, and the recording and editing of tapes.

COM 210: Introduction to Mass Communication 3
An introduction to mass communication concepts, theory and innovations. An understanding of mass media as an industry profit-making business, and agent for social change.

COM 215: Mass Communication and Society 3
Prerequisite: SPE 103. An introduction to mass communication concepts, theory, and innovations which includes study of the societal impact of mass media.

COM 225: Radio Production/Programming 3
Prerequisite: COM 205. Provides experience in radio production and operating practices, relationship of these experiences to the commercial, educational, and aesthetic requirements of the broadcasting industry.

COM 308: Radio-Television Advertising and Sales 3
Prerequisite: COM 205. Focus on the problems of broadcast advertising and the nation's economy. Includes designing of the broadcast commercial message and the foundations for effective time buying.

COM 333: Radio-Television News and Special Programs 3
Prerequisite: COM 206. Writing news for electronic dissemination. Students learn how to gather, write, and visualize news for radio or television.

COM 364: Desktop/Web Publishing 3
Prerequisites: ENG 361 and ART 307 or consent of instructor. Instruction in using desktop publishing programs to produce newsletters and flyers and using HTML editor programs and FTP clients to publish materials on the Internet.

COM 400: Radio-Television Audiences and Programming 3
Prerequisite: COM 225. Provides opportunities for the student to become familiar with the techniques of creating programs, program schedules, demographic analyses, and policies and procedures of station operation.

COMPUTER SCIENCE

COS 100: Introduction to Computers 3
Introductory survey of the concepts and terminology of computer hardware and software integrated with significant computer laboratory experience. Includes hardware organization, operating systems, and skill development projects in word processing, spreadsheet and database applications.

COS 101: Programming in Visual BASIC 3
An introduction to structured programming using Visual BASIC as a programming language. Focus on problem-solving techniques using flow charting, input, output, and basic file handling routines, mathematical computation, string handling, decision and repetition structures.

COS 107: Problem Solving, Logic & Design 3
This freshman-level course is the first required course for entering Computer Science majors. It is designed to prepare students with the basic foundations of computer concepts, computer terminology, problem solving using flowcharts, writing and reading pseudo-code, structure charts and algorithmic development. No programming language knowledge is required or used in this course.

COS 108: Principles of Computer Science I 4
Prerequisites: COS 107, ENG 101 and MAT 115, each passed with a grade of "C" or better, or consent of divisional chair. An introduction to the foundations of Computer Science that incorporates the study of computer architecture, data representation, organization and storage, algorithm development and structured programming using C++ as a design tool. (Four hours of lecture/lab per week.)

COS 109: Principles of Computer Science II 4

Prerequisite: COS 108 passed with a grade of "C" or better. A continuation of COS 108 with an extensive study of C++ in the manipulation of arrays, strings, record structure and files. (Four hours of lecture/lab per week.)

COS 121: Computer Concepts 1
This computer literacy course introduces the students to computer terminology about computer hardware, software and various areas related to computers such as Email, Internet, World Wide Web, networking, input, output and storage devices; and computer ethics and crimes.

COS 122: Introduction to Operating Systems 1
This course introduces the Windows operating system and underlying DOS commands. Students will learn about customizing windows, add and delete hardware devices, install/uninstall software programs, managing/customizing folders, files and disk, shortcuts, displaying properties, and using control panel.

COS 123: Introduction to Word 1
Students will learn to create simple documents with various editing commands, and to prepare professional looking documents, reports, flyers, and posters. They will gain knowledge of creating tables, indexes, cross references, tables of content with dot leader, newspaper columns, merge mail, label/envelope printing, macros, and much more.

COS 124: Introduction to Excel 1
Students will learn to create simple spreadsheets with various editing commands, and to apply simple math functions, statistical formulas, financial, and database functions. They will learn to draw and interpret pi, line, bar, and stacked graph charts, and will learn about macros.

COS 125: Introduction to Access 1
This database program enables the user to enter, store, analyze, and present data. The students will learn about formatting the database, sorting, finding records using search pattern, filters, creating and generating simple reports, etc., along with other database application features.

COS 126: Introduction to PowerPoint 1
This presentation/graphics program enables the user to create on-screen presentations, web presentations, overhead transparencies, and 35 mm slides. Students will learn how to produce informative and attractive presentations and will learn to create effective presentations using slide transition, animation, graphical objects, and audio/video components.

COS 127: Introduction to Web Design using HTML 1
The students will learn about various HTML tags and their use for creating simple, attractive web pages. The pages will contain, animation, graphics, audio and video and other normal features used in web pages.

COS 128: Introduction to Web Design using FrontPage 1
The students will use FrontPage to create simple, attractive web pages. The pages will contain, animation, graphics, audio and video and other normal features used in the web pages.

COS 129: Introduction to JavaScripts 1
The students will create applets using JavaScript and will design professional looking web pages with scrolling banners,

changing text/graphics with mouse over features, shopping cart, forms, etc.

COS 180: Advanced Programming in Visual BASIC 3
Prerequisite: COS 101 passed with a grade of "C" or better, or consent of instructor. A continuation of COS 101. The course includes topics such as table handling, advanced string manipulation, file processing, sorting, and search routines in Visual BASIC.

COS 200: Computer Information Systems 3
Prerequisite: COS 101 or COS 108 passed with a grade of "C" or better; or consent of instructor. Overview of computer-based information systems, major models, applications and functions from a computer hardware and software perspective. Emphasis on implementation techniques in organizing data and information, manipulating files and databases, and data transmission systems.

COS 230: Programming in COBOL 3
Prerequisite: COS 101 or 108 passed with a grade of "C" or better, or consent of instructor. A study of COBOL syntax and its applications in business programming. Includes structured program design, data types, input/output formats, control statements, arithmetic operations, control break processing, debugging, and program maintenance techniques.

COS 240: File Processing 3
Prerequisite: COS 230 passed with a grade of "C" or better. A continuation of COS 230. Topics studied include table usage, sorting, merging, report writing, and maintenance of sequential, indexed, and relative files in COBOL. Programs utilize subprograms and source library routines.

COS 250: Advanced Programming Techniques 3
Prerequisite: COS 109 or 240 passed with a grade of "C" or better, or consent of instructor. Broadens and deepens skills and strategies in aspects of programming and software development which are currently being used in professional computing environments using an emerging state of the art language as a programming tool.

COS 300: Systems Design and Development * 3
Prerequisite: COS 240 passed with a grade of "C" or better. A study of computer systems design and development techniques. Includes the software life-cycle, project planning, requirements analysis, specification development techniques, structured design methods, software validation, and quality assurance.

COS 301: Computer Organization 4
Prerequisite: COS 109 passed with a grade of "C" or better. A detailed study of the organization and structuring of the major hardware components of a computer. The fundamentals of machine language, number systems, the mechanics of data transfer and control, and numerical computation using an assembler language as a tool are also studied.

COS 302: Operating Systems 3
Prerequisite: COS 301 passed with a grade of "C" or better. An overview of the concepts and theories that underlie operating systems including: process and memory management strategies, file systems and protection, scheduling algorithms, multi-programming, distributed systems, and virtual memory.

COS 310: Discrete Computing Structures 3
Prerequisites: COS 109 and MAT 115, both passed with a grade of "C" or better. Introduces the main structures underlying Computer Science, including matrices, graphs, automata, Turing machines, and formal grammar.

COS 340: Data Structure and Algorithm Analysis 3
Prerequisite: COS 310 passed with a grade of "C" or better. A more advanced study of the complex discrete data structures explored in COS 310. Algorithms manipulating these structures are implemented in C++; their run times are empirically and analytically established and compared against a background of computational complexity theory and time-space tradeoff.

COS 350: Organization of Programming Languages 3
Prerequisites: COS 109 or 240 and 301 passed with a grade of "C" or better. A comparative analysis of programming language constructs used in major programming languages. Students study the historical development of programming languages, BNF context-free grammars, language evaluation criteria, and the implementation of data types, control structures, and operators. Students are expected to complete assignments in two programming languages.

COS 360: Introduction to Compilers 3
Prerequisite: COS 340 passed with a grade of "C" or better. Introduces the basic structure of compilers, and lexical analyzers. Regular expressions, finite-state machines, context-free grammars, and parsing are also studied.

COS 400: Systems Design and Development II 3
Prerequisites: COS 300 passed with a grade of "C" or better and/or consent of instructor. Detailed study of design and development of distributed information systems, particularly those implemented in advanced communication environments. Focus on object-oriented methods with demonstration projects. In-depth review of software validation and verification, and quality assurance. Team and individual presentations of projects.

COS 410: Database Management Systems * 3
Prerequisite: COS 300 passed with a grade of "C" or better. Detailed study of major database concepts and dominant models. Focus on hierarchical, relational, and network systems as they are implemented in current database management systems. Students apply knowledge to design and build a database management program.

COS 415: Distributed Databases – Advanced DBMS 3
Prerequisites: COS 410 and courses in Networking and Web development. Detailed study of design and development of distributed database systems, particularly those implemented in advanced communication environments, such as wide-area networks and internets. Studying usage models such as OODB, EDI, OLTP, EML, Data Mining and Data Warehousing.

COS 420: Algorithms 3
Prerequisites: COS 310 and COS 340, both passed with a grade of "C" or better. Techniques of analyzing, developing, and implementing algorithms are presented. Examples of algorithms from sorting, set manipulation, and graphs; computational complexity and np-completeness are implemented in appropriate languages.

COS 460: Artificial Intelligence 3
Prerequisite: COS 340 passed with a grade of "C" or better. Introduction to the problems, techniques, and theoretical foundations and limitations of Artificial Intelligence.

COS 470: Networking and Telecommunications 3
Prerequisites: COS 302 and 340, both passed with a grade of "C" or better. Overview of telecommunications systems and computer components employed in transmission of data in local and wide area networks. Issues relating to network analysis and management are explored.

COS 490: Seminar in Computer Science * 3
Prerequisites: Senior major or minor in Computer Science. Must have a grade of "C" or better in all Computer Science courses. Important and timely problems in Computer Science are researched with findings, results, and conclusions presented in seminar discussion settings. (May be repeated four times for credit.)

COS 497: Independent Study in Computer Science 3
Prerequisites: senior classification and consent of instructor. Research and in-depth study of a particular computer science topic or problem under the supervision of a Computer Science faculty member.

COS 498: Internship in Computer Science 3
Prerequisites: junior or senior classification and consent of Computer Science chairperson. This course can be taken for on- or off-campus employment related to the computer science discipline. The student must demonstrate that the experience gained on the job is at least equivalent to the material learned in a typical class. May be repeated twice for credit. Graded pass/fail.

COS 499: Special Topics in Computer Science 3
Prerequisite: permission of the instructor. This course may have a different topic relevant to the computer science field each time it is offered. The purpose of the course is to gain knowledge in current areas of this ever-changing field. The course may be repeated four times for credit.

ECONOMICS

ECO 200: Survey of Economics 3
A basic survey of economic principles involved in microeconomics and macroeconomics. This course is offered to non-Business majors.

ECO 201: Principles of Economics I 3
The basic principles of microeconomics are examined and an overview of the American economy. Market structure, income distribution, general equilibrium, and welfare economics are considered.

ECO 202: Principles of Economics II 3

Prerequisite: ECO 201. The basic principles of macroeconomics explore both the private and public sectors. National income determination, money and banking, economic growth, and international economics are considered.

ECO 301: Microeconomics 3
Prerequisite: ECO 201. Intensive study of economic analysis of consumption, output, price, and factor proportion problems and forms of decision making in different market structures.

ECO 302: Macroeconomics 3
Prerequisite: ECO 201. Static and dynamic theories of aggregate economics, the measurement of economic activity, determination of national income and growth, and the control of economic activity.

ECO 311: Business Statistics I 3
Prerequisite: MAT 125. Focus on measurement of central tendencies, probability concepts, sampling distribution, appreciation of statistical estimates, and hypothesis testing in uncertain situations.

ECO 312: Business Statistics II 3
Prerequisite: ECO 311. The study of regression and correlation analysis, time series analysis and forecasting, Chi-square, and analysis of variance.

ECO 321: Quantitative Methods of Decision Making 3
Prerequisites: MAT 125 and ECO 311. Various quantitative models involving matrix algebra, calculus, and functions are studied. The use of linear programming in business decisions is emphasized.

ECO 329: International Economics 3
Prerequisite: ECO 202. Description and analysis of the international economic relationships among the nations of the world with emphasis on the United States and international trade.

ECO 411: Money and Banking 3
Prerequisite: BUA 330, ECO 202. A study of monetary and banking systems in the United States. Highlighted are the roles of the Federal Reserve System and current monetary problems.

ECO 420: History of Economic Thought 3
Prerequisite: ECO 202. The evolution of economic ideas and concepts from ancient times to the present. A study is made of the major contributions of principal economic scholars.

ECO 424: Labor Economics 3
Prerequisite: ECO 202. A study of employment, labor markets, and the labor movement. Studied are theories of wage rate determinations, unemployment, human resource policy, worker's compensation, and industrial disputes.

ECO 425: Comparative Economic Systems 3
Prerequisite: ECO 202. A study of the ideologies and functioning of capitalism, communism, and socialism, and how various economic principles and theories apply under these systems.

ECO 470: Students in Free Enterprise (SIFE) 1-3

Prerequisite: junior or senior status and consent of dean. Student outreach to the community; teaching them the principles of economics and free enterprise.

ECO 480: Economics Internship 3

Prerequisite: junior or senior classification and consent of dean. Off campus on-the-job employment related to the discipline of Economics.

ECO 499: Independent Study in Economics 3

Prerequisites: Senior classification and consent of the dean. Research and in-depth study of a particular economic concept or problem under the direction of a faculty member.

EDUCATION

EDU 202: Foundations of Teaching & Education 3

Prerequisites: C or above in ENG 101 and 102. Introductory course that presents a framework on which to build a solid foundation that deals with the critical role of the teacher in American education. Successful completion required for admission to Teacher Education Program. Daytime field hours required at local schools. (Merger of EDU 294 and EDU 324)

EDU 203: Microcomputers and Media in the Classroom 3

Knowledge and skill development in the use of microcomputers and media in the classroom. Focus on computer literacy, application, and equipment operation. Successful completion required for admission to Teacher Education Program. Field work required. (Formerly EDU 325)

EDU 302: Child and Adolescent Development 3

Prerequisite: Admission to Teacher Education Program. Stage approach toward physical, cognitive, and social-emotional development of individuals from birth through adolescence. Applies theories, research, cultural factors, and risk and protective factors to the study of student learning. Day-time field hours required at Rosenwald and local schools. (Replaces EDU 221)

EDU 303: Educational Assessment and Evaluation 3

Prerequisite: Admission to Teacher Education Program. This course is designed to teach procedures for authentically assessing and enhancing student learning (P-12). Students will learn to design, administer, and interpret a variety of assessment measures. Deals with concepts of validity, reliability, norms, standard scores, legal and ethical issues. Field hours required in local schools. (Replaces EDU 402)

EDU 304: Classroom and Learning Management 3

Prerequisite: Admission to Teacher Education Program. Practical, ecological approaches toward classroom organization and arrangement, rules and procedures, planning, student self-regulation, communication, assessing and solving problems. Investigates theories, research, school safety, and diversity issues pertaining to each area of management. Day time field hours required in local schools.

EDU 310: Introduction to Exceptional Education 3

Prerequisite: Admission to Teacher Education Program. Survey of major areas of exceptionality. A study of principles and practices for mainstreaming children with exceptionalities in regular classrooms. Field work required.

EDU 311: Legal and Parental Issues in Special Education 3

Prerequisite: EDU 310. A review of pertinent legislation concerning human and constitutional rights and parental issues related to individuals with disabilities.

EDU 312: Teaching Reading in Elementary School 3

Prerequisite: Admission to Teacher Education Program. A study of the current theory, assessment, materials, methods of teaching reading in the elementary school (P-5). Emphasis is on teaching reading through a balanced literacy approach or a balance of teaching reading and writing. Field work required.

EDU 316: Early Childhood Education of the Handicapped 3

Prerequisite: EDU 310. Overview of Early Childhood Education of the handicapped with discussions of historical and empirical support for providing early intervention services, screening assessment, instructional programming, family involvement, and service delivery models.

EDU 318: Special Education Practicum 3

Prerequisite: Admission to Teacher Education Program. Supervised field experience in more than one setting to prepare students to become teachers of handicapped children during early childhood.

EDU 401: Behavior Management and Instruction for Exceptional Learners 3

Prerequisite: EDU 316. The supervised pre-student teaching experiences with children, identified as exceptional learners, will afford students the opportunity to be mentored by an experienced teacher, as well as observe and work with students in "real life" educational environments. Field work required.

EDU 404: Designed Curriculum Learning Environments for Young Children with Disabilities 3

Prerequisite: Junior standing. Designing curriculum and implementing learning environment which enhance the growth and development of young children with disabilities.

EDU 405: Teaching Social Studies in the Elementary School 3

Prerequisite: Admission to Teacher Education Program. This course is an interdisciplinary approach to teaching and learning social studies. Emphasis will be placed on concept development, planning, preparing students to live in a global and culturally diverse world, developing critical competencies, and evaluating and assessing student learning. Field work required. (Replaces EDU 314.)

EDU 407: Literacy Assessment and Intervention Strategies 3

Prerequisites: Admission to Teacher Education Program. A study of the methods and tools for assessment of reading in elementary grades. Also includes proven intervention strategies for improvement of reading related to assessment results. This course is tied closely to the assessment procedures of the Teacher Work Sample.

EDU 408: Teaching Physical Education in Elementary School 2

Prerequisite: Admission to Teacher Education Program. Designed to provide the prospective teacher with an opportunity to implement effective instructional programs. The focus of the program will include lead-up games and a variety of low organized activities, as well as age-appropriate individual and team sports. Field work required. (Merger of PHE 258 and PHE 260)

EDU 410, 411, 412, 413, 414: Teaching High School (Subjects) 3

Prerequisite: Admission to Teacher Education Program. Content, instructional methods, materials, and assessment for each subject area. Field work required.

EDU 410: Teaching High School English
EDU 411: Teaching High School Mathematics
EDU 412: Teaching High School Physical Education
EDU 413: Teaching High School Science
EDU 414: Teaching High School Social Studies

EDU 415: Teaching Language Arts in Elementary School 3

Prerequisite: Admission to Teacher Education Program. This course examines current research, instructional methods, materials, and assessment for language arts instruction (P-5). Includes developmental processes and assessment techniques that will give pre-service teachers the proper fundamental foundation for reading. Field work required.

EDU 420: Teaching Health in Schools 3

Prerequisites: EDU 302 and HED 223. Instructional techniques and materials for teaching school health for the elementary, middle, and secondary school programs. Field work required.

EDU 423: Teaching Mathematics and Science in Elementary School 3

Prerequisite: Admission to Teacher Education Program. A study of content, instructional methods, materials, and assessment for teaching mathematics and science (P-5). Field work required.

EDU 430: Organization and Administration of Public Schools 3

Prerequisite: Admission to Teacher Education Program. Explore basic principles of school administration. Emphasizes the role of teachers as leaders and managers in the classroom and as participants in the administration of schools. Overviews key topical issues in P-12 education and critiques instructional principles and strategies. Field and work required. (Merger of EDU 305 and EDU 409)

EDU 445: Teaching High School Reading in the Content Areas 3

Prerequisite: Admission to Teacher Education Program. A study of assessment, materials and methods for reading instruction in secondary schools with emphasis on improving reading in content areas.

EDU 464, 474, 484, 494: Supervised Teaching * 12

Prerequisite: Admission to Supervised Teaching. Observation and practice of lesson planning, classroom teaching, classroom management, and assessment of learning under the guidance of a supervising teacher and a university supervisor. Other

appropriate placements for IECE majors will be designed. The nine Kentucky New Teacher Standards are emphasized.

EDU 464: Supervised Teaching, IECE (Ages 0-5) * 12

EDU 474: Supervised Teaching in Elementary Education (P-5) * 12

EDU 484: Supervised Teaching in Elementary and Secondary Education (P-12) * 12

EDU 494: Supervised Teaching in Secondary Education (8-12)* 12

ENGLISH

ENG 088: Reading 3

Required for students scoring 15 and below on the Enhanced ACT Reading Composite. Three hours of classroom instruction plus individualized instruction to increase the student's general reading comprehension. (Does not count toward any degree requirements)

ENG 089: Basic Writing I 3

Placement by Enhanced ACT English Composite of 15 and below. This course emphasizes the development of unified, coherent, and accurately edited paragraphs. (Does not count toward any degree requirements)

ENG 095: Fundamentals of English for Foreign Students 3

Familiarizes foreign students with fundamentals of written and spoken English, focusing on English used in academic and social settings. (Does not count toward any degree requirements)

ENG 096: Fundamentals of Informative Writing for Foreign Students 3

Familiarizes foreign students with American academic and institutional writing formats, including summaries, paraphrases, definitions, abstracts, reviews, critiques, memorandums, and letters. (Does not count toward any degree requirements)

ENG 099: Basic Writing II 3

Prerequisite: ENG 089 or initial placement with an Enhanced English ACT Composite of 16-18. Designated to eliminate PCC deficiency in English. Emphasizes developing multi-paragraph essays. (Does not count toward any degree requirements)

ENG 101: English Composition I 3

Prerequisite: English 099, English 103, or ACT subscore of 19 on English and Reading. Practice in composing and revising essays that are well organized, coherent, and demonstrate command of English fundamentals.

ENG 102: English Composition II 3

Prerequisite: ENG 101. Continuation of English 101, with several weeks devoted to the preparation of a research paper.

ENG 103: College Reading 3

Prerequisite: ENG 088 or initial placement with an Enhanced ACT Reading Composite of 16-18. Follows ENG 088 Reading. Designed to develop critical reading skills needed to comprehend University materials.

- ENG 204: Journalism** 3
Prerequisite: ENG 102 or consent of instructor. Practical work in gathering, organizing, and writing news. Objectives will include producing well-written news, features, and editorials for publication.
- ENG 211: Introduction to Literature *** 3
Prerequisite: ENG 102. An introduction to the understanding and enjoyment of the major literary genres: fiction, drama, poetry, and essays.
- ENG 214: Persuasive Writing** 3
Prerequisite: ENG 102. Instruction and practice in types of written persuasion, including instruction in the rhetorical forms of argumentation and persuasion.
- ENG 216: Technical Writing** 3
Prerequisite: ENG 102 or consent of instructor. Training and practice in written communications (reports, business letters, memorandums, etc.) required in business, industry, and government.
- ENG 260: Children's Literature** 3
Prerequisite: ENG 211 or consent of instructor. A study of literature that is especially suitable for use in the elementary grades with emphasis upon techniques of presenting this literature to young children.
- ENG 285: Writing and Sentence Skills for Teaching Professionals** 3
Prerequisites: ENG 101, ENG 102, ENG 211. Specifically for Education majors. Focuses on the organizational, grammatical, and mechanical writing skills demanded of classroom teachers.
- ENG 311: Advanced Grammar** 3
Prerequisite: ENG 102. Instruction in concepts of English sentence structure, grammar and word formation.
- ENG 313: Non-Western Literature** 3
Prerequisite: ENG 211. An introduction to selected authors and texts from Non-Western cultures in Africa, the Middle East, Asia and the Americas.
- ENG 315: History of the English Language** 3
Prerequisite: ENG 211. A study of the historical development and evolution of the English language from Old to Modern English.
- ENG 317: Linguistics** 3
Prerequisite: ENG 211 or consent of instructor. Introduction to the science of linguistics, including phonology, morphology, syntax and semantics. Also includes study of language use in society.
- ENG 322: Survey of British Literature I** 3
Prerequisite: ENG 211. Major works by British authors from the Old English period to the Age of Johnson.
- ENG 323: Survey of British Literature II** 3
Prerequisite: ENG 211. Continuation of the survey of major British works and their critical, intellectual, and historical contexts from the Age of Johnson to the modern era.
- ENG 324: Survey of American Literature I** 3
Prerequisite: ENG 211. A chronological study of major pre-modern American writers, with emphasis on political, social, and literary movements.
- ENG 325: Survey of American Literature II** 3
Prerequisite: ENG 211. A study of modern American writers, with emphasis on political, social, and literary movements.
- ENG 342: Writing Poetry** 3
Prerequisite: ENG 211 or consent of instructor. Students will study poetry and write a short collection of poems. Students will also read and critique one another's works.
- ENG 343: Writing Creative Non-Fiction** 3
Prerequisite: ENG 211 or consent of instructor. Students will study and write non-fiction of the type published in magazines and newspaper. Students will also read and critique one another's works.
- ENG 345: Writing Drama/Screenplay** 3
Prerequisite: ENG 211 or consent of instructor. Students will study drama and film writing and write a short play or screenplay. Students will also read and critique one another's works.
- ENG 346: Writing Fiction** 3
Prerequisite: ENG 211 or consent of instructor. Students will study fiction, both short and full-length, and write fiction pieces. Students will also read and critique one another's works.
- ENG 361: Journalism II** 3
Prerequisite: ENG 204. Students will be taught to gather, analyze, organize and communicate information concisely, accurately, quickly and understandably for newspapers, the electronic media and other informational outlets.
- ENG 362: News Editing** 3
Prerequisites: ENG 361 or consent of instructor. Practice in evaluating the quality and effectiveness of a news story and in editing news copy for correct grammar and Associated Press style.
- ENG 363: Feature/Public Relations Writing** 3
Prerequisites: ENG 361 or consent of instructor. Advanced practice in planning and writing for audiences of government entities, corporations, institutions, and organizations, including the submission of articles for publication.
- ENG 390: Adolescent Literature** 3
Prerequisite: ENG 211. Designed to help students identify appropriate reading material for adolescents by interest and grade level. Students will also learn bibliographical skills.
- ENG 397: Special Topics in English I** 3
Prerequisite: ENG 211 or consent of instructor. A broad range of literary topics in specialized areas not addressed in depth by the traditional curriculum.
- ENG 398: Literary Heritage** 3
Prerequisite: ENG 211. An intensive study of a specific period in literary history, focusing on major figures and texts from that period. May be repeated.
- ENG 399: Special Topics in English II** 3

Prerequisite: ENG 211 or consent of instructor. A broad range of literary topics in specialized areas not addressed in depth by the traditional curriculum.

ENG/AAS 409: Literature of African-Americans 3
Prerequisite: ENG 211. A study of representative literary works written by African-Americans from Phillis Wheatley to the present.

ENG 411: Shakespeare 3
Prerequisite: ENG 211. Analytical study of Shakespeare's principal plays and sonnets, with an introduction to the Elizabethan thought and society.

ENG 413: Literary Criticism 3
Prerequisite: ENG 211. A study of major schools of criticism and influential critics. Includes instruction in practical application of these approaches to writing about literature.

ENG 415: Major author(s) 3
Prerequisite: ENG 211. An intensive study of one or two authors considered to be among the greatest and most influential of writers in English. May be repeated.

ENG 433: Reading and Writing Clinic Practicum 3
Prerequisite: ENG 211. Required of all students obtaining certification in English Education. A clinical course designed to help students identify and correct problems in reading and writing.

ENG 490: Senior Creative Project 3
Prerequisite: one 300-level creative writing class (ENG 342, 343, 345 or 346). A semester-long writing project which will culminate in either a collection of short creative works or one full-length work.

ENG 499: English Capstone * 3
Recapitulates major genres, periods, authors, and literature in English to ensure a coherent overview of the discipline. Requires satisfactory completion of a major writing project and the Senior Examination.

FOODS AND NUTRITION

FNU 101: Introduction to Foods 3
A study of preparation and preservation of food products, with an emphasis on food science. Lab experiences incorporate principles of cookery and their application. (Two hours lecture and two hours laboratory per week)

FNU 104: Basic Nutrition 3
Prerequisite: BIO 107. Principles of nutrition related to health; emphasis on understanding functions of nutrients and nutritional needs of people in health and disease conditions.

FNU 203: Nutrition and Health for the Growing Years 2
A study of nutrition education, formulation of eating habits, nutrition and health related problems, and concerns as related to growth cycles.

FRENCH

FRE 101: Elementary French I 3

An introductory course designed to teach French pronunciation, sentence structure, and basic vocabulary for understanding, speaking, writing, and reading French. (Laboratory work)

FRE 102: Elementary French II 3
Prerequisite: FRE 101. Continuation of FRE 101, with emphasis on listening, speaking, and reading. (Laboratory work)

FRE 201: Intermediate French I 3
Prerequisite: FRE 102. Review of grammar with emphasis on communicative skills and cultural literacy. (Laboratory work)

FRE 202: Intermediate French II 3
Prerequisite: FRE 201. Continuation of FRE 201 increasing stress on communicative skills and cultural literacy. (Laboratory work)

FRE 301: Survey of French Literature I 3
Prerequisite: FRE 202. A survey of French literary creation from the earliest documents to 1700 with special emphasis on the classic drama of Corneille, Racine, and Moliere.

FRE 302: Survey of French Literature II 3
Prerequisite: FRE 202. Continuation of FRE 301. French literature in the 18th, 19th, and 20th centuries with special emphasis on Montesquieu, Rousseau, Voltaire, Balzac, Hugo, Vigny, Flaubert, and some 20th century writers.

FRE 311: Advanced French Composition 3
Prerequisite: FRE 202. Writing on topics of contemporary life, with analysis of style, sentence construction, and study of idiomatic expressions and special problems of French grammar.

FRE 312: Advanced French Conversation 3
Prerequisite: FRE 202. Intensive practice in the oral use of French through conversations on topics of interest.

FRE 322: French Civilization 3
Prerequisite: FRE 202. The study of modern French civilization since 1700 with emphasis on the life, culture, ideas, and institutions of the 20th century.

FRE 375: French for International Studies I 3
Prerequisite: FRE 202 or equivalent or proficiency test. Intensive development of communicative skills through the study of articles and audio-visual materials on current world affairs.

FRE 376: French for International Studies II 3
Prerequisite: FRE 375 or equivalent. Continuation of intensive development of communicative skills through the study of articles and audio-visual materials on current world affairs.

FRE 413: Black Literature in French 3
Prerequisite: FRE 202. A survey of the main literary movements in French literature of some African and Caribbean countries, and a study of selections in the works of prominent representatives.

GEOGRAPHY

GEO 102: Principles of Geography 3

Study of the basic principles underlying the science of geography and the human use of resources; the earth's form and movement, climate, topography, oceans etc.

GEO 211: Geography of North America 3
A study of North America and Hawaii. Emphases are placed upon the natural resources and economic activities of inhabitants.

GEO 212: Geography of Africa 3
Survey of the African continent, its historical and physical backgrounds, climates, soils, vegetation, people, cultures, and current developments.

GERONTOLOGY

GNT 101: Introduction to Gerontology 3
Exploration of a variety of topics related to aging, such as retirement, living arrangements, social relationships, rejection by families, death, government programs and community resources.

GNT 102: Problems in Aging 3
An analysis of the nature, extent, and causes of problems in aging. Emphasis is on economic, political, and personality factors that affect the living patterns of the aged.

GNT 201: Applied Social Gerontology 3
Designed for individuals who plan to work with the elderly in planning, development, and implementation of programs and policies.

GNT 301: Aging Issues, Policies, and Programs 3
Prerequisite: GNT 101 or GNT 102. Examines aging as a social condition. Focus on aging concepts, policies and service-providing organizations. Programs are analyzed in terms of social needs, problems, and goals.

GNT 400: Death and Dying 3
An examination of the anxieties, fears, and hopes of the dying; and the social, psychological, and economic implications of death.

GNT 401: Aging and Health 3
Discussion centers upon comparisons of healthy aging patterns versus mental illness in old age. Designed to dispel some of the traditional diagnostic and treatment myths.

GNT 402: The Black Aged 3
An analysis of attitudes, values, and trends related to aging in the Black culture.

HOME ECONOMICS

HEC 304: Home Furnishings and Design 3
Planning and decorating the house consistent with one's taste and economical means. Trends in home furnishings, designs, and arrangements are covered.

HEC 308: Family Consumer Problems 3
An analysis of problems, policies, and issues relevant to today's consumer.

HEC 450: Seminar in Home Economics Education 1

Trends and interpretation of the role and function of the semi-professional in home economics.

HEALTH EDUCATION

HED 107: First Aid and Safety 2
Designed to prepare students to provide immediate and temporary care in emergency situations, including accidents or sudden illnesses. Open to all students.

HED 221: Personal Health and Lifetime Fitness 2
An introduction to the beneficial effects of a positive healthy life-style and methods to implement and live such a life-style.

HED 222: Personal Health and Lifetime Fitness II 2
Prerequisite: HED 221. A continuation of HED 221. Emphasis will be placed on the application of content relevant to health behaviors associated with the use of drugs, alcohol, tobacco, human sexuality, marriage and the family environment.

HED 223: Principles of Health Education 3
Prerequisite: HED 221. A study of the foundations and principles of health, including physical, mental, social, emotional, and environmental aspects of health.

HED 305: Safety Education 3
Focus on the rules and functions of health education in developing and maintaining a safe and healthful environment.

HED 321: Community Health 3
Prerequisites: HED 223 and PSY 200. An analysis of current health problems from both school and community viewpoints.

HED 326: Epidemiology 3
Prerequisite: HED 221. Current concepts of disease etiology and control as applied to the most prevalent communicable and chronic diseases that affect mankind.

HED/PUA/SOW 371: Introduction to Public Health 3
Prerequisite: HED 221 or consent of instructor. A survey course that develops an understanding and appreciation for factors affecting health status and its contribution to individual and community health.

HISTORY

HIS 099: Introductory History 3
Required of all freshmen who are pre-college curriculum (PCC) deficient in history. This course will introduce the student to basic skills used in history. (Does not count toward any degree requirements.)

HIS 101: World Civilization I 3
A study of world civilizations from ca. 3,000 B.C. to 1650 A.D. The course will focus on human beginnings in Africa, the Middle East, India, China; the rise of Islam and Western cultures.

HIS 102: World Civilization II 3
A study of world civilizations from 1650 to the present with emphasis on political, social and economic development.

HIS 103: Western Civilization 3

A survey of social and intellectual development in the Western World from pre-history to the Reformation.

HIS 201: United States History to 1865 3
The political, economic, and social development of the United States from the Colonial period to 1865.

HIS 202: United States History Since 1865 3
The political, economic, and social development of the United States from 1865 to the present.

HIS 300: Problem Seminar 3
Prerequisites: HIS 102, HIS 201, and HIS 202. Problems encountered by professional historians in the utilization of primary historical sources.

HIS/AAS 314: African-Americans in the United States 3
Prerequisite(s): HIS 201 and HIS 202, or consent of instructor. The history of African-Americans in the United States, their role in the development of this country, and their struggle for rights, privileges, and protections of citizenship.

HIS 316: Recent United States History 3
Prerequisites: HIS 201 and HIS 202. A study of problems associated with the Great Depression, the New Deal, war and significant social change, major political developments, and achievements in space.

HIS 321: Constitutional History of the United States 3
Prerequisites: HIS 201 and HIS 202. An historical survey of the making of the Constitution and its interpretation through decisions of the United States Supreme Court.

HIS 331: Early Modern Europe 3
A survey of the political, intellectual, economic, and social development of Europe from 1450-1815.

HIS 332: Nineteenth Century Europe 3
Prerequisites: HIS 101 and HIS 102. Europe from the downfall of Napoleon (1815) to the outbreak of World War I (1914).

HIS 333: Twentieth Century Europe 3
Prerequisites: HIS 101 and HIS 102. The history of Europe from 1914 to the present. Particular attention is given to the impact of World War I upon European society.

HIS 341: British History I 3
Prerequisites: HIS 101 and HIS 102. A survey of English history from pre-Roman times to the close of the Glorious Revolution (1689), with emphasis upon constitutional and legal developments.

HIS 342: British History II 3
Prerequisites: HIS 101 and HIS 102. The growth of British democracy and the role of Britain in the rise and expansion of world imperialism during the eighteenth, nineteenth, and twentieth centuries.

HIS 350: Kentucky History 3
Prerequisites: HIS 201 and HIS 202. A social, economic, and political history of Kentucky. In addition, the course will examine Kentucky's contributions to national politics.

HIS 362: Hispanic American History 3

Prerequisites: HIS 101, HIS 102, HIS 201, and HIS 202. A survey of selected Central and South American countries in their modern eras, and trends that are representative of the problems that beset the region.

HIS 364: Medieval Culture 3
Prerequisites: HIS 101 and HIS 102. A survey of European history from 500 to 1500, with strong emphasis on cultural achievements of the period.

HIS/AAS 365: African History to 1870 3
Prerequisites: HIS 101 and HIS 102. A survey tracing the earliest beginnings of man in Africa and the development of sub- and trans-Saharan civilizations.

HIS/AAS 366: African History from 1870 3
Prerequisites: HIS 101 and HIS 102. The creation and development of European colonial empires in Africa and the subsequent rise of independent African states.

HIS/AAS 411: African-Americans in the Twentieth Century 3
Prerequisites: HIS 201 and HIS 202. A thorough study of the contributions of African-Americans to American culture and their struggle for full citizenship in the United States.

HIS 421: Southern History 3
Prerequisites: HIS 201 and HIS 202. The economic, social, political, and cultural life of the southern states from colonial times to the present.

HIS 424: Diplomatic History of the United States 3
Prerequisites: HIS 201 and HIS 202. A survey of America's diplomatic relations with the major world powers since the founding of the Republic.

HIS 461: The History of East Asia 3
Prerequisites: HIS 101 and HIS 102. A cultural and political survey of the history of China and Japan, with emphasis on their changing relationships with the rest of the world.

HIS 499: Senior Colloquium * 3
Prerequisites: Senior classification. This course is designed to develop analytical skills, interpretation and research; and to nurture intellectual self reliance and critical thinking.

INTEGRATIVE STUDIES

IGS 200: Foundations of Cultures 3
Prerequisite: ENG 101. An interdisciplinary study of the foundations of cultures, beginning with creation accounts from Africa, South America, Mesopotamia, India, Egypt, Greece, and China, and extending through the Classical period.

IGS 201: Convergence of Cultures 3
Prerequisites: ENG 101 and IGS 200 or consent of director. An interdisciplinary study of the forces that shaped the development of cultures from the rise of Christianity and Islam to the Scientific Revolution.

IGS 300: Search for New Forms of Culture 3
Prerequisites: ENG 101 and IGS 201 or consent of director. An interdisciplinary study of revolutionary ideas in political

theory, philosophy, science, and the arts that have shaped the modern world.

IGS 301: Studies in African Cultures 3
Prerequisites: ENG 101 and IGS 200 or consent of director.
A multi cultural study of the major forces that shaped various African cultures in their social, artistic, historical, political, philosophical, and religious expressions.

IGS 302: Studies in Asian Cultures 3
Prerequisites: ENG 101 and IGS 200 or consent of director.
A multi cultural study of the major forces that shaped various Asian cultures in their social, artistic, historical, political, philosophical, and religious expressions.

IGS 303: Studies in Latin American Cultures 3
Prerequisites: ENG 101 and IGS 200 or consent of director.
A multi cultural study of the major forces that shaped various Latin American cultures in their social, artistic, historical, political, philosophical, and religious expressions.

IGS 304: The African-American Experience 3
Prerequisites: ENG 101 and IGS 200 or consent of director.
A study of the evolution of the African-American experience from the period of slavery to the present, especially as reflected in the writings of African-American intellectuals.

IGS 499: Senior Seminar 3
Prerequisites: ENG 101 and IGS 200, or IGS 201, or IGS 300 or equivalent, or consent of director. A senior-level seminar devoted to the exploration of an interdisciplinary theme. Topics will vary according to the instructor.

INDUSTRIAL TECHNOLOGY

INT 101: Engineering Drafting I 3
Fundamentals in use and care of instruments, lettering, line construction, rules of dimensioning, orthographic projection, auxiliary view, and sectional and pictorial drawing.

INT 102: Engineering Drafting II 3
Prerequisite: INT 101 or consent of instructor. Intermediate concepts of working drawings. Includes advanced sections, auxiliaries, threads and fasteners, tolerancing, and geometric dimensioning. Specialized equipment used in duplication methods and blueprint reading.

INT 104: Descriptive Geometry 3
Specific problems involving points, lines, planes, curved surfaces, intersections, and development problems. Emphasis directed toward auxiliary views, points and lines, revolutions, and development of surfaces.

INT 124: Basic Electricity (DC/AC) 3
Principles and measurement of direct current, voltage, resistance; alternating current, capacitance, inductance, impedance; and mathematical analysis of basic electricity covering Kirchhoff, Thevenin, and Norton theorems.

INT 125: Residential Wiring 3
A study of the National Electrical Code relative to residential wiring local codes. Experience is gained through wiring circuits found in the modern house.

INT 126: Motors and Controls 3
Study of basic controls used today for AC motors. Ladder diagrams and practical circuits are drawn and wired.

INT 127: Computer Hardware and Software 3
This course emphasizes the computer hardware, software, and terminology that consumers of microcomputer systems might encounter. Use of the Internet, e-mail, printers, fax, modem and construction of the microcomputer is included.

INT 128: Solid State Devices 3
A study of the characteristics and application of solid-state devices, diodes, transistors, rectifier circuits, voltage regulators, and wave-form interpretations. Single and multistate small signal amplifiers are tested.

INT 129: Large Scale Integrated Circuits 3
Prerequisite: INT 130. Analysis of large scale integrated circuits. (Lecture two hour; laboratory two hours)

INT 130: Digital Logic Circuits 3
A survey of logic circuits using Boolean Algebra, truth tables, and binary numbering systems.

INT 202: Technical Illustration 3
Explores ways of converting orthographic projections into perspective and pictorial expressions. Emphasizes oblique, isometric, dimetric, trimetric, exploded view, and rendering of projections for publications.

INT 203: Civil Drafting 3
Study of special drafting processes including map drawing. Emphasis in planning earth and concrete retaining structures, projecting locations, profile line and grade, and surveying instruments.

INT 208: Computer-Aided Drafting I 3
Prerequisite: INT 101 or consent of instructor. Familiarization with contemporary CAD systems, covering basic theory and applications, including industry's conversion to CAD. Prior computer experience is beneficial but not required.

INT 210 Computer-Aided Drafting II 3
Prerequisite: INT 208 or consent of instructor. Advanced training in CAD systems, covering the use of attributes, databases, Data Exchange Files, and the customizing of menus for increased efficiency of application.

INT 212: CAD 3D 3
Prerequisite: INT 208 or consent of instructor. Designed to provide CAD users understanding of 3D concepts, technique, strategy, and rendering features, engineering analysis and parametrics. Appropriate to those desiring to learn process of accurately producing three dimensional images for broad-based applications.

INT 215: Modeling and Animation I 3
3-D modeling and animation designed to bring new power, versatility, speed, and value to the graphics professional who needs to create professional images and animations.

INT 225: Regulators, Oscillators, and Linear Devices 3
Study, through theory and application, of regulators, oscillators, thyristors, DA's, Op Amps, and linear devices.

INT 226: Microprocessor Architecture 3
Prerequisite: INT 129. A study of the architecture and interconnecting functional units of the CPU, ALU, and control units with memory, input/output devices and communications between subsystems. (Lecture two hours, laboratory two hours)

INT 227: Electronics Logic/Microprocessors 3
Involves numbers, logic and circuits using integrated circuit "chips". Includes implementation of logic functions in modern electronic devices, and integrated circuit chips in the small computer, using basic machine language.

INT 229: Programmable Logic Controllers 3
Study of the use and application of PLC's in industry, their operation, logic concepts, hardware components, the input/output system, programming, editing, and documentation.

INT 230: Data Communications Technology 3
Prerequisite: INT 226. A study of data communications hardware including synchronous and asynchronous communications.

INT 231: Peripheral Control Structures 3
Prerequisite: INT 226. An analysis of the digital logic structures of peripheral control devices and how they interface with microprocessor based systems. Use of the Intel Series Development System to develop, edit, assemble, debug and test system routines.

INT 235: Modeling and Animation II 3
Prerequisite: INT 215 or consent of instructor. Topics covered include: advanced lofting including fit deformation, scaling, inverse kinematics, animated combustions and explosions, compound and appearing/disappearing materials, mirror and refractive materials, character animation, space warps, ripple effects, and higher-level animation track editing.

INT 240: Ind. Electricity/Robotics I 3
Prerequisite: INT 128. A survey of DC/AC motors and controls, power distribution systems, programmable logic control, and non-servo systems.

INT 245: Biomedical Equipment I 3
Prerequisite: BIO 107. The purpose of this course is to introduce the student to basic principles and clinical applications of biomedical equipment including, but not limited to, patient monitoring defibrillation computer network electro surgery machines, radiology and nuclear medicine equipment, dialysis and infusion pumps.

INT 246: Biomedical Equipment II 3
Prerequisite: INT 245. This course introduces the student to electrical and electronic design and application issues related to biomedical equipment such as isolation, measurement errors, low level signal amplification, CMMR, patient data telemetry and electrical safety in the medical environment.

INT 248: Robotics I 3
Survey of automated manufacturing with emphasis on involvement of robots, including history, development, and socio-economic implications. Introduction to robot operations and applications.

INT 250: Robotics II 3

Prerequisites: INT 124 and 208, INT 240 or consent of instructor. Includes the online/offline programming of servo robots, the interfacing of robots with peripheral devices/equipment, computer control, computer assisted manufacturing and system integration.

INT 255: Multimedia Production 3
Prerequisites: INT 212 and 235 or consent of instructor. Course addresses the educational needs of anyone wishing to work in the multimedia environment. Concepts, tools and techniques of multimedia production are among a few of comprehensive sets of topics included. Students will become familiar with how a major production develops and become capable of producing professional quality multimedia productions.

INT 290: Industrial Technology Capstone * 3
Prerequisite: Student to be enrolled in their last semester of course work or consent of instructor. Students participate on a design team working on a realistic problem. The design education process is guided by the design method approach. Students are encouraged to integrate diverse elements of course work in their major into a coherent conception of their major.

INT 299: Industrial Technology Internship 3
Prerequisite: Student to be enrolled in their last semester of course work or consent of instructor. Designed to provide students a means to integrate academic theories and principles to practical job experience, thereby reinforcing and expanding classroom learning while preparing them for activities related to their major. (Hours to be arranged.)

ITALIAN

ITA 101: Elementary Italian I 3
An introductory course designed to teach Italian pronunciation, sentence structure, and basic vocabulary for understanding, speaking, writing and reading. The course will also deal with general understanding of Italian culture. (Laboratory work)

ITA 102 : Elementary Italian II 3
Prerequisite: ITA 101. Continuation of Italian I with emphasis on listening and reading comprehension, as well as conversational language. Knowledge of geography, population and various aspects of the Italian culture will be discussed by mean of audio-visual material. (Laboratory work)

JAPANESE

JPN 171: Conversational Japanese I 3
An introductory course with emphasis on the everyday spoken language, and some writing.

JPN 172: Conversational Japanese II 3
Prerequisite: JPN 171 or consent of instructor. Continuation of JPN 171 with emphasis on pronunciation, grammar, vocabulary, listening, oral expression, and some writing.

KOREAN

KOR 171: Introduction to Korean Culture and Language 3

Prerequisite: KOR 171 or consent of instructor. An introductory study of Korean culture with an emphasis on the basics of HanGul (the Korean language alphabet).

KOR 172: Korean Languages II 3
Prerequisite: KOR 171 or consent of instructor. Continuation of KOR 171 to reinforce the basic foundation of the Korean language with emphasis on developing writing, reading and conversational skills.

MATHEMATICS

MAT 095: Fundamentals of Mathematics 3
Required of all students whose placement data do not warrant enrollment in MAT 099 or above. Arithmetic and properties of real numbers, ratio and proportion, introduction to statistics and algebra. (Does not count toward any degree requirements.)

MAT 098: Foundations of Geometry 3
Required of all entering students classified as PCC-deficient in Geometry. Topics include points, lines, angles, triangles, congruence, parallelism, distance, circles, similarity, perimeter, arc, constructions, and proofs. (Does not count toward any degree requirements.)

MAT 099: Beginning Algebra 3
Prerequisite: MAT 095 or appropriate score on placement test. Linear equations and inequalities, systems of linear equations, polynomials and polynomial functions, quadratic equations, rational expressions, radicals, and rational exponents. (Does not count toward any degree requirements.)

MAT 103: Foundations of Mathematics I 4
Prerequisite: Sets, whole number systems, numeration systems, bases, elementary number theory, non-negative rational numbers, introduction to negative numbers. Class presentation and activities are designed specifically for the needs of elementary school teachers.

MAT 104: Foundations of Mathematics II 4
Prerequisite: MAT 103. Continuation of MAT 103. Real number systems, probability, statistics, geometry, and measurement. Class presentation and activities are designed specifically for the needs of elementary school teachers.

MAT 111: Contemporary Mathematics 3
Prerequisite: MAT 095 with grade of C or higher or mathematics placement test. This course develops problem-solving and mathematical skills through a sequence of applied topics. Topics include mathematical finance, probability and statistics, growth models for a variety of situations, and geometry.

MAT 115: College Algebra 3
Prerequisite: MAT 099 or appropriate scores on placement test. This course develops the algebraic skills necessary for further studies in mathematics. Topics include rational expressions, radicals, and systems of linear and quadratic equations.

MAT 120: Precalculus 4
Prerequisite: MAT 115 or advanced standing on the mathematics placement test. Set theory, functions, polynomial

and rational functions, circular and trigonometric functions, exponential and logarithmic functions, and complex numbers.

MAT 125: Linear Algebra and Differential Calculus with Business Applications 3
Prerequisite: MAT 111 or MAT 115. This course covers functions of matrices, Gauss-Jordan reductions, systems of linear equations, derivatives, marginal cost, revenue and profit, and applied optimization problems.

MAT 131: Calculus and Analytic Geometry I 5
Prerequisite: MAT 120 or advanced standing on mathematics placement test. Review of functions; limits of functions; derivatives and definite integrals of algebraic, exponential, and logarithmic functions, applications of the derivative and integral; and conic sections.

MAT 132: Calculus and Analytic Geometry II 5
Prerequisite: MAT 131. Differentiation and integration of trigonometric and hyperbolic functions, techniques of integration, indeterminate forms, improper integrals, Taylor's formula, infinite sequences, and series.

MAT 205: Mathematical Problem Solving 1
Prerequisites: MAT 104 and MAT 111 or higher or consent of instructor. Strategies for problem solving in a variety of standard and nonstandard situation. Special emphasis will be placed on the needs of elementary school teacher.

MAT 210: Perspective on Mathematics 3
Prerequisite: MAT 131. Survey of history, cultural ramifications, methods, connections among various branches, and opportunities of mathematics. Required of all mathematics and applied mathematics majors.

MAT 231: Multivariate Calculus 3
Prerequisite: MAT 132. Calculus of vector-valued functions, partial differentiation, multiple integrals, curl, surface integrals and Stokes' theorem. Plane curves, polar coordinates, vectors, and three-dimensional analytic geometry.

MAT 232: Differential Equations 3
Prerequisite: MAT 132. The study of first-order equations, linear equations, the Laplace transform, Picard's existence theorems, and systems of equations.

MAT 307: Linear Algebra 3
Prerequisite: MAT 210. Coordinates, vectors, vector spaces, subspaces, Euclidean n-space, determinants, linear transformations, linear transformations and matrices, bilinear and quadratic forms are studied.

MAT 300: Introduction to Advanced Mathematics 3
Prerequisite: MAT 210. This course provides an orientation to higher mathematics. Topics include logic, mathematical proof, set theory, relations and functions, and an introduction to mathematical axiom systems.

MAT 312: Mathematical Programming 3
Prerequisites: MAT 125 or MAT 307. This course is an introduction to modern operations research. Modeling, theory, and applications of linear programming, integer programming, scheduling, inventory, and network problems are studied.

MAT 315: Numerical Analysis 3
Prerequisite: MAT 231. Techniques of numerical approximation in analysis and algebra.

MAT 321: Probability and Statistics 3
Prerequisite: MAT 132. Probability, random variables, sampling theory, hypothesis testing, correlation, and regression are studied.

MAT 326: Modern Geometry 3
Prerequisite: MAT 300. This course includes study of axiom systems, and Euclidean and projective geometries.

MAT 401: Modern Algebra I 3
Prerequisite: MAT 300. Operations, permutations, groups, isomorphisms, factor groups, Sylow's theorems, and applications are discussed.

MAT 402: Modern Algebra II 3
Prerequisite: MAT 401. Continuation of MAT 401. Rings, integral domains, quotient rings and ideals, extension fields, and vector spaces are studied.

MAT 403: Real Analysis I 3
Prerequisites: MAT 231 and MAT 300. Real numbers and Euclidean n-space, continuous functions, differentiable functions of one and several variables, and the Riemann integral are studied.

MAT 404: Real Analysis II 3
Prerequisite: MAT 403. Classical Lebesgue integral, power series, curves, surfaces, integral theorem, divergence, and theorems of Green and Stokes are discussed. Some applications are examined.

MAT 411: Topology 3
Prerequisite: MAT 300. Topological spaces, metric spaces, separation axioms, connectedness, compactness, continuity, product and quotient spaces.

MAT 415: Elementary Dynamical Systems 3
Prerequisite: MAT 232. Time evolution of various physical and/or biological systems and asymptotic behavior of orbits in space are studied with various mathematical techniques.

MAT 460: Mathematics Seminar * 3
Prerequisite: Senior standing in mathematics. An integrated overview of the mathematics curriculum. Each student will be required to prepare and present independent investigation of topics of personal/professional interest. May be repeated once for credit.

MAT 470: Mathematical Modeling 3
Prerequisite: Consent of instructor. This course is designed to provide a student with broad exposure to mathematical models and techniques to find solutions to governmental, industrial, and management problems. Optimization technique, probability and stochastic processes, physical and biological applications, hierarchies and priorities, computer-aided modeling and problem solving will be covered.

MATHEMATICS AND SCIENCES

MSC 171: Math & Sciences Excel Laboratory 1

Co-requisite: BIO 111, BIO 210, CHE 101, CHE 102, MAT 115, MAT 120, MAT 131, PHY 207, PHY 208, PHY 211, or PHY 212 and consent of instructor or record. Peer-lead team learning approach to intensive interdisciplinary problem solving. (2 hours of laboratory per week) Graded Pass/Fail.

MANAGEMENT

MGT 300: Management Information Systems 3
Prerequisite: BUA 101. This course addresses the design, development and use of collections of data to make personal, professional, or management decisions.

MGT 301: Principles of Management 3
Fundamental principles underlying the management of business enterprises, based on planning, organizing, supervising, and controlling various functional activities.

MGT 303: Business Database Systems 3
An introduction to the business use of various data models. Topics include the theory and design of data management in the context of business information needs.

MGT 431: Managerial Quality 3
Prerequisite: MGT 301. A study of the management of product and service quality. Topics include quality philosophy and leadership, approaches to total quality management, the economics of quality, the human aspects of quality, and statistical process control.

MGT 433: Human Resources Management 3
Prerequisite: MGT 301. An examination of supervision of employees and the development policies relating to effective utilization of human resources in business concerns.

MGT 452: Transportation and Business Logistics 3
Prerequisite: MGT 301, MKT 301. A study of the economics and principles of transportation service, location of industry, communications and order processing designs, and operations of a logistics system.

MGT 455: Production Management 3
Prerequisites: ECO 312, ECO 321, and MGT 301. A study of management decision making in production and operations, using quantitative techniques to address demand forecasting, resource allocation, scheduling, and inventory control.

MGT 460: Human Behavior in Organizations 3
Prerequisite: MGT 301. An analysis of the behavior of persons in organizational settings, including personality, values, motivation, leadership, authority in groups, and informal groups.

MGT 465: Principles of Small Business Management 3
Prerequisite: MGT 301 or consent of instructor. A study of small-business management, entrepreneurship and problems of organizing and operating a small business.

MGT 470/MKT 470: International Business Management 3
Prerequisites: ECO 329, MGT 301, MKT 301 or consent of instructor. Examines the international business arena, including many marketing factors, environmental forces (economics,

political-legal, physical, competitive), scope, diversity, organizations and monetary systems.

MGT 480: Management Internship 3
Prerequisite: junior or senior status and consent of dean. Off-campus, on-the-job employment related to the field of management.

MGT 490: Strategic Management * 3
Prerequisite: Completion of all 200- and 300-level courses in the professional component, senior Business Administration major, or consent of instructor. Capstone course. Explores the general management tasks of strategy formulation and implementation, case analysis, written and oral presentation(s) and senior exit examination.

MGT 498: Seminar on Business Careers 3
Prerequisite(s): ACC 201 and 202; ECO 201 and 202; MGT 301; MKT 301 or BUA 330; or consent of instructor. Course designed for graduating seniors to be better prepared for the real world and refreshed on key business information, concepts, policies, issues, and practices.

MGT 499: Independent Study in Management 3
Prerequisite: Senior classification and consent of the dean. Research and in-depth study of a particular management concept or problem under the direction of a faculty member.

MARKETING

MKT 301: Principles of Marketing 3
Prerequisite(s): ECO 202 or ECO 201 and consent of instructor. Study of the movement of goods from producers to consumers and examination of the marketing process, marketing institutions, channels of distribution, and policy considerations.

MKT 410: Marketing Communications 3
Prerequisites: MGT 301 and MKT 301. A study of marketing communications concepts including identification of communications goals, analysis of advertising, personal selling, and sales promotions.

MKT 420: Marketing Management 3
Prerequisites: MGT 301 and MKT 301. A study of the viewpoints of the marketing executive whose responsibility is coordination of the objectives and resources of the firm.

MKT 430: Marketing Research 3
Prerequisites: ECO 312, MGT 301, and MKT 301. A study of the scope and applications of marketing research, research design, sampling methods and problems, data collection, and research report writing.

MKT 440: Consumer Behavior 3
Prerequisite: MKT 301. A study of the factors determining consumers' behavior patterns, especially as affected by economics, psychology, social psychology, and cultural anthropology.

MKT 453: Principles of Retailing 3
Prerequisite: MKT 301. A study of the fundamentals of buying, sales promotions, pricing control, and store finance of various retail enterprises.

MKT 455: Sales Management 3
Prerequisites: MGT 301 and MKT 301. An examination of the requirements for a sound sales management function, including selection, training, and evaluation.

MKT 470/MGT 470: International Business Management 3
Prerequisites: ECO 329, MGT 301, MKT 301. Examines the international business arena, including many marketing factors, environmental forces (economics, political-legal, physical, competitive), scope, diversity, organizations and monetary systems.

MKT 480: Marketing Internship 3
Prerequisite: junior or senior status and consent of dean. Off-campus on-the-job employment related to the discipline of Marketing.

MKT 499. Independent Study in Marketing 3
Prerequisite: Senior classification and consent of the dean. Research and in-depth study of a particular marketing concept or problem under the direction of a faculty member.

MILITARY SCIENCE

(See Army Military Studies)

MUSIC

Music—Applied
MUA 121: Minor Applied I 0.5
Prerequisite: Consent of instructor. One half-hour private lesson each week in primary or secondary performance areas.

MUA 122: Minor Applied II 0.5
Prerequisite: MUA121. A continuation of MUA 121.

MUA 161: Major Applied I/Performance Class 1
Prerequisite: audition required. Private instruction in voice, piano, organ, woodwind, brass, or percussion instruments in the principal area of study. One-hour lesson each week. Performance Class required.

MUA 162: Major Applied II/Performance Class 1
Prerequisite: MUA 161. A continuation of MUA 161. Performance Class required.

MUA 221: Minor Applied III 0.5
Prerequisite: MUA 122. A continuation of MUA 122.

MUA 222: Minor Applied IV 0.5
Prerequisite: MUA 221. A continuation of MUA 221.

MUA 261: Major Applied III/Performance Class 1
Prerequisite: MUA 162. A continuation of MUA 162. Performance Class required.

MUA 262: Major Applied IV/Performance Class 1

Prerequisite: MUA 261. A continuation of MUA 261. Performance class required. Must pass the Sophomore Applied Music Proficiency Examination to successfully complete this course.

MUA 321: Minor Applied V 0.5
Prerequisite: MUA 222. A continuation of MUA 222.

MUA 322: Minor Applied VI. 0.5
Prerequisite: MUA 321. A continuation of MUA 321.

MUA 361: Major Applied V/Performance Class 1
Prerequisite: MUA 262. A continuation of MUA 262. Performance class required.

MUA 362: Major Applied VI/Performance Class 1
Prerequisite: MUA 361. A continuation of MUA 361. Performance class required.

MUA 421: Minor Applied VII 0.5
Prerequisite: MUA 322. A continuation of MUA 322.

MUA 422: Minor Applied VIII 0.5
Prerequisite: MUA 421. A continuation of MUA 421.

MUA 461: Major Applied VII/Performance Class 3
Prerequisite: MUA 362. For music performance majors only. A continuation of MUA 362 with advanced standards for literature and performance. Performance class required.

MUA 462: Major Applied VIII/Performance Class 4
Prerequisite: MUA 461. For music performance majors only. A continuation of MUA 461 with advanced standards for literature and performance. Performance class required.

Music—Class Instruction

MUC 110: Class Piano I 1
Open to non-music majors. A study of the fundamentals of piano playing to aid music students in preparing for the successful completion of the Piano Placement Examination.

MUC 111: Class Piano II 1
Prerequisite: MUC 110. A continuation of MUC 110.

MUC 209: Jazz Improvisation 2
Open to non-music majors. Class instruction in the development of individual jazz improvisational technique. May be repeated three times for credit.

MUC 210: Class Piano III 1
Prerequisite: MUC 111. A continuation of MUC 111.

MUC 211: Class Piano IV 1
Prerequisite: MUC 210. A continuation of MUC 210.

MUC 250: Jazz Piano 1
Prerequisite: Consent of instructor. A study of jazz piano techniques utilized in accompanying and improvising jazz. Basic knowledge of music theory required.

MUC 341: String Instruments Class 1
Prerequisite: MUA 262. Class instruction in performance fundamentals of orchestral string instruments.

MUC 342: Voice Class 1
Prerequisite: MUA 262. Class instruction in vocal performance fundamentals.

MUC 343: Woodwind Instruments Class 1
Prerequisite: MUA 262. Class instruction in performance fundamentals of woodwind instruments of the band and orchestra.

MUC 345: Brass Instruments Class 1
Prerequisite: MUA 262. Class instruction in performance fundamentals of brass instruments of the band and orchestra.

MUC 347: Percussion Instruments Class 1
Prerequisite: MUA 262. Class instruction in performance fundamentals of percussion instruments of the band and orchestra.

MUC 349: Piano Pedagogy 1
Prerequisite: MUA 262. A study of the fundamentals and techniques of teaching piano in groups and to individual students of all ages.

Music Education

MUE 310: Keyboard Skills I 2
Prerequisite: Music Education Specialization and MUC 211 or passing score on the Piano Placement Examination. Instruction in piano designed to prepare the student for effective elementary and secondary level classroom teaching. One half hour private lesson per week and one hour class laboratory per week.

MUE 311: Keyboard Skills II 2
Prerequisite: Music Education Specialization and MUE 310. A continuation of MUE 310. Advanced study and preparation of choral accompaniments. Successful completion of the course requires a passing score on the Piano Proficiency Exam. One half-hour private lesson per week and one hour class laboratory per week.

MUE 325: Microcomputers and Media in the Music Classroom 3
Prerequisite: Music Education Specialization or consent of instructor or MUC 211. Development of knowledge and skill in the use of microcomputers, music technology, and media in the music classroom. Lab required. Field work required.

MUE 331: Fundamentals and Methods for the Elementary School Music Teacher 3
Prerequisite: Music Education Specialization, or consent of instructor, or MUC 211. A study of school organization and administration, methods, materials, and philosophies of teaching music and the design, administering, and interpretation of assessment measures in music in grades K-5. Lab required; field work required.

MUE 332: Fundamentals and Methods for the Secondary School Music Teacher 3
Prerequisite: Music Education Specialization, or consent of instructor, or MUE 331. A study of school organization and administration, methods, materials, and philosophies of teaching music, and the design, administering, and

interpretation of assessment measures in music in the secondary school. Lab required; field work required.

MUE 333: Fundamentals of Music for Early Elementary Teachers 3

Open to non-Music majors. A course designed to meet the needs of early elementary teachers (K-4), emphasizing singing, listening, creative activities, use of Orff instruments, and basic keyboard skills. Lab required; field work required.

MUE 348: Marching Band Techniques 1

Prerequisite: Music Education Specialization and MUA 262. A study of contemporary marching band techniques, styles, and trends with emphasis on drill writing and arranging for the marching band.

MUE 435: Vocal Methods and Literature 2

Prerequisite: Music Education Specialization and MUA 332. A study of the methods, materials, literature, and techniques of teaching choral/vocal music at the elementary and secondary levels. Lab and field work required.

MUE 437: Instrumental Methods and Literature 2

Prerequisite: Music Education Specialization and MUE 332. A study of the methods, materials, literature, and techniques of teaching instrumental music at the elementary and secondary levels. Field work required.

Music – Performance Ensemble

MUP 311: Opera/Musical Theatre Workshop 1

Open to auditioned vocal students. A performing group concentrating on the study and performance of operatic and musical theatre literature. May be repeated for credit.

MUP 355: Jazz Ensemble 1

Open to auditioned instrumental and vocal students. An ensemble designed to allow students an opportunity to perform music in the jazz idiom. May be repeated for credit.

MUP 357: Vocal Commercial Music Ensemble 1

Open to auditioned vocal and instrumental students. An introduction to essential skills for the vocal commercial musician. May be repeated for credit.

MUP 358: Instrumental Commercial Music Ensemble 1

Open to auditioned instrumental and vocal students. An introduction to essential skills for the instrumental commercial musician. May be repeated for credit.

MUP 375: Gospel Ensemble 1

Open to all students. A performing ensemble concentrating on traditional and contemporary gospel literature. May be repeated for credit.

MUP 381: Marching Band 1

Open to all students through audition. A performing ensemble engaged in the preparation for and performance at University functions, including athletic events. May be repeated for credit.

MUP 382: Symphonic Band 1

Open to all students through audition. A performing ensemble designed primarily for the general student desiring continuation of instrumental music experience. May be repeated for credit.

MUP 383: Small Vocal Ensemble 1

Open to auditioned vocal students. A mixed ensemble organized for the performance of chamber and special literature, including madrigals and motets. May be repeated for credit.

MUP 384: Pep Band 1

Open to all students through audition. A small performing ensemble engaged in the preparation for and performance at University functions, including athletic events. May be repeated for credit.

MUP 385: Wind Ensemble 1

Open to auditioned instrumental students. A select instrumental ensemble engaged in performance of literature in the wind repertoire. May be repeated for credit.

MUP 386: Concert Choir 1

Open to auditioned vocal students. A mixed performing ensemble organized for the study of sacred and secular choral literature. May be repeated for credit.

MUP 387: Instrumental Chamber Music–Woodwinds 1

Open to auditioned woodwind students. A study through performance of representative chamber literature for woodwind instruments. May be repeated for credit.

MUP 388: Instrumental Chamber Music–Brass 1

Open to auditioned brass students. A study through performance of representative chamber literature for brass ensemble. May be repeated for credit.

MUP 389: Instrumental Chamber Music–Percussion 1

Open to auditioned percussion students. A study through performance of representative chamber literature for percussion ensemble. May be repeated for credit.

MUP 390: Instrumental Chamber Music–Piano 1

Study and performance of music for piano in varied ensemble combinations. May be repeated for credit.

Music

MUS 099: Fundamentals of Music 3

Open to non-Music majors. An introduction to the fundamentals of music: clefs, scales, meters, and rhythms. Includes sight-singing, piano, ear training, and music terminology. (Does not count toward any of the Bachelor of Music degree requirements.)

MUS 101: Music Theory to 1450 3

Prerequisite: Successful completion of the Music Theory Placement Examination or MUS 099. Introduction to analysis and composition of music of the Middle Ages. Includes basic theoretical concepts, keyboard, ear training, sight-singing, and basic contrapuntal techniques.

MUS 102: Music Theory 1450-1650 3

Prerequisite: MUS 101. Introduction to basic concepts of music during the Renaissance and Baroque periods including cadences, non-chord tones, four-part harmonic writing, analysis, and contrapuntal techniques.

- MUS 103: Freshman Seminar in Music** 3
For all music majors. This course provides music majors with the necessary foundation to successfully complete their pre-professional experiences.
- MUS 130: Introduction to Music** 3
Open to non-Music majors. An introduction to the basic elements of music, its styles, and cultural history (including western art music, non-western music, jazz, and popular music).
- MUS 201: Music Theory 1650-1820** 3
Prerequisite: MUS 102. Culmination of Baroque and Classical harmonic and contrapuntal techniques, with emphasis on the music of J.S. Bach, Haydn, and Mozart.
- MUS 202: Music Theory 1820-1900** 3
Prerequisite: MUS 201. Compositional techniques of the nineteenth century from Beethoven through Brahms, with emphasis on the expanded chromatic harmony of the late nineteenth century.
- MUS 205: Music Composition I** 2
Prerequisite: MUS 102 or consent of instructor. Individual or class instruction in the basic elements of composition. Includes written assignments in various styles and mediums.
- MUS 206: Music Composition II** 2
Prerequisite: MUS 205. A continuation of MUS 205.
- MUS 207: Jazz Arranging and Composition I** 2
Prerequisite: MUS 102. Individual or class instruction in composition and arranging in both traditional and contemporary music idioms for small and large ensembles.
- MUS 208: Jazz Arranging and Composition II** 2
Prerequisite: MUS 207. A continuation of MUS 207.
- MUS 251: Introduction to Electronic Music** 2
Prerequisite: Consent of instructor. Introduction to musical acoustics, recording/editing techniques, the use of acoustically recorded sounds in electronic music, and the application of the synthesizer in composition.
- MUS 300: Counterpoint** 2
Prerequisite: MUS 202. A study of sixteenth and eighteenth century strict and free counterpoint, canon, invention, and fugue. Includes some twentieth century techniques.
- MUS 301: Form and Analysis** 2
Prerequisites: MUS 202. A study of basic musical forms and genres (phrases, sonata form, rondo form, fugal and variation procedures) with emphasis on the common practice period.
- MUS 305: Advanced Composition I** 2
Prerequisite: MUS 206. A continuation of MUS 206. Individual or class instruction based on the needs and interests of the students. One or more major compositional projects are required.
- MUS 306: Advanced Composition II** 2
Prerequisite: MUS 305. A continuation of MUS 305.
- MUS 321: Survey of Music History I** 3
Prerequisite: MUS 201; co-requisite: MUS 202 or consent of instructor. An introduction to world music and survey of the development of Western music from antiquity through the Medieval, Renaissance, and Baroque periods.
- MUS 322: Survey of Music History II** 3
Prerequisite: MUS 321. A survey of the development of Western music from the Classical period to the present time.
- MUS/AAS 323: African-American Music** 3
Open to non-Music majors. A study of the development of African-American music, including spirituals, blues, jazz, symphonic literature, and miscellaneous songs.
- MUS/AAS 325: Jazz History and Literature** 3
Open to non-Music majors. A survey of jazz, including its origins, major performers, and composers. All idioms and styles are studied using selected readings and recordings.
- MUS 333: Music of Africa and Asia** 3
Prerequisites: ENG 102 and IGS 200, or consent of instructor. African and Asian Music, its societal context, instruments, ensembles, vocal traditions, and dramatic/ritual use. Societies include Central African Republic, India, Indonesia, Japan, Nigeria, and Senegal.
- MUS 336: Phonetics and Diction** 1
Prerequisite: MUA 262. A study of English, German, Italian, and French diction in vocal music with the utilization of the International Phonetic Alphabet.
- MUS 350: Accompanying** 1
Prerequisite: Music major or consent of instructor. A study of the fundamentals and techniques of piano accompaniment. Includes assigned performances.
- MUS 352: Conducting I** 1
Prerequisite: MUA 262. A study of the fundamental principles and techniques of conducting.
- MUS 353: Conducting II: Choral** 2
Prerequisite: MUS 352. A study of advanced conducting techniques through performance and analysis of literature for the choral ensemble.
- MUS 354: Conducting II: Instrumental** 2
Prerequisite: MUS 352. A study of advanced conducting techniques through performance and analysis of literature for the large instrumental ensemble.
- MUS 403: Instrumental and Vocal Arranging** 2
Prerequisite: MUS 202. A study of instrumentation and arranging techniques for instrumental and vocal ensembles.
- MUS 424: Twentieth Century Music** 2
Prerequisites: MUS 301 and MUS 322. A study of major composers, styles, techniques, and literature of twentieth-century music.
- MUS 426: Music Literature I: Medieval-Baroque** 3

Prerequisites: MUS 301, MUS 322. A survey of the style characteristics of representative musical works from the Medieval, Renaissance, and Baroque periods.

MUS 427: Music Literature II: Classic and Romantic 3

Prerequisite: MUS 426. A continuation of MUS 426. A survey of the style characteristics of representative musical works from the Classic and Romantic periods.

MUS 428: Keyboard Literature 3

Prerequisite: MUS 322. An analytical and historical study of representative keyboard literature from the pre-Baroque to the present time.

MUS 429: Vocal Literature 3

Prerequisite: MUS 322. An analytical and historical study of representative vocal works from the sixteenth-century to the present time.

MUS 430: Instrumental Literature 3

Prerequisite: MUS 322. An analytical and historical study of representative instrumental works from the sixteenth-century to the present time.

NURSING

NUR 101: Nursing I * 8

Prerequisite: Admission to Nursing program. Focus on basic human needs and development, interpersonal relationships, and beginning skills of patient care. Clinical laboratory experience provided. (Four hours of lecture and eight hours of clinical laboratory per week) This course is used to evaluate the oral communication competency.

NUR 102: Nursing II 8

Prerequisite: NUR 101. Application of scientific nursing principles and techniques, therapeutic relationships, and behavioral concepts essential to psychiatric and general hospital patients. (Four hours of lecture, eight hours of clinical laboratory per week)

NUR 103: Transition to Associate Degree in Nursing (AND) 3

Prerequisite: Acceptance into the advanced placement nursing program. Assists the Licensed Practical Nurse to move into the role of the associate degree nurse. Includes selected content on physical and psychological needs.

NUR 201: Nursing III 10

Prerequisite: NUR 102. Preparation for giving family-centered nursing care and applying nursing principles/techniques in maternal care during maternity cycle/child care from conception through adolescence. (Five hours of lecture, ten hours of clinical laboratory per week)

NUR 202: Nursing IV 10

Prerequisite: NUR 201. Focus on developing a coordinated approach to planning and implementing nursing care for patients with major health disorders. (Five hours of lecture, ten hours of clinical laboratory per week)

NUR 203: Nursing V 2

Prerequisite: NUR 201. Seminar discussion of issues and trends in nursing, legal and ethical components, job opportunities, career satisfaction, continuing education, and professional responsibilities. (Two hours of lecture per week)

NUR 301: Application of Nursing Theory 2

Prerequisite: RN status. Overview of the current theories in nursing practice and application of these theories as they relate to care of the client and professional nursing. Students will be expected to complete assignments related to nursing theories of interest.

NUR 302: Nursing Research 2

Prerequisite: RN status. An introduction to the basic concepts of the research process and statistical analysis of research data. Students will be expected to conduct a small research study, discuss the research process and research ethics, analyze current nursing research, and write a research report.

NUR 303: Community Support Systems 4

Prerequisite: RN status. An examination of support systems within the community for health maintenance and promotion, especially for under-served populations. Focuses on public health issues confronting those of need in the community. Clinical focus: choose an area of interest in regard to community support systems. Four hours clinical practicum and two hours lecture per week.

NUR 304: Drug Therapy in Nursing 2

Prerequisite: RN status. An examination of pharmacotherapeutic agents across the life span. Discussion of the major classes of pharmacotherapeutic agents and nursing implications. Students will write a teaching plan for safe and effective medication administration for selected clients.

NUR 305: The Aging Population 4

Prerequisite: RN status. Prerequisite: RN status. Overview of the aging process, with emphasis on health maintenance and health promotion in older adults. Societal issues and misconceptions regarding aging will be examined. Clinical focus: A relevant issue in aging. Four hours clinical practicum and two hours lecture per week.

NUR 401: Transcultural Nursing 2

Prerequisite: RN status. Transcultural nursing principles related to culturally competent health care. Examination of different cultures and subcultures, health care benefits and values affecting health care delivery. The course includes group experiences related to cultural diversity.

NUR 402: Vulnerable Populations 4

Prerequisite: RN status. Examination of individuals and groups identified as under-served with regard to health care, including access and education. The homeless, mentally ill, chronically ill, and minorities will be among the groups examined. Clinical focus: Public health issues and a vulnerable population of student interest. Four hours clinical practicum and two hours lecture per week.

NUR 403: Nursing Leadership 4

Prerequisite: RN status. Nursing leadership and management principles and their application to professional nursing practice. The concepts of decision making, priority setting, delegating, conflict resolution, and management of nursing care will be discussed. Four hours clinical practicum and two hours lecture per week.

NUR 404: Teaching and Learning in Nursing 2
Prerequisite: RN status. Discussion of basic principles of teaching and learning. Students will identify client and/or student learning needs and develop and evaluate a teaching plan.

NUR 405: Pathophysiology 3
Prerequisite: RN status. This course provides the nursing professional an opportunity to synthesize concepts of disease processes across the life span with the goal of enhancing critical thinking, clinical decision making, and communication between health care professionals.

NUR 406: Nursing Assessment 2
Prerequisite: RN status. Offers the BSN student an opportunity to develop excellent assessment and screening skills. Focus is on a holistic approach across the life span. The student will be required to do an in-depth physical assessment.

PHYSICAL EDUCATION

PHE 101: Volleyball 1
Fundamental skills, techniques, terminology, and rules of volleyball. (Two labs per week)

PHE 102: Basketball 1
Fundamental skills, techniques, terminology, and rules of basketball. (Two labs per week)

PHE 103: Football (Flag) 1
Fundamental skills, techniques, terminology, and rules of flag football. (Two labs per week)

PHE 104: Softball 1
Fundamental skills, techniques, terminology, and rules of softball. (Two labs per week)

PHE 105: Soccer 1
Fundamental skills, techniques, terminology, and rules of soccer. (Two labs per week)

PHE 109: Beginning Swimming 1
Designed to teach students basic skills in swimming, diving, and water safety. (Two labs per week)

PHE 110: Beginning Tennis 1
Fundamental skills, techniques, terminology, and rules of tennis. (Two labs per week)

PHE 111: Track and Field 1
Fundamental skills, techniques, terminology, and rules of track and field. (Two labs per week)

PHE 112: Badminton 1

Fundamental skills, techniques, terminology, and rules of badminton. (Two labs per week)

PHE 113: Golf 1
Fundamental skills, techniques, terminology, and rules of golf. (Two labs per week)

PHE 115: Archery 1
Fundamental skills, techniques, terminology, and rules of archery. (Two labs per week)

PHE 116: Racquetball 1
Fundamental skills, techniques, terminology, and rules of racquetball. (Two labs per week)

PHE 117: Bowling 1
Fundamental skills, techniques, terminology, and rules of bowling. (Two labs per week)

PHE 118: Body Conditioning/Physical Fitness 1
Designed to help the student understand the basis of physical fitness and develop a systematic program of exercise. (Two labs per week)

PHE 121: Karate I 1
An introduction to physical and metaphysical aspects of the art of self defense, meditation, and relaxation. (Two labs per week)

PHE 122: Karate II 1
An advanced course for students who are serious about the pursuit of the martial arts. (Two labs per week)

PHE 123: Aerobic Dance I 1
Designed to improve the cardiovascular system and to promote an understanding of aerobics in the prevention of heart disease. (Two labs per week)

PHE 124: Aerobic Dance II 1
Assists students in determining their level of cardiovascular fitness and in designing a personal aerobics program. (Two labs per week)

PHE 131: Alpine Skiing 1
An individualized Alpine Skiing course taught by Certified Ski School instructors on the staff at SKI Butler. Individualized instruction at beginner, intermediate, advanced, and competition levels.

PHE 145: Intermediate Tennis 1
Prerequisite: PHE 110. Review of beginning tennis skills. Emphasis on strategy and improvement of skills. (Two labs per week)

PHE 200: Lifelong Leisure Activities 2
Prerequisite: PHE 109 or consent of instructor. Designed to teach basic skills related to water activities, golf, and bowling.

PHE 201: Team Sports Volleyball 1
Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of volleyball. (One lecture, one lab per week)

- PHE 202: Team Sports Basketball** 1
Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of basketball. (One lecture, one lab per week)
- PHE 203: Team Sports Football (Flag)** 1
Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of flag football. (One lecture, one lab per week)
- PHE 204: Team Sports Softball** 1
Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of softball. (One lecture, one lab per week)
- PHE 205: Team Sports Soccer** 1
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of soccer. (One lecture, one lab per week)
- PHE 209: Beginning Swimming** 1
Prerequisite: Physical Education major. Designed to teach students basic skills in swimming, diving, and water safety. Either from the educational or recreational setting. Education majors will develop activity appropriate lesson plans.
- PHE 210: Individual Sports Tennis** 1
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of tennis. (One lecture, one lab per week)
- PHE 211: Individual Sports Track and Field** 1
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of track and field. (One lecture, one lab per week)
- PHE 212: Individual Sports Badminton** 1
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of badminton. (One lecture, one lab per week)
- PHE 213: Individual Sports Golf** 1
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of golf. (One lecture, one lab per week)
- PHE 216: Individual Sports Racquetball** 1
Prerequisite: Physical Education major. Designed to expose students to intermediate and advanced techniques of performance and teaching strategies utilized in racquetball.
- PHE 218: Teaching Body Conditioning** 1
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of body conditioning and physical fitness. (One lecture, one lab per week)
- PHE 221: Karate I** 1
Prerequisite: Physical Education major. Designed to expose students to intermediate and advanced techniques of performance and teaching strategies utilized in Karate.
- PHE 222: Karate II** 1
Prerequisite: PHE 221. An advanced course designed for students who wish to advance to different belt levels.
- PHE 240: Intermediate Swimming** 1
Review of beginning swimming skills. Instruction in techniques of all strokes useful to recreational swimming. (Two labs per week)
- PHE 257: Elementary Rhythmic and Dance Activities** 2
Designed to expose the prospective teacher to a variety of rhythmic and dance activities. (One lecture, one lab per week)
- PHE 259: Movement and Gymnastic Activities for the Elementary School** 2
Designed to expose the prospective teacher to a variety of movement, gymnastic apparatus, stunt and tumbling activities. (One lecture, two labs per week)
- PHE 310: Army Fitness Program** 2
Designed to help students understand and participate in a physical fitness training program. (Three labs per week)
- PHE 320: Adapted Physical Education** 3
Prerequisite: PHE 331. Designed to familiarize students with conditions that limit individual participation in physical activity. (Two lectures, one lab per week)
- PHE 323: Principles of Physical Education** 3
An introduction to the historical, philosophical, biological, physiological, sociological, and political principles of physical education and sports. (Three lectures per week)
- PHE 324: Sports Injury: Prevention/Care** 3
Prerequisite: BIO 301. Designed to introduce the student to sports medicine. Laboratory experience is provided. (Two lectures, one lab per week)
- PHE 330: Physiology of Exercise *** 4
Prerequisite: BIO 301. Designed to present the physiological effects of exercise on the various body systems. (Two lectures, two labs per week)
- PHE 331: Kinesiology/Biomechanics** 4
Prerequisite: BIO 301. Designed to provide an understanding of the anatomical and mechanical aspects of human movement. (Three lectures, one lab per week)
- PHE 332: Motor Development/Motor Learning** 3
Prerequisite: EDU 302. Introduces students to major concepts of motor development and motor learning. Includes application of these concepts to the teaching of motor skills.
- PHE 333: Psychological and Sociological Aspects of Sports** 3
Prerequisite: PSY 200 or SOC 203. Aids the prospective teacher/coach to understand and apply the psychological and sociological concepts of sports and physical activity in the learning environment.

PHE 351: Lifeguard Training 2

Prerequisites: CPR Certification, HED 107, and PHE 240 or comparable skills. Leads to certification by the American Red Cross. (Two labs per week)

PHE 352: Water Safety Instructor 2

Prerequisite: PHE 240 or comparable skills. Training in teaching swimming. American Red Cross Water Safety Instructor certification upon successful completion. (Two labs per week)

PHE 355: Sports Officiating 2

Intensive study of playing rules, rule interpretation, and techniques and mechanics of officiating. (Two lectures, one lab per week)

PHE 380: Coaching Competitive Athletics 2

Introduction to the theories and practices pertaining to athletic performance and athletic management for coaching. (Two lectures per week)

PHE 381: Coaching Volleyball and Basketball 2

Theory, strategy, and mechanics of coaching volleyball and basketball. (Two lectures per week)

PHE 382: Coaching Track and Field Events 2

Theory, strategy, and mechanics of coaching track and field events. (Two lectures per week)

PHE 383: Coaching Soccer and Football 2

Theory, strategy, and mechanics of coaching soccer and football. (Two lectures per week)

PHE 384: Coaching Baseball and Softball 2

Theory, strategy, and mechanics of coaching baseball and softball. (Two lectures per week)

PHE 389: Legal Aspects of Coaching Athletics 2

Provides the student with knowledge and understanding of applications of law to the specific areas of school physical education and athletic programs. (Two lectures per week)

PHE 390: Scientific Basis of Coaching 2

Introduces the student to the scientific disciplines that undergird sound athletic coaching practices: sport psychology, bio-mechanics, and exercise physiology. (One lecture, one lab per week)

PHE 391: Psychology of Motor Learning 2

Provides the student with knowledge and understanding of skill acquisition and motor performance applicable when participating in sport activities. (One lecture, one lab per week)

PHE 401: Tests and Measurements for Health and Physical Education 3

Prerequisite: MAT 111. The theory of measurement and statistical techniques. Includes construction of tests and the measuring of physical fitness and motor performances. (Two lectures, one lab per week)

PHE 421: Organization and Administration of Health**and Physical Education 3**

Prerequisite: PHE 323. Introduces the student to the principles, organization, and administration of school health, physical education, and intramural and interscholastic sports programs. (Three lectures per week)

PHE 423: Advanced Techniques in Athletic Training 3

Prerequisite: PHE 324. Provides the students with advanced knowledge and understanding of athletic training including counseling, education, therapeutic modalities, rehabilitation techniques, and organization and administration of an athletic facility.

PHE 425: Athletic Training High Impact Field Experience 2

Prerequisite: PHE 423. Students obtain high impact field experience under the direct supervision of a certified athletic trainer.

PHE 426: Assessment Procedures in Athletic Training 3

Prerequisite: PHE 423. Provides the students with knowledge and skills necessary to perform evaluation and implement rehabilitation protocols to injured athletes. (Formerly PHE 424)

PHILOSOPHY**PHI 200: Introduction to Philosophy * 3**

An introductory study of some classical philosophical issues. Includes the mind-body problem; free will, determinism, and moral responsibility; and arguments concerning the existence of God.

PHI 210: Introduction to Logic 3

An introductory study of the art of reasoning. Attention to fallacies, inductive inference, traditional Aristotelian logic, and the modern logic of truth-functions.

PHI 310: Moral Philosophy 3

An introductory study of major issues in normative ethical theory and selected applied topics of social ethics, such as abortion and euthanasia.

PHI 330: Philosophy of Religion 3

An analytical and critical investigation of arguments concerning the existence and nature of God. Notions of survival after death and the epistemology of religious claims.

PHI 390: Bioethics 3

An exploration of ethical issues arising from modern biology and medicine, including altruism and sociobiology, abortion, birth control technology, euthanasia, and genetic engineering.

PHI 400: Metaphysics 3

Prerequisite: PHI 200 or 210 or consent of instructor. A critical investigation of arguments concerning categorical concepts including time, space, modalities of existence, and causality.

PHI 490: Survey of Basic Mathematical Logic 3

Prerequisite: PHI 210 or one course above MAT 111. A survey of sentential and quantificational language systems and their calculi. Includes proofs of functional completeness, meta-theorems, Goedel's proof, and elements of modal logic.

PHYSICAL SCIENCES

PHS 201: Physical Sciences I 3
Prerequisite: Either completion of or testing out of remedial mathematics courses. Introduction to basic principles of physical phenomena of the universe. Among the topics discussed are geology, planetary astronomy, and meteorology.

PHS 202: Physical Science II 3
Prerequisite: Either completion of or testing out of remedial mathematics courses. Introduction to basic principles of physical phenomena of the universe. Among topic discussed are stellar and galactic astronomy and space flight.

PHYSICS

PHY 111: Introduction to Physics I 3
Corequisite: MAT 111 or MAT 115 (may be taken concurrently). This course is an introduction to mechanics, gravitation, work and energy, electricity, optics, sound, atomic and nuclear physics. Included in the course are computer modeling and simulation exercises. (Two hours of lecture, two hours of laboratory per week)

PHY 112: Introduction to Physics II 3
Prerequisite: PHY 111. Corequisite: MAT 120. This course is an introduction to electricity, magnetism, light, molecular and atomic physics. (Two hours of lecture, two hours of laboratory per week)

PHY 207: Physics in Biological Science I 4
Prerequisite: MAT 120. A study of rigid-body mechanics, gravitation, friction, elasticity, harmonic motion, sound, fluid mechanics, heat transfer, and kinetic theory, with particular attention to living systems. Included in the course are computer modeling and simulation exercises. (Three hours of lecture, two hours of laboratory per week)

PHY 208: Physics in Biological Science II 4
Prerequisite: PHY 207. Continuation of PHY 207, with study of electricity, magnetism, electrical circuits, light, optical systems, molecular and atomic structure, and radiation. Included in the course are computer modeling and simulation exercises. (Three hours of lecture, two hours of laboratory per week)

PHY 211: General Physics I 5
Prerequisite(s): MAT 131, or consent of instructor. Study of the calculus-based description of rigid-body mechanics, harmonic motion, sound, thermometry, and heat transfer. Included in the course are computer modeling, simulation and programming exercises. (Four hours of lecture, two hours of laboratory per week)

PHY 212: General Physics II 5
Prerequisite: PHY 211 or MAT 132. Continuation of PHY 211. Electricity, magnetism, electrical circuits and devices, optics, atomic and molecular physics, kinetic theory and radiation physics are studied. Included in the course are computer modeling, simulation and programming exercises. (Four hours of lecture, two hours of laboratory per week)

PHY 311: Statics 3
Prerequisites: PHY 211 and MAT 132. The analysis of gravitational, elastic, and frictional forces in static rigid bodies and structures. Included in the course are computer modeling,

simulation and programming exercises. (Three hours of lecture per week)

PHY 320: Engineering Thermodynamics 4
Prerequisites: PHY 211 and MAT 132. Equations of state, energy, enthalpy, and entropy of several fundamental physical systems; includes laws of thermodynamics applied to these systems and to common engines. Included in the course are computer modeling, simulation and programming exercises. (Three hours of lecture, two hours of laboratory per week)

PHY 340: Engineering Electromagnetics 4
Prerequisite: PHY 212. Corequisite: MAT 231. Electric and magnetic forces; fields and potentials accompanying charge and current in vacuum/dielectrics/conductors. Motion of charged particles, electromagnetic waves, electrical circuits and devices. Included in the course are computer modeling, simulation, data acquisition, virtual instrumentation and programming exercises. (Three hours of lecture, two hours of laboratory per week)

PHY 361: Modern Physics 4
Prerequisite: PHY 212. PHY 320 is recommended. Corequisite: MAT 232. Kinetic theory of gases; bonding forces (liquids/solids); statistical thermodynamics; thermal, electrical, and magnetic properties; photon and electron characteristics; atomic and nuclear structures and radiations. Included in the course are computer modeling, simulation, data acquisition, virtual instrumentation and programming exercises. (Three hours of lecture, two hours of laboratory per week)

PHY 390: Special Topics in Physics * 3
Prerequisite: Permission of instructor. Selected topics for individuals or small groups of students. For Applied Mathematics, Pre-Engineering. The course will be the senior exit activity using topics from the Engineering in Training Exam. The course may be repeated twice for credit.

POLITICAL SCIENCE

POS 101: American Government 3
A study of the formal and informal institutions of American national government and politics, including the Constitution, the presidency, Congress, the federal court system, etc.

POS 160: State and Local Government 3
Prerequisite: POS 101 or consent of instructor. An examination of the structure and function of state and local political institutions, the forms of political participation, and various policy issues.

POS 201: Metropolitan Government 3
Prerequisite: POS 101 or consent of instructor. A study of municipal government and metropolitan problems, including politics, the role of the city council, the mayor, and the city manager.

POS 211: Introduction to Political Science 3
Prerequisite: POS 101 or consent of instructor. An introduction to the study of behavior in a political context, including an analysis of behavioral concepts such as political roles, groups, and power.

POS/PSY/SOC 300: Statistics for the BSS 3
Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in the behavioral and social sciences.

POS/PSY/SOC 301: Research Methods for the BSS 3
Prerequisite: POS/PSY/SOC 300 or consent of instructor. This course introduces the basic logic, knowledge, and skills of research design and methodology in the behavioral and social sciences.

POS 311: Comparative Government 3
Prerequisite: POS 211 or consent of instructor. An analysis of the major political systems of Europe, with emphasis on Great Britain, France, the German Federal Republic, and the Soviet Union.

POS 322: Legislative Process 3
Prerequisites: POS 101 and POS 160, or consent of instructor. A comprehensive study of legislative organization, procedures and problems governing the legislative power structure, the selection of legislators, and the roles they play.

POS 331: American Constitutional Law 3
Prerequisite: POS 160. An analysis of the constitutional development of separation of powers, federalism, the regulation of commerce, contracts, taxing and spending, and the state police power.

POS 355: Classical Political and Sociological Theory 3
Prerequisite: Consent of instructor. An examination of western political philosophy from Plato to Marx with emphasis on Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, and Marx.

POS 361: World Politics 3
An examination of the dynamics of world politics, international tension, conflict, and resolution.

POS 363: International Organizations 3
Prerequisite: Consent of instructor. An analytical examination of the origins and character of the various international organizations, especially the United Nations. Its importance, relevance, and roles as instruments for solving conflicts in the global system will be explored.

POS 431: The Constitution and Civil Liberties 3
Prerequisites: POS 160 and POS 211. An examination of constitutional development: the definition of American rights in the areas of freedom of speech, press, assembly, association, and religion.

POS 446: American Political Executives 3
Prerequisites: POS 201, POS 211, and POS 331 or consent of instructor. An analytical examination of the powers, duties, and functions of American political executives in national, state, and local governments.

POS 461: American Politics 3
Prerequisite: POS 160 or consent of instructor. An advanced political science course that addresses the American political heritage. Specific emphasis is placed on the Constitution, political behavior, and electoral systems.

POS 462: Politics of Developing Nations 3
Prerequisite: POS 211. A comparative analysis of political culture, processes, and problems of selected nations, the majority of which have become independent since World War II.

POS 464: African Politics 3
Prerequisite: Consent of instructor. A survey course designed to introduce students to African political structure, its historical background, the impact of colonization, recent trends, and ideologies.

POS 291, 391, 491: Political Science Internship I, II, III 3-12
Prerequisites: Political Science major or minor and consent of instructor. A semester or session of supervised practical experience to complement classroom instruction. Final grade, placement, and number of semester credit hours determined by student's advisor.

POS 495: Directed Study in Political Science 3
Prerequisite: Consent of instructor. Course content, instructional activities, and student assignments are tailored to specific needs.

POS 499: Senior Colloquium * 3
Prerequisite: Senior Classification. This course is designed to develop analytical skills, interpretation and research; and to nurture intellectual self-reliance and critical thinking.

PSYCHOLOGY

PSY 200: General Psychology 3
A first course in human behavior. Among the topics covered are heredity and environment, development of the individual, motivation, emotion, perception, personality, and abnormal behavior.

PSY/POS/SOC 300: Statistics for the BSS 3
Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in the behavioral and social sciences.

PSY/POS/SOC 301: Research Methods for the BSS 3
Prerequisite: PSY/POS/SOC 300 or consent of advisor or instructor. This course introduces the basic logic, knowledge, and skills of research design and methodology in the behavioral and social sciences.

PSY 303: Theories and Methods in Developmental Psychology 3
Prerequisite: PSY 200. Theories and research methods of developmental psychology, including psychoanalytic, cognitive, and behavioral methodologies. The development of language, personality, cognition, and social behavior are also explored.

PSY 304: Experimental Psychology 3
Prerequisites: PSY 200. May be taken concurrently with PSY 301. An introduction to laboratory procedures and the use of experimental designs to study psychological processes. A laboratory course.

PSY 320: History and Systems of Psychology 3

Prerequisite: PSY 200 or consent of instructor. Exploration of the history of psychology as a scientific approach to understanding behavior from the ancient Greeks to the present, with a focus on the last two centuries.

PSY 399: Seminar in Psychology

Prerequisites: PSY 200, or consent advisor or instructor. A specific area of psychology will be studied based on current trends and students needs. This course serves as a precursor to Senior Colloquium. Students begin work on their Senior Colloquium papers as part of this course.

PSY 400: Abnormal Psychology 3

Prerequisite: PSY 200. A study of the nature and concept of abnormality; problems and schemes of classification; and the theories, symptoms, etiology, and treatment of deviant behavior.

PSY 401: Personality Theory 3

Prerequisite: PSY 200. Major theories of personality and personality development are closely examined, including psychodynamics, behavioral, trait, humanistic, cognitive, and other approaches.

PSY 402: Industrial Psychology 3

Prerequisite: PSY 200. Application of general principles of psychology to the industrial setting with emphasis on job analysis; worker analysis; work-fatigue accidents; human engineering; and worker effectiveness.

PSY/SOC 403: Social Psychology 3

Prerequisites: PSY 200 and SOC 203 or consent of advisor or instructor. A study of social and individual dynamics, social roles, attitude formation and change with emphasis on behavioral variation and social control.

PSY 404: Psychological Assessment 3

Prerequisite: PSY 200. A survey course of broad categories into which psychological assessment instruments and techniques can be divided and the study of existing assessment instruments and techniques.

PSY 407: Theories in Psychotherapy 3

Prerequisites: PSY 200 or consent of advisor or instructor. Approaches to the treatment of mental disorders as examined from a multidisciplinary prospective.

PSY 408: Learning and Motivation. 3

Prerequisite: PSY 200. The examination of behavior through principles of classical, operant, and cognitive learning theories and research, and through theories and research regarding motivation.

PSY 409: Cognitive Psychology 3

Prerequisite: PSY 200. An intensive study of the growing field of cognitive psychology. The course explores concepts of memory, attention, thinking, and language with reflections on information processing and artificial intelligence.

PSY 410: Physiological Psychology 3

Prerequisite: PSY 200. The study of the neurophysiological bases of behavior, with emphasis on neuroanatomy and the physiology of learning, motivation, emotion, and sensation.

PSY 411: Sensation and Perception 3

Prerequisites: PSY 200. Human sensory and perceptual processes will be examined. Major theories and experimental findings will be presented. Includes laboratory assignments.

PSY 413: Social Cognition 3

Prerequisites: PSY 200. This course explores the interface between social psychology and cognitive psychology. The topics examined include attribution theory, schemas, affect, behavior, and research methods in social cognition.

PSY 490; 491; 492: Psychology Practicum I, II, and III1-6

Prerequisites: PSY 200, or consent advisor or instructor and advanced standing in psychology as either a Junior or a Senior. A directed reading, research, or pre-professional working/learning experience for advanced students in psychology. Usually taken independently and designed in collaboration with the instructor.

PSY 499: Senior Colloquium * 3

Prerequisite: Senior Classification. This course is designed to develop analytical skills, interpretation and research; and to nurture intellectual self-reliance and critical thinking.

PUBLIC ADMINISTRATION**PUA 301: Public Budgeting Processes 3**

An examination of the managerial components of budgetary processes in the government agencies.

PUA 302: Public Sector Management 3

A survey of the managerial issues in the government agencies including organization, personnel, budget, political accountability, clientele relations, and human resources development.

PUA 303: Research Methods in Public Administration 3

Prerequisite(s): PSY/POS/SOC 300 or CJE/SOW 400 or consent of instructor. Application of social science research techniques to the problems of public sector management. Development of analytical perspectives in evaluating administrative research reports.

PUA 304: Comparative Administrative Systems and Policies 3

An analysis of public management in selected nations with specific focus on the comparison of public policies, programs, and their implementations.

PUA 305: Contemporary Public Policy Issues 3

An overview of selected public policy issues in America. The choice of topics may include tax policy, health care, welfare, and foreign policy.

PUA 322: Management Information Systems 3

Prerequisites: COS 100 or BUA 101. This course examines technical, psychological and behavioral aspects of information systems, life cycles, and information controls.

PUA/HED/SOW 371: Introduction to Public Health 3

Prerequisite: HED 221 or consent of instructor. A survey course that develops an understanding and appreciation for factors affecting health status and its contribution to individual and community health.

PUA 400: Policy Analysis and Program Evaluation 3
Prerequisites: PUA 305 or consent of instructor. Analysis of the impact of programs and policies in the public sector.

PUA 401: Organizational Behavior and the Bureaucratic Structure 3
A study of behavior in public organizations and practical use of organizational theories in effective public management.

PUA 402: Human Resources Management in Public Agencies 3
An introduction to human resource management. The topics may include recruitment, personnel development, job analysis, productivity, employee assistance services, and grievance analysis.

PUA 404: African Public Administration and Policies 3
Compares the administrative system of Sub-Saharan African countries in light of prevailing political, legal, economic, and cultural influences.

PUA 491: Internship 3
Prerequisites: Declared major or minor in Public Administration; not already employed full-time in the field; prior permission of the instructor. Integrates theoretical perspectives with work as an intern in a public or non-profit setting.

PUA 495: Directed Study 3
Prerequisite: Senior classification or consent of the dean. An organized course of readings, oral and written reports, and examinations arranged by a faculty member whose areas of specialization coincides with the student's interest.

PUA 497: Special Topics 3
Prerequisite: Senior classification or consent of instructor. A seminar for the discussion of special topics in public administration. May be repeated once.

PUA 499: Senior Seminar * 3
Prerequisite: PUA 302, 303, 305, and 400, or consent of the dean. A capstone experience for public administration majors. The seminar will integrate theory and research with practice.

PUA 500: Perspectives on Public Administration 3
Provides conceptual perspectives on management in the public sector. Topics covered include public policy, organization theory, management, planning, financial management, leadership, and intergovernmental relations.

PUA 501: Quantitative Methods 3
A study of statistical measures from a managerial perspective and the use of social science package computer programs for doing statistical analyses.

PUA 503: Research Methods and Policy Analysis 3

Prerequisites: PUA 501 or consent of instructor. An introduction to skills and concepts useful for research involving analysis and evaluation of public policy and programs.

PUA 504: Organization Theory 3
Surveys the theories of complex organizations. Special emphasis will be placed on theories dealing with public bureaucracies.

PUA 505: Managerial Computer Applications 3
This course provides students with hands-on experience using computer operating environments, text processing, electronic spreadsheets, and data bases. Introduces management information systems theory and related ethical issues.

PUA 506: Human Resource Management in the Public Sector 3
Provides students with an overview of personnel management concepts and focuses on various functions and laws which comprise the public personnel management.

PUA 600: Seminar on American Administrative Institutions and Public Policies 3
This seminar is designed for extensive reading and critical discussions about American administrative institutions, political behavior, and public policies.

PUA 605: Public Sector Economics 3
This course provides an introduction to microeconomics and macroeconomics. Emphasis is on the leading indicators and the institutions which shape public policy.

PUA 606: Grant Proposal, Development and Writing 3
A study of the technicalities and behavior patterns involved in writing grant proposals for government agencies and non-profit foundations. Hands-on experience in writing proposals provided.

PUA 607: Budgeting in Government Agencies 3
Applies budgetary principles and theories to the actual preparation of sample budget documents in the local, state, and federal agencies. Critical analysis of budget documents carried out in a series of classroom exercises. Use of computer program in budget preparation will be introduced.

PUA 612: Human Resource Law 3
Prerequisites: PUA 506. Introduces students to varying regulations and concepts with which they must deal in administering the personnel functions of an organization.

PUA 614: Applied Human Relations 3
Applies human relations theory and practice to the public sector to develop a people-in-systems focus that will meet the needs of government workers.

PUA 615: Personnel Assessment 3
Prerequisites: PUA 506. Examines techniques used to make decisions concerning personnel selection, promotion, and performance appraisal. Documentation requirements, EEO concerns, and other issues affecting employee assessment are examined.

PUA 631: Seminar on Comparative and International Administration 3

Analyzes systems of public management and their political environment in selected countries of Africa, Asia, Europe, and Latin America.

PUA 632: Seminar on Comparative Economic Systems 3

Surveys economic systems of Western, Communist, and less developed countries. Topics include economic problems of developing nations and the impact of global political and economic trends.

PUA 633: Seminar on Development Administration 3

This course analyzes international development programs from managerial perspectives. Topics for discussion include program management, technology transfer, foreign aid, and administrative modernization.

PUA 680: Management Information Systems Administration 3

Prerequisites: PUA 505 or consent of instructor. This course introduces the student to the terminology, techniques and tools necessary for the public sector information systems administrator. The theoretical basis is in systems analysis and design, Decision Support Systems (i.e., management science and operations research), and computer/human interfaces.

PUA 681: Applied Advanced Statistical Methods 3

Prerequisites: PUA 501 or consent of the instructor. Advanced study of statistical techniques to analyze public sector data using computer programs.

PUA 682: Seminar on Management Information Systems (MIS) 3

Prerequisites: PUA 680 or consent of the instructor. Topics include the use of computer hardware and software to retrieve data, manage databases, model alternatives, and prepare reports.

PUA 683: Decision Support Systems 3

Prerequisites: PUA 680 or consent of the instructor. This course combines theory with the practical techniques of PERT, CPM, linear programming, modeling, "what if" analysis, break even analysis, and decision trees.

PUA 685: Ethics for Public Sector Management 3

Enables students to recognize ethical dilemmas in public sector management, develop their skills of ethical analysis, and to be aware of their own personal moral judgments.

PUA 687: Advanced Topics in Public Administration 3

Focus on issues of current interest in the public sector. Topics include the determination, review, and analysis of timely public affairs topics. May be repeated once.

PUA 689: Directed Study 3

Completion of approved project designed to provide the student with an opportunity to develop an area of expertise not covered by the regular curriculum.

PUA 691: Human Resource Management Seminar 3

Prerequisites: PUA 506. Applied public sector personnel management as viewed from the theoretical, legal, and

practical perspective. Special emphasis on the development of personnel policies and plans.

PUA 692: Seminar on International Personnel Systems 3

Prerequisite: PUA 631 or consent of instructor. Analyzes personnel systems and their managerial issues in the selected countries of Europe, Asia, Africa, and Latin America.

PUA 699: Internship in Public Administration 3

Prerequisite: Not already employed full-time in the field; prior permission of the instructor. Integrates theoretical perspectives with work as an intern in a public or non-profit setting.

PUA 797: Residence Credit for Thesis/Professional Project 0

MPA students who have already earned 6 semester credit hours in PUA 798 and 799 may be registered for this course which will enable them to use university resources for research.

PUA 798: Professional Project 3

Prerequisite: Approval by a Public Administration faculty committee. Completion of a project approved by the committee involving direct participation in a government or volunteer agency, public interest group, or similar organization. Oral defense is required. May be repeated once.

PUA 799: Thesis 3

Prerequisite: Previous approval by a Public Administration faculty committee. Independent and original research on a specialized topic in Public Administration. Oral defense is required. May be repeated once.

RECREATION

REC 101: Introduction to Recreation 3

Special attention is given to the history of recreation, principles of organization, finance, administration, and supervision.

REC 201: Recreational Games and Sports 3

Prerequisite: REC 101 or approval of chairperson. The theory and practice of teaching recreational games and sports needed in developing sound recreational programs.

REC 322: Inclusion and Special Recreation 3

Prerequisite: REC 101 or approval of chairperson. Introduces students to the philosophy, objectives, and basic concepts of inclusive recreation. Field work required.

REC 343: Organization and Administration of Playgrounds and Recreation 3

Focus on city problems as related to play and recreation, planning, authority and responsibility, programs, leagues, tournaments, equipment, supplies, and public relations.

REC 364: Camping and Camp Counseling 3

Prerequisite: REC 101 or approval of chairperson. Includes theories and philosophies of camping and camp counseling.

Emphasis on organizing and administering practical experiences in camping.

REC 390: Recreation Clinical Experience 3
Prerequisites: PHE 355, REC 101, REC 201, REC 322, and senior classification. Course provides clinical experience in recreation dealing specifically with special populations.

REC 400: Recreation Field Experience 3
Prerequisites: PHE 355, REC 101, REC 201, REC 322, and junior classification. Students engage in supervised leadership experiences in recreation agencies.

RELIGIOUS STUDIES

REL 201: Topics in Religion 3
A survey of various questions and topics of the world's major religious traditions. Emphasizes historical, anthropological, and symbolic analysis and understanding.

REAL ESTATE

RES 101: Principles of Real Estate 3
Introduction to areas of real estate as a professional field, including brokerage, agreements of sales, deeds, financing of real estate, mortgages, judgments, valuation appraisals and license law.

RES 102: Real Estate Marketing 3
Covers ownership rights, liens, taxes, assessments, and other claims on real property.

RES 104: Real Estate Law 3
Equips students with an understanding of legal principles governing real estate transactions with attention to sales, contracts, deeds, mortgages, title insurance, taxes, community property, and homestead law.

RES 201: Real Estate Valuation 3
Introduction to the real estate market, including land values, construction costs, residential and commercial appraisals, and transactions of rental income into present value.

RES 202: Residential Construction 3
Introductory course in design and construction of single family residences. Topics include site orientation, architectural styles, structural styles, interior planning, and construction methods and materials.

RUSSIAN

RUS 171: Elementary Russian I 3
An introduction to the basics of Russian language and culture.

RUS 172: Elementary Russian II 3

Prerequisite: RUS 171 or consent of instructor. A continuation of RUS 171 with emphasis on Russian grammar, pronunciation, vocabulary and some writing.

SOCIOLOGY

SOC 201: Economics of Food and Agriculture 3
The course offers an introduction to agriculture economics and some basic tools and concepts essential to economic decision making.

SOC 202: Rural Communities: Legacy and Change 3
Social problems of small communities are examined in changing rural America. The approach is sociological but interdisciplinary incorporating historical analysis and political economy.

SOC 203: Principles of Sociology 3
Survey of the basic principles and concepts of sociology.

SOC/POS/PSY 300: Statistics for the BSS 3
Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in the behavioral and social sciences.

SOC/POS/PSY 301: Research Methods for the BSS 3
Prerequisite: SOC/POS/PSY 300 or consent of instructor. Introduces the basic logic, knowledge, and skills of research design and methodology in the behavioral and social sciences.

SOC 303: Cultural Anthropology 3
Prerequisite: SOC 203. Introduction to the scientific study of human culture; the examination of the ecological, historical, and evolutionary foundations of culture.

SOC 304: Race and Ethnic Relations 3
Prerequisites: SOC 203, HIS 101, and HIS 102. A sociological analysis of modern race and ethnic relations with attention given to black-white interaction, race prejudice, discrimination, cultural differences, and socio-cultural dynamics.

SOC 305: Contemporary Social Problems 3
Prerequisite: SOC 203. An examination of social issues and conflicts of society from a sociological perspective.

SOC 312: The Sociology of Poverty 3
Prerequisite: SOC 305. Investigation of the socio-cultural factors that contribute to poverty and deprivation in rural and urban settings.

SOC 314: Demography 3
Prerequisites: SOC 203 and SOC 300. Examination of the factors that affect growth, size, composition, and distribution of human populations; the components of population change and their relationship to socio-cultural variables.

SOC 320: Social Stratification 3
Prerequisite: SOC 203 or consent of instructor. Study of systems of social ranking in societies. Attention is focused on social classes in American societies and the distribution of power, prestige, and privileges.

SOC 343: Juvenile Delinquency 3
Prerequisite: SOC 203. The prerequisite may be taken concurrently. Study of the causes of delinquency as revealed through personal, family, and community-situational conditions.

SOC 350: Urban Sociology 3
Prerequisite: SOC 203. The prerequisite may be taken concurrently. Examination of social processes, including the emergence of leadership, the structure of authority, and the differentiation between and among urban institutions.

SOC 400: Internship 3
The internship offers experiential learning wherein students are assigned to research and agriculture extension mentors. The objective is to encourage careers in agriculture through direct experience.

SOC/PSY 403: Social Psychology 3
Prerequisite(s): PSY 200 and SOC 203, or consent of instructor. A study of social and individual dynamics, social roles, attitude formation and change with emphasis on behavioral variation and social control.

SOC 405: Sociological Theory 3
Prerequisite: Junior classification in Sociology. The social, cultural, and intellectual foundations of sociological theory.

SOC 423: Criminology 3
Prerequisite: SOC 203. The latter prerequisite may be taken concurrently. A study of criminology from the classical schools to the present, with special units on the professional criminal and white collar crime.

SOC 428: Applied Sociology 3
Prerequisite: Junior classification in Sociology. Examination of a broad range of perspectives for the application of sociological principles and techniques to human environmental problems and conditions.

SOC 430: Child Welfare Services 3
An historical analysis of child welfare as an institution and an in-depth study of programs, policies, practices and their impact on children, youth and families.

SOC 431: Social Change 3
Prerequisites: SOC 203 and 9 additional semester credit hours earned in upper-level Sociology courses. Open to seniors only. A seminar in which students present and defend independently developed projects on the dynamics of change.

SOC 490, 491, 492: Sociological Practicum I, II, III 1-6
Prerequisite: Consent of instructor. A directed reading, research, or pre-professional working-learning experience for selected students in sociology.

SOC 499: Senior Colloquium * 3
Prerequisite: Senior Classification. This course is designed to develop analytical skills, interpretation and research; and to nurture intellectual self-reliance and critical thinking.

SOW 201: Career Choices in the Human Service Professions 3
An overview of professional practice for potential Social Work majors. Exposes students to various professional roles and encourages examination of Social Work as a career.

SOW 306: Human Behavior I 3
Prerequisite: SOW 201 or consent of instructor. Analyzes the development and behavior of persons from conception through young adulthood: biological, psychological, social, and cultural factors are examined.

SOW 307: Human Behavior II 3
Prerequisite: SOW 306 or consent of instructor. A continuation of Human Behavior I, this course examines human growth and development from middle-adulthood through old age.

SOW 308: Dynamics of Marriage and the Family 3
Prerequisite: SOC 203 or consent of instructor. An examination of diversity and change in marriage, family life, and women's roles and status, identifying areas of concern to helping professionals.

SOW 310: Foundations of Social Work Practice 3
Prerequisite: SOW 201 or consent of instructor. Provides the theoretical foundation for generalist practice, applying systems thinking to activities in the human services. Examines Social Work functions and tasks for effective service delivery.

SOW 314: Basic Skills for Human Services Professions * 3
Prerequisite: SOW 310 or consent of instructor. Provides students an opportunity to develop skills in communication, interviewing, purposeful observation, recording, problem identification, and record keeping.

SOW 315: Advanced Skills in Social Work Methods 3
Prerequisites: SOW 308 and SOW 314. Development of techniques and skills in problem-solving with families, groups, communities, and organizations. Selected frameworks for Social Work intervention are explored.

SOW 321: Social Welfare Policies, Issues, and Programs 3
Prerequisite: SOW 201 or consent of instructor. Historical and philosophical development of social welfare as an institution and Social Work as a profession. Policy structures of public and private agencies are examined.

SOW 322: Social Welfare Policies, Issues, and Programs II 3
Prerequisites: SOW 310 and SOW 321, or consent of instructor. Analysis and interpretation of social welfare policies, programs and issues. Examines the influence of movements, ideologies, political conditions, and sociocultural attitudes on social welfare.

SOW/HED/PUA 371: Introduction to Public Health 3
Prerequisite: HED 221 or consent of instructor. A survey course that develops an understanding and appreciation for

SOCIAL WORK

factors affecting health status and its contribution to individual and community health.

SOW/CJE 400: Statistics for Social Work 3
Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in Social Work with an emphasis on applied methods.

SOW 401/CJE: Research Methods for Social Work 3
Prerequisite: SOW 400 or consent of instructor. Introduces the basic logic, knowledge, and skills of research design and methodology in Social Work.

SOW 422: Field Instruction I 6
Prerequisite: Admission to Social Work Program. An educational experience under faculty direction in an approved social service agency. Students work approximately 24 hours per week providing services to various client systems.

SOW 423: Social Work Seminar I 3
Prerequisites: SOW 322 and consent of faculty. Corequisite: SOW 422. Students integrate knowledge, values, and skills learned in the classroom with their practice experience in an agency.

SOW 424: Field Instruction II 6
Prerequisites: SOW 422, SOW 423, and consent of faculty. Under faculty supervision, students work 24 hours per week in an approved social service agency.

SOW 425: Social Work Seminar II 3
Prerequisites: SOW 422, SOW 423, and consent of faculty. Taken in conjunction with SOW 424. Students are offered an opportunity to refine skills in problem-solving as a final preparation for professional practice.

SOW 430: Child Welfare Services 3
An historical analysis of child welfare as an institution and an in-depth study of programs, policies, practices, and their impact on children, youth, and families.

SOW 497: Special Topics in Social Work 3
A seminar for the discussion of specific topics concerning Rehabilitation Counseling offered by the University of Kentucky. May be repeated for credit no more than four times (12 hours of credit).

SPANISH

SPA 101: Elementary Spanish I 3
An introductory Spanish course with emphasis on elementary grammar, vocabulary building, reading and listening comprehension. Not for students with prior background in Spanish.

SPA 102: Elementary Spanish II 3
Prerequisite: SPA 101 or equivalent (prior background in Spanish or departmental test scores). Continuation of Spanish 101 with advanced work in grammar, vocabulary building, reading and listening comprehension.

SPA 201: Intermediate Spanish I 3
Prerequisite: SPA 102 or equivalent (prior background in Spanish or departmental test scores). More advanced work in grammar, vocabulary building, reading and listening comprehension, beginning emphasis on pronunciation and oral expression. Conducted in both Spanish and English.

SPA 202: Intermediate Spanish II 3
Prerequisite: SPA 201 or equivalent (prior background in Spanish or departmental test scores). Continuation of SPA 201 with greater emphasis on pronunciation and oral expression. Conducted in both Spanish and English.

SPA 303: Advanced Spanish I 3
Prerequisite: SPA 202 or equivalent. Intensive review of grammatical structures, with emphasis on reading, writing, speaking, and listening comprehension. Conducted in both Spanish and English.

SPA 304: Advanced Spanish II 3
Prerequisite: SPA 303 or equivalent. Intensive conversational practice to develop fluency, clarity, and precision in oral expression of ideas. Conducted in Spanish.

SPA 401: Survey of Peninsular Literature 3
Prerequisite: SPA 303. A study of the social, economic, cultural and political life of Spain, combined with a study of representative authors and movements. Conducted in Spanish.

SPA 402: Survey of Latin-American Literature 3
Prerequisite: SPA 303. A study of the social, economic, cultural and political life of Latin-America and Brazil, combined with a study of representative authors and movements. Conducted in Spanish.

SPEECH

SPE 101: Oral Communication 3
Placement required concurrently with ENG 103 and ENG 099. An introduction to structured oral communication, concentration on the development and delivery of informative messages.

SPE 103: Interpersonal Communication 3
The verbal and non-verbal aspects of human communication. Emphasis is placed on roles played by self-esteem, perception, trust, conflict, language, values, etc.

SPE 200: Public Speaking * 3
Prerequisite: SPE 103. Deals with the preparation, delivery, and evaluation of speeches. Emphasis is placed upon the impromptu, the extemporaneous, and the written speech.

SPE 201: Group Discussion and Debate 3
The theory and practice of small and large group discussion, and formal and informal debate strategies, emphasizing the individual's role within the group and on debate.

SPE 302: Interracial/Intercultural Communication 3
Prerequisite: SPE 103. The study of communication strategies in different cultural and racial groups.

SPE 304: Oral Interpretation 3
Prerequisite: SPE 103. Designed to equip the student with techniques for effective oral interpretation of such literature as the Bible, the Classics, dramatic literature, and poetry.

SPE 310: Persuasive Speaking 3
Prerequisite: SPE 103. The study of the rhetorical aspects of speech in persuasive styles. Emphasis is placed on gathering, structuring, and orally presenting persuasive data.

SPE 315: Voice and Diction 3
Prerequisite: SPE 200. A basic course offered to acquaint the student with the social, physiological, psychological, phonetic, and linguistic bases of speech communication.

SPE 401: Institutional Communication 3
Prerequisite: Consent of faculty. Designed to acquaint the students with organizational structures and how they develop internal and external communication systems.

SPE 402: Public Relations 3
Prerequisite: Consent of faculty. Study of public relations concepts. Students are given the opportunity to practice public relations theory in a variety of activities and organizations.

THEATRE

THE 107, 207, 307, or 407: Theatre Practicum I-IV 1
Practical, supervised work with actual theatre productions. May be selected as performance or technical practicum in accordance with casting and other needs of stage productions.

THE 200: Introduction to Dance 3
A survey of the history and aesthetics of dance in relation to society and to the other arts. Includes instruction in basic dance techniques.

THE 204: Introduction to Theatre 3
Through readings, lectures, demonstrations, and active participation behind the scenes in an actual production, the student becomes familiar with theatre history, design, and tradition.

THE 210: World Drama 3
Prerequisite: ENG 211. Study of western world dramatic literature from antiquity to Ibsen. Emphasis is on works which are examples of the major periods of drama.

THE 220: Modern Drama 3
Prerequisite: THE 210. A study of dramatic literature from Ibsen to the present, illustrating the literary, historical, and social development of the modern era.

THE 250: Acting 3
Laboratory class in the fundamentals, techniques, and practice of stage credibility and acting, emphasizing development of relaxation, self-exploration, stage presence, and other acting skills and actual participation in a live performance.

THE 260: Music Theatre I 3
Prerequisite: THE 250. Development of skills in energizing, concentrating, and structuring. Energy concepts include physical, vocal, mental, and emotional energy. Concentrating concepts includes conceptualization and imagination.

THE 300: Interpretive Dance 2
Prerequisite: THE 200 or consent of instructor. Theory and practice of techniques and composition. Emphasis is placed on execution of dance techniques for theatrical productions.

THE 305: Theatre History 3
Prerequisite: THE 204. A survey of theatre from its primitive origins through the emergence of modern drama. Study of content and trends in dramatic literature and play production.

THE 360: Music Theatre II 3
Prerequisite: Audition. A continuation of skills stressed in Music Theatre I. Emphasis on singing, moving, isolation of vocal mechanisms, physical response, reflecting, and rhythmic patterns.

THE 380: Play Directing 3
Prerequisite: THE 250. A study of play direction and play analysis, blocking, line learning, and correct character portrayal. Students prepare a prompt book which details the director's plans.

THE 404: Stage Craft 3
Study and guided practice in the theory, principles, techniques, materials, and development through plans of scene and lighting design for the contemporary theatre.

THE 408: Black Theatre 3
Prerequisite: THE 204. Study of goals, careers, problems, dreams, and accomplishments of Black playwrights, actors, directors, choreographers, designers, critics, and theatre groups.

THE 410: Seminar in Theatre 2
Prerequisite: Consent of faculty. Examination and discussion of the styles of theatre practices with special emphasis on elements of production relating to stylistic conception.

UNIVERSITY COURSES

UNV 101: University Orientation 3
This course is designed to help students make a smooth transition (academic and social) to University life. The mechanics of the academic process, the resources and facilities available to them, and the environment in which they can develop new friendships and enjoy new experiences are addressed; a service learning component is required.

UNV 370: PRE*PAIR--Preparing for and Succeeding in Graduate School 2
This course is designed to strengthen knowledge skills in subject areas that are considered particularly relevant to gaining admission to and succeeding in graduate degree programs.

WHITNEY YOUNG COLLEGE

WYC 101: Liberal Studies Seminar I 4

Introduction to the history of the ancient world through the Hellenistic period, followed by seminars on the greatest books of the time. Readings from Homer, Sophocles, Plato, Aristotle, the Old Testament, and Confucius. Open to non-WYC students.

WYC 102: Liberal Studies Seminar II 4

Prerequisite: WYC 101 or consent of instructor. Introduction to history from Roman times through the high Middle Ages, followed by seminars on the greatest books of the time. Readings from Virgil, Boethius, Aquinas, Dante, the Baghavad Gita, the New Testament, the Koran, and Al-Ghazali. Discussion of African and European art. Open to non-WYC students.

WYC 121: Math-Science I: Classical Geometry and Astronomy 4

Euclid's Elements. Properties of straight lines, triangles, and circles; application of areas; theories of ratio and proportions; applications to astronomical phenomena.

WYC 122: Math-Science II: The Scientific Revolution 4

Prerequisite: WYC 121. The origins of the Scientific Revolution. The transition from ancient to early modern astronomy and physics. Readings from Ptolemy, Copernicus, Galileo, and others.

WYC 131: Beginning Classical Greek I 3

The same course as WYC 111 but without the English composition component. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-WYC students.

WYC 132: Beginning Classical Greek II 3

Prerequisite: WYC 131. The same as WYC 112 but without the English composition component. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-WYC students.

WYC 141: Elementary Latin I 3

The same course as WYC 115 but without the English composition component. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-WYC students.

WYC 142: Elementary Latin II 3

Prerequisite: WYC 141. The same course as WYC 116 but without the English composition component. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-WYC students.

WYC 143: Writing Lab I 1

Study of the principles of good writing and practice in writing organized, coherent, thesis papers.

WYC 144: Writing Lab II 1

Prerequisite: WYC 143. Study of the principles of good writing and practice in writing organized, coherent, thesis papers.

WYC 201: Liberal Studies Seminar III 4

Prerequisite: WYC 102 or consent of instructor. Introduction to history from the Renaissance through the French Revolution, followed by seminars on the greatest books of the time. Readings from Chaucer, Machiavelli, Montaigne, Descartes, Pascal, Shakespeare, Hobbes, Locke, and Rousseau. Open to non-WYC students.

WYC 202: Liberal Studies Seminar IV 4

Prerequisite: WYC 201 or consent of instructor. Introduction to history during the nineteenth and twentieth century, followed by seminars on the greatest books of the time. Readings from M. Shelley, Thoreau, Melville, Marx, F. Douglass, Joyce, and T.S. Eliot. Open to non-WYC students.

WYC 211: Language III: English Narrative and Dramatic Literature 4

The literary uses of language in narrative and dramatic genres, including medieval English epics, Shakespearean tragedy and comedy, and modern African-American fiction. Attention is given to literary analysis and to effective composition.

WYC 212: Language IV: English Lyric Poetry 4

The literary uses of language in lyric poetry from the English-speaking world. Attention is also given to advanced composition.

WYC 221: Math-Science III: The Mechanical Universe 4

Prerequisite: WYC 122. The triumph of Newtonian mechanics and its significance. Concepts of mass, motion, force, and gravity are explored.

WYC 222: Math-Science IV: The Biological Revolution 4

Evolutionary theory and its relation to genetics. The background to and development of Darwin's theory of evolution. The search for the carrier of the genetic code and the discovery of DNA. Readings from such authors as Aristotle, Paley, Lamarck, Darwin, Mendel, Watson, and Crick. Open to non-WYC students.

WYC 241: Intermediate Classical Greek I 3

Prerequisites: WYC 112 or WYC 132 or consent of instructor. Reading and translation of authors such as Plato, Xenophon, and Demosthenes. Open to non-WYC students.

WYC 242: Intermediate Classical Greek II 3

Prerequisites: WYC 241 or consent of instructor. Reading and translation of a play by Sophocles or Euripides. Open to non-WYC students.

WYC 251: Intermediate Latin I 3

Prerequisites: WYC 116 or WYC 142 or the equivalent. Reading and translation of literature in Latin. Open to non-WYC students.

WYC 252: Intermediate Latin II 3

Prerequisite: WYC 251 or the equivalent. Continued close reading and translation of literature in Latin. Open to non-WYC students.

WYC 301: Seminar I: Ethics and Leadership 4

Seminar on the great books of the past as well as on contemporary literature pertaining to questions of ethics and leadership. Open to non-WYC students.

WYC 302: Seminar II: Science, Religion, and Ethics 4
Seminar on the great books of the past as well as on contemporary literature pertaining to questions of science, religion, and ethics. Open to non-WYC students.

WYC 311: The Uses of Language 3
Classical and contemporary rhetoric: The study of how language is used for practical purposes, especially argument and persuasion. Open to non-WYC students.

WYC 331: Preceptorial I 3
Intensive analytical work on texts chosen by tutors to complement the regular work in seminars and tutorials. Significant compositional work will be assigned. Open to non-WYC students.

WYC 332: Preceptorial II 3
Intensive analytical work on texts chosen by tutors to complement the regular work in seminars and tutorials. Significant compositional work will be assigned. Open to non-WYC students.

WYC 351: Great Lives 3
Reading, discussion, and lectures focused upon the distinctive features of the lives of outstanding men and women. The readings are mainly comprised of biographies and autobiographies, some history, and works of fiction which help illuminate the concept of the heroic individual. Open to non-WYC students.

WYC 352: Comparative Cultures 3
The course is designed to elucidate the nature of culture and of particular cultures, considering a great variety of cultural forms and practices. Reading and discussion of various African, European, and Oriental cultures. Open to non-WYC students.

WYC 401: Seminar III: Philosophy and Literature 4
Seminar on the great books of philosophy and literature. Open to non-WYC students.

WYC 421: Issues in the Human Sciences 3
A practical and theoretical study of basic issues and methods in the human sciences which integrates philosophical reflection, research experience, and an introduction to probability and statistics. Readings range from seventeenth century definitions of this new science through twentieth century debates. Open to non-WYC students.

WYC 431: Preceptorial III 3
Intensive analytical work on texts and topics chosen by tutors to complement the regular work in the seminars and tutorials. Extensive writing expected. Open to non-WYC students.

WYC 432: Preceptorial IV 3
Intensive analytical work on texts and topics chosen by tutors to complement the regular work in the seminars and tutorials. Extensive writing expected. Open to non-WYC students.

WYC 441: Senior Essay * 3
Independent study leading to a research honors essay on a topic chosen by the student and two readers. Weekly meetings with tutor. Use of secondary sources should receive secondary

emphasis, but should cultivate the student's own critical thinking and demonstrate his/her readiness to join the discussion among published writers on the topic.

WYC 491: Guided Leadership Studies 3
Prerequisites: Liberal Studies major or minor or International Studies minor and consent of instructor. A semester of supervised practical experience to complement classroom instruction, that will help prepare a student for leadership in his or her area of educational or career interests. Placement: determined by course instructor and student's advisor.

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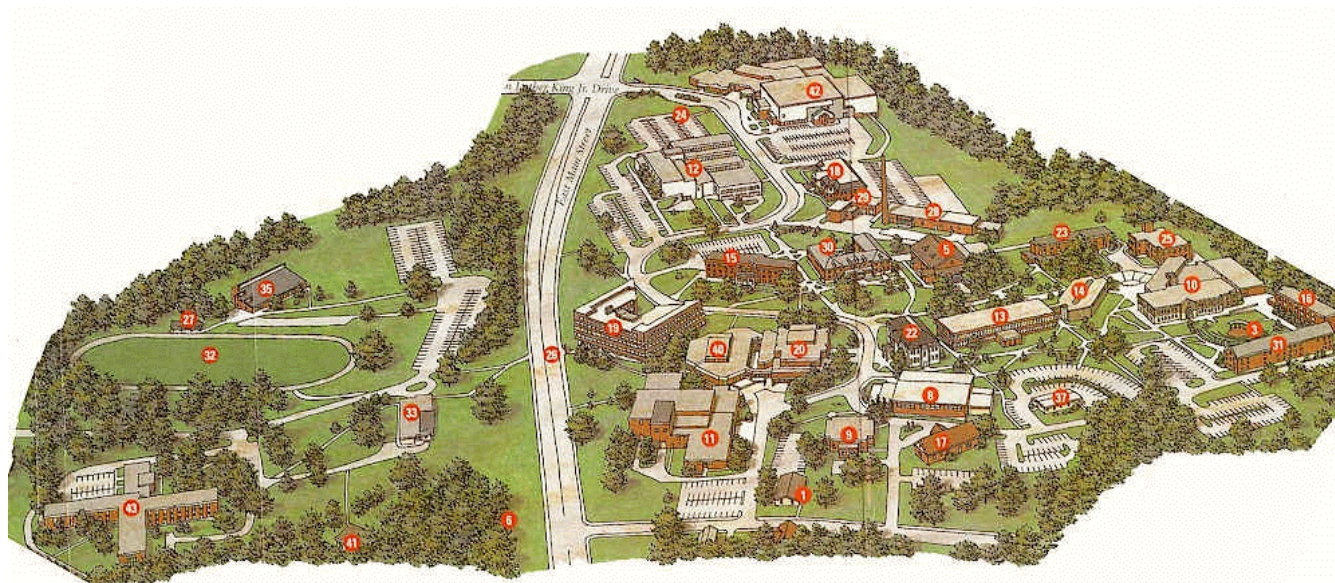
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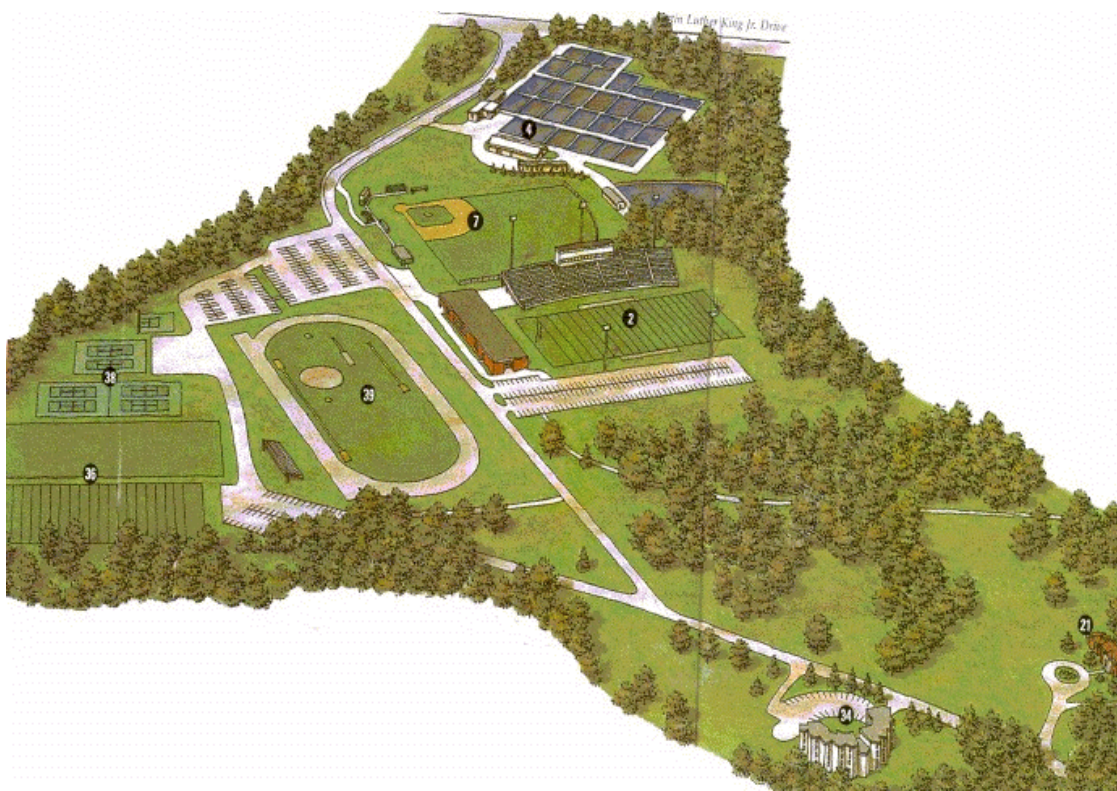
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