KENTUCKY STATE
UNIVERSITY

Kentucky State University

Undergraduate Catalog

2021-2022

For more information, please call us toll-free:
Admissions — 502-597-6813
KSU Directory Assistance — 877-367-5978 or 502-597-6000

Visit us on the Web: http://www.kysu.edu

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Academic Calendar

For the most up-to-date Academic Calendar, visit

https://kysu.edu/administration-governance/academic-affairs/registrar/academic-calendars/

CHAPTER 1 -- THE UNIVERSITY

Welcome to Kentucky State University (KSU), home of the Thorobreds. KSU is located in Frankfort, Kentucky, a city with a population of more than 25,000 and the capital of our Commonwealth. Frankfort lies on the western edge of the commonwealth's Bluegrass Region 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.

Kentucky State University is the most diverse among the state's public universities. KSU offers degrees at all levels including Associates, Bachelors, Masters, and Doctorate. Our location in the capital city permits the University to offer unique and outstanding state government student internships.

History

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 into a land-grant and liberal arts institution that prepares a diverse student population to compete in a multifaceted, ever-changing global society. 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.

KSU became a land-grant college in 1890, 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 20th 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 30 years, more than 43 new structures or major building expansions have enhanced Kentucky State University's 882-acre campus, which includes a 311-acre agricultural research farm and a 306-acre environmental education center.

Kentucky State University is a public institution with an enrollment of approximately 2,200 students and 135 full-time faculty members. Students have the opportunity to receive an associate (two-year) degree in two disciplines, a baccalaureate (four-year) degree in 22 majors, several of which have optional specializations, a master's degree in eight disciplines, and a doctoral degree in nursing practice.

The University is organized into three academic colleges, two with schools:

- College of Agriculture, Community, and the Environment
  - School of Agriculture, Communities, and the Environment
  - School of Aquaculture and Aquatic Sciences
  - School of Education, Human Development, and Consumer Sciences
  - School of Nursing
  - School of Science, Technology, Engineering, and Mathematics
- College of Humanities, Business, and Society
  - School of Behavioral and Social Sciences
  - School of Business
  - School of Criminal Justice and Political Science
  - School of the Humanities and Performing Arts
  - School of Public Administration
  - School of Social Work
- Whitney Young Honors Collegium

Our Legacy

Kentucky State University is one of nineteen 1890 Land Grant institutions that are mandated by the Morrill Act of 1890 to conduct research, extension, and teaching in the food and agricultural sciences. The Kentucky State University (KSU) Land Grant Program works to uphold the mission of the University through its commitment to research, extension, and teaching in the food and agricultural sciences. The KSU Land Grant Program is committed to resolving agricultural, educational, economic, and social problems of the people of the Commonwealth of Kentucky, especially to serve the underserved in rural and urban settings. The Land Grant Program at KSU receives a significant portion of its funds from the United States Department of Agriculture (USDA), which provides programmatic oversight, regulation, and guidance. Such USDA mission areas as the cooperative extension and research are dedicated to assisting stakeholders across the nation and in implementing strategic initiatives of the USDA through programs that enable such universities to conduct research, teaching, Extension and outreach.

The Land Grant Program research and extension activities enable KSU to offer many opportunities for students interested in learning more about a wide range of disciplines, including food and agricultural sciences, environmental science, natural resources, family science, consumer science, rural sociology, and community development. A U.S. Department of Agriculture Liaison Officer is located on the campus to counsel Land Grant administrators and students on national initiatives, and opportunities for partnerships with the USDA. This person also works with high school and college students by exposing them to career opportunities in the food and agricultural sciences. College students are eligible for internships while enrolled in undergraduate and graduate degree programs. Additionally, the Liaison Officer promotes and accepts applications for the USDA 1890 Scholars Program, which offers a full scholarship package (tuition and a computer as well as room and board) to high school graduates who are interested in working for the USDA after completion of their undergraduate studies. A separate 1890 Scholarships Program also provides scholarships to outstanding students entering the institution to pursue and complete baccalaureate degrees in the food and agricultural sciences and related fields that would lead to a highly skilled food and agricultural systems workforce.

The Land Grant Program also houses research and Extension programming.

The Community Research Service (CRS) is focused on three main research areas: Aquaculture, Organic and Sustainable Agriculture and Human Health, Nutrition, and Food Safety. The KSU Land Grant Program has nationally and internationally recognized research programs in Aquaculture or fish farming to bring new economic opportunities to Kentucky.

The Aquaculture Program, KSU's "Program of Distinction," is widely recognized as being a Top 5 program in the nation in aquaculture. The program is a national and international leader in the areas of water quality, disease diagnostics, aquaponics, pond development and management, fish meal replacement research, as well as paddlefish culture, freshwater prawn and saltwater shrimp culture, Koi breeding, production of largemouth bass on-feed, catfish and hybrid striped bass production. New organic food markets continue to grow, and alternative crops and production methods are desired by farmers. The KSU Land Grant Program's Organic Program is nationally ranked in the top 20 amongst 1890 and 1862 Land Grant institutions.

Mission, Vision, and Core Values

Mission Statement

Kentucky State University is a public, comprehensive, historically black land-grant university committed to advancing the Commonwealth of Kentucky, enhancing society, and impacting individuals by providing quality teaching with a foundation in liberal studies, scholarly research, and public service to enable productive lives within the diverse global economy.

Vision Statement

Kentucky State University prepares today's students as global citizens, lifelong learners and problem solvers. To accomplish this, Kentucky State University must challenge itself and its students to be the best. It must recognize its strengths, expand and excel. Notwithstanding, it must also welcome change and quality improvement. By doing so, KSU will gain widespread recognition as one of the region's strongest universities. As a university of distinction, Kentucky State University will create an environment where:

- Students are first.
- Diversity is valued, understood and respected.
- Diverse, motivated and talented students, staff and faculty are actively recruited and retained.
- An intellectual environment conducive to leadership in teaching, research and community service is encouraged and supported.
- Effective teaching is promoted both inside and outside the classroom.
- Students are taught how to obtain, evaluate and use information.
- Learning is lifelong.
- Effective and efficient fiscal management by the administration is the norm.
- Collegiality is the norm, not the exception.
- Each person is a change agent.

- Excellence starts with me.

Core Values

Through the core values, we- the faculty, staff, administration and students of Kentucky State University – communicate to all our stakeholders and constituents the way in which we choose to do business. The following values that we hold are essential to achieving the University's mission:

Student Centered Philosophy

In everything we do, our students come first. We strive to create an environment that values the unique backgrounds, perspectives and talents of all our students and provide them with the academic, leadership and social tools to help them grow as responsible, knowledgeable and creative global citizens. We encourage attitudes and behaviors that lead to a desire to learn, a commitment to goals and respect for the dignity of others. Ultimately, we encourage attitudes and behaviors that build success.

Excellence and Innovation

We believe in student's potential to learn and to connect what they learn inside and outside the classroom to solving problems for productive changes. We strive to offer excellent academic programs; to encourage exploration and discovery through providing outstanding instruction, technology and facilities; and to ignite a curiosity toward the world and a passion for lifelong learning. We seek to reward the pursuit and achievement of excellence and innovation in an environment where freedom of thought and expression are valued. We want all members of our campus community to leave a mark through their creativity, curiosity, discovery, exploration and ingenuity.

Ethical Conduct

We encourage the sharing of information in an open and responsible manner while maintaining the highest ethical and moral standards. The standards are reflected in our commitment to accountability and to personal responsibility for our choices and actions. We encourage respect for the dignity, diversity and right of individuals. We welcome all students who commit themselves to learning, knowing that students and faculty with diverse perspective enhance our classroom experience.

Social Responsibility

We share responsibility for each other and are committed to providing opportunities for the participation in the economic, political and cultural life of our local, state, regional, national and global communities. We are sensitive to our surrounding community; therefore, we recognize the value of integrating classroom learning with the community experience. Our commitment is to provide leadership and to establish partnerships for addressing community and workforce needs and to make a positive difference in the city of Frankfort, the Commonwealth of Kentucky and the world.

Accreditations

Kentucky State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate, baccalaureate, masters, and doctorate degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call (404) 679-4500 for questions about the accreditation of Kentucky State University

Business: The Accreditation Council for Business Schools and Programs (https://acbsp.org/) (ACBSP) (BA and MBA)

Education: National Council for the Accreditation of Educator Preparation (NCATE) and the Kentucky Education Professional Standards Board (EPSB)
http://caepnet.org/
http://www.epsb.ky.gov/

Music: National Association of Schools of Music (NASM)
https://nasm.arts-accredit.org/

Nursing: Accreditation Commission for Education in Nursing (ACEN) and Kentucky Board of Nursing
https://www.acenursing.org/

Public Administration: Network of Schools of Public Policy, Affairs, and Administration (NASPAA)
https://www.naspaa.org/

Social Work: Council on Social Work Education (CSWE)
https://www.cswe.org/

University Notices

All statements in this publication are announcements of present policy only and are subject to change without prior notice. Nothing contained in this publication is intended to create nor shall be construed as creating a contract, either express or implied, or guarantee for any term or for any specific procedures. If you are pursuing a degree, you are obliged to fulfill the requirements as they are listed in the Catalog for the semester in which you enrolled in the program. If the requirements change after you enroll in the program, see the policy "Catalog of Record" in the Academic Policies section of this Catalog. This Catalog shall be effective fall 2019 semester through summer 2020.

Statement of Compliance

Kentucky State University is an Equal Opportunity/Affirmative Action employer and educational institution and does not discriminate on the basis of age, race, color, religion, sex, sexual orientation, disability, national origin or Vietnam era or other veteran status in the admission to, or participation in, any educational program or activity which it conducts. Any complaint arising by reason of alleged discrimination should be directed to the Office of Human Resources, ASB Suite 241, Kentucky State University, or to the Director of the Office for Civil Rights, U.S. Department of Education, The Wanamaker Building, Suite 515, 100 Penn Square East, Philadelphia, PA 19107.

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

Kentucky State University does not discriminate on the basis of disability in the admission or access to educational opportunities, programs or activities. The Director of the Disability Resource Center, 107 Hathaway Hall, Kentucky State University, Frankfort, Kentucky 40601, coordinates compliance with all federal, state and local laws and regulations concerning access for disabled individuals. Requests for information concerning the Americans with Disabilities Act and other federal and state laws relating to disabilities and the rights provided thereunder, as well as all requests for accommodations based upon disability should be directed to this office.

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

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

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

Expulsion of a students is permanent separation and removal from the University. The sanction of expulsion must be approved by the University president or the president's designee; it requires a student to be withdrawn or failed from all classes, suspended from the residence halls or graduate housing (if applicable), banned from all University facilities

(and subject to arrest for trespassing), rendered ineligible to register for any University class, and prohibited from participating in University activities.

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

Federal Regulations

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

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

Grade reports	Admission forms	Biographical data
Transcripts	Applications for graduation	Nominations for awards
Curriculum information	Student teacher evaluations	Letters of recommendations
Student test scores (ACT, SAT, AP, etc.)	Field training evaluations and correspondence	Professional conduct agreements and liability insurance coverage
Correspondence with students	Evaluation forms	Disciplinary records
Withdrawal records	Mid-term evaluation	

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

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

Parents who claim a student as a dependent may present their federal tax declaration, in lieu of having the student's written consent, to gain access to information concerning their children's grades.

2. Disciplinary Records: Disciplinary records are defined as those records (maintained in electronic or hard-copy format) which relate exclusively to violations of Standards Governing Student Conduct as delineated in the Kentucky State University Student Handbook, revised 2020-2021, which have been adjudicated through the Division of Student Engagement and Campus Life.

Complaints to the Division of Student Engagement and Campus Life which have been voluntarily withdrawn are not considered disciplinary records. A student's disciplinary record include and is limited to: 1) complaint, 2) notification letter, 3) investigative report and findings, 4) notice of appeal, 5) notice of hearing, 6) documents presented as evidence and/or maintained by the hearing bodies during hearing, 7) final disposition.

3. Directory Information: The University may release information without the student's consent where the information is classified as "directory information." The following categories of information have been designated by the University as directory information: name, address (excluding KSU residence hall room number), telephone listing (excluding cell phone), email address, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, academic level (undergraduate or graduate), academic class (freshman, sophomore, junior, or senior), dates of attendance, enrollment status, degrees and awards received, student photo or likeness, and the most recent previous education institution attended by the student. Students who do not wish such information released without their consent should notify the Student Records Office in writing. Any such request should be sent to Office of the Registrar, Kentucky State University, Academic Services Building Room 323, 400 East Main Street, Frankfort, Kentucky 40601.

4. Notification of Rights Under FERPA for Postsecondary Institutions: The Family Educational Rights and Privacy Act affords students certain rights with respect to their education records. All KSU students are informed of their FERPA rights each year during the fall term through an email notification sent to their official KSU email address. Each student's FERPA rights are:

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

(2) The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.

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

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

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

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

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

(4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA are: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue SW, Washington, DC 20202-8520.

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

Request for hearings should be addressed to the Office of University General Counsel, Kentucky State University, ASB, Room 539, 400 East Main Street, Frankfort, KY 40601.

Student Right-To-Know Act (Pub. L. 101-542)

Section 103 of the Student Right-To-Know and Campus Security Act of 1990 (Public Law 101-542) as amended by the Higher Education Technical Amendments of 1991 (Public Law 102-26) requires public disclosure of relevant graduation rate information for students enrolled in colleges and universities receiving federal financial assistance annually beginning July 1, 1993. Graduation rate information is published each year on the University's website or may be obtained upon request from the Office of the Provost and Vice President for Academic Affairs, Hathaway Hall, Room 424, 400 East Main Street, Frankfort, KY 40601

Important Contact Information

OFFICE	LOCATION	PHONE 597-xxxx
Office of the President	201 Hume Hall	6260
Provost and Vice President for Academic Affairs	424 Hathaway Hall	6442
Executive Vice President for Finance and Administration / CFO	259 Academic Services Bldg.	5075
Senior Vice President for Brand Identity and University Relations	103 Hume Hall	6786
Vice President for Student Engagement and Campus Life	320 Carl M. Hill Student Center	6283
Point-of-Contact for Institutional Advancement	102 Hume Hall	6760
General Counsel and Records Custodian	541 Academic Services Bldg.	6414
Director of Athletics	Exum Center	5972
ACADEMIC OFFICES		
College of Agriculture, Community, and the Sciences	205 Cooperative Extension Bldg.	6310
School of Agriculture, Communities, and the Environment	205 Cooperative Extension Bldg.	6310
School of Aquaculture and Aquatic Sciences	Aquaculture Research Center	8106
School of Education, Human Development, and Consumer Sciences	108 Hathaway Hall	5919
Director of Land Grant Programs	205 Cooperative Extension Bldg.	6310
School of Science, Technology, Engineering, and Mathematics	132 Carver Hall	6603
School of Nursing	221 Betty White Health Center	6426
College of Humanities, Business, and Society	210 Hathaway Hall	7015
School of Business	105 Bradford Hall	6910
School of Behavioral and Social Sciences	231 Hathaway Hall	5922
School of Criminal Justice and Political Science	207 Hathaway Hall	6891
School of the Humanities and Performing Arts	G-5 Bradford Hall 414 Hathaway Hall	6496 6990
School of Public Administration	311 Hathaway Hall	6665
School of Social Work	209 Hathaway Hall	6105
Whitney Young Honors Collegium	210 Hathaway Hall	5926
Office of Research and Sponsored Programs	258 Academic Services Building	5787

OFFICE	LOCATION	PHONE 597-xxxx
CENTERS OF EXCELLENCE		
Atwood Institute for Race, Education and the Democratic Ideal	423 Hathaway Hall	5744
Center for Research on the Eradication of Academic Disparities (C.R.E.E. D.)	409B Hathaway Hall	6902
Center of Excellence for the Study of Kentucky African Americans (CESKAA)	103 Jackson Hall	6315
ADMINISTRATIVE OFFICES		
Blazer Library	Blazer Library	6852
B.R.E.D.S. Office (Building, Recruitment, Enrollment & Discovery Services Office)	306 Academic Services Building	6813
Bookstore	Student Center Lobby	6352
Bursar	349 Academic Services Building	6278
Campus Safety and Police	248 EXUM Center	6878
Cashier	364 Academic Services Building	6250
Career and Professional Development Center	360 Academic Services Building	6700
Dean of Students	330 Carl M. Hill Student Center	6827
Disability Resource Services	107 Hathaway Hall	6041
Distance Education	409A Hathaway Hall	6238
Exum Center	Exum Center	5867
Financial Aid	349 Academic Services Building	5960
Health Services	Betty White Health Center	6271
Information Technology	379 Academic Services Building	7000
Land Grant Programs	Cooperative Extension Building	6310
Mail Center	234 Academic Services Building	6645
Registrar	323 Academic Services Building	6234
Residence Life	317 Academic Services Building	5951
Student Engagement and Campus Life	320 Carl M. Hill Student Center	6400
Student Health Services	Shauntee Hall	6271
Thorobred Learning Center (TLC)	110 Carl M. Hill Student Center	6680
University College	406 Academic Services Building	5084
University Counseling Center	330 Carl M. Hill Student Center	6969
Veterans and Military Student Affairs	305 Academic Services Building	6795

CHAPTER 2 -- UNDERGRADUATE ADMISSIONS

The B.R.E.D.S. Office
(Building, Recruitment, Enrollment & Discovery Services Office)

Jennifer Williams, Director of B.R.E.D.S. Office
Academic Services Building, Suite 306
Phone: (502) 597-6813
Toll-free: (800) 633-9415
Email: admissions@kysu.edu

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Admission to the University

Kentucky State University provides educational opportunities to all qualified students regardless of economic or social status. KSU does not discriminate on the basis of race, color, religion, sex, marital status, beliefs, age, national origin, sexual orientation, or physical or mental disability.

FRESHMAN ADMISSION TO THE UNIVERSITY -- Admission for freshman applicants is based on a holistic review including high school grades, national college admission test results, and successful completion of pre-college curriculum. Applicants may submit official scores from either the ACT Assessment or the SAT I. Official test scores must be sent directly from ACT or SAT (College Board) testing headquarters.

MINIMUM ELIGIBILITY REQUIREMENT – All students who have completed the pre-college curriculum (see below) as prescribed by the Council on Postsecondary Education and have a 2.0 high school grade-point average are encouraged to apply to the freshman class at KSU. Enrollment in the freshman class is limited. Within the limits of space availability, the Building, Recruitment,

To be considered for admissions to Kentucky State University, new undergraduate students shall submit the following:

- the online application for Undergraduate Admissions
- Official High School Transcript with an unweighted GPA, and a Graduation Date posted for final transcripts
- Official ACT or the SAT. Test scores must be sent directly from the testing center to be considered official.
- Immunization Record

Prospective freshmen are strongly encouraged to submit applications to the Building, Recruitment, Enrollment & Discovery Services Office (B.R.E.D.S.) Office early during their senior year. While the deadline for application is fluid, an early application can have a positive impact on housing, financial aid, administered internally by the University, via privately funded scholarships, and other ancillary areas. High school students are strongly encouraged to take the ACT or SAT as often as possible to increase their opportunity of raising their scores. Academic Scholarships offered by the University considers an overall unweighted GPA and Composite test scores.

When registering for the test, please request scores to be sent to Kentucky State University.

High School Equivalency Certificates: Kentucky State University provides consideration for admission from freshman applicants who are not high school graduates but who present a valid High School Equivalency Certificate and General Education Development test scores. Applicants must also take the ACT (or SAT I) and have the results sent directly to the B.R.E.D.S. Office and from the testing agency."

The B.R.E.D.S. Office will confirm all students' transcripts arrive from a high school with a College Entrance Examination Board (CEEB) code, as well as, the high school seal and/or signature. If a transcript is from a high school that lacks a CEEB code or seal/signature, the B.R.E.D.S. Office will research the matter to confirm whether the school is recognized by the state department of education or home school association. The B.R.E.D.S. Office may request additional documentation at any point in the admission process. If a diploma is determined invalid, a high school equivalency exam may be required for admission consideration.

Moreover, to be considered for full admission, each applicant must have received or be receiving a high school diploma before the term for which he or she is applying. Those individuals who have not graduated from accredited high schools may be required to have a GED and an official report of the student's GED scores mailed directly to the B.R.E.D.S. Office from the center where he or she was tested.

Applications are to be submitted online to the University

Responses on the applications and on related materials must be complete and accurate; entrance may be denied or registration cancelled as a result of false or misleading statements. All questions about requirements should be referred to the B.R.E.D.S Office at (502) 597-6813 or 1-877-367-5978 or by faxing information to (502) 597-5814.

Regular Admission Requirements

- 2.5 Unweighted cumulative grade point average or higher and
- 18 composite on the ACT or 960 on the SAT (Math and Reading sections only)
- All applicants who have completed less than 24 semester hours of college work must meet the following requirements based on a Pre-College Curriculum (PCC):
    - 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 laboratory course, physical science, life science, or earth and space science
    - Social Studies (3 units): United States history, economics, government, world geography, world civilization
    - Health Education (½ unit)
    - Physical Education (½ unit)
    - History and Appreciation of Visual and Performing Arts (1 unit)
    - Foreign Language (2 units of the same foreign language)
- The following students are not required to meet the PCC requirements

- Associate degree-seeking students
- International students Non-resident students
- Transfer 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
- Students enrolled in a community or technical college or a community college type program Active duty military personnel, their spouses and dependents
- Students who have reached their 21st birthday before the beginning of the semester or term.

Student Admission Classifications

Under 13KAR2:045, the Commonwealth of Kentucky requires that all admission applications be reviewed to determine if documentation of residency is required. Each applicant is notified if documents are needed.

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 to the B.R.E.D.S Office may be required.

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. Additional information can be obtained at the following website: www.lrc.ky.gov/kar/013/002/045.htm.

Transfer Student

A student transferring less than 24 semester credit hours to Kentucky State University is considered a freshman transfer. A student transferring 24 or more semester credit hours to Kentucky State University is considered a transfer student. Transfer students must submit the following additional documents for admission consideration:

- Transcripts of all college work completed from each institution if the applicant attended more than one school. For students transferring with less than 24 semester credit hours, the following is needed in addition to the college transcript(s).
- High school transcript with an Unweighted GPA, and a Graduation Date posted for final transcripts.
- Official ACT and or SAT scores. Test scores must be sent directly from the testing center to be considered official.

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

Kentucky General Education Transfer Policy

In an effort to promote a seamless transfer between Kentucky two-year and four-year public institutions, the Kentucky Council on Postsecondary Education (CPE) developed a policy to facilitate the transfer of credits from one Kentucky public college or university to another. This policy is called the General Education Transfer Policy and allows for the automatic transfer of a block of courses to satisfy general education degree requirements.

Students who transfer from another Kentucky public college or university may be (1) category certified, (2) core certified, or (3) general education certified by the Registrar of the school where the course work was completed. KSU will honor any of these designations and will apply the transferred general education courses to the student's record at Kentucky State University in a manner that best serves the transferring student.

Undergraduate Transfer Policy

Students transferring to Kentucky State University are required to submit official transcripts from all previously attended institutions as part of the admissions process. Credits earned at a fully accredited institution may be transferred to KSU and applied toward a degree. A fully accredited institution is one in good standing and a member of one of the six regional academic accrediting associations.

Kentucky State University accepts transfer credits with a grade of D or better. Exceptions to this are transfer equivalents for ENG 101 and ENG 102, which must have grades of C or better.

Credits that do not fulfill requirements will be accepted as free electives if grades of D or better were earned. If a grade of D is transferred and the student attempts to use this course to satisfy the requirements for a major or minor, or an area of specialization, the student will have to take the course at KSU and earn a grade of C or better.
KSU will not give upper level credit for a course completed at junior or community colleges without validation that the course is equivalent to upper-level university courses with the respective departments reserving final approval.

Regardless of the number of hours accepted for transfer, all candidates for an undergraduate degree must complete 30 of their last 36 hours toward their degree at Kentucky State University.

International Student

A student who is not a citizen or permanent resident of the United States is considered an international student.
The University welcomes admission inquiries from international students. International students should have a complete admission application on file three months before the beginning of the term (summer/fall/spring semester) in which they intend to enroll.

The international student must follow the following procedures:

- Submit an Application for Admission with a $100.00 (US Funds) payment. Application fee made payable to Kentucky State University in the form of a money order or cashier's check;
- Submit a verification of graduation from high school or secondary institution;
- Submit official high school transcripts/certificate in English with translation certified (Nigerian students must submit WASC) Submit official SAT/ACT or TOEFL scores; minimum 71 on a 0-120 scale.
- 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;
- Provide a statement from the bank, lending agency, or sponsor that stipulates the amount of money on reserve for tuition, fees, and living accommodations to matriculate in a four-year undergraduate program in the United States;
- Submit a transcript evaluation form (with determined G.P.A.) from an accredited transcript evaluation agency in the United States; and
- Submit a $3,500.00 deposit (in U.S. dollars) in order for the I-20 to be issued. This deposit is placed into the student's account and is available to the student for educational expenses only (i.e., tuition, books, and fees).

Prospective international students are encouraged to utilize the services of World Educational Services, Inc. (WES) for credential evaluation and verification. Instructions can be found at www.wes.org or by an evaluation and translation

service available at the National Association of Credential Evaluation Service.

Visas and Regulations

Pre-Arrival - Obtaining an F-1 Visa:
Immigration and Customs Enforcement (ICE) is the U.S. Department of Homeland Security's bureau that oversees all non-immigrant international visitors to the U.S. International students needing a student visa to study at KSU must apply for an F-1 visa through ICE's Student Exchange Visitor Program's web-based information system (SEVIS). Currently KSU is authorized to issue I-20s, which is the core document that tells a U.S. Embassy or Consular Officer that a person should be issued an F-1 student visa.

International students seeking an undergraduate degree at KSU, must go through the B.R.E.D.S Office application process to gain admission and provide the necessary information to secure an F-1 student visa. Below is an overview of the steps and procedures required for international students, but more complete information is available at the following website: http://kysu.edu/administration-governance/student-affairs/admissions/international-students

1. At the time of applying to the University, in addition to submitting all required admissions application materials, international students are required to also show evidence of the ability to meet their college expenses. KSU must have this information before the Office of the Registrar can issue a Form I-20. Verification of the student's ability to pay is conducted through the Financial Certificate and receipt of original copies of information from the student's family, or student's sponsor's bank. Evidence of any award of a full scholarship or similar financial aid covering tuition, room, and board must also be part of the financial information provided.
2. Once the student has been admitted, demonstrated the ability to pay, and shown that he or she complies with all federal requirements, KSU will send the student, via international courier, an admission packet with the admission letter, information about the university, the Form I-20, and any other relevant documentation.
3. After the student receives the Form I-20, an interview appointment at the closest U.S. Embassy or Consul in his or her country of residence should be arranged. At this appointment the U.S. consular official will either grant or deny an F-1 visa.

Post-Arrival: Maintaining Status - Once the student has been issued an F-1 visa and arrives on campus, KSU's Registrar's Office is responsible for ensuring the student remains in status according to his or her visa as well as maintaining up-to-date information on the student in the SEVIS database.

Immediately upon arrival on campus students should report to the Office of the Registrar. In addition to issuing I- 20s, KSU, via OOA, is required to report the enrollment of F-1 students every semester. Also, OOA must report in SEVIS current students that fail to enroll, maintain status, or complete their program. Schools are currently required to monitor records of the student's name, date and place of birth, country of citizenship, address, status, date of commencement of studies, degree program and field of study, practical training, termination date and reason, documents related to the student's admission, the number of credits completed per semester, and a copy of the I-20.

All this information resides in the SEVIS database rather than solely as hard files at each school. Under current federal regulations, even minor status violations (e.g., failing to inform ICE of change of major or failure to process a timely transfer) could result in loss of future employment authorization eligibility, the opportunity to return to the US after a visit abroad, or even possible deportation.

The student must check in with the Office of Admissions at the beginning of each semester to verify information in SEVIS and verify his or her program of studies timeline. In order to keep students informed of these important

changes, OOA will conduct occasional information sessions as well as provide up-to-date information concerning the new regulations on the OOA web page.

Non-Degree Seeking Student
A student not seeking a degree from Kentucky State University is considered a non-degree student. This may include 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 or other career purposes.

Post-Baccalaureate Students
Students with an earned baccalaureate degree from a regionally accredited college or university who complete the regular application process and who desire to pursue a baccalaureate degree program at Kentucky State University, will be admitted to the University.

Non-Traditional Students
Students who are twenty-one years of age or older, or non-degree seeking, may receive conditional admission to the University (if they do not qualify for regular admission). Such students are exempted from the PCC requirements and are not required to do remedial course work. In addition, such students may obtain University credit hours through Academic Unit Challenge Examinations or by satisfactory performance on the College Level Examination Program (CLEP) tests.

Students, who have not attended high school for more than five years, are over the age of 25 with a GED or high school diploma and have no post-secondary education credits, are a military veteran, or are over the age of 25 and have not completed sufficient hours to be considered a transfer student, will apply as a first-year student and will need to complete an application. (If you think that you qualify as a non-traditional student for other reasons, please consult the B.R.E.D.S Office, 312 Academic Services Building, toll-free 877-367-5978.)

If the SAT or ACT was taken in high school, have the scores sent directly from the testing agency to the B.R.E.D.S Office . If the SAT or ACT tests were not taken while in high school, KSU does not require the scores for admission to the University. However, if the student declares a major that requires ACT or SAT scores, the student will need to sit for these exam(s). The student's high school must send all official high school transcripts (or official GED results, if applicable) to the B.R.E.D.S Office. Official transcripts must be sent from each high school attended.

Non-traditional students may be required to take certain placement exams in order to determine accurate course placement. Students who earned 24 semester credit hours or more of college course work after high school will have to apply as a transfer student and must submit a transcript of this work to the Office of Admissions. A non-traditional student must maintain a minimum GPA of 2.0 for the first 24 semester credit hours. If the minimum GPA of 2.0 is not maintained, an ACT or SAT exam will be required.

Visiting Students
A student in good standing at an accredited college may be admitted to the University as a Visiting student. To be eligible for consideration, an applicant must submit an application, a letter of good standing from the current institution, and a $100.00 in U.S. funds for international applications. Visiting student status does not constitute admission or matriculation as a degree candidate. The Visiting students, however, are subject to the same fees and regulations as a regular student except for the continuation-in-residence requirements.

Home-Schooled Students
A student who has received a home school diploma must submit the following in lieu of a high school transcript:

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

Senior Citizens / Donovan Scholar

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. You must submit a copy of your driver license to the Bursar's Office to verify age and residency.

Readmission

Students who have previously attended Kentucky State University and who wish to reenter must secure readmission from the Registrar's Office. In order to be eligible for re-admission to the University, students who attended another institution for one semester must have earned an overall average of C or better since last attending Kentucky State. He/she must complete the University's Re-enrolling Form and supply the Registrar's Office with an official transcript from the institution previously attended.

STUDENT RESIDENCY

As a part of the state-supported system of higher education in Kentucky, Kentucky State University is governed by 13 KAR 2:045, a statewide policy for determining residency. For additional information and a copy of the affidavit for a review of residency status, contact the B.R.E.D.S. Office.

Students eligible to receive Veterans Affairs (VA) GI Bill® Education benefits qualify for the in-state tuition rate pursuant to the Veterans Access, Choice and Accountability Act of 2014 which requires postsecondary institutions to offer in-state tuition rates to qualified veterans and their dependents, regardless of state residency status. In addition, Kentucky Law (13 KAR 2:045) states: "a person eligible for benefits under the federal Post 9/11 Veterans Educational Assistance Act of 2008, 38 U.S.C. 33013325, or any other education benefits provided under Title 38 of the United States Code shall be entitled to Kentucky resident status for purposes of tuition charged at state-supported institutions." (All Kentucky State University students captured under the aforementioned Federal Statute and State Law will be certified by the School Certifying Official (SCO) at the in-state tuition rate).
GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA).

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

RELATES TO: KRS 13B, 164.020, 164.030, 164A.330 (6) 38 U.S.C 3301-3325 (As amended at ARRS, June 9, 2015)
STATUTORY AUTHORITY:

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

Section 1. Definitions.

(1) Academic term means a division of the school year during which a course of studies is offered, and includes a semester, quarter, or single consolidated summer term as defined by the institution.
(2) Continuous enrollment means enrollment in a state-supported postsecondary education institution at the same

degree level for consecutive terms, excluding summer term, since the beginning of the period for which continuous enrollment is claimed unless a sequence of continuous enrollment is broken due to extenuating circumstances beyond the student's control, such as 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) 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) 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 for independence established in Section 5 of this administrative regulation.

(5) Determination of residency status means the decision of a postsecondary education institution that results in the classification of a person as a Kentucky resident or as a nonresident for admission and tuition assessment purposes.

(6) Domicile means a person's true, fixed, and permanent home and is the place where the person intends to remain indefinitely, and to which the person expects to return if absent without intending to establish a new domicile elsewhere.

(7) Full-time employment means continuous employment for at least forty-eight (48) weeks at an average of at least thirty (30) hours per week.

(8) Independent person means a person who demonstrates financial independence from parents or persons other than a spouse and who meets the criteria for independence established in Section 5 of this administrative regulation.

(9) Institution means an entity defined in KRS 164.001(12) if the type of institution is not expressly stated and includes the Kentucky Virtual University, the Council on Postsecondary Education, and the Kentucky Higher Education Assistance Authority.

(10) Kentucky resident means a person determined by an institution for tuition purposes to be domiciled in and is a resident of Kentucky as determined by this administrative regulation.

(11) Nonresident means a person who is

(a) domiciled outside of Kentucky

(b) currently maintains legal residence outside Kentucky, or

(c) is not a Kentucky resident as determined by this administrative regulation.

(12) 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.

(13) Preponderance of the evidence means the greater weight of evidence, or evidence which is more credible and convincing to the mind.

(14) Residence means the place of abode of a person and the place where the person is physically present most of the time for a non-educational purpose in accordance with Section 3 of this administrative regulation.

(15) 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 an institution and includes student employment by the institution or a graduate assistantship.

(16) Sustenance means

(a) Living expenses, such as room, board, maintenance, and transportation; and

(b) Educational expenses, such as tuition, fees, books, and supplies.

Section 2. Scope.

(1) State-supported postsecondary education institutions were established and are maintained by the Commonwealth of Kentucky primarily for the benefit of qualified residents of Kentucky. The substantial commitment of public resources to postsecondary education is predicated on the proposition that the state benefits significantly from the existence of an educated citizenry. As a matter of policy, access to postsecondary education shall be provided so far as feasible at reasonable cost to a qualified individual who is domiciled in Kentucky and who is a resident of Kentucky.

(2) In accordance with the duties established in KRS 164.020, the Council on Postsecondary Education may require a student who is neither domiciled in, nor a resident of, Kentucky to meet higher admission standards and to pay a higher level of tuition than resident students.

(3) Unless otherwise indicated, this administrative regulation shall apply to all student residency determinations, regardless of circumstances, including residency determinations made by:

a) The state-supported institutions for prospective and currently-enrolled students;
b) The Southern Regional Education Board for contract spaces;
c) Reciprocity agreements, if appropriate;
d) The Kentucky Virtual University;
e) Academic common market programs;
f) The Kentucky Educational Excellence Scholarship Program; and
g) Other state student financial aid programs, as appropriate.

Section 3. Determination of Residency Status; General Rules.

(1) A determination of residency shall include:

(a) An initial determination of residency status by an institution:
1. During the admission process;
2. Upon enrollment in an institution for a specific academic term; or
3. For admission into a specific academic program;

(b) A reconsideration of a determination of residency status by an institution based upon a changed circumstance; or

(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) If applicable, other materials required by an institution and consistent with this administrative regulation; and

(d) Other information available to the institution from any source.

(3) An individual seeking a determination of Kentucky residency status shall demonstrate that status by a preponderance of the evidence.

(4) A determination of residency status shall be based upon verifiable circumstances or actions.

(5) Evidence and information cited as the basis for Kentucky domicile and residency shall accompany the application for a determination of residency status.

(6) A student classified as a nonresident shall retain that status until the student is officially reclassified by an institution.

(7) A student may apply for a review of a determination of residency status once for each academic term.

(8) If an institution has information that a student's residency status may be incorrect, the institution shall review and determine the student's correct residency status.

(9) If the Council on Postsecondary Education has information that an institution's determination of residency status for a student may be incorrect, it may require the institution to review the circumstances and report the results of that review.

(10) An institution shall impose a penalty or sanction against a student who gives incorrect or misleading information to an institutional official, including payment of nonresident tuition for each academic term for which resident tuition was assessed based on an improper determination of residency status. The penalty or sanction may also include:

(a) Student discipline by the institution through a policy written and disseminated to students; or

(b) Criminal prosecution.

Section 4. Presumptions Regarding Residency Status.

(1) In making a determination of residency status, it shall be presumed that a person is a nonresident if:

(a) A person is, or seeks to be, an undergraduate student and admissions records show the student to be a graduate of an out-of-state high school within five (5) years prior to a request for a determination of residency status;

(b) A person's admissions records indicate the student's residence to be outside of Kentucky when the student applied for admission;

(c) A person moves to Kentucky primarily for the purpose of enrollment in an institution;

(d) A person moves to Kentucky and within twelve (12) months enrolls at an institution more than half time;

(e) A person has a continuous absence of one (1) year from Kentucky; or

(f) A person attended an out-of-state higher education institution during the past academic year and paid in-state tuition at that institution.

(2) A presumption arising from subsection (1) of this section shall only be overcome by preponderance of evidence sufficient to demonstrate that a person is domiciled in and is a resident of Kentucky.

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

(1) In a determination of residency status, an institution shall first determine whether a student is dependent or independent. This provision shall be 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. A determination that a student is independent shall be one (1) step in the overall determination of whether a student is or is not a resident of Kentucky.

(2) In determining the dependent or independent status of a person, the following information shall be considered as well as other relevant information available when the determination is made:

(a) 1. Whether the person has been claimed as a dependent on the federal or state tax returns of a parent or other person for the year preceding the date of application for a determination of residency status; or

2. Whether the person is no longer claimed by a parent or other person as a dependent or as an exemption for federal and state tax purposes; and

(b) Whether the person has financial earnings and resources independent of a person other than an independent spouse necessary to provide for the person's own sustenance.

(3) An individual who enrolls at an institution immediately following graduation from high school and remains enrolled shall be presumed to be a dependent person unless the contrary is evident from the information submitted.

(4) Domicile may be inferred from the student's permanent address, parent's mailing address, or location of high school ofgraduation.

(5) Marriage to an independent person domiciled in and who is a resident of Kentucky shall be a factor considered by an institution in determining whether a student is dependent or independent.

(6) Financial assistance from or a loan made by a parent or family member other than an independent spouse, if used for sustenance of the student:

(a) Shall not be considered in establishing a student as independent; and

(b) Shall be a factor in establishing that a student is dependent.

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

(1) The effect of a determination that a person is dependent shall be:

(a) The domicile and residency of a dependent person shall be the same as either parent. The domicile and residency of the parent shall be determined in the same manner as the domicile and residency of an independent person; and

(b) The domicile and residency of a dependent person whose parents are divorced, separated, or otherwise living apart shall be Kentucky if either parent is domiciled in and is a resident of Kentucky regardless of which parent has legal custody or is entitled to claim that person as a dependent pursuant to federal or Kentucky income tax provisions.

(2) If the parent or parents of a dependent person are Kentucky residents and are domiciled in Kentucky, but subsequently move from the state:

(a) The dependent person shall be considered a resident of Kentucky while in continuous enrollment at the degree level in which currently enrolled; and

(b) The dependent person's residency status shall be reassumed if continuous enrollment is broken or the current degree level is completed.

Section 7. Member or Former 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 when inducted 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 member's time of active service; or

(b) If the member returns to this state within six (6) months of the date of the member's discharge from active duty.

(2) (a) A member of the armed services on active duty for more than thirty (30) days and who has a permanent duty station in Kentucky shall be classified as a Kentucky resident and shall be entitled to in-state tuition as shall the spouse or a dependent child of the member.

(b) A member, spouse, or dependent of a member shall not lose Kentucky residency status if the member is transferred on military orders while the member, spouse, or dependent requesting the status is in continuous enrollment at the degree level in which currently enrolled.

(3) Membership in the National Guard or civilian employment at a military base alone shall not qualify a person for Kentucky residency status under the provisions of subsections (1) and (2) of this section. If a member of the Kentucky National Guard is on active duty status for a period of not less than thirty (30) days, the member shall be considered a Kentucky resident, as shall the spouse or a dependent child of the member.

(4) A person eligible for benefits under the federal Post-9/11 Veterans Educational Assistance Act of 2008, 38 U.S.C. 3301- 3325, or any other educational benefits provided under Title 38 of the United States Code shall be entitled to Kentucky resident status for purposes of tuition charged at state supported institutions.

(5) A person's residency status established pursuant to this section shall be reassessed if the qualifying condition is terminated.

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

(1) (a) A person holding a permanent residency visa or classified as a political refugee shall establish domicile and residency in the same manner as another person.

(b)Time spent in Kentucky and progress made in fulfilling the conditions of domicile and residency prior to obtaining permanent residency status shall be considered in establishing Kentucky domicile and residency.

(2) A person holding a nonimmigrant visa with designation A, E, G, H-1, H-4 if accompanying a person with an H-1 visa, I, K, L, N, R, shall establish domicile and residency the same as another person.

(3) (a) An independent person holding a nonimmigrant visa with designation B, C, D, F, H-2, H-3, H-4 if accompanying a person with an H-2 or H-3 visa, J, M, O, P, Q, S, TD, or TN shall not be classified as a Kentucky resident, because that

person does not have the capacity to remain in Kentucky indefinitely and therefore cannot form the requisite intent necessary to establish domicile as defined in Section 1(6) of this administrative regulation.

(b) A dependent person holding a visa as described in paragraph (a) of this subsection, but who is a dependent of a parent holding a visa as described in subsection (2) of this section, shall be considered as holding the visa of the parent.

(c) A dependent person holding a visa described in subsection (2) of this section or paragraph (a) of this subsection, if a parent is a citizen of the United States and is a resident of and domiciled in Kentucky, shall be a resident of Kentucky for the purposes of this administrative regulation.

(4) A person shall be a Kentucky resident for the purpose of this administrative regulation if the person graduated from a Kentucky high school and:

(a) Is an undocumented alien;

(b) Holds a visa listed in subsections (2) or (3)(a) of this section; or

Is a dependent of a person who holds a visa listed in subsections (2) or (3) (a) of this section.

(5)(a) Except as provided in paragraph (b) of this subsection, a person who has petitioned the federal government to reclassify visa status shall continue to be ineligible until the petition has been granted by the federal government.

(b) A person who has petitioned the federal government to reclassify his or her visa status based on marriage to a Kentucky resident and who can demonstrate that the petition has been filed and acknowledged by the federal government, may establish Kentucky domicile and residency at that time.

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

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

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

(1)(a) A determination of Kentucky domicile and residency shall be based upon verifiable circumstances or actions.

(b) 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.

(c) A person shall not be determined to be a Kentucky resident by the performance of an act that is incidental to fulfilling an educational purpose or by an act performed as a matter of convenience.

(d) Mere physical presence in Kentucky, including living with a relative or friend, shall not be sufficient evidence of domicile and residency.

(e)A student or prospective student shall respond to all requests for information regarding domicile or residency requested by an institution.

(2) The following facts, although not conclusive, shall have probative value in their entirety and shall be individually weighted, appropriate to the facts and circumstances in each determination of residency:

(a) Acceptance of an offer of full-time employment or transfer to an employer in Kentucky or contiguous area while maintaining residence and domicile in Kentucky;

(b) Continuous physical presence in Kentucky while in a nonstudent status for the twelve (12) months immediately preceding the start of the academic term for which a classification of Kentucky residency is sought;

(c) 1. Filing a Kentucky resident income tax return for the calendar year preceding the date of application for a change in residency status; or

2. Payment of Kentucky withholding taxes while employed during the calendar year for which a change in classification is sought;

(d) Full-time employment of at least one (1) year while living in Kentucky;

(e) Attendance as a full-time, nonresident student at an out-of-state institution based on a determination by that school that the person is a resident of Kentucky;

(f) Abandonment of a former domicile or residence and establishing domicile and residency in Kentucky with

application to or attendance at an institution following and incidental to the change in domicile and residency;
(g) Obtaining licensing or certification for a professional and occupational purpose in Kentucky;
(h)Payment of real property taxes in Kentucky;
(i)Ownership of real property in Kentucky, if the property was used by the student as a residence preceding the date of application for a determination of residency status;
(j) Marriage of an independent student to a person who was domiciled in and a resident of Kentucky prior to the marriage; and
(k) The extent to which a student is dependent on student financial aid in order to provide basic sustenance.
(3) Except as provided in subsection (4) of this section, the following facts, because of the ease and convenience in completing them, shall have limited probative value in a determination that a person is domiciled in and is a resident of Kentucky:
(a) Kentucky automobile registration;
(b) Kentucky driver's license;
(c) Registration as a Kentucky voter;
(d) Long-term lease of at least twelve (12) consecutive months of noncollegiate housing; and
(e) Continued presence in Kentucky during academic breaks.
(4) The absence of a fact contained in subsection (3) of this section shall have significant probative value in determining that a student is not domiciled in or is not a resident of Kentucky.

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 the institution.
(2) Upon transfer to a Kentucky institution, a student's residency status shall be assessed by the receiving institution.
(3) A reconsideration of a determination of residency status for a dependent person shall be subject to the provisions for continuous enrollment, if applicable.

Section 12. Student Responsibilities.
(1) A student shall report under the proper residency classification, which includes the following actions:
(a) Raising a question concerning residency classification;
(b) Making application for change of residency classification 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 residency status.
(3)(a) If a student fails to provide, by the date specified by the institution, information required by an institution in a determination of residency status, the student shall be notified by the institution that the review has been canceled and that a determination has been made.
(b)Notification shall be made by registered mail, return receipt requested.
(c)Notification shall be made within ten (10) calendar days after the deadline for receipt of materials has passed.
(4)(a) The formal hearing conducted by an institution and the final recommended order shall be a final administrative action with no appeal to the Council on Postsecondary Education.
(b) A formal administrative hearing conducted by the Council on Postsecondary Education for residency determinations related to eligibility for the Academic Common Market and Regional Contract Programs shall be conducted pursuant to the provisions of KRS Chapter 13B and 13 KAR 2:070. The recommended order issued by the President of the Council shall be a final administrative action.
(5)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 subsection (3) of this section. A student may request a review of a determination of residency status in a subsequent

academic term.

Section 13. Institutional Responsibilities.

Each institution shall:

(1) Provide for an administrative appeals process that includes a residency appeals officer to consider student appeals of an initial residency determination and which shall include a provision of fourteen (14) days for the student to appeal the residency appeals officer's determination;

(2) Establish a residency review committee to consider appeals of residency determinations by the residency appeals officer. The residency review committee shall make a determination of student residency status and notify the student in writing within forty- five (45) days after receipt of the student appeal;

(3) Establish a formal hearing process as described in Section 14 of this administrative regulation; and

(4) Establish written policies and procedures for administering the responsibilities established in subsections (1), (2), and (3) of this section and that are:

(a) Approved by the institution's governing board;

(b) Made available to all students; and

(c) Filed with the council.

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:

(a) Be a person not involved in determinations of residency at an institution except for formal hearings; and

(b)Not be an employee in the same organizational unit as the residency appeals officer.

(3) An institution shall have written procedures for the conduct of a formal hearing that have been adopted by the board of trustees or regents, as appropriate, and that provide for:

(a) A hearing officer to make a recommendation on aresidency appeal;

(b) Guarantees of due process to a student that include:

(1) The right of a student to be represented by legal counsel; and

(2) The right of a student to present information and to present testimony and information in support of a claim of Kentucky residency; 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 a 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 the student's claim of residency.

(17 Ky.R. 2557; eff. 4-5-1991; Am. 22 Ky.R. 1656; 1988; eff. 5-16-1996; 23 Ky.R. 3380; 3797; 4099; eff. 6-16-1997; 24 Ky.R. 2136; 2705; 25 Ky.R. 51; eff. 7-13-1998; 25 Ky.R. 2177; 2577; 2827; eff. 6-7-1999; 749; 1238; eff. 11-12-2002; 36 Ky.R. 1083; 1951; 2033-M; eff. 4-2-2010; TAm eff. 11-20-2014; 41 Ky.R. 2108; 42 Ky.R. 9; eff. 7-13-2015; TAm 7-13-2015).

UNIVERSITY RESIDENCY APPEALS POLICY AND PROCEDURES

The B.R.E.D.S. Office of Admissions determines the residency status of students at the time of application to the University in compliance with 13 Kentucky Administrative Regulation 2:045. A student who questions his/her residency status, a new applicant, should direct all inquiries to the B.R.E.D.S. Office. All currently enrolled students should submit documentation to the Office of the Registrar. Upon completion of the required affidavit by the student and submission of all required documentation, a written residency decision will be made by the B.R.E.D.S. Office or Registrar's Office. A student may appeal this decision within 14 days from the date of the residency decision through the B.R.E.D.S. Office to the University Residency Admission/Recruitment Committee, which is established to consider residency classification appeals. The University Residency Admission/Recruitment Committee shall issue its written decision and shall notify the student within 45 days of the receipt of the appeal. Appeals should be addressed to the Director of B.R.E.D.S., Kentucky State University, 400 E. Main Street, 312 Academic Service Building , Frankfort, KY 40601.

Chapter 3
FEES and FINANCIAL ASSISTANCE

Bursar's Office
Mrs. Danyel Tolbert, Bursar
Academic Services Building, Suite 349
Phone: (502) 597-6278
E-mail: bursarmail@kysu.edu

Office of Financial Aid
Mrs. Russelle Keese, Executive Director
Academic Services Building, Suite 349
Phone (502) 597-5960
Email: finaidmail@kysu.edu

Website Link - Bursar: www.kysu.edu/administration-governance/finance-business/bursar

Tuition and Fees

Expenses associated with attending Kentucky State University are kept as low as possible to help ensure access to the University's programs. Tuition and fees for the current academic year may be found under 'Tuition and Fees' at www.kysu.edu/administration-governance/finance-business/bursar.

Account Summary
During preregistration, after schedules are entered into the Banner system any billing inquiries should be directed to the Bursar's Office. The account summary may include charges for tuition and fees, course related fees, and room and board.

Residency
Questions regarding status as an in-state or out-of-state student should be directed to the B.R.E.D.S. Office (Academic Service Building, Room 312; 502-597-6813). Residency information is also included in this catalog in Chapter 2.

Financial Aid
Questions about a Financial Aid Award should be directed to the Office of Financial Aid (349 Academic Services Building; Phone 502-597-5960 or email finaidmail@kysu.edu).

Bursar
Questions about a credit appearing on the student's bill (Account Summary) should be directed to the Bursar (349 Academic Services Building; Phone 502-597-6278 or email bursarmail@kysu.edu

Room and Board
Charges for on-campus housing and meal plans will be reflected on the student's bill (Account Summary). If applicable room and board charges do not appear on your account summary, contact the Office of Residence Life (317 Academic Services Building; phone 502-597-5951 or 597-6123 or email reslife@kysu.edu).

Payment Information
To expedite payment and prevent any possible delays, please have any materials related to the following areas available (if applicable):

- Registration (class schedule, add/drops).

- Housing/Room & Board.
- Payment Installment Option information (see below).

Payments must be made on or before the published due date. If payments are received after the published due dates, late fees may be charged to the student's account.

Payment Methods

- PAYMENT BY MAIL -- NEVER SEND CASH THROUGH THE MAIL.

  If the student chooses to pay by mail, the payment must be in the form of a cashier's check, certified check, money order, or personal check. The student's ID number must be on the front of payment method.

  Mail your payment to: Kentucky State University
  Cashier's Office
  364 Academic Services Building
  400 East Main Street
  Frankfort, KY 40601

- PAYMENT IN PERSON

  Fees may be paid in person at the Bursar's Office - located in the Academic Services Building 3rd floor lobby. Payment must be completed prior to the end of late registration.

- PAYMENT BY CREDIT CARD OR ACH (electronic check) through WIRED.

  Kentucky State University accepts Visa, MasterCard, Discover, and American Express. Credit Card payments are final and available online, over the phone via the cashier's office, or at the on-campus cashier service window.

  To access this on-line feature follow the steps below:

  1. Go to www.kysu.edu.
  2. Click on the link WIRED.
  3. Click on "Enter Secure Area".
  4. Enter your User ID and Pin #.
  5. Click Login.
  6. Click on the "Current Students" tab.
  7. Click on "Student Records" tab.
  8. Click on "Account Summary" or "Account Summary by Term".
  9. Click on the link at the bottom of the page titled "Credit Card Payment".
  10. You will now be in the Cashnet Portal where you need to enter you User ID and Pin #.
  11. Follow the steps through the Cashnet Portal to make an ACH or Credit Card Payment.

- PAYMENT INSTALLMENT OPTION (PIO)
- Registration is subject to deletion and/or a $100 late payment fee, if fee payment requirements for institutional charges are not satisfied by the appropriate fee payment deadline listed in the Academic Calendar.

The Payment Installment Option (PIO) is offered to all students in order to help satisfy payment requirements by the appropriate fee payment deadline.

The PIO will include all unpaid tuition and fees and housing and meal plan charges.

Before enrolling in the PIO, students will be required to read and accept terms of the plan on Cashnet.

The enrollment fee of $35 is due when signing up for the PIO through WIRED/Cashnet. The PIO enrollment fee is not refundable, regardless of when your financial aid or other payments are applied to your account.

Enrollment in PIO is not automatic. You must enroll online through WIRED. Students may pay the full installment amount due online.

PIO enrollment is available through the end of late registration deadline dates for each term. Please refer to the Academic Calendar for specific dates.

The remaining installment payments are due in four separate installments.

Students will receive a billing notification via email. Students remain responsible for the installment payments by the appropriate deadline, even if they do not receive or do not open their online invoice on WIRED or through campus email. Students who drop or withdraw from classes after the 100% drop period may have a balance due under the Payment Installment. Tuition and fees are adjusted based on the drop or withdrawal date. A refund would only be issued to the student if the newly adjusted amount of fees are less than the amount that has been paid by the student resulting in a credit balance.

Unpaid installment amounts will generate a financial hold on the Student Account. This action discontinues access to online registration for future terms, viewing/receiving grades for current or future terms, and receiving transcripts/diplomas.

The University reserves the right to deny students the privilege of using the PIO. If you have any questions regarding the PIO, please contact the Bursar's Office at (502) 597-6278.

Please note: If a check/draft or credit card used to satisfy institutional charges is returned or dishonored by your financial institution, you will be assessed a $50 returned check service charge and your registration is subject to cancellation. A returned check/draft or credit card used as payment on a PIO that is returned or dishonored nullifies the PIO agreement. The registration will be cancelled and any remaining balance will be due in full.

Foreign Currency

All payments must be made in U.S. dollars.

Returned Checks

Personal checks are accepted for a variety of services (e.g. tuition and fees, traffic tickets, library fines, etc.). If more than two (2) checks are returned, check cashing privileges will be revoked. Upon receipt of the returned check, the issuer will be notified and informed he/she has ten (10) days to make restitution, including any related fees, to prevent any further collection activity. Restitution must be made in the form of cash, certified check, or money order.

Online Courses

Online tuition and fees can be found in the Tuition and Fee Schedule. All fees are subject to change without notice. A full -time student who supplements traditional courses (on campus or in class lecture) with online courses shall be charged based on the normal full-time tuition and fee schedule and residency.

A student that registers for 12 or more hours online exclusively will be classified as a full-time student and shall be charged based on the normal tuition and fee schedule and residency.

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 enrolls as a student at Kentucky State University will have all tuition and fee charges waived. However, in the event that classes are full, or the granting of free admission requires additional sections, Kentucky State University may deny admission under this provision.

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

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 must 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 with documented 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 a 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 a tuition waiver. Interested persons may contact the Kentucky Department for Veterans Affairs (502) 595-4447. For more information on this waiver visit: https://veterans.ky.gov/Pages/HidPages/TuitionWaiver.aspx

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 or credit hour 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 Office of the Registrar. Generally, financial aid funds are applied to the student's account after the 12th day of classes. Residual checks are deposited to the student's BankMobile Vibe account.

Time Periods for Refunds

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 issued from Title IV funds will be issued within fourteen days from the date funds are applied to the student's account resulting in a credit balance. Generally, financial aid funds are applied after the 12th day of classes. Questions concerning refunds should be directed to the Bursar's Office (Academic Services Building, Suite 354: Phone 502-597-6278 or email bursarmail@kysu.edu).

Students who receive Title IV funds such as the Federal Pell Grant, Federal Supplemental Education Opportunity Grant (FSEOG), Federal Direct or PLUS loans and withdraws from the University is 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 the federal financial aid dollars will be considered "unearned" and returned to the respective federal program. Unearned financial aid dollars returned to the federal programs could cause students to owe the University a significant amount upon withdrawal. A portion of the return may require repayment to the Department of Education by the student. Failure to repay any amount due to the respective federal program will result in loss of eligibility for federal financial aid assistance.

Title IV Financial Aid Refunds

Federal funds returned are distributed to the programs as follows:

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

If the Financial Aid Office determines a student owes a return of financial aid funds, the student will receive a new statement of account from the Bursar's Office or the student can view their account on WIRED. This is the student's financial obligation to the university.

To view the formula for return of financial aid funds visit http://kysu.edu/administration-governance/studentaffairs/financial-aid/return-of-title-iv-financial-aid/.

Financial Aid

Kentucky State University acknowledges that many students require some form of financial assistance to support their education. KSU provides a wide range of resources through scholarships, grants, college work-study, and low-interest loans. Administration of financial assistance is the responsibility of Kentucky State University's Office of Financial Aid, which is located in the Academic Services Building, Suite 349; 502-597-5960.

Applying for Financial Aid

Fall and Spring Semesters

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 First-Year and Transfer Students

Four 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 program.
2. The prospective student must submit official admission application materials to the B.R.E.D.S Office (Admissions).
3. Every applicant must complete the Free Application for Federal Student Aid (FAFSA) online at www.studentaid.gov annually. The FAFSA is available on October 1st every year to apply for financial assistance for the next academic year. Kentucky State University's Federal School Code (001968) must be indicated on the FAFSA application. Applicants are strongly encouraged to use the IRS Data Retrieval Tool (DRT*) to load personal income tax information into the FAFSA electronically.
4. As a result of filing the FAFSA, applicants will receive a Student Aid Report (SAR) via email from the Central Processing System (CPS) Applicants should review the SAR for accuracy and respond to any requested additional information and/or documentation. If an applicant is selected for verification, the Financial Aid Office will send a notification via Kentucky State University's email system. The applicant will be directed to our WIRED system and directed to complete and submit the appropriate Verification Worksheet, along with copies of both the parent's and the student's federal IRS Tax Transcript(s) to the University's Financial Aid Office. All **Documents should be submitted within** fifteen (15) days in one packet. Incomplete submissions are not accepted. *Successful use of the IRS DRT when completing a FAFSA eliminates the need to mail in IRS Tax documents.

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

Continuing Students

Three specific steps must be followed before a continuing student at the University may be officially considered for financial aid:

1. Continuing students must complete the Free Application for Federal Student Aid (FAFSA) annually. It is available online at www.studentaid .gov on October 1st of every year.. The Kentucky State University School Code (001968) must be indicated on the FAFSA application. Applicants are strongly encouraged to

use the IRS Data Retrieval Tool (DRT*) to load personal income tax information into the FAFSA electronically. *The priority deadline for scholarship renewal is January 15th annually*.

2. As a result of filing the FAFSA, applicants will receive a Student Aid Report (SAR) via email from the Central Processing System (CPS). Applicants should review the SAR for accuracy and respond to any requested additional information and/or documentation. If an applicant is selected for verification, the Financial Aid Office will send a notification via Kentucky State University's email system. The applicant will be directed to our WIRED system. Instructions are provided on to complete and submit the appropriate Verification Worksheet, along with copies of both the parent's and the student's federal IRS Tax Transcript(s) to the University's Financial Aid Office. All **Documents should be submitted within** fifteen (15) days in one packet. Incomplete submissions are not accepted. *Successful use of the IRS DRT when completing a FAFSA eliminates the need to mail in IRS Tax documents.
3. Every applicant must meet federal Satisfactory Academic Progress (SAP) standards as outlined in the University's SAP policy. When SAP requirements are not met, students are notified via their Wired Account of their right to appeal. Financial Aid Appeal forms with required letters and supporting documentation must be submitted to the Office of Financial Aid by the deadline indicated on the SAP Appeal Form for consideration. Late submissions will be considered for a subsequent term.

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

Summer Semester 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 Summer Financial Aid Application. The following conditions apply:

1. If a FAFSA has been submitted for the immediately preceding academic term, a new FAFSA is not required in order to receive financial aid for a summer session. Otherwise, a new FAFSA must be submitted before February 15.
2. The student must be pre-registered for summer courses before the University's Summer Financial Aid Application will be processed by the Financial Aid office. Please note: The student's summer awards will be contingent based on the student's Satisfactory Academic Progress standing--evaluated at the end of each spring semester.

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.

Satisfactory Academic Progress (SAP)

Academic Appeals to return to the University after an Academic Suspension must be submitted to the Office of the Registrar for consideration. *The Satisfactory Academic Progress Appeal is a separate process managed by the Financial Aid Appeals Committee. It requires different information and forms that can be found on the University's web site. Students are encouraged to review this section carefully as these guidelines must be met*. The Higher Education Act of 1965 as amended by Congress in 2008 mandates institutions of higher education to establish minimum standards of "Satisfactory Progress" for students receiving federally funded financial aid. This policy is consistent with the federal guidelines that identify both full-time and part-time students as being eligible for federally funded financial assistance.

Satisfactory Academic Progress is based on THREE Components:

- Qualitative Progress (cumulative grade point average)
- Quantitative Progress (hours earned), and

- Maximum Time Frame for Degree Completion

A student must maintain satisfactory progress in all three areas to receive federal aid even if federal aid was never received in the past. Satisfactory progress standards are reviewed at the end of the spring academic term. A student who fails to maintain satisfactory academic progress as defined here will not be permitted to receive federal or institutional financial aid.

Qualitative Progress (GPA)

Degree Level	Minimum Cumulative GPA
Undergraduate Students with 0 – 29 credit hours	1.70
Undergraduate Students with 30 or more credit hours	2.00
Graduate Students	3.00

Quantitative Progress (Earned Hours/ Completion Rate)

A student must successfully complete a minimum of 67% of the credit hours attempted. Successful completion for this purpose is defined as receiving a grade of "D" or better. Example:

	Fall Semester/Spring Semester	Total Attempted (All Years)	Must earn at least 67%
1st Year	15 hours + 15 hours	30 Hours	30 hours x 67% = 20 hours
2nd Year	16 hours + 16 hours	62 Hours	62 hours x 67% = 42 hours
3rd Year	17 hours + 17 hours	96 Hours	96 hours x 67% = 64 hours

- Attempted hours are defined as those for which a student receives a grade of A, B, C, D, F, I, W, WP, or WF.
- Grades A, B, C, and D shall be considered as credits earned.
- Grades F, W, I, Pass/Fail and Audit count as attempted hours for the purpose of determining Satisfactory Academic Progress.

Withdrawing from courses at any point after the drop/add period will negatively affect a student's completion rate. A student who repeats courses, withdraws frequently, or takes courses not related to a degree objective is not making progress toward graduation and is subject to loss of eligibility for financial aid.

Maximum Time Frame (MFT) for Degree Completion

All undergraduate and graduate students are expected to finish their program within a maximum time frame which cannot exceed 150% of the published length of their program. All attempted credit hours are considered toward the maximum time calculation, regardless of whether or not financial aid was received. Test, Transfer, and remedial/developmental hours are also included.

Example:

Program Hours Needed to Graduate	Total Attempted (all years)	Attempted x 150%	MTF SAP Standing
48 credit hours	Student A: 60 Hours	Meeting SAP < 72 hours	Meets SAP

66 credit hours	Student B: 90 Hours	Meeting SAP < 99 hours	Meets SAP
128 credit hours	Student C: 197 Hours	Meeting SAP < 192 hours	Not Meet SAP

A student who changes his/her major is still responsible for completing his/her degree in the maximum time frame. The allowed time frame does not automatically increase if you change your major or pursue double majors.

Appeal of Financial Aid Suspension

Students who fail to meet satisfactory progress standards, as defined above, may appeal the ruling to the Satisfactory Academic Progress (SAP) Committee if they believe extenuating circumstances led to their failure to maintain satisfactory progress. **Students wishing to appeal must submit a completed SAP appeal to Financial Aid office two weeks prior to the following academic term.**

The committee is comprised of faculty and/or staff members from various departments on campus. The committee meets as needed to review appeals. The Assistant Director of Student Financial Aid prepares and presents the appeals to the committee but does not vote on the appeal decision except in the case of a tie vote. Once the committee's decision is complete, the student will be notified of that decision via email from the Assistant Director. All appeals and relevant documents are kept in the student's file. The committee's decision is final and cannot be appealed. Appeals must include:

1. A completed and signed Satisfactory Academic Progress Appeal form. The form can be found on www.kysu.edu.
2. A letter written by the student which clearly states the extraordinary circumstances which may have adversely affected the student's academic performance and what changes have occurred to ensure academic success.
3. Documentation of the extraordinary circumstances identified in the student's letter.
4. Degree Audit completed by academic advisor.

Send your completed appeal to: Kentucky State University, Office of Financial Aid, c/o SAP Committee, 349 Academic Services Building, Frankfort, KY 40601.

Reestablishing Eligibility for Federal Student Aid (FSA)

A student who loses his/her eligibility for FSA funds because the student fails to satisfy a school's standard of satisfactory academic progress, other than when an appeal is granted for unusual or mitigating circumstances, can reestablish eligibility only by taking action that brings them into compliance with the qualitative and quantitative components of the school's standard including the maximum timeframe. Should a student's financial aid eligibility be terminated for failure to maintain satisfactory progress as defined, his/her financial aid will not be reinstated until the student enrolls for a subsequent academic term (fall, spring, or summer term) at his/her own expense and completes the term(s) needed to bring the student back into compliance with the satisfactory progress definition. Once the student meets the SAP standards, the student should then file an appeal with the Office of Financial Aid to re-review the academic record.

Over Award Policy

An over award is financial aid that exceeds a student's financial need and/or cost of attendance. When a student receives federal and/or state aid, Kentucky State University is required to adhere to all associated regulations. All aid, including scholarships, grants, loans, tuition remission, 3rd party payments, housing waivers and benefits, awards and prizes, and other various programs must be counted as estimated financial assistance in a student's total aid package. It is the student's responsibility to report all sources of estimated financial assistance. Examples include departmental scholarships, employee tuition remission, outside scholarships, alternative (or outside) student loans, third party assistance, housing benefits or waivers, etc. To report estimated financial assistance not already included in your aid package, notify the Office of Financial Aid at finaidmail@kysu.edu (You may also contact your Financial Aid

Advisor to report the additional source/resource). Reporting this information to the Office of Financial Aid early will help prevent changes in eligibility that may result in revisions to a financial aid award.

When the Office of Financial Aid identifies an over award, adjustments will be made to the student's aid package to ensure compliance with federal and state regulations. Self-help aid (i.e. loans and work-study) is adjusted before grant or scholarship aid. If an over award occurs after aid has been disbursed, the student may be required to repay all or a portion of their financial aid to the University.

Institutional Aid Stacking Policy

The sum of all institutional aid received by a student cannot exceed Kentucky State University's standard direct costs, to be determined each year. Direct costs include tuition, average room and board, and average book costs. KSU will review each individual student's direct costs to determine the individual's limitation on institutional aid. Any funding paid by Kentucky State University is considered institutional aid. Some examples are admission-based scholarships, departmental awards, employee tuition remission, KRS benefits, housing waivers and benefits, and athletic scholarships.

The Office of Financial Aid at Kentucky State University reserves the right to revise an award at any time due to changes in eligibility, the availability of funds and when a student's total institutional aid exceeds the direct cost of attendance.

Types of Financial Aid

College Access Program (CAP)

Students who are Kentucky residents may be eligible for a grant from the Commonwealth of Kentucky. The annual Free Application for Federal Student Aid (FAFSA) is the application for this award. The applications is available on-line at www.studentaid.gov. To receive this grant, students must submit the FAFSA as soon as possible on or after October 1st of each year. The state of Kentucky will send a notification to applicants regarding their eligibility with this grant program.

Federal Pell Grant Program

The Federal Pell Grant Program is the largest federal Grant 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 Student Aid Program will send the Student Aid Report (SAR) to Kentucky State University as requested on the FAFSA. 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 Student Aid Report (SAR) and after any/all discrepancies have been resolved or verified.

Federal Supplemental Education 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 qualified students who demonstrate financial need. Applicants must complete the FAFSA to determine eligibility for this grant.

TEACH Grant

The TEACH Grant Program is a non-need based program that provides up to $4,000 per year to students enrolled in an eligible program and who agree to teach as a highly-qualified full-time teacher at a federally designated low-income (Title I) school and teach in a specified high-need field, at a low income elementary or secondary school for at least four years within eight years of completing the program for which TEACH Grant was awarded. Eligible undergraduate students may not receive more than $16,000 and graduate students may receive no more than $8,000 in total TEACH Grants. TEACH Grant recipients who do not fulfill their teaching obligations must repay the grant as if it was an unsubsidized Direct Loan, with interest accruing from the date the grant was disbursed. Additional information about the program can be found at: http://www.studentaid.ed.gov/PORTALSWebApp/students/english/TEACH.jsp

Student Eligibility Requirements:

- Submit a completed FAFSA and meet all federal student eligibility requirements*
- Indicate interest on the FAFSA or notify our office of interest
- Be admitted into the Teacher Certification program.
- Contact the College of Education at 502-597-5919.
- Enroll in a degree program that has been identified by the federal government as "high-need." A state by state listing can be found at: http://www.gov/about/offices/list/ope/pol/tsa.doc
- Maintain a 3.25 GPA (high school GPA for first year undergrads) OR score in the 76th percentile or higher on at least one nationally normed admissions test (SAT, ACT, GRE).
- Complete and sign Agreement to Serve (ATS) on file with the Department of Education.

* Please note that the amount of TEACH Grant in combination with any other assistance may not exceed the cost of attendance.

William D. Ford Federal Direct Student Loan Program-Federal Subsidized Stafford 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 a six-month grace period prior to entering into repayment. Students must demonstrate financial need to receive this type of loan. (Financial Aid determines need based eligibility based on the information provided on the FAFSA).

Federal Direct Unsubsidized Stafford Loans

Also called Direct Unsubsidized Loans: Students qualify for these loans regardless of financial need, but will have to pay all interest charges. Interest may be capitalized while in-school and during the grace period prior to entering repayment.

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 (student). The promissory note contains the terms and conditions of the loan, including how and when the loan must be repaid. One Master Promissory Note (MPN) covers both the Federal Direct Subsidized and the Federal Direct Unsubsidized Loans. The amount of subsidized and/or unsubsidized is not reflected on the MPN but will be included in the most recent financial aid award notification from the Office of Financial Aid. A disbursement notification will be sent to the borrower by the Office of Financial Aid. This notice informs a borrower when a disbursement of a direct subsidized and/or direct unsubsidized loan has been authorized for disbursement by the Bursar. It is important for the student to remember that he/she will be responsible to repay only the loans he/she actually receives at the school.

Federal Direct PLUS Loans

For parents of dependent students to help pay for a dependent's education. Parents are responsible for all interest charges. In order to apply, a parent must complete a PLUS Loan Request form, and the Federal PLUS Application and Master Promissory Note (MPN) at www.studentaid.gov .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 1st but is currently capped at nine (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, paid directly to the student. The repayment period begins on the day the loan is fully disbursed. If a deferment of payment is not requested when establishing the PLUS Loan, the first payment is due within 60 days after the final loan disbursement. The U.S. Department of Education's Direct Loan Servicing Center manages Direct Loan Accounts and handles all payment plans.

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. FWS approved positions are on campus. Students are paid semi-monthly as work is completed.

Scholarships

The Academic Scholarship Program at Kentucky State University is designed to recognize and reward students who have exemplified academic excellence. The University offers a variety of academic and nonacademic Scholarships/Grants-In-Aid for incoming first-year students (graduating high school seniors), returning, and transfer students. Scholarships are awarded on a competitive basis and are renewable for subsequent semesters. Interested graduating high school seniors and transfer students should contact the University's B.R.E.D.S Office (Admissions) and returning students should contact the Office of Financial Aid for appropriate application materials. For information on available scholarships, including requirements, view the Scholarship Handbook from the B.R.E.D.S Office, www.kysu.edu/admissions.

Institutional Scholarships

Institutional scholarships are monitored by the Office of Financial Aid and the University's Scholarship Committee. The committee is charged with conducting an ongoing review of scholarship policies, fees, and monitoring the award of all institutional scholarships for compliance with university regulations. Graduating high school seniors will be notified by the B.R.E.D.S./Admissions Office. Returning scholarship candidates will be notified of their scholarship status throughout the academic year as funds become available via their Wired Account by the Office of Financial Aid (Academic Services Building 349; 502- 597-5960; www.kysu.edu/financial-aid).

Scholarship Application Deadline: January 15th annually.

All students must meet the following criteria in order to be considered for a scholarship award:

- Be a U.S. citizen
- Be admitted to Kentucky State University
- Be enrolled as a fulltime student at Kentucky State University
- Have completed a Free Federal Student Aid Form (FAFSA)

Note: Awards that include room/ board will be made only to students residing in University housing.

Kentucky State University Foundation Scholarships

Kentucky State University Foundation Scholarship applications are available on the kysu.edu website at https://www.kysu.edu/documents/financial-aid/Private-Source-Scholarship-form.pdf. Graduating high school seniors must have a minimum cumulative GPA of 3.0 and a 21 ACT/SAT equivalent. Returning students must have a minimum cumulative GPA of 2.5 and 30 semester credit hours per academic year.

Academic Scholarship Policy

Changes in guidelines and procedures for scholarships are recommended by academic units, schools, and/or colleges and submitted to the Scholarship Committee for review and submission to the President for approval. Kentucky State University commits to maintaining scholarship programs of financial assistance. All academic scholarship awards are administered by the Office of Financial Aid for compliance with the following University policies:

1. All scholarship and grant-in-aid recipients **must have a completed Free Application for Federal Student Aid (FAFSA) on file by January 15th annually.**
2. Each continuing academic scholarship recipient **must maintain the specified cumulative grade-point-average (GPA) based on their individual scholarship program.**
3. **Full-time enrollment is also required during each semester while successfully completing a minimum 30 non-repeated semester credit hours during each academic year.** For the purpose of Scholarships, an academic year is defined as the fall and spring semesters only.

   Examples: **a**. Fall 15 hours + Spring 15 hours **b**. Fall 12 hours + Spring 18 hours
4. Each academic scholarship candidate must have at the time of award no less than a 3.0 cumulative GPA on a 4.0 scale and a minimum 21 ACT composite score, unless otherwise stated. Individual scholarship programs may require higher academic GPAs and/or test scores.
5. Scholarship awards may be reduced or terminated if the recipient fails to meet the requirements outlined for renewal of the specific scholarship. Not meeting the hour requirement will automatically disqualify the student from receiving a renewal. It is the student's responsibility to monitor his/her own academic progress and to comply with the stated criteria for renewal.
6. Award recipients will not be eligible for scholarship awards for the semester(s) during which they participate in University coordinated co-op training. The Office of Financial Aid must be notified in writing by the student of his/her intent to participate in co-op training as early as possible but no later than two weeks before the start of the semester in which the co-op training will occur.
7. Renewable scholarships will only be awarded for a maximum of 4 years (8 semesters). Students are not eligible to appeal scholarships after completing the maximum number of years.
8. Scholarship awards will be credited to the student's account upon enrollment and completion of the FAFSA application. For annual awards, one-half of the award will be disbursed at the fall registration and one-half at the spring semester registration. Unless otherwise stated in the description of the scholarship, summer scholarship awards are not available. Summer grades and credit hours earned by summer scholarship recipients will not be used to increase cumulative GPA and credit hour totals for the preceding academic year (fall and spring). Students, however, have the right to appeal through the Scholarship Committee.
9. 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 Financial Aid Office. Scholarship monies may be reduced or terminated in those specific cases to make sure that students stay within their financial aid cost of attendance budget. Institutional scholarships do not generate a refund.

Non-Academic Scholarship Policy

Changes in guidelines and procedures for scholarships are 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. The University offers a variety of nonacademic Grants-In-Aid for both first year and continuing students. Details of these opportunities are provided below. Kentucky State University commits to maintaining scholarship/grant-in-aid programs of financial assistance. All institutional scholarship/grant-in-aid awards shall be processed by the Office of Financial Aid for compliance with the following University policies:

- All scholarship and grant-in-aid recipients must have a completed Free Application for Federal Student Aid (FAFSA) on file.
- All non-academic scholarship candidates must be enrolled full-time with the University and meet the University's criteria for the award of institutional aid.
- 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.
- 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.
- 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.
- 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 30 non-repeated semester credit hours during each academic year. Renewal requirements for individual scholarships/grants may be more stringent.

Scholarship Appeal Process

Students who do not meet the minimum criteria for renewal may appeal to the Scholarship Committee once during their academic career, unless they have met the maximum 8 semesters/4 years. The Scholarship Appeals committee considers appeals based on a variety of extenuating circumstances such as personal illness or injury, death of an immediate family member, or other evidence of mental or physical hardship. Students wishing to appeal have 10 days from receiving status notification to submit the following documentation:

- A typed letter stating the extenuating circumstance;
- Supporting documentation written by a professional on the student's behalf on official letter head, containing the student's name and KSU ID number; and
- Complete an Academic Scholarship Appeal Form.

Chapter 4
Veterans and Military Student Affairs

Office of Veterans and Military Student Affairs
Lisa K. Lang, Acting Director
305 Academic Services Building
Phone: (502) 597-6414
E-mail: va.questions@kysu.edu

Website Link - https://kysu.edu/administration-governance/academic-affairs/registrar/veterans-affairs/

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Kentucky State University has a long history of providing high-quality, military friendly, accredited programs and exceptional delivery of services to veterans, active duty service members, reserve/guard, military dependents, and their families. At KSU, we strive to be more than just military and veteran friendly. Our goal is to be Military Ready and committed to helping you succeed. If you have any questions or concerns, please contact the Office of Veterans and Military Student Affairs at 502-597-6795.

VMSA - Mission Statement
Guided by the University's vison and mission, as well as the knowledge that Veterans offer a unique academic and social perspective to the University, the mission of the Office of Veterans & Military Student Affairs at Kentucky State University is to support all current and former members of the United States Armed Forces and their families by providing exceptional programming, delivery of services, and advocacy in attaining their educational goals and reaching their highest potential, both in the classroom and beyond.

Why KSU?
Kentucky State University has a long history of providing high-quality, accredited programs and exceptional delivery of services to veterans, active duty service members, and military dependents.

KSU is dedicated to providing a community experience that leverages the expertise and resources across the campus in support of service members, veterans, and their family members. The KSU Thorobred Community is committed and ready to work with military students toward student success and graduation.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA).

Here are some of the support services that sets KSU apart in helping you achieve your educational goals:

- No application fee for undergraduate veterans, active duty service members, or military dependents
- Maximum credit hours for military experience
- Priority registration and book vouchers upon request

GI Bill® Education Benefit

Kentucky State University is an Institution of Higher Learning (IHL) approved for training of service members, veterans, and their eligible family members. Students can determine their GI Bill® Education benefits eligibility by clicking on the 'For Students' tab at https://benefits.va.gov/gibill/ or by contacting the VA directly at 1-888-442-4551. The Director, Veterans and Military Student Affairs will assist all service members, veterans, and their family members/dependents with all actions associated with eligibility determination, military connected questions, and the enrollment certification process.

The Office of Veterans and Military Student Affairs supports all military connected students to include service members, veterans, and their family members regardless if the students are eligible for GI Bill® Education benefits. Those students eligible for VA GGI Bill® Education benefits are required to notify the Director, Veterans and Military Student Affairs of any changes to their student status during any given semester for which the student receives GI Bill® Education benefits.

GI Bill® Education Benefit Certification Process

All eligible students who wish to use their GI Bill® Education benefit are required to complete and submit the Military Student Enrollment Reporting Form no later than 30 days after classes begin for the semester. By signing and submitting the Military Student Enrollment Reporting Form, the student gives the School Certifying Official (SCO) on behalf of Kentucky State University permission to report enrollment to the Department of Veterans Affairs which will result in benefit processing and subsequent disbursement upon VA validation. The Military Student Enrollment Reporting Form must be completed each semester the student wishes to be certified by the SCO. The Director, Veterans and Military Student Affairs will coordinate with the Accounting and Bursar Offices to ensure that GI Bill® Education benefit disbursements are applied to the appropriate student's account in a timely manner. Students are required to report any changes to his/her enrollment to the Director, Veterans and Military Student Affairs immediately. Failure to report any changes may result in student reimbursement obligations to the Department of Veterans Affairs.

Tuition Assistance (TA) Program

The Office of Veterans and Military Student Affairs will assist and provide guidance to all service members regarding both the Kentucky Tuition Assistance Program and the Federal Tuition Assistance Program. The Director, Veterans and Military Student Affairs will coordinate with ArmyIgnitED personnel as well as the student's military unit or TA program point of contact to assist service members with applying for and receiving TA benefits. In addition, the Director, Veterans and Military Student Affairs will coordinate with the appropriate University office to ensure that all military funds to include TA benefits are applied to the appropriate student's account in a timely manner.

Residency Status for Purposes of Tuition

Students eligible to receive Veterans Affairs (VA) GI Bill® Education benefits qualify for the in-state tuition rate pursuant to the Veterans Access, Choice and Accountability Act of 2014 which requires postsecondary institutions to offer in-state tuition rates to qualified veterans and their dependents, regardless of state residency status. In addition, Kentucky Law (13 KAR 2:045) states: "a person eligible for benefits under the federal Post 9/11 Veterans Educational

Assistance Act of 2008, 38 U.S.C. 33013325, or any other education benefits provided under Title 38 of the United States Code shall be entitled to Kentucky resident status for purposes of tuition charged at state-supported institutions." (All Kentucky State University students captured under the aforementioned Federal Statute and State Law will be certified by the School Certifying Official (SCO) at the in-state tuition rate). See additional information regarding residency status in Chapter 2 of this Catalog.

Credit for Your Military Service

Army, Navy, National Guard, Marine Corp, Coast Guard (including Reserves)

To receive credit for your military service, service members and veterans must submit an official Joint Service Transcript (JST). Visit https://jst.doded.mil/jst/, and request your transcript be sent to Kentucky State University electronically. Be advised that transcripts sent electronically may be processed faster than paper transcripts sent via US Mail.

If you choose to mail your transcript to KSU, please send to the following address:

Kentucky State University
Office of the Registrar
323 Administrative Services Building
400 E. Main Street
Frankfort, KY 40601

Air Force

Air Force veterans and service members should request their Community College of the Air Force (CCAF) transcript to receive military credit. CCAF credit hours will be processed by the KSU Registrar's Office in the same manner as civilian college transcripts.

Processing and Evaluation

All Joint Service Transcripts are processed as quickly as possible **in the order they are received**.

*As a University Policy, KSU awards **maximum credit for your military training and experience**.*

Class Attendance/Excused Absences – Short Term Military Obligations

Prompt and regular class attendance is the responsibility of all students. Students should be aware that excessive absenteeism, whether excused or unexcused, may affect their ability to earn a passing grade. If a student is absent from class for a University excused absence which includes short term military obligations, instructors are required to allow the student the opportunity to make up missed work in a fair and equitable manner without any reduction in the student's final grade as a direct result of such action.

This policy does not supersede program accreditation requirements and as a result the program's dean, department chair and or coordinator will determine the maximum number of absences in accordance with accreditation standards.

University excused absences are grouped into the following categories: 1) University-Sponsored Activities; 2) Student/Family Illness/Death; 3) Military Obligations; 4) Jury Duty or Subpoena for Court Appearances; and 5) Major Religious Holidays. The below content addresses Short-term Military Obligations:

Short-term Military Obligations

Short-term military obligations are those that require student absence for a period up to 30 consecutive days, and they are specific to the branch of service including but not limited to the following: Active Component (Active Duty – Title 10), Reserve Component (National Guard/Reserves – Title 32), and/or Military Science obligations incurred due to ones status as a scholarship and or contracted/participating cadet in the Kentucky State University/Wildcat Battalion Army (ROTC) Program or the University of Kentucky Air Force (ROTC) program.

(ROTC) students requesting a university excused absence, under this justification must initially coordinate their request through their respective ROTC (Army/Air Force) Department. Requests under this category must be forwarded to the appropriate Dean of the student's College prior to the date of the absence if at all possible. Military Service is an acceptable university excuse and the proper documentation from the specific branch of service must be verified. Requests under this category are submitted to the Director, Veterans and Military Student Affairs with final approval by the designated Vice President or designee prior to the date of the absence, if at all possible.

Process to Make-Up Missed Work

Regardless of the nature of the excused absence, the student is responsible for opening a line of communication with their instructors and completing all coursework according to the terms agreed upon between the instructor and the student.

It is the responsibility of the student to request an opportunity to complete missed work following an absence and this request should be made to the instructor no later than the next class session. Once an excuse has been granted for the absence, all missed work must be completed within the time frame agreed upon between the student and the faculty member in order for the student to receive full credit.

Missed activities will be rescheduled or, in the event that rescheduling of an activity is not practical or possible, a fair and equitable alternative way of arriving at the overall grade must be developed by the instructor. If students are allowed to drop their lowest test score in a course, the instructor cannot require the student to use a missed exam as that "drop."

Students must be afforded the opportunity to make-up missed work within a reasonable time period upon their return.

Punitive measures must not be taken against a student who presents military orders and or notification from a Commander or the Commander's representative.

Appeals

Students who feel that they have been unjustly penalized by an instructor's attendance policy or by the instructor refusing to accept an excuse may follow the academic grievance procedures.

Military Science Program

Army ROTC

Kentucky State University has entered into a partnership agreement with the U.S. Army Cadet Command (7th Brigade) Army Reserve Officers Training Corps (ROTC) program. Students who wish to participate in the Army ROTC program have access to receive ROTC scholarship assistance by way of contractual agreement and commission as a second lieutenant in the United States Army.

Army ROTC provides merit-based scholarships and other financial aid opportunities for college-bound high school students and students already attending KSU. Multi-year ROTC scholarships are available on an equally competitive basis to qualified students.

The Four-Year Scholarship is for high school students planning to attend a four-year college program or for those who have just begun college. Contact your high school academic advisor or campus Military Science department for more information. Students must fulfill an eight-year service commitment with the Army, serving full-time in the Army for four years and four years with the Individual Ready Reserve (IRR). Selected Cadets may choose to serve part time in the Army Reserve or Army National Guard while pursuing a civilian career.

The Three-Year Scholarship is available for students already enrolled at KSU with three academic years remaining. Students must fulfill a four-year service commitment with the Army. Selected Cadets may choose to serve part time in the Army Reserve or Army National Guard while pursuing a civilian career.

The Two-Year Scholarship is available for those who have two academic years remaining. Students must serve full-time in the Army for four years. Selected Cadets may choose to serve part time in the Army Reserve or Army National Guard while pursuing a civilian career.

The Military Science Program is open to both men and women and follows a general military science curriculum. Currently, all Army Military Science (AMS) courses are offered at KSU. Contact the University of Kentucky Wildcat Battalion Recruiting Operations Officer at 859-257-6865.

Active Duty Student Checklist – for Admission and Enrollment

1. APPLY TO KSU

Be sure to identify yourself as Active Duty on your application; this will waive the application fee for all Undergraduate applicants. If you have already paid the fee, please contact the Office of Veterans and Military Student Affairs at 502-597-6795 and include your KSU student ID number.

2. Request Official copies of any Transcripts

Request official copies of transcripts from your high school or any college where you have taken courses. High school transcripts are only required if you have completed less than 24 civilian college hours.

3. Request your ACT or SAT scores

If you haven't taken an ACT or SAT, you also have the option to take a placement test. Pending the availability of funds, this service is free for veteran and military students.

KSU also accepts credit by exam from **DANTES** and **CLEP**, which is a great way to earn academic credit for what you know. To learn more about exams accepted by KSU, contact the Office of Veterans and Military Student Affairs.

4. Request your Joint Service Transcript

To receive credit for your military service, you must submit a Joint Services Transcript (JST). Visit the JST website, and request your transcript be sent to KSU electronically. Air Force veterans and service members should request their Community College of the Air Force (CCAF) transcript to receive military credit.

5. Claim your Active Duty Status

Verify your active duty status with the Office of Veterans and Military Student Affairs

Important Information for Students

- Students must provide verification of active duty status at the beginning of each academic year.
- Students must verify their active duty status by the end of the Add/Drop period in their first term, as well as by the end of the Add/Drop period in the first term of each subsequent academic year. Online students registered for both terms must verify their Active Duty Status prior to the Add/Drop date for the fall term.

6. Apply for Federal Tuition Assistance

Each branch of service has its own rules and procedures regarding Tuition Assistance, but service members may be eligible for up to $4,000 in educational benefits per year. These funds are paid directly to the university to be applied towards tuition expenses. If the cost of tuition exceeds the cap for TA, service members may be eligible to use VA education benefits for out-of-pocket costs.

Military.com explains each service's TA program and provides links to each service's TA websites.

7. Submit the Free Application for Federal Student Aid (FASFA)

We highly recommend you fill out your FASFA as soon as possible. Your Federal TA/VA education benefits are completely separate from Financial Aid, so we encourage you to go online now and fill out your FASFA. The FAFSA determines students' eligibility for grants and/or loans.

Complete the Free Application for Federal Student Aid (FAFSA) online

8. Apply for VA Education Benefits (If Applicable)

You can apply for VA education benefits at the www.va.gov website.

If you have questions about your VA education benefits or any other questions you may contact them at:

VA Regional Office
Telephone: (888) 442-4551
Website: www.vets.gov

9. Submit your Course Enrollment Form (Only if using VA Education Benefits)

After you are advised and registered for classes, you must complete the **Course Enrollment Form.**

This form allows us to certify you for your VA educational benefits. Please note the following:

- You must complete a **Course Enrollment Form** each semester after registering for classes. If you do not complete the **Course Enrollment form**, then neither you nor the school will receive funding.
- If you change your major, you must complete a new Change of Program form (VA Form 22-1995) before the semester starts.

If you add, drop, or change a class after you have submitted your initial Course Enrollment Form, you must submit a new Course Enrollment Form immediately.

Reservist/National Guard Student Checklist – for Admission and Enrollment

1. APPLY TO KSU

Be sure to identify yourself as Active Duty on your application; this will waive the application fee for all Undergraduate applicants. If you have already paid the fee, please contact the Office of Veterans and Military Student Affairs at 502-597-6795 and include your KSU student ID number.

2. Request Official copies of any Transcripts

Request official copies of transcripts from your high school or any college where you have taken courses. High school transcripts are only required if you have completed less than 24 civilian college hours.

3. Request your ACT or SAT scores

If you haven't taken an ACT or SAT, you also have the option to take a placement test. Pending the availability of funds, this service is free for veteran and military students.

KSU also accepts credit by exam from **DANTES** and **CLEP**, which is a great way to earn academic credit for what you know. To learn more about exams accepted by KSU, contact the Office of Veterans and Military Student Affairs.

4. Request your Joint Service Transcript

To receive credit for your military service, you must submit a Joint Services Transcript (JST). Visit the JST website, and request for your transcript to be sent to KSU electronically. Air Force veterans and service members should request their Community College of the Air Force (CCAF) transcript to receive military credit.

5. Request Federal or State Tuition Assistance

Army Reservists/National Guard on Federal Active Duty: https://www.armyignited.com/app/
Army Reservists/National Guard requesting State Tuition Assistance (TA): https://ky.ngb.army.mil/tuitionstudent/

Note: Deadlines for requesting State TA are 1 October (Spring) and 1 April (Summer/Fall)

For Reservists/Guard in other service branches or Air National Guard members, visit Military.com's TA Overview for information in requesting TA.

6. Submit the Free Application for Federal Student Aid (FASFA)

We highly recommend you fill out your FASFA as soon as possible. Your Federal TA/VA education benefits are completely separate from Financial Aid, so we encourage you to go online now and fill out your FASFA. The FAFSA determines students' eligibility for grants and/or loans.

Complete the Free Application for Federal Student Aid (FAFSA) online

7. Apply for VA Education Benefits (If Applicable)

You can apply for VA education benefits at the www.va.gov website.
If you have questions about your VA education benefits or any other questions you may contact them at:
VA Regional Office
Telephone: (888) 442-4551
Website: www.vets.gov

8. Submit your Course Enrollment Form (Only if using VA Education Benefits)

After you are advised and registered for classes, you must complete the **Course Enrollment Form.** This form allows us to certify you for your VA educational benefits. Please note the following:

- You must complete a **Course Enrollment Form** each semester after registering for classes. If you do not complete the **Course Enrollment form**, then neither you nor the school will receive funding.
- If you change your major, you must complete a new Change of Program form (VA Form 22-1995) before the semester starts.

If you add, drop, or change a class after you have submitted your initial Course Enrollment Form, you must submit a new Course Enrollment Form immediately.

Veteran Student Checklist– for Admission and Enrollment

1. APPLY TO KSU

Be sure to identify yourself as a Service Member/Veteran on your application; this will waive the application fee for all Undergraduate applicants.

If you have already paid the fee, please contact the Office of Veterans and Military Student Affairs at 502-597-6795 and include your full name and KSU student ID number.

2. Request Official copies of any Transcripts

Request official copies of transcripts from your high school or any college where you have previously taken courses. (Note: Students with more than 24 prior civilian college credits are not required to submit their high school transcript.)

3. Request your ACT or SAT scores

If you haven't taken an ACT or SAT, you may also have the option to take a placement test through coordination with the Office of Veterans and Military Student Affairs. Pending the availability of funds, this service is free for veteran and military students.

4. Apply for VA Education Benefits

You can apply for VA education benefits at www.va.gov website.

If you have questions about your VA education benefits or any other questions you may contact them at:

VA Regional Office
Telephone: (888) 442-4551
Website: www.vets.gov

Once received from the VA, submit a copy of your Certificate of Eligibility (COE) to the Office of Veterans and Military Student Affairs.

5. Submit the Free Application for Federal Student Aid (FASFA)

We highly recommend you fill out your FASFA as soon as possible. Your VA benefits are completely separate from Financial Aid, so we encourage you to go online now and fill out your FASFA. The FAFSA determines students' eligibility for grants and/or loans.

6. Request for Joint Service Transcript

To receive credit for your military service, you must submit a Joint Services Transcript (JST). Visit the JST website, and request for your transcript to be sent to KSU electronically. Air Force veterans and service members should request their Community College of the Air Force (CCAF) transcript to receive military credit.

KSU also accepts credit by exam from **DANTES** and **CLEP**, which is a great way to earn academic credit for what you know. To learn more about exams accepted by KSU, contact the Office of Veterans and Military Student Affairs at 502-597-6795.

7. Submit your Course Enrollment Form

After you are advised and registered for classes, you must complete the **Course Enrollment Form.** This form is required to certify you for your VA educational benefits. Please note: You must complete a **Course Enrollment Form** each semester after registering for classes. If you do not complete the **Course Enrollment form**, then neither you nor the school will receive funding.

If you add, drop, or change a class after you have submitted your initial Course Enrollment Form, you must submit a new Course Enrollment Form immediately.

Military Dependents (Spouses and Children) Student Checklist – for Admission and Enrollment

1. APPLY TO KSU

Be sure to identify yourself as Active Duty on your application; this will waive the application fee for all Undergraduate applicants.

If you have already paid the fee, please contact the Office of Veterans and Military Student Affairs at 502-597-6795 and include your KSU student ID number.

2. Request Official copies of any Transcripts

Request official copies of transcripts from your high school or any college where you have taken courses. High school transcripts are only required if you have completed less than 24 civilian college hours.

3. Request your ACT or SAT scores

If you haven't taken an ACT or SAT, you also have the option to take a placement test. Pending the availability of funds, this service is free for veteran and military students.

KSU also accepts credit by exam from **DANTES** and **CLEP**, which is a great way to earn academic credit for what you know. To learn more about exams accepted by KSU, contact the Office of Veterans and Military Student Affairs.

4. Request your Joint Service Transcript

To receive credit for your military service, you must submit a Joint Services Transcript (JST). Visit the JST website, and request for your transcript to be sent to KSU electronically. Air Force veterans and service members should request their Community College of the Air Force (CCAF) transcript to receive military credit.

5. Submit the Free Application for Federal Student Aid (FASFA)

We highly recommend you fill out your FASFA as soon as possible. Your Federal TA/VA education benefits are completely separate from Financial Aid, so we encourage you to go online now and fill out your FASFA. The

FAFSA determines students' eligibility for grants and/or loans. **Complete the Free Application for Federal Student Aid (FAFSA) online**

6. Apply for VA Education Benefits (If Applicable)

You can apply for VA education benefits at the www.va.gov website. If you have questions about your VA education benefits or any other questions you may contact them at:

VA Regional Office
Telephone: (888) 442-4551
Website: www.vets.gov

7. Submit your Course Enrollment Form (Only if using VA Education Benefits)

After you are advised and registered for classes, you must complete the **Course Enrollment Form.** This form allows us to certify you for your VA educational benefits. Please note the following:

- You must complete a **Course Enrollment Form** each semester after registering for classes. If you do not complete the **Course Enrollment form**, then neither you nor the school will receive funding.
- If you change your major, you must complete a new Change of Program form (VA Form 22-1995) before the semester starts.

If you add, drop, or change a class after you have submitted your initial Course Enrollment Form, you must submit a new Course Enrollment Form immediately.

8 Apply for Kentucky Department of Veterans Affairs (KDVA) Waiver (If Applicable)

A waiver of tuition is an education benefit provided by the Commonwealth of Kentucky in recognition of military service of certain Kentucky veterans. The tuition waiver is provided for children, stepchildren, adopted children, spouses, and un-remarried widows and widowers. An approved tuition waiver means a student may attend any two-year, four-year or vocational technical schools that are operated and funded by the Kentucky Department of Education. More information regarding the KDVA Tuition Waiver can be found at https://veterans.ky.gov/Pages/HidPages/TuitionWaiver.aspx

Chapter 5
Student Engagement

Department of Student Success
Division of Student Engagement and Campus Life

Department of Student Success

Dr. Charles Holloway
Vice Provost for Student Success
412 Academic Service Building
Phone: (502) 597-6388
E-mail: charles.holloway@kysu.edu

The Department of Student Success delivers student-centered services to enhance the student's academic experience from entry to completion. Student Success includes: BREDS Office, Career and Professional Development Center, University College, Upward Bound, Student Support Services, and the Thorobred Learning Center.

NEW STUDENT ORIENTATION

Bred Prep New Student Orientation is a student's first major step in becoming acquainted with the campus community. During Bred Prep students will meet other students, handle Thorobred business, learn about class registration, register for classes with an advisor, and receive a class schedule. The day will finish out at the finish line, where students will receive information regarding Bred Week, and next steps for the Fall Semester.

Bred Week is a five-day program, designed to assist first year residential students in their transition from home to college. Program participants move to campus a week before classes begin and benefit from the opportunity to get acclimated to campus before the upperclassmen arrive and begin building a social support network. During Bred Week, students will experience our Thorobred Parent Parting Ceremony, Freshman Confirmation Assembly, and "*For Bred's Only*" Celebration. Educational sessions, special events, and evening social activities provide program participants with opportunities to learn tips of the trade from student leaders, meet new people, and identify resources to help them succeed in and out of theclassroom.

The University College Experience at KSU
As a unit within Enrollment Management and Student Engagement, University College has the singular mission to provide a series of programs, services, and curriculum to promote and support the academic success of the university's first year students. As each student begins their college journey, it is our hope that they will find that the transition to this new experience is a rewarding opportunity to learn and grow. By fostering productive academic habits for students through first year academic advising, academic support, and first year experience programs, University College will effectively and rapidly increase the likelihood for first-year students' academic success and retention. The College will strengthen students' academic foundations, so that they can confidently and successfully progress toward their declaration of academic majors, and toward degree completion.

Admission & First Year Experience

All incoming freshman students (and transfer students under 30hrs) would be admitted into University College. Based on the meta-major they selected during their application process, each student is placed into one of ten learning communities. Bred Week (Welcome Week for First Year Students) is the first time they will be introduced to these learning communities and provides the opportunity for intentional relationship building early on. Additionally, the core implementation of the learning communities would be within the KSU seminar courses for first-year students.

First Year Advising

During a student's first year at KSU, they will be assigned an academic advisor in the University College Center. The UC Advisor will provide personalized, one-on-one support in navigating the first year, and staying on track towards the students major of choice. Each student would meet their UC Advisor during Bred Week.

UC Advisors:

- Assist with the selection of majors and the fulfillment of the first-year curriculum requirements.
- Help students gain an understanding of the university Liberal Studies Core requirements.
- Assist with course selection and registration for the first three semesters until the student reaches 30 credit hours.
- Fall Freshman Year (registration takes place in the Summer)
- Spring Freshman Year (registration takes place in the Fall)
- Fall Sophomore Year (registration takes place in the Spring)
- Monitor academic progress.
- Assist with transition issues as needed, and provide referral to campus resources.

At the completion of 30 credit hours (sophomore status) and one academic year, students will be assigned to a faculty academic advisor in their major. If the student is still undecided, they will continue with their UC Advisor, who can help them consider options and make choices regarding a major.

Faculty Advisors:

- Assist with the understanding of major requirements.
- Help students relate the content of the major to the student's personal and professional goals.
- Assist in the preparation of long-range plans for the completion of degree requirements.
- Manages transfer equivalencies.
- Prepares and updates degree audits.

Students will still have access to their UC Advisor for additional support, but would complete their academic advising with their faculty advisor once assigned.

Academic Support

The Thorobred Learning Center (TLC) is designed to facilitate student success, retention, and graduation. The Center provides learning assistance to meet the academic demands of all students along all points of their academic careers. TLC provides face-to-face group and individual tutoring, writing support, math supplemental review sessions, embedded class peer support, success workshops, and individual academic coaching. The Thorobred Learning center can be reached at (502) 597-5599.

Year 2 +

Career and Professional Development Center

Kentucky State University's Career and Professional Development Center (CPDC) is here to assist students in making successful transitions from their academic pursuits to their first choice, post-graduation destinations based upon a clear understanding of the career development process, competitive credentials, access to a robust employer base, and mastery of contemporary strategies for identifying and securing career options that reflect their unique interests, skills, and aspirations.

The CPDC facilitates connections to educate, inspire confidence, and empower all students to launch professionally and personally fulfilling lives. The CPDC's mission is to help guide students with every aspect of career exploration and development.

The CPDC provides a variety of programs and services to empower students to take ownership of their continuous career development process. Career programs and activities allow students to actively explore interests and develop skills to effectively and efficiently achieve individual career goals. These career services are available to all enrolled students:

- Career assessment activities;
- Career and graduate and professional school fairs;
- Exploring career options;
- Graduate school admission preparation;
- Interview preparation;
- Networking with prospective employers;
- Resume writing workshops; and
- Search strategies for internships and jobs.

The Career and Professional Development Center is located in the Academic Service Building, Suite, 502-597-6700.

Student Support Services

Student Support Services (SSS) is a TRIO program that provides exceptional academic and personal support for several students who qualify and are focused and determined to graduate with their degree. Student Support Services provides an opportunity for success to those who are selected for participation and are willing to commit themselves to the mission of SSS and their personal educational goals. Students enrolling in this unique program will be exposed to educational, social, and cultural opportunities that will broaden their sense of awareness, and enhance their skills so they can compete globally. SSS is located in the Academic Service Building,

Division of Student Engagement and Campus Life

Dr. Pernella Deams
Vice President for Student Engagement and Campus Life
320 Carl M. Hill Student Center
Phone: (502) 597-6283
E-mail: pernella.deams@kysu.edu

The Division of Student Engagement and Campus Life delivers student-centered services and activities to enhance the co-curricular experience of the Kentucky State University student, and the person as a whole in society. Student Engagement and Campus Life strives to nurture the student in the development of the personal, social, civic, safety, and professional growth aspects of their lives. The Division's main office is located in Suite 320 of the Carl M. Hill Student Center and the phone number is 502-597-6400.

The offices of the Division of Student Engagement and Campus Life include: Dean of Students; Campus Life; Student Health Services; University Counseling Center; Accessibility and Disability Services; Residence Life; Student Residence Hall Facilities and Events; and Campus Safety and Police. Student Engagement and Campus Life also addresses matters concerning student conduct and discipline, provides case management services, and official university absence excuses.

Dean of Students

The Office of the Dean of Students is responsible for shaping policies, programs, and services that support Kentucky State University students' overall success and wellness; develops and implements programs and opportunities of leadership and mentorship for students. In addition, the office of the Dean of Students ensures full compliance with all requirements of accrediting organizations, ethical codes, state and federal laws, and the university. The Dean of Students serves as the student conduct officer/judicial officer; assesses and oversees student concerns, community standards, and student conduct violations in a confidential, consistent, and timely manner in compliance with University policies within the student handbook/K-Book. The office is located in suite 330 of the Carl M. Hill Student Center and the phone number is 502-597-6827.

Campus Life

The Office of Campus Life seeks to provide a student-centered environment, supporting the academic programs of study at Kentucky State University. The design and implementation of innovative programming aims to foster increased retention, develop healthy interpersonal relationships, provide outreach to the community, and offer opportunities to develop strong leadership skills through the following key areas: Student Government Association, Class-level Leadership, Fraternity & Sorority Life, Special Events & Activities, School Spirit, Student Policy, Activism & Service, University Ambassadorship, Spirituality, Recreation, and Homecoming. The Office of Campus Life recognizes that collaborative efforts across the institution, holistically supports and enhances the co-curricular student experience.

The leadership opportunities provided to students, places and emphasis on service, leadership, scholarship, unity, diversity, and school spirit infused in every experience. A student engaged through the Office of Campus Life associates themselves with values based, purpose-driven organizations that emphasize the teaching of transferrable skills in preparation to become global citizens of society. The office is located in suite 320 in the Carl M. Hill Student Center the phone number is 502-597-6785.

Student Government Association

The Student Government Association (SGA) of Kentucky State University, serves as the student governing body, providing the students a voice in the affairs of the campus community. The executive officers and class officers manage many student-only projects, and one member serves as a voting member of the University's Board of Regents. The SGA plays a part in developing programs that enhance 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-Letter fraternities and sororities, honor societies, academic clubs, literary groups, art/music clubs, and special interest organizations (LGBTQ, Nursing, International students, Chess, etc.).
Students with interests that are not represented may submit a petition to inaugurate a new student organization.

Student Health Services

Kentucky State's Office of Student Health Services helps ensure the physical health of University students. It is staffed by an advanced practice nurse practitioner, registered nurse, and licensed practical nurse. The Student Health Services office is located in Shauntee Hall, and can be contacted at 502-597-6271. Its program is broad in scope, encompassing preventive medicine, health education, physical and mental health care, wellness programs, and appropriate referrals. 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 screenings ; for high blood pressure, blood sugar, chlamydia and gonorrhea, HIV, urine pregnancy test, UTI's, rapid strep test and mononucleosis ;
- Health education workshops and seminars to promote healthy life-style
- Preventive and corrective health care (on an out-patient basis); an annual health fair.

University Counseling Center/Mental Health Services

The University Counseling Center provides quality counseling services to support students with their needs relating to mental and emotional health and wellness. All Kentucky State University students are eligible for free counseling services. We can assist in many ways, including:

- Personal counseling
- Collaborative crisis intervention
- Support group facilitation
- Psycho-educational training
- Educational seminars on mental health and wellness
- Substance abuse counseling

All records and counseling sessions are strictly confidential. Information from records is not released for any reason without specific written consent or if there is danger to self or others.

Accessibility and Disability Services

The Office of Accessibility and Disability Services provides equal access and opportunities throughout the campus to individuals who have a documented and registered disability. This unit advocates for reasonable accommodations, removal of barriers, and acceptance of different learning methods. In partnership with students, faculty, and staff, our purpose is to achieve an accessible educational environment where students with disabilities have an equal opportunity to fully participate in all aspects of the university community. Additionally, we promote greater disability awareness campus-wide. The University also provides reasonable accommodations to students and campus visitors with disabilities through the Office of Accessibility and Disability Services in Hathaway Hall room 107. This office can be reached by phone at 502-597-6041 for information on eligibility, required documentation, and available services.

Residence Life

The University provides residential housing for full-time students who want to live on campus. 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. Most full-time undergraduate students live in the University's residence halls. 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-serve basis based on certain criteria. All the residences are professionally staffed by full-time Resident Directors and supported by students who serve as Resident Assistants. Meals are provided at the Underwood Cafeteria in the Student Center.

The Office of Residence Life 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 of all residence halls is a priority. All exterior doors in the residence halls are locked 24 hours-a-day, 7 days-a- week. Upon entering any residence hall on campus, all students and staff must have proper photo identification.

Applications for room assignments can be submitted year-round; however, applications are processed only after students have been officially admitted to the University. Requests for room reservations should be addressed to the **Office of Residence Life**, 317 Academic Services Building, 502-597-5951. Each student who wants to live in University housing will be required to sign a Kentucky State University Two Semester Residence Hall Contract and pay a Housing Reservation Fee. All fees must be paid in the form of cash, certified check, cashier's check, money order, personal check, or major credit card. Housing reservation fees are non-refundable.

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 with the discretion of the Office of Residence Life. Each student will be required to sign a University Two Semester Residence Hall Contract, which sets forth the conditions for student housing. Semester room charges must be paid per two semesters during the regular academic year. Summer session room fees are due at the beginning of the summer term. All fees and expenses are payable in accordance with the fee payment deadlines found in the Academic Calendar.

Room and Board Refunds

Any room and board refund eligibility is determined by the agreement set forth in the housing contract. The schedule and amount of eligible room and board refunds is governed by the University Tuition and Fee Refund

Policy (found on the Bursar's website, www.kysu.edu/administration-governance/finance-business/bursar) for each semester.

University Property Damage

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.

Property Insurance Requirement

The University requires each resident to pay annually for a Theft, Fire, Natural Disaster and Accidental Damage insurance policy. Kentucky State University shall not be responsible for any resident student's loss of property, theft of property, or damage of property. Students will be responsible for filing the appropriate claims through the insurance policy provider.

Campus Safety and Police

The Kentucky State University Police Department ensures the safety and security of all campus visitors. The police officers of the Kentucky State University Police Department are fully trained and sworn peace officers and are required to be certified through the Kentucky Department of Criminal Justice Training in accordance with KRS 15.380(1)(d). Through KRS 164.955, Kentucky State University police officers have general police powers including the power of arrest. This unit is also fully staffed with a police chief, security officers, and dispatchers. We are a full service agency and operate 24 hours a day, 7 days a week, 365 days a year, located in Exum. Dispatch can be contacted at 502-597-6878; to report anonymous information text 502-545-7370. Services from this unit includes:

- Overseeing safety and security of the KSU campus community
- General patrol by both vehicle and on foot
- Response to criminal and vehicle collision reports
- Medical calls and fire alarms
- Maintenance of emergency notification systems
- Providing safety tips and information on campus safety
- Vehicle registration
- Crime statistic records and logs

Chapter 6
Support Services

Kentucky State University provides a variety of support services to assist students as they move toward matriculation in their degree program.

Blazer Library

Ms. Sheila Stuckey, Director
Phone: (502) 597-6852
Service Desk: (502) 597-6851
Email: sheila.stuckey@kysu.edu

Website Link: https://kysu.edu/academics/library/

Learning to organize and carry out independent research is an integral part of a university liberal studies education. 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 such materials as books, journals, eBooks, DVD's, and other resources to aid students in their course work and research. As a member of the Kentucky Virtual Library (http://www.kyvl.org), Blazer Library has access to more than sixty databases including: Academic Search Complete, AGRICOLA, Business Source Premier, CINAHL Full text, Education Full text, Health Source: Nursing Academic Edition, Newspaper Source, MLA and PsycINFO to name a few. Other electronic resources such as our JSTOR Collections are available online for research and information. Blazer Library uses OCLC Worldshare Management Services as its library management system. KSU users have access to the Library's full-text resources as well as access to billions of electronic, digital and physical resources from other institutions worldwide, 24 hours a day via the OCLC WorldCat Discovery system.

The Library provides a variety of services including wireless access, laptop checkout, group study rooms, and computer labs. From the Library's homepage, users can access web resources, electronic databases, catalogs from other libraries, as well as order materials via interlibrary loan. Blazer Library is a member of the State Assisted Academic Library Council of Kentucky (SAALCK) and the Federation of Kentucky Academic Libraries (FoKAL); and has reciprocal borrowing agreements with member libraries, providing access to the collections of other academic libraries across the Commonwealth. Interlibrary Loan (ILL) is a service provided by Blazer Library to the faculty, staff, and students engaged in research at Kentucky State University. Conditions of this service are set by the Interlibrary 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 interlibrary loan fee. When submitting an ILL request, patrons should state the maximum charges they are willing to accept. Printed interlibrary loan request forms are located at the Circulation Desk. An electronic form may be found on the library's homepage, and it is also embedded in the search interface of the WorldCat Discovery system.

Blazer Library is a selective depository for United States Government Document Publications. The library has a variety of materials including paper and electronic governmental resources to support the University curriculum, research and special interests. Many publications are available electronically, check for links on the library's homepage.

The Education Curriculum Lab, located on the ground floor, supports the mission of Paul G. Blazer Library and the Teacher Education Program at Kentucky State University. The Center houses a collection of both print and non-print materials for use by students and faculty. The Lab's collection provides diverse resources for use in P-12 classrooms as well as professional resources for P-12 educators. The Lab is designed to assist and support college level students and Faculty in their teacher education needs.

The second floor of the library houses both a part of the circulating collection and the Special Collections including the University Archives, which contain historical records and documents related to University history. Professional librarians and support personnel are available to assist students in using the library's resources and facilities. Special library tours or individualized library instruction may be scheduled by contacting the Reference Desk. /. For assistance please visit us at Blazer Library or chat with us virtually at Ask Us on the Library's webpage at: kysu.edu/academics/library/ask-a-librarian.php

Disability Resource Center

The Disability Resource Center (DRC) facilitates equal access to the campus, programs, activities, and services for students with disabilities in accordance with federal and state regulations and University policies. For further information, visit http://kysu.edu/academics/office-of-educational-support/disability-resource-center/disability-resources/. The office is located in Hathaway Hall Room 107. The phone number is 502-597-6041.

Intercollegiate Athletics

Mr. Ramon Johnson
Interim Athletic Director
Location: Exum Center
Phone: (502) 597-5972
Email: terrance.slater@kysu.edu

Ms. Jacqueline Duvall
Senior Women's Administrator - Athletics
Location: Exum Center
Phone: (502) 597-6553
Email: Jacqueline.duvall@kysu.edu

Website Link: https://ksuthorobreds.com/

The Kentucky State University is a member of the Southern Intercollegiate Athletic Conference (SIAC) and sponsors teams in a variety of intercollegiate sports. Competing at the NCAA Division II level, the KSU Thorobreds pride themselves on excellence on the fields of play and in the classroom. Our teams are led by coaches who are dedicated to the development of the whole student-athlete and to providing a well-rounded educational, athletic and social experience for the young men and women who chose to take up the challenge of representing the mighty Thorobred heritage.

Throughout its history, Kentucky State has had a proud tradition of athletic excellence. From a national championship football team in the 1930s, the three-time NAIA National Championship basketball team of the late '60s and early '70s, and the NAIA National Championship women's basketball team of 1981to the more recent PGA Minority College Championship-winning golf team in 1998 and 2000 and a national championship-qualifying women's basketball team

in 2015. This includes three straight years (2015-17) women's volleyball advanced to the NCAA tournament via winning the SIAC tournament. Multiple SIAC championships have been garnered by the softball and volleyball teams and the men's basketball, women's basketball, and golf teams have each earned a conference title.

Men's varsity sports include baseball, basketball, cross-country, indoor and outdoor track and field, football, and golf. Women's varsity sports include basketball, cross-country, indoor/outdoor track and field, softball, and volleyball. The KSU athletic facilities include Alumni Stadium, a 7500-seat stadium; the William Exum Center, a facility that seats 2,750 people; Bell Gymnasium; and a combination of campus and municipal facilities for practices and competitions. The athletics administration is housed in the Exum Center along with the Men's and Women's Basketball coaches. The women's volleyball and men's golf coaches are housed in Bell Gymnasium, while all other sports are housed in Alumni Stadium.

Campus Safety and Police

Barbara Hayes
Interim Chief of Police
Phone: (502) 597-6852
Dispatch: (502) 597-6878
Text-A-Tip: (502) 545-7370
Email: barbara.hayes@kysu.edu

Website Link: https://kysu.edu/administration-governance/president/safety-security/

The Kentucky State University Police Department ensures the safety and security of all campus visitors. The police officers of the Kentucky State University Police Department are fully trained and sworn peace officers and are required to be certified through the Kentucky Department of Criminal Justice Training in accordance with KRS 15.380(1)(d). Through KRS 164.955, Kentucky State University police officers have general police powers including the power of arrest.

We are a full-service agency and operate 24 hours a day, 7 days a week, 365 days a year.

Services

- Overseeing safety and security of the KSU campus community
- General patrol by both vehicle and on foot
- Response to criminal and vehicle collision reports
- Medical calls and fire alarms
- Maintenance of emergency notification systems
- Providing safety tips and information on campus safety
- Vehicle registration
- Crime statistic records and logs

We Value Community-based Policing

Kentucky State University's Campus Police department believes in the importance of strong values in policing. We value human life, and the courage to do what is right. Being approachable, fair and compassionate are key to our success. Our professionalism means we strive to continuously improve and engage with the multifaceted community around us.

Chapter 7
REGISTRATION and ACADEMIC RECORDS

Office of the Registrar
Ms. Yolanda Benson, Registrar
Academic Services Building, Suite 323
Phone: (502) 597-6234
Email: registrar@kysu.edu

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The Office of the Registrar is responsible for creating, maintaining, certifying, and protecting the University records of courses, degrees, and students. Key specific student-service responsibilities include: course scheduling and registration; enrollment and veteran certification; degree audits; diploma services; and transcript services. The Registrar's Office is located in the Academic Services Building, Room 323. The phone number is 502-597-6234.

Policy Changes
Students are expected to become familiar with University regulations, as they apply to all students enrolled in undergraduate courses at Kentucky State University. KSU reserves the right to modify regulations and/or to make any policy changes or adjustments in this catalog which are deemed necessary. Such regulations shall govern both old and new students and are effective when adopted.

Classification
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

Academic Load

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. The normal semester load for undergraduate students is between 16-18 semester credit hours.

In order for an undergraduate student to pursue 19 or more credit hours per semester, a) the student must have the written approval of his/her advisor and the academic unit head; or b) the student's cumulative grade-point average must be 3.2 or better. 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. An undergraduate student may pursue a maximum of 10 semester credit hours during the summer session.

Semester Credit Hour

For traditional courses, a semester credit hour represents one clock hour of instruction (or two clock hours of laboratory) per week and two hours of student work per week for a minimum of fifteen weeks (or equivalent). For online classes, each semester credit hour would represent a minimum of three hours of instruction and/or student work per week for a minimum of 15 weeks (or the equivalent) to meet learning outcomes appropriate to the level of the course. Some courses in art, music, physical education, and other areas are calculated according to the accreditation standards in the particular area.

COURSE NUMBERING SYSTEM **The following system is to be used to ensure consistency in the numbering of courses.**
100–199 Freshman Students Taken by any student who satisfies the prerequisites or obtains the consent of the instructor; Does not carry graduate credit.
200-299 Sophomore Students Taken by any student who satisfies the prerequisites or obtains the consent of the instructor; Does not carry graduate credit.
300–399 Junior Students Taken by any student who satisfies the prerequisites or obtains the consent of the instructor; Does not carry graduate credit.
400–499 Senior Students Taken by any student who satisfies the prerequisites or obtains the consent of the instructor; Does not carry graduate credit.

Catalog of Record

A degree-seeking student must meet the liberal studies requirements as published in the catalog 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. A degree seeking student can request to change his/her Catalog of Record for the liberal studies to a subsequent edition of the catalog. A written request to change the catalog of record for the liberal studies requirements must be submitted to the student's advisor for approval and then be forwarded to the

Office of the Registrar.

A degree-seeking student can request to change his/her Catalog 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 catalog 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 Catalog of Record, but required courses are no longer offered, he/she may substitute other courses with the approval of the chair of the department.

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.)

A student who changes his/her major must meet the major requirements as published in the most recent catalog. The Major Change Form must be obtained from the Office of the Registrar and must be returned with all necessary approval signatures. A student who changes from non-degree status to degree-seeking status must meet the requirements as published in the catalog in effect at the time the student becomes degree-seeking.

A student pursuing a curriculum leading to certification or licensure must meet the curriculum requirements in effect at the time he/she graduates.

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 120 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.

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. 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 75 hours for two associate degrees and a minimum of 150 hours for two baccalaureate degrees.

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.

Registration

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, first year students may be limited in the courses for which they can register. The Office of the Registrar sets the time of registration for all students and informs them of the times they are to register. Students are expected to register at the appointed time. Students may not register for credit after the deadline set for completion of late registration. A late registration fee is assessed to students who do not register at the appointed time. Late registration for semesters will end one calendar week after the last day of registration or its equivalent for summer session (see the Academic Calendar at www.kysu.edu/administration-governance/academic-affairs/registrar/).

Any student properly registered for a course will receive credit for that course.

A student must repeat any course in which he/she received an inadequate grade (as described in the Repeat Option section below) 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.

Changes in Registration

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

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. 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. 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. See the section on Withdrawal for regulations on withdrawing from a course.

Class Scheduling Policy

Kentucky State University follows a comprehensive plan that governs the offering of courses on a long-term basis. The University's eight-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.

Grading System

The course instructor will report a final grade at the course conclusion for each student officially registered for the course. In the event an instructor becomes incapacitated or otherwise is unable to issue course grades, the academic unit administrator will be responsible for reporting final course grades. Only final grades specified below may be issued. 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. 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 University policies.

The following system of symbols will be used in grading students:

A	Excellent	Four quality points per semester credit hour
B	Good	Three quality points per semester credit hour
C	Satisfactory	Two quality points per semester credit hour
D	Poor	One quality point per semester credit hour
F	Failure	Zero quality points, zero credit
P	Pass/Proficient	Not included in grade-point average
AU	Audit	Not included in grade-point average
I	Incomplete	Not included in grade-point average
W	Withdrawal	Reported for students who withdraw prior to the end of the tenth full week of classes of a semester or before two-thirds of the instructional days of the summer session; not included in grade point average

Pass-Fail (P/F) - 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 under Credit by Examination/Certification and Credit for Life Experience. 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 existing academic policies and regulations.

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. This does not apply to cooperative education courses.

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 grade point average.

Incomplete - 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. 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 during the next regular academic semester; otherwise, the I will be changed to the grade the student would have received by calculating the uncompleted minor requirement as a zero.

To initiate consideration for an I grade, the student must file a Request for Incomplete Grade Form with his or her instructor prior to the end of the course. An instructor may complete the Request for Incomplete Grade Form on the

student's behalf if the student is prevented from filing the request due to medical emergency or other similarly unusual circumstances.

When a grade of I is assigned, the instructor shall complete the Request for Incomplete Grade Form received from the student. On that form, the instructor shall provide a detailed description of the work to be completed by the student. The instructor will also provide the grade that the student will receive should the work not be completed by the deadline above. The instructor shall provide a copy of the completed form to the student and to the chair/dean. The chair/dean will retain a copy of this document in the unit file. The completed Request for Incomplete Grade Form will accompany the Grade Change Form upon completion of the minor requirement that necessitated the I grade.
In the event that the instructor who assigned the I grade is no longer with the University, the chair of the academic area where the I grade was assigned, or his or her designee, will work with the student to complete the minor requirement that necessitated the I grade.

Administrative Withdrawal Policy

In a traditional face-to-face course or a hybrid course, if a student misses a week of classes, or if a student, due to missing assignments, is in jeopardy of failing a course, the instructor may start the administrative withdrawal policy procedure. In a virtual course, a student who fails regularly to submit assignments (i.e., misses two or more) can similarly be administratively withdrawn. Before the instructor notifies the Registrar that a student should be administratively withdrawn, he or she will contact the Office of Educational Support with a description of the student's performance in the course. The Office of Educational Support will then attempt to contact the student and help to develop, with input from the student and faculty member, a plan for success going forward. If, after a week from the time of the instructor's initial contact of the Office of Educational Support, the Office is not successful in contacting the student, then the administrative withdrawal process will move forward. The period for administrative withdrawal will be Week Three through Week Eight. An administrative withdrawal will be marked as AW on a student's transcript.
Withdrawal from a Course - 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 Class Attendance Policy. This policy does not apply to the summer session.

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. 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.
A student who fails to follow proper University withdrawal procedures will receive a grade of F in that course.
Students may appeal for retroactive withdrawal from a course under specified circumstances (see Appeal Procedures at the end of this chapter.)

Withdrawal from the University - A student who has selected courses but has decided not to complete registration (I.e., pay or arrange to pay tuition and fees) should notify the Office of the Registrar in writing prior to the end of late registration of his/her intention not to enroll.

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:

- Obtain the necessary form from the Office of the Registrar.
- Complete the form and obtain the necessary signatures.
- Return the completed form to the Office of the Registrar.

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).

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. 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.

Students may appeal for retroactive withdrawal from the University under specified circumstances (see Appeal Procedures later in this chapter.)

Quality Points

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.

Grade Point Average

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.

- If a course is repeated, only the highest grade will be used in the computation of the cumulative grade-point average.
- Unless specifically described in the course description as a repeatable course, credit may be earned only once for courses that are repeated.
- 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.

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.

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.

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.

English

Since students who have taken ENG 089 Basic Writing I and / or ENG 099 Basic Writing II prior to the implementation of the Accelerated Learning Program in 2015-2016 cannot now retake those courses and instead must go directly into ENG 101 English Composition I, ENG 101 should be considered the "repeat" course. That means that when a student completes ENG 101, the grade for this course--if higher--will be counted toward the GPA, not the ENG 089 and / or 099 grades. If the ENG 089 and/or ENG 099 grade(s) is/are higher than the ENG 101 grade, the higher ENG 089 and/or ENG 099 grade(s) and the ENG 101 grade should be counted toward the GPA. ENG 101 should always count toward the GPA whether it is higher ornot.

Example 1: A student has an A in 089, an F in 099, and a C in 101. The A in 089 and the C in 101 will be counted but the F in 099 will not be counted. In this case, 101 is the repeat course for 099.

Example 2: A student has an A in 089, an A in 099, and a C in 101. All three grades will be counted. In this case 101 is not considered as a repeat course for either 089 or 099.

Example 3: A student has a C in 099 and a B in 101. The B in 101 is counted in the GPA, not the C in 099. Math
The following guidelines should be used for Math:

- For students that have taken MAT 095, the "repeat" course should be / MAT 111 or MAT 171 / MAT 101.
- For students that have taken MAT 096, the "repeat" course should be / MAT 111 or MAT 171 / MAT 101.
- For students that have taken MAT 097, the "repeat" course should be MAT 115 or MAT 176 / MAT 115A.
- For students that have taken MAT 115, the "repeat" course should be MAT 115 or MAT 176 / MAT 115A.
- If the MAT 095, MAT 096, MAT 097 and/or MAT 115 grade(s) is/are higher than the corresponding "repeat" course grade(s), the higher MAT 095, MAT 096, MAT 097 and/or MAT 115 grade(s) and the corresponding "repeat" course grades(s) should be counted toward the GPA. The "repeat" course grade(s) should always count toward the GPA whether higher or not.

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.

Academic Standing

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;

Probation

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

Suspension

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).

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. An under- prepared (Pre-College Curriculum-deficient) student must also demonstrate proficiency in the area(s) of academic deficiency by the time he/she completes 45 semester credit hours at the University, or he/she is suspended from the University. A student must receive a grade of C or better in ENG 101 and 102, and a grade of D or better in the other Liberal Studies courses (the general education core) in three or fewer attempts or he/she is suspended from the University.

A student who has been re-admitted after suspension or dismissal and who fails to meet the conditions of his or her reinstatement shall be dismissed from the University.

Dismissal from the University

A student who has been suspended twice and whose current grade-point average falls below 2.0 is dismissed from the University and must remain out of the University for one year.

A student, who has been granted academic bankruptcy after a period of suspension and who subsequently becomes liable for suspension, will be dismissed from the University.

A student, who has been re-admitted after suspension or dismissal and who fails to meet the conditions of his/her reinstatement, shall be dismissed from the University.

Removal from Major, Minor, or Area of Specialization

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 department chair of his/her major or the Vice President of Academic Affairs and request a 4th attempt at a course.

Appeal Procedures and Deadlines

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.

A student may appeal to the Academic Appeals Committee only once following each notification of academic standing. 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). Requests for personal appearances must be submitted with the written appeal by the deadline (see Section D and the Appeals Form). Interviews with the Appeals Committee will not be granted after an appeal has been denied or if an appeal is late.

Deadlines for Appeal of Academic Standing - Appeals of suspension or dismissal from the University MUST be completed and submitted to the Academic Appeals Committee at the latest on the Monday prior to the first day of classes as published in the University Catalog for the term (summer session/semester) for which the student is suspended or dismissed.

Appeals of dismissal will not be allowed without exceptional cause which must be supported with valid documentation. Appeals of late withdrawal from courses or from the University MUST be completed and submitted to the Academic Appeals Committee no later than the Monday before the next regular academic semester begins.

Appeals of a course grade MUST meet the deadline described in Appealing a Course Grade.

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.

Frequency of Meetings for Appeals - The Academic Appeals Committee shall meet the Wednesday before classes begin and two (2) weeks after the last date to withdraw, as stated in the University's Academic Calendar, to consider appeals of academic suspension, withdrawal, or dismissal.

The Academic Appeals Committee shall meet on other occasions only at the discretion of the Appeals Committee, for example: 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 a student is at stake.

Appealing a Course Grade - To appeal a course grade, a student must follow the process described below:
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;

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; 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.

Appealing for Retroactive Withdrawal - 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 beyond

his/her control. The student must make this appeal no later than the Monday before the next regular academic semester begins. Appeals that do not clearly document the circumstance for missing the withdrawal date will not be granted.

Students receiving federal financial aid for the course or term in question may be required to repay the University for Said Course or courses. (Students should contact the Financial Aid Office, 502-597-5960 or finaidmail@kysu.edu) Exceptions to the above policies can be made at the discretion of the Academic Appeals Committee for exceptionally meritorious cases.

Appeal of Suspension - A student may appeal his/her academic suspension to the Academic Appeals Committee. Exception: appeal of a suspension after reinstatement is not allowed.

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. 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.

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 available. 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.

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. Exceptions to the above policies can be made at the discretion of the Academic Appeals Committee for exceptionally meritorious cases.

Appeal of Dismissal from the University - A student may appeal his/her dismissal from the University 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. 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.

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.

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 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. Note: Exceptions to the above policies can be made at the discretion of the Academic Appeals Committee for exceptionally meritorious cases.

Appeal of Removal from a Major, Minor, or Area of Specialization - A student may appeal his/her removal from a major, minor, or area of specialization according to procedures established by the academic unit.

A student may appeal removal from a major, minor, or area of specialization and request a fourth attempt in such a course 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.

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.

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:

- 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.
- 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 personal problems) should be cited.
- The student's entire academic record (all courses) for the stipulated period will have a notation of the bankruptcy action appearing on the transcript.
- 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.
- If a student is suspended after having been granted a petition for academic bankruptcy, he/she will be dismissed from the University.
- A student cannot declare academic bankruptcy more than once.

Credit Earning Alternatives

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, 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. The Credit for Life Experience Program is available for adult students. Credit (Not a letter grade) shall be entered on the student's record by the Office of the Registrar. Contact this office by calling 502- 5976234 or stop by the Academic Services Building, Room 323.

Academic Unit Challenge Exams

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 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 scheduled 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 for credit by examination are listed in the table below.

*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. Kentucky State University offers proctoring services for the Advanced Placement Exams. For exam fees and dates visit: http://apcentral.collegeboard.com/apc/public/exam/calendar/index or the Testing and Disability Services Office for local information in 202 Carl Hill Student Center, testing@kysu.edu,502-597-5076.

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 at www.clep.collegeboard.org. More information is available at the University's Office of Testing.

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:

CLEP Test Composition and Literature	Minimum Score	KSU Course Equivalent(s)	(Credits)
American Literature	50	Either ENG 324 or 325	(3)
Analyzing and Interpreting Literature	50	Either ENG 211 or 215	(3)
College Composition (with Essay)	50	ENG 101	(4)

English Literature	50	Either ENG 322 or 323	(3)
Humanities World Languages	50	PHI 200	(3)

French Languages (Level 1)	50	FRE 101, 102	(6)
German Languages (Level 1 and 2)	50	Elective	(6)
Spanish Languages (Level 1) History and Social Sciences	50	SPA 101, 102	(6)
American Government	50	POS 101	(3)
Human Growth and Development	50	EDU 221	(3)

CLEP credit courses continued….

CLEP Test	Minimum Score	KSU Course Equivalent(s)	(Credits)
Introductory Psychology	50	PSY 200	(3)
Introductory Sociology	50	SOC 203	(3)
Principles of Macroeconomics	50	ECO 202	(3)
Principles of Microeconomics	50	ECO 201	(3)
Social Sciences and History	50	Elective	(3)
History of the U.S. I: Colonies to1877	50	HIS 201	(3)
History of the U.S. II: 1865 to Present	50	HIS 202	(3)
Western Civilizations I: Ancient Near East-1648	50	HIS 101	(3)
Western Civilizations II: 1648 to the Present	50	HIS 102	(3)

Proficiency Examination Programs

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. Foreign language proficiency examinations are available to those who seek advanced placement in or exemption from the foreign language requirements. 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.

Any entering first year student who has taken a foreign language for three years in high school and passed with a grade of C or better may not enroll in a 101 or 102 level of the same foreign language without taking a Placement Exam to determine level of competency. Such students may choose, however, to take a 101 level of a foreign language other than those studied in high school. Students who have been out of high school at least five years are exempt from this requirement. Music: A music placement test is required of all entering music majors.

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. A student may be able to earn college credit for significant professional, artistic, and service accomplishments. Past or current experiences can help you earn your college degree.

The Credit for Life Experience Program is designed to give students an opportunity to accumulate credit towards a major field of study through the development of a 'portfolio of accomplishments' that meet specific course objectives. Students work with an advisor and a team of faculty with expertise who will evaluate the contents of the collection in relationship to how effectively they meet a course's expected outcomes. Based on that evaluation, students may be awarded credit for the particular University course(s). All credits earned through the Credit for Life Experience Program may be applied toward the satisfaction of degree requirements.

The Credit for Life Experience program is administered by the Office of Non-Traditional Student Education. Contact the program coordinator at 502-597-5614.

Armed Services Certification Credit

Armed services school courses taken by armed services 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, 502-597-6234, for assistance.

Transfer Coursework

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 College and Schools Commission on Colleges.

The Registrar, or his or her designee, will evaluate and approve all general education core transfer coursework from state assisted college and universities in the Commonwealth of Kentucky and regionally accredited post-secondary institutions that are not state-assisted institutions or institutions outside the Commonwealth of Kentucky based on Kentucky State University policies and the Kentucky Council on Postsecondary Education General Education Transfer Policy.

All major and minor courses not included in the Kentucky State University general education core requirements will be evaluated and approved by the academic units in which these courses would reside.

Kentucky State University accepts transfer credits with a grade of D or better. Exceptions to this are transfer equivalents for ENG 101 and ENG 102, which must have grades of C or better.

Credits that do not fulfill requirements will be accepted as free electives if grades of D or better were earned. If a grade of D is transferred and the student attempts to use this course to satisfy the requirements for a major or minor, or an area of specialization, the student will have to take the course at KSU and earn a grade of C or better.
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 Kentucky State University courses, with the respective departments reserving final approval.

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 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.

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 grade of C or better. Students visiting another institution must complete a Student Visiting Another Institution Form (available at the Office of the Registrar or online at www.kysu.edu/administrationgovernance/academic- affairs/registrar/visiting-students/) and have the appropriate approval signatures in advance of taking the class in order to transfer work back to KSU. The Office of the Registrar will certify that the student is in good academic standing and forward this information to the school the student will visit. The other institution must be fully accredited and the coursework must meet the University specifications for credit acceptance. The student will be responsible for having an official transcript for the work done at the other school sent to the Office of the Registrar at KSU.

Requirements for Graduation Academic
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.

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. Students must take the Rising Junior Assessment.

A student must receive a grade of C or better in ENG 101 and 102, and a D or better in all other Liberal Studies Requirements (the general studies core and IGS) and free electives. (Individual academic programs may require a C or better in certain Liberal Studies required courses.)

A student must receive a grade of C or above in all courses required for the major, the area of specialization, and the minor. A student must have a cumulative grade-point average of 2.0 or better in all University courses.

A minimum of 60 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.
A minimum of 120 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 42 semester credit hours in upper-level courses.

Residency
A minimum of 25% of all required semester hours for degree completion must be earned at Kentucky State University. At least one-half of a student's major field academic requirements must be earned at Kentucky State University.
In order to receive an associate or a baccalaureate degree from Kentucky State University, a student must complete at least 30 of the last 36 semester credit hours, or 12 of the last 15 semester credit hours, respectively, at the University. Courses taken under the Study Abroad program, National Exchange Student program, or as online courses (and for which students pay their tuition to Kentucky State University) are considered as courses taken at the University for the purposes of the residency requirement. Any credit hours taken outside of the University must be taken from another regionally accredited post-secondary institution in accordance with University transfer policy.

Graduation Honors
Graduation honors are awarded only to baccalaureate degree students who have earned at least 60 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 or have maintained a GPA of 3.5 or higher but have received a D or F in any attempt of a course are awarded the baccalaureate degree cum laude.

The baccalaureate degree or the associate degree with departmental honors will be conferred upon the student who, in addition to having completed the requirements for the degree, shall have maintained a cumulative GPA of at least 3.0 and a GPA 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.

CORD Program
The program will recognize graduating seniors who accumulate a minimum of 200 service hours. Students will need to document the impact of their service. The application will typically require, but is not limited to, the submission of a digital service portfolio. The Office of Regional Stewardship will oversee and offer specific guidelines and procedures for the program. The students will receive a service honor cord to wear on their graduation robes and a Community Service Certificate of Achievement.

Preparing for Service at Kentucky State University
All students must register with the Office of Regional Stewardship (ORS) to begin their first service engagement. The ORS will conduct registration drives in UNV (University orientation) courses, and the office is also open to students year-round. All service hours must be completed with an approved agency on the ORS's Partner Agency List. Students can request agencies in their hometown be added to the list. Working with an agency who has not subscribed through the office could result in earned service hours not being accepted by the university. Hours can be tracked through existing advising software.

Service Requirements for CORD Program

Students must complete a total of 200 service hours between their freshman and senior years. 50 of these hours can be civic engagement hours, but the other 150 hours must be served with approved community agencies. Students can earn additional cords if they complete additional community service hours (please see below). Each service cord will be a different color and have significance that will be posted in the program at graduation.

Community Service Hours	Civic Engagement/Campus-Related Events Hours	Total Number of Hours	Number of Cords
150	50	200	1
200	100	300	2
250	150	400	3

Civic Engagement/Campus-Related Events

The Office of Regional Stewardship considers attendance at events like convocations, student recitals, and various cultural events as civic engagement that ultimately serves the KSU community. Students can complete 50 hours of civic engagement/campus-related events as long as they are pre-approved by OSR. The Office of Regional Stewardship will frequently update a calendar of campus community and service events that count toward civic engagement/campus-related events.

Military Service

Students who are veterans, current members of the Reserve or National Guard or who are called to active duty, can earn up to half of their community service hours towards the service requirement and up to 100 hours toward the CORD Program (described below) requirements.

Student Veterans - Enrolled KSU students who are veterans and have completed military active duty with an honorable discharge can also earn up to 100 hours of service credit towards the community service requirement. To qualify for this credit, the student must present their military form DD-214 showing the discharge status to the Office of Regional Stewardship

National Guard and Military Reserve - Enrolled KSU students who are current members of the Military Reserve or National Guard can also earn up to 100 hours of service credit. The qualification for this credit is based upon completion of basic training, job training, and a minimum of one year cycle (one weekend per month and two-weeks per year assignments), and the student must present their enlistment contract and military form DD-214 to the Office of Regional Stewardship.

Active Duty - Enrolled KSU students who are called to active duty must present a copy of their military orders to the Office of Regional Stewardship and the University Registrar. These students can also earn up to 100 hours of service credit.

Greek Organizations

Students who are members of Greek-letter organizations may count 20 hours of community service completed with their organizations towards their personal service hours as long as it is approved through the Office of Regional Stewardship.

Transfer Students

A maximum of 100 service hours can be transferred in from previous institutions, as approved by ORS.

Impact and Assessment

At the conclusion of each community service project, supervisors will complete an evaluation form. Students must receive a satisfactory rating for hours to be accepted. Students will also write a reflective essay about their experience and their service to the community. Essays must demonstrate that students understand social issues as well as their leadership and work in eradication of those issues.

Transcript Requests

Kentucky State University has authorized The National Student Clearinghouse to provide on-line transcript ordering services. Students can order transcripts using major credit and debit cards. The credit or debit card will only be charged after your order has been completed. Transcripts cannot be released if a financial hold has been placed on your account. This hold must be resolved before a transcript request will be processed.

In order to purchase official transcript(s), please complete the following steps:

- Log into The National Student Clearinghouse's secure site;
- The site will explain how to place an order, including delivery options and fees. Students may order as many transcripts as you like in a single session. Base cost is $10.00 per transcript with a $3.00 per transaction processing fee.
- Transcripts will be processed by the Office of the Registrar 3–5 days after the order is received from the Clearinghouse. Order updates will be emailed to the student. Students may also check the order status and history online.
- A transcript mailed through the United States Postal Service may take up to 10 business days to reach its destination.

Student Records

Kentucky State University, consistent with the regulations of the Family Education Rights and Privacy Act (FERPA), insures students the right to inspect and review their educational records within 45 days from the time of the request. University officials will release educational information upon receipt of a signed and dated written consent of the student, which must specify the records that may be disclosed and identify the party to whom the disclosure may be made.

In addition, the law prohibits the release of personally identifiable information without the student's permission, with the following exceptions:

- Kentucky State University school officials who have a legitimate educational interest. Kentucky State University considers a school official to have a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Kentucky State University considers school officials those members of the institution who act in the student's educational interest within the limitations of their need to know. These may include faculty, administration, clerical, and professional employees and other persons who manage student education record information including student employees or agents. It may also include contractors, third party contracted vendors, volunteers, and others performing functions.
- Federal, state, and local authorities involving audit or evaluation of compliance with educational programs.
- Parents of a dependent student, as defined by the Internal Revenue Code of 1986, Section 152, who supply supporting documentation, may be granted access to a student's educational record under some circumstances.

- In connection with a health or safety emergency.
- To comply with a lawfully issued judicial order or subpoena.
- In connection with Financial Aid, including Veteran's benefits.
- To officials of another school, school system, or institution of postsecondary education where the student seeks admission or is enrolled.
- Alleged victims of any crime of violence, as described in Section 16 of Title 18, United States Code. Organizations, persons, or companies with whom the University has contracted.
- Organizations who are conducting studies on behalf of educational agencies.
- Individuals serving on the Kentucky State University Board of Regents.
- When an individual with an education record is deceased.
- Designated officials as defined by the Patriot Act of 2001.

The following item are not considered to be part of a student's educational record, and therefore are not eligible for review:

- Sole possession records or private notes held by school officials.
- Law enforcement or campus police security records that are solely for law enforcement purposes and maintained solely by the law enforcement unit.
- Confidential letters and recommendations placed in students' files prior to January 1, 1975, provided these letters were collected under established policies of confidentiality and were used only for the purposes for which specifically collected.
- Confidential letters and statements of recommendation, placed in students' records after January 1, 1975, to which the student has waived his/her right to inspect and that are related to the students' admission, application for employment or job placement, or receipt of honors.
- Education records containing information about more than one student; however, in such cases, the institution must permit access to that part of the record which pertains only to the inquiring student.
- Records relating to treatment provided by a physician, psychiatrist, psychologist, or other recognized professionals or paraprofessionals and disclosed only to individuals providing treatment.

School Officials' Responsibility Regarding Privacy of Students' Records

A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position; a person or company with whom the University has contracted; a student serving on an official committee, such as disciplinary committee; or a person assisting another school official in performing his or her tasks. It is the responsibility of each school official to understand their legal responsibilities under FERPA. These include maintaining the privacy of students' grades for any course or for any activity which is part of the course. This policy is violated if a student's grade is (1) openly mentioned in class; (2) publicly posted in a personally identifiable manner such as social security number or student identification number; (3) subjected to a public viewing of assignments, tests, or projects; or (4) grades are released over the telephone or electronically to any person other than the student or their designee without written consent.

Disclosure of a student's grades by a faculty member may be made only in a manner that makes the grades identifiable only to the faculty member and the student. Questions concerning the policies and procedures about the University's Policy on Student Records or about the Family Educational Rights and Privacy Act of 1974, should be directed to:
Kentucky State University
Registrar, Office of the Registrar
Academic Services Building, Rm 323,
400 East Main Street
Frankfort, Kentucky 40601

Individuals have the right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue SW, Washington, DC 20202 – 8520.

Process for Amending Education Records

FERPA affords individuals the opportunity to challenge or amend their education record if inaccurate, misleading, or in violation of privacy or other rights of the student. The student may submit a written request to the Registrar's Office that the record be amended. The Registrar's Office is located in the Julian M. Carroll Academic Services Building, Room 323. Within 60 days of receipt of the written request, the University will inform the student as to whether the record will be amended. The request should include justification for the challenge.

If the decision is negative, the student may submit a written request for a hearing in order to challenge the content of the record. The Admission and Recruitment Committee will inform the student of the date, place, and time of the hearing. Challenges and requests for a hearing must be in writing and should be directed to the Office of the Registrar.

Directory Information

Kentucky State University has designated the following student information as directory information and, as such, this information may be released: student's name, addresses, telephone numbers, campus e-mail address, major and minor fields of study, dates of attendance, classification, degrees and awards received, previous educational institutions attended, student organization participation, participation in University-recognized organizations and activities, height and weight of athletic team members, pictures, and dean's and president's lists.

Chapter 8
ACADEMIC DEGREES and GENERAL EDUCATION REQUIREMENTS

Academic Degrees

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. Every baccalaureate degree program at the University is designed to provide students with a sound liberal studies education and the more specialized skills derived from disciplined study of individual subject matter. Together, the University's Liberal Studies Requirements and specific academic degree requirements provide students with an exceptional comprehensive education so they may excel in their chosen endeavors.

Degree Definitions

The following definitions are to be considered University norms for evaluation and approval of doctoral, 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 liberal arts in fulfillment of Kentucky State University's 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.

Graduate Degrees – See the separate Graduate Catalog for details

GRADUATE DEGREE PROGRAMS – SEE SEPARATE GRADUATE CATALOG			
Nursing Practice – DNP	DNP	College of Agriculture, Community and the Sciences	School of Nursing
Aquaculture and Aquatic Sciences	M.S.	College of Agriculture, Community and the Sciences	School of Aquaculture and Aquatic Sciences
Business Administration	MBA	College of the Humanities, Business and Society	School of Business
Computer Science	M.S.	College of Agriculture, Community and the Sciences	School of Mathematics and Computer Science
Environmental Studies	M.S.	College of Agriculture, Community and the Sciences	School of Agriculture, Communities, and Environment
Gerontology	M.A.	College of the Humanities, Business and Society	School of Social Work
Interdisciplinary Behavioral Science	M.A.	College of the Humanities, Business and Society	School of Behavioral and Social Sciences
Public Administration	MPA	College of the Humanities, Business and Society	School of Public Administration
Special Education with Learning and Behavior Disorders	M.A.	College of Agriculture, Community and the Sciences	School of Education and Human Development

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 120, 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 (General Education), Requirements of the University (unless specific courses have been officially substituted or waived) and a major. Minors, tracks, 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. A minimum of 42 semester credit hours in upper-level courses is required for graduation.

BACCALAUREATE DEGREE PROGRAMS			
Agriculture, Food, and the Environment	B.S.	College of Agriculture, Community and the Sciences	School of Agriculture, Communities, and the Environment
Biology	B.S.	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering, and Mathematics
Business Administration	B.A.	College of Business and Computational Sciences	School of Business
Chemistry	B.S.	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering, and Mathematics
Child Development and Family Relations (non-teaching)	B.A.	College of Agriculture, Community and the Sciences	School of Education, Human Development, and Consumer Sciences
Mass Communication and Journalism	B.A.	College of Humanities, Business and Society	School of Humanities and Performing Arts
Computer Science	B.S.	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering, and Mathematics
Criminal Justice	B.A.	College of Humanities, Business and Society	School of Criminal Justice and Political Science
Elementary Education	B.A.	College of Agriculture, Community and the Sciences	School of Education, Human Development, and Consumer Sciences
English	B.A.	College of Humanities, Business and Society	School of Humanities and Performing Arts
Interdisciplinary Early Childhood Education (Birth to Primary certification)	B.A.	College of Agriculture, Community and the Sciences	School of Education, Human Development, and Consumer Sciences
Liberal Studies	B.A.	Whitney Young Honors Collegium	Whitney Young Honors Collegium
Mathematics	B.A./B.S.	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering, and Mathematics
Music	B.A.	College of Humanities, Business and Society	School of Humanities and Performing Arts
Music Education	B.M.E.	College of Humanities, Business and Society	School of Humanities and Performing Arts
Music Performance	B.M.	College of Humanities, Business and Society	School of Humanities and Performing Arts
Nursing RN-to-BSN Nursing BSN	B.S.N.	College of Agriculture, Community and the Sciences	School of Nursing
Physical Education	B.A./B.S.	College of Agriculture, Community and the Sciences	School of Education, Human Development, and Consumer Sciences
Political Science	B.A.	College of Humanities, Business and Society	School of Criminal Justice and Political Science
Psychology	B.S.	College of Humanities, Business and Society	School of Behavioral and Social Sciences

Social Sciences	B.A.	College of Humanities, Business and Society	School of Behavioral and Social Sciences
Social Work	B.S.W.	College of Humanities, Business and Society	School of Social Work

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 fulltime study. The minimum semester credit hour requirement shall be 60, 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.

ASSOCIATE DEGREE PROGRAMS			
Liberal Studies	A.A.	Whitney Young Honors Collegium	Whitney Young Honors Collegium
Nursing ADN	A.A.S.	College of Agriculture, Community, and the Sciences	School of Nursing

Certificate Programs

A certificate program includes a minimum of twelve credit hours, not to exceed a year's worth of course work.

CERTIFICATE PROGRAMS			
Agriculture Business Management	Certificate	College of Agriculture, Community and the Sciences	School of Agriculture, Communities, and the Environment
Animal Agriculture	Certificate	College of Agriculture, Community, and the Sciences	School of Agriculture, Communities, and the Environment
Aquaculture and Aquatic Sciences	Certificate	College of Agriculture, Community and the Sciences	School of Aquaculture and Aquatic Sciences
Elements of Fashion and Home Décor	Certificate	College of Agriculture, Community and the Sciences	School of Education, Human Development, and Consumer Sciences
Environmental Measurements	Certificate	College of Agriculture, Community and the Sciences	School of Agriculture, Communities, and the Environment
Family and Consumer Sciences	Certificate	College of Agriculture, Community and the Sciences	School of Education, Human Development, and Consumer Sciences
Fermentation and Distillation Sciences	Certificate	College of Agriculture, Community, and the Sciences	School of Agriculture, Communities, and the Environment
Food Safety	Certificate	College of Agriculture, Community and the Sciences	School of Agriculture, Communities, and the Environment
Geospatial Technology Application	Certificate	College of Agriculture, Community and the Sciences	School of Agriculture, Communities, and the Environment
Human Health and Nutrition	Certificate	College of Agriculture, Community and the Sciences	School of Agriculture, Communities, and the Environment
Sustainable Agricultural Systems	Certificate	College of Agriculture, Community and the Sciences	School of Agriculture, Communities, and the Environment
Computer Technician	Certificate	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering, and Mathematics
Cybersecurity	Certificate	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering, and Mathematics
Network Associate	Certificate	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering, and Mathematics
Network Professional	Certificate	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering, and Mathematics
Music Industry and Production	Certificate	College of Humanities, Business and Society	School of Humanities and Performing Arts

Music and Culture of African Diaspora	Certificate	College of Humanities, Business and Society	School of Humanities and Performing Arts
Journalism	Certificate	College of Humanities, Business and Society	School of Humanities and Performing Arts
Public Relations	Certificate	College of Humanities, Business and Society	School of Humanities and Performing Arts
Multimedia Journalism	Certificate	College of Humanities, Business and Society	School of Humanities and Performing Arts
Digital Communications	Certificate	College of Humanities, Business and Society	School of Humanities and Performing Arts
Cultural Diversity Studies	Certificate	College of Humanities, Business and Society	School of Behavioral and Social Sciences
Entrepreneurship	Certificate	College of Humanities, Business and Society	School of Business

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 major must constitute at least 25% of the hours required for a baccalaureate degree, which is at least 30 semester credit hours of a 120-hour degree program. At least 18 semester credit hours in the major must be upper-level courses. A student must declare a major either by the end of the sophomore year or the successful completion of 60 semester credit hours before he/she will be permitted to register for classes the semester immediately following.

The Minor

A minor consists of a planned sequence of courses in a discipline. 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.

MINORS			
Accounting	Minor	College of Humanities, Business and Society	School of Business
African American Studies	Minor	College of Humanities, Business and Society	School of Behavioral and Social Sciences
Agriculture, Food, and Environment	Minor	College of Agriculture, Community and the Sciences	School of Agriculture, Food, and Environment
Aquaculture	Minor	College of Agriculture, Community and the Sciences	School of Aquaculture and Aquatic Sciences
Athletic Coaching	Minor	College of Agriculture, Community and the Sciences	School of Education and Human Development
Athletic Training	Minor	College of Agriculture, Community and the Sciences	School of Education and Human Development
Biology	Minor	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering, and Math
Business	Minor	College of Humanities, Business and Society	School of Business
Chemistry	Minor	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering, and Math
Child Development and Family Relations	Minor	College of Agriculture, Community and the Sciences	School of Family and Consumer Science
Computer Gaming	Minor	College of Agriculture, Community and the Sciences	School of Mathematics and Computer Science
Computer Information Systems	Minor	College of Agriculture, Community and the Sciences	School of Mathematics and Computer Science
Computer Science	Minor	College of Agriculture, Community and the Sciences	School of Mathematics and Computer Science
Creative Writing	Minor	College of Humanities, Business and Society	School of Humanities and Performing Arts

MINORS			
Criminal Justice	Minor	College of Humanities, Business and Society	School of Criminal Justice and Political Science
Economics	Minor	College of Humanities, Business and Society	School of Business
English	Minor	College of Humanities, Business and Society	School of Humanities and Performing Arts
Finance*	Minor	College of Humanities, Business and Society	School of Business
French*	Minor	College of Humanities, Business and Society	School of Humanities and Performing Arts
Geospatial Technology	Minor	College of Agriculture, Community and the Sciences	School of Agriculture, Communities, and the Environment
Gerontology	Minor	College of Humanities, Business and Society	School of Social Work
History	Minor	College of Humanities, Business and Society	School of Behavioral and Social Sciences
Health Sciences	Minor	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering and Mathematics
Interdisciplinary Intelligence Studies	Minor	College of Humanities, Business and Society	School of Behavioral and Social Sciences
International Studies	Minor	College of Humanities, Business and Society	School of Behavioral and Social Sciences
Management	Minor	College of Humanities, Business and Society	School of Business
Marketing	Minor	College of Humanities, Business and Society	School of Business
Mass Communication & Journalism	Minor	College of Humanities, Business and Society	School of Humanities and Performing Arts
Mathematics	Minor	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering and Mathematics
Music	Minor	College of Humanities, Business and Society	School of Humanities and Performing Arts
Music Industry and Production*	Minor	College of Humanities, Business and Society	School of Humanities and Performing Arts
Philosophy *	Minor	College of Humanities, Business and Society	School of Humanities and Performing Arts
Physics	Minor	College of Agriculture, Community and the Sciences	School of Science, Technology, Engineering and Mathematics
Political Science	Minor	College of Humanities, Business and Society	School of Criminal Justice and Political Science
Psychology	Minor	College of Humanities, Business and Society	School of Behavioral and Social Sciences
Public Administration *	Minor	College of Humanities, Business and Society	School of Public Administration
Recreation	Minor	College of Agriculture, Community and the Sciences	School of Education, Human Development, and Consumer Sciences
Sociology	Minor	College of Humanities, Business and Society	School of Behavioral and Social Sciences
Spanish *	Minor	College of Humanities, Business and Society	School of Humanities and Performing Arts
Speech Communication	Minor	College of Humanities, Business and Society	School of Humanities and Performing Arts
Sports Management	Minor	College of Agriculture, Community and the Sciences	School of Education, Human Development, and Consumer Sciences
Studio Art *	Minor	College of Humanities, Business and Society	School of Humanities and Performing Arts
Theatre *	Minor	College of Humanities, Business and Society	School of Humanities and Performing Arts

*not offered in current AY

Tracks - 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 tracks selected from options within or related to the discipline. These tracks shall consist of a minimum of 12 semester credit hours and a maximum of 18 semester credit hours.

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 requirements for the major, the minor and the specialization as stated previously, but are included in the requirements for the total number of semester credit hours for an associate or baccalaureate degree.

Free Electives
Free electives may be selected by the student from any courses not required in the particular degree program, excluding non-credit course offerings. Free electives may be used to meet hourly requirements for graduation not specified in those sections of the Catalog pertaining to the General Education/Liberal Studies Requirements of the student's major or minor.

LIBERAL STUDIES REQUIREMENTS (General Education Common Core)

Kentucky State University is the Commonwealth's unique public liberal studies institution. Liberal studies comprise the traditional subjects of the natural sciences, social sciences, arts, and humanities. Included are courses in mathematics, poetry, history, politics, literature, languages, fine arts, philosophy, psychology, biology, chemistry, and economics, among others.

A liberal studies foundation prepares students 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.
The Liberal Studies Requirements are distributed across programs in the College of Humanities, Business, and Society. 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. In addition to the requirements of the student's major field of study, Liberal Studies Requirements constitute a carefully designed program of courses to be selected from the various academic offerings of the University. A number of choices are included in these general requirements and students are encouraged to consider carefully the alternatives available to them.

EXPECTED STUDENT LEARNING OUTCOMES
In order to make the goals of liberal studies at Kentucky State University clear and specific, the faculty has adopted a set of four liberal arts learning outcomes. After completing the general education requirements at Kentucky State University, students will be expected to demonstrate:

Knowledge of Human Cultures and the Physical World
Through study in the sciences and mathematics, social sciences, humanities, histories, languages, and the arts, the KSU student will engage with big questions, both contemporary and enduring, through study of core texts and primary source material.

Intellectual and Practical Skills

The KSU student will develop multiple literacies and skills, including reading comprehension, inquiry and analysis, critical and creative thinking, written and oral communication, quantitative literacy, information literacy, technological literacy, and teamwork and problem solving. The KSU student will practice these skills extensively, across the curriculum, in the context of progressively more challenging problems, project, and standards for performance. The student will judge reasonably the validity of information gained through the research process, including use of digital resources.

Personal and Social Responsibility

The KSU student will obtain including civic knowledge and readiness for engagement—locally and globally---and become actively involved with diverse communities and real-world challenges.

Integrative and Applied Learning

The KSU student will be able to perform cross-disciplinary synthesis and advance thought across general and specialized studies. The KSU student will demonstrate this learning through the application of knowledge, skills, and responsibilities to new settings and complex problems across disciplines.

LIBERAL STUDIES/GENERAL EDUCATION REQUIRED COURSES

GENERAL EDUCATION REQUIREMENTS (31/32 credit hours)
+ University Requirements (6 credit hours)

Communication: Written and Oral (3 courses)		**Credit Hours**
ENG 101	English Composition I	4
ENG 102	English Composition II	3
COM 103	Interpersonal Communication	3
	Total	**10**
Quantitative Reasoning (1 course)- courses specific to major		**Credit Hours**
MAT 111	Contemporary Math **OR**	3
MAT 115	College Algebra **OR**	3
MAT 115A	Accelerated College Algebra **OR**	4
MAT 200	Intro to Statistical Reasoning & Analysis **OR**	4
MAT 120	Precalculus **OR**	4
MAT 131	Calculus & Analytical Geometry I	5
	Total	**3**
Natural Sciences (1 course)- courses specific to major		**Credit Hours**
BIO 101	Life Sciences **OR**	3
CHE 109	Chemistry in Context **OR**	3
BIO 111	Principles of Biology **OR**	4
CHE 101 and CHE 110	General Chemistry I and General Chemistry I lab **OR**	3/1
PHS 201	Physical Science I (*list as lecture/lab*) **OR**	3
PHS 202	Physical Sciences II (*list as lecture/lab*) **OR**	3
PHY 211	General Physics I	5
	Total	**3/4**
Social and Behavioral Sciences: (2 courses from different disciplines)		**Credit Hours**
POS 101	American Government **OR**	3
FIN 101	Financial Literacy **OR**	3
HIS 108 or HIS 103	Intro to African American History or Western Civilization **OR**	3
ECO 200 or ECO 201	Survey of Economics or Principles of Economics **OR**	3
PSY 200	General Psychology **OR**	3
SOC 203	Principles of Sociology	3
	Total	**6**

Arts & Humanities: (3 courses), Foreign Language Option or Humanities Options		**Credit Hours**
Option 1		
Choose 1	**Arts Block**	
ART 130	Introduction to Art OR	3
MUS 130	Introduction to Music OR	3
THE 130	Introduction to Theatre OR	3
ENG 211	Introduction to Literature	3
	Arts Total	3
	AND	
Choose both	**Foreign Language Block**	
	Foreign Language I/ Foreign Language II	3/3
	Languages Total	**6**
	Total	**9**
OR		
Option 2		
Choose 1	**Arts Block**	
ART 130	Introduction to Art OR	3
MUS 130	Introduction to Music OR	3
THE 130	Introduction to Theatre OR	3
ENG 211	Introduction to Literature	3
	Arts Total	**3**
	AND	
Choose 1	**Humanities I**	
ASP 101	Black Experience in America **OR**	3
EDU 204	Cultural Responsiveness **OR**	3
IGS 200	Foundations of Cultures **OR**	3
IGS 201	Convergence of Cultures **OR**	3
IGS 300	Search for New Forms of Culture	3
	AND	
Choose 1	**Humanities II**	
ASP 302	Readings in Black Women's History **OR**	3
ASP 303	The American Civil Rights Movement **OR**	3
ASP 305	Africana Intellectual Thought **OR**	3
ASP 306	Economic Development in the Diaspora **OR**	3
BUA 370	Global Business Issues **OR**	3
COS 303	Human Perspective on Computing **OR**	3
ENG 313	Non-Western Literature **OR**	3
MUS/AAS 323	African-American Music **OR**	3
IGS 301	Studies in African Cultures **OR**	3
IGS 302	Studies in Asian Cultures **OR**	3
IGS 303	Studies in Latin American Cultures **OR**	3
IGS 304	The African-American Experience **OR**	3
IGS 305	The Latino Experience	3
	Humanities Total	**6**
	Total	**9**
Grand Total		**31/32**

Please note that certain majors and/or programs may require a student to complete specific courses within any category.

University Requirements

KSU 118 – Introduction to University Learning is a three-credit hour university orientation class. Students who have transferred more than 30 hours from another institution are exempted from taking any university orientation class. Students enrolled in the honors core are required to take HON 103 in lieu of KSU 118. Students enrolled in the music program are required to take MUS 103 in lieu of KSU 118.

KSU 186- Navigating the Tech World is a three-credit hour university class.

Testing Services

General Education Assessment—required of all university students seeking a baccalaureate degree. Assessment is scheduled after the student has earned 60 semester hours. This is a comprehensive exam required of all students to assess general education competency.

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) unless requested and approved by the Vice President of Academic Affairs, Department Chair, or the major advisor. 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 receive academic credit, a student must register for Cooperative Education courses.

Pre-Professional Programs

Kentucky State University offers preparatory courses and advising for appropriate course selection for students intending to enter the fields of medicine, dentistry, law, engineering, optometry, pharmacy, veterinary medicine, public health, and physical therapy, among others. Students who have an interest in one of these professions should contact the appropriate department c to inquire about placement with an appropriate advisor. Matching a career interest with a specialized advisor is key to successfully prepare for future admission into professional schools.

Educational Support

The Office of Student Engagement and Campus Life provides strategic coordination of student success services from admission to graduation. The office strives to ensure that the programs, services, and activities, improve the students' intellectual, social, and emotional well-being.

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. See the Credit Earning Alternatives section of Registration and Academic Records.

Donovan Scholars Program

Kentucky residents, age 65 and older, can be admitted to the University through the Donovan Scholars Program. Tuition and fees are waived for program members who are afforded the choice of being part-time or full-time and can choose traditional or online classes at all degree levels. Must submit a copy of your driver license to the Bursar's Office to verify age and residency.

Project Graduate

Project Graduate focuses on adults who have earned 90 or more college credit hours. Kentucky State University's Project Graduate Campus Action Plan is designed to provide academically qualified individuals the chance to complete a baccalaureate degree, improve their earning power and contribute more to their community and the Commonwealth of Kentucky. More specifically, the institution collaborates with the Kentucky Council on Postsecondary Education in a systematic effort to identify, recruit, and support students who have left Kentucky State University after completing the majority of work required to attain a baccalaureate degree.

Chapter 9
COLLEGE OF AGRICULTURE, COMMUNITY, and the SCIENCES (CACS)

Dr. Kirk Pomper
Dean
217 Cooperative Extension Building
Phone: (502) 597-6408
E-mail: kirk.pomper@kysu.edu

Ms. Amy McGee
Senior Grant and Administrative Assistant
102 Atwood
Phone: (502) 597-6408
E-mail: amy.mcgee@kysu.edu

Academic Units and Degrees Offered

School of Agriculture, Communities, and Environment

- B.S. in Agriculture, Food, and the Environment
- Minor – Agriculture, Food, and the Environment
- Minor – Geospatial Technology
- Minor - Health Science

School of Aquaculture and Aquatic Sciences

- Minor - Aquaculture

School of Education, Human Development, and Consumer Sciences

- B.A. in Child Development and Family Relations (non-teaching)
- B.A. in Interdisciplinary Early Childhood Education (IECE) (Birth to Primary certification)
- B.A. in Elementary Education and Teaching
- B.A./B.S. Physical Education
- Minors - Athletic Coaching, Athletic Training, Sports Management, Recreation
- Minor – Child Development and Family Relations

School of Nursing and Health Sciences

- A.A.S. in Nursing ADN
- B.S.N. in Nursing (pre-licensure and post-licensure)
- D.N.P. in Nursing Practice

School of Science, Technology, Engineering, and Mathematics

- B.S. in Biology
- B.S. in Chemistry
- B.A. in Mathematics (Pure)
- B.S. in Mathematics
- B.S. in Computer Science
- Minors - Biology, Chemistry, Mathematics, Physics, Health Sciences, Computer Gaming, Computer Science, Computer Information Systems

The College of Agriculture, Community, and the Sciences (CACS) works to uphold the mission of the University and Land Grant programs through its commitment to research, extension, and teaching in the food and agricultural sciences. The CACS includes the School of Agriculture, Communities, and the Environment; School of Aquaculture and Aquatic Sciences; School of Science, Technology, Engineering, and Mathematics; School of Education, Human Development, and Consumer Sciences; and the School of Nursing. Additionally, the Land Grant Program strengthens underserved communities, families, farmers, individuals and youth to improve their quality of life with state-of-the-art, research-based educational programs. The Land Grant research and extension programs work to resolve agricultural, educational, economic, and social problems of the people of the Commonwealth of Kentucky, especially limited-resource persons and families. The various programs of the college are supported by federal and state funds.

Research

The CACS has nationally and internationally recognized research programs in aquaculture, organic agriculture, sustainable biofuel feedstock production, alternative fruit and nut crops, ecological entomology, alternative pesticides and water quality, goat production, obesity and human health, apiculture, and geospatial sciences. The Aquaculture Program, KSU's "Program of Distinction," is widely recognized as a leader in the areas of paddlefish culture, freshwater prawn culture, Koi breeding, production of feed-trained largemouth bass, and fish meal replacement research. KSU boasts the largest multidisciplinary organic agriculture program in the 1890's Land Grant system.

The Community Research Service (CRS) encompasses all areas of research in the CACS and 1890's Land Grant Program. Our mission is to develop, advance, and disseminate scientific knowledge, improve agricultural productivity, preserve plants and animals, protect the environment, and enhance the health and economic opportunities of the people of the Commonwealth of Kentucky, as well other stakeholders around the world. The CRS also supports the mentoring of undergraduate and graduate students in research opportunities through internship and assistantship programs. The Atwood Research Facility contains approximately 34,000 square feet of classroom, laboratory, and office space, including a molecular genetics laboratory and nutrition laboratory. KSU's Aquaculture Research Center (ARC) includes 33 research ponds, a 3,000-square-foot hatchery houses spawning, holding, and experimental tanks, and state-of-the art histology and genetics laboratories. The Production Technology Building houses a 10,000 square foot wet lab for the study and development of aquaponics, biofloc and other intensive recycle systems.

Augmenting these facilities are KSU's 300-acre Harold R. Benson Research and Demonstration Farm and the 300-acre Environmental Education and Research Center. The Harold R. Benson farm has goat, beef, poultry, and fruit and vegetable trials, and 11 acres of certified organic land, which hosts a range of projects in organic agriculture.

Extension and Outreach

The Cooperative Extension Program (CEP) in the CACS provides education and technical assistance to limited resource families and communities by meeting the needs of farmers, youth, entrepreneurs, and many others. Some extension programs provide one to-one opportunities where paraprofessionals work directly with family members. The CEP has renowned programs in: family and consumer sciences, family development and management, family financial management and consumer education, small farmer outreach training and technical assistance, apiculture, goat production, community resource development, entrepreneurship, 4-H youth development, and Hispanic initiatives.

Extension program facilities include the Center for Sustainability of Farms and Families, a 12,000 square foot, 600-seat building at the KSU Research and Demonstration Farm. The Cooperative Extension Building, which houses a Television Production Studio, is supported by an Uplink/Downlink Satellite Truck and state-of-the-art communications equipment available for use by all of CACS. The geographic information systems (GIS) laboratory is also located in the Cooperative Extension Building and is utilized by students, faculty and by agricultural research and CEP staff to support their activities.

Statewide Articulation Agreement for Agricultural Education

Kentucky State University is part of the Statewide Articulation Agreement for Agricultural Education. This agreement permits high school students to earn up to six (6) credit hours toward the Bachelor of Science in Agriculture, Food, and Environment while still in high school. The articulation agreement is very significant, because students in agricultural education who complete at least three (3) high school credits in either animal science systems or horticulture/plant science systems majors (with a grade of B or better in all three (3) classes) and who also pass the appropriate Skill Standards Assessment for that major area, will receive three (3) credit hours in either animal science or plant science.

School of Agriculture, Communities and the Environment

Today's world needs people prepared to solve global challenges related to a safe and reliable food supply, protection of natural resources, climate change, improved nutrition, public health, and alternative energy sources. The United States Department of Agriculture and United States Department of Labor predict significant job growth in the areas of food, renewable energy, environment, and agribusiness. Increased demand is expected for agricultural inspectors, environmental scientists and specialists, including health, agriculturists and food scientists, soil and plant scientists, conservation scientists, forest and conservation technicians, agricultural and environmental law, public and agricultural policy, biotechnology, fisheries and wildlife, economic development, and agricultural communications. A degree from KSU's CACS will prepare graduates for a variety of jobs in these fields.

The CACS baccalaureate degree program in Agriculture, Food, and Environment (AFE), with six individual tracks 1) agriculture business, 2) agricultural systems, 3) aquaculture systems, 4) environmental systems, 5) nutritional sciences and food systems, and 6) agriculture communications prepares graduates in these growth areas in the U.S. economy. Using an interdisciplinary approach, students from diverse backgrounds will develop a broad understanding of relationships between agricultural and aquaculture systems, food safety, and the environment.

Bachelor of Science in Agriculture, Food and the Environment
Agriculture Business Track
121 credit hours

Term 1 (Fall)	Hours
AFE 110 - AFE Intro Lab	1
AFE 116 - Intro Ag, Food, Environ	2
AFE 120 - Princ. Of Agronomy	4
ENG 101 - Eng Comp I	4
KSU 118 - Introduction to UNV Learning	3
MAT 115 - College Algebra	3
Total	**17**

Term 2 (Spring)	Hours
AFE 117 - Global Perspect Ag, Food, Env	3
ART 130 or MUS 130 or THE 130 or ENG 211	3
BIO 111 - Prin Biol	4
ENG 102 - Eng Comp II	3
KSU 186 - Navigating the Tech. World	3
Total	**16**

Term 3 (Fall)	Hours
AFE 215 - Agribusiness Management	3
CHE 101 - Gen Chem I Lect	3
CHE 110 - Gen Chem I Lab	1
ECO 201 - Economics I	3

Term 5 (Fall)	Hours
ACC 201 - Principals of Accounting	3
AFE 450 - Human Health and Environ	3
BUA 321 - Legal Environment	3
ECO 202 - Principals of Economics II/Microeconomics	3
AFE Free Elective	3
Total	**15**

Term 6 (Spring)	Hours
AFE 311 - Practicum I	2
AFE 340 - Environ Sci and Agroecology	3
BUA 320 - Business Statistics	3
AFE Free Elective	3
Guided Elective	3
Total	**14**

Term 7 (Fall)	Hours
AFE 411 - Practicum II	2
Track Elective	3
AFE Free Elective	3
AFE Free Elective	3

COM 103 - Interpersonal Communication	3			
Arts and Humanities Core Elective	3		Guided Elective	3
Total	**16**		**Total**	**14**
Term 4 (Spring)	**Hours**		**Term 8 (Spring)**	**Hours**
AFE 211 - Animal Science	3		AFE 401 - Ag, Food, Environ Seminar	1
AQU 201 – Fisheries and the Educated Consumer	3		AFE 426 - Ag Econ & Marketing	3
MAT 200 - Intro to Statistical Reasoning & Analy.	4		MGT 465 - Entrepreneurship	3
SOC 203 - Intro to Sociology	3		Guided Elective	3
Arts and Humanities Core Elective	3		AFE Free Elective	3
Total	**16**		**Total**	**13**

AFE FREE ELECTIVES

AFE 309 - Livestock Reproduction, AFE 366 - Climate Change, AFE 404 - Nutrition & Metabolism, AFE 405 - Research/Extension in Nutrition, AFE 407 – Agroforestry, AFE 416 - Nutrition & Society, AFE 417 - Nutrition & Disease, AFE 442 - Plant Propagation, AFE 443 – Apiculture, AFE 455 - Food Microbiology & Safety, AFE 465 - Food Systems, AFE 485 - Special Topics, AQU 422 - Principles of Aquaculture

GUIDED TRACK ELECTIVES

AFE 425 - Organic Crop and Livestock Production, AFE 307 - Animal Nutrition, AFE 415 - Livestock Production, AFE 435 - Urban Agriculture, MKT 301 - Principles of Marketing, MGT 301 - Principles of Management, BUA 370 - Global Business Issues, BUA 380 - Leadership & Business Ethics

Bachelor of Science in Agriculture, Food and the Environment
Agricultural Systems Track
121 credit hours

Term 1 (Fall)	Hours		Term 5 (Fall)	Hours
AFE 110 - AFE Intro Lab	1		AFE 318 - Environ Entomology	4
AFE 116 - Intro Ag, Food, Environ	2		AFE 334 - Soil Science	3
AFE 120 - Princ. Of Agronomy	4		AFE 450 - Human Health and Environ	3
ENG 101 - Eng Comp I	4		AFE Free Elective	3
KSU 118 - Introduction to UNV Learning	3			
MAT 115 - College Algebra	3		Arts and Humanities Core Elective	3
Total	**17**		**Total**	**16**
Term 2 (Spring)	**Hours**		**Term 6 (Spring)**	**Hours**
AFE 117 - Global Perspect Ag, Food, Env	3		AFE 311 - Practicum I	2
ART 130 or MUS 130 or THE 130 or ENG 211	3		AFE 340 - Environ Sci and Agroecology	3
BIO 111 - Prin Biol	4		AFE 426 - Ag Econ & Marketing	3
ENG 102 - Eng Comp II	3		Guided Elective	3
KSU 186 - Navigating the Tech. World	3		Guided Elective	3
Total	**16**		**Total**	**14**
Term 3 (Fall)	**Hours**		**Term 7 (Fall)**	**Hours**
AFE 217 - Plant Science	4		AFE 411 - Practicum II	2
CHE 101 - Gen Chem I Lect	3		AFE 445 - Agriculture and Energy	3
CHE 110 - Gen Chem I Lab	1		AFE Free Elective	3
ECO 201 - Economics I	3		Guided Elective	3
COM 103 - Interpersonal Communication	3		Guided Elective	3
Total	**14**		**Total**	**14**
Term 4 (Spring)	**Hours**		**Term 8 (Spring)**	**Hours**
AFE 211 - Animal Science	3		AFE 401 - Ag, Food, Environ Seminar	2
AQU 201 – Fisheries and the Educated Consumer	3		Track Concentration Elective	3
MAT 200 - Intro to Statistical Reasoning & Analy.	4		AFE Free Elective	3
SOC 203 - Intro to Sociology	3		AFE Free Elective	3

Arts and Humanities Core Elective	3		Guided Elective	3
Total	**16**		**Total**	**14**

AFE FREE ELECTIVES

AFE 215 - Agribusiness Management, AFE 366 - Climate Change, AFE 404 - Nutrition & Metabolism, AFE 405 - Research/Extension in Nutrition, AFE 407 – Agroforestry, AFE 416 - Nutrition & Society, AFE 417 - Nutrition & Disease, AFE 442 - Plant Propagation, AFE 443 – Apiculture, AFE 455 - Food Microbiology & Safety, AFE 465 - Food Systems, AFE 485 - Special Topics, AQU 422 - Principles of Aquaculture

GUIDED TRACK ELECTIVES

Animal Focus: AFE 213 - Animal Plan Science Lab, AFE 307 - Animal Nutrition, AFE 309 - Livestock Reproduction, AFE 320 - Livestock Anatomy and Physiology, AFE 415 - Livestock Production

Agronomy/Horticulture Focus: AFE 420 - Advanced Agronomy, AFE 425 - Organic Crop and Livestock Production, AFE 435 - Urban Agriculture

Bachelor of Science in Agriculture, Food and the Environment
Aquaculture Systems Track
121 credit hours

Term 1 (Fall)	Hours		Term 5 (Fall)	Hours
AFE 110 - AFE Intro Lab	1		AFE 450 - Human Health and Environ	3
AFE 116 - Intro Ag, Food, Environ	2		AQU 411 - Fish Diseases	3
AFE 120 - Princ. Of Agronomy	4		AQU 422 - Principles of Aquaculture	3
ENG 101 - Eng Comp I	4		Guided Elective	3
KSU 118 - Introduction to UNV Learning	3			
MAT 115 - College Algebra	3		AFE Free Elective	3
Total	**17**		**Total**	**15**
Term 2 (Spring)	**Hours**		**Term 6 (Spring)**	**Hours**
AFE 117 - Global Perspect Ag, Food, Env	3		AFE 311 - Practicum I	2
ART 130 or MUS 130 or THE 130 or ENG 211	3		AFE 340 - Environ Sci and Agroecology	3
BIO 111 - Prin Biol	4		AQU 421 - Fish Nutrition	3
ENG 102 - Eng Comp II	3		Guided Elective	3
KSU 186 - Navigating the Tech. World	3		Guided Elective	3
Total	**16**		**Total**	**14**
Term 3 (Fall)	**Hours**		**Term 7 (Fall)**	**Hours**
AFE/AQU Elective	3		AFE 411 - Practicum II	2
CHE 101 - Gen Chem I Lect	3		AQU 460 - Water Quality Management	3
CHE 110 - Gen Chem I Lab	1		Guided Elective	3
ECO 201 - Economics I	3		Guided Elective	3
COM 103 - Interpersonal Communication	3			
Arts and Humanities Core Elective	3		AFE Free Elective	3
Total	**16**		**Total**	**14**
Term 4 (Spring)	**Hours**		**Term 8 (Spring)**	**Hours**
AFE 211 - Animal Science	3		AFE 401 - Ag, Food, Environ Seminar	1
AQU 201 – Fisheries and the Educated Consumer	3		Track Concentration Elective	3
MAT 200 - Intro to Statistical Reasoning & Analy.	4		AFE Free Elective	3
SOC 203 - Intro to Sociology	3		AFE Free Elective	3
Arts and Humanities Core Elective	3		AFE Free Elective	3
Total	**16**		**Total**	**13**

AFE ELECTIVES

AFE 215 Agribusiness Management, AFE 307 Animal Nutrition, AFE 309 Livestock Reproduction, AFE 366 Climate Change, AFE 404 Nutrition & Metabolism, AFE 405 Research/Extension in Nutrition, AFE 407 Agroforestry, AFE 415 Livestock Production, AFE 416 Nutrition & Society, AFE 417 Nutrition & Disease, AFE 425 Organic Crop and Livestock Production, AFE 435 Urban Agriculture, AFE 442 Plant Propagation, AFE 443

Apiculture, AFE 455 Food Microbiology & Safety, AFE 465 Food Systems, AFE 485 Special Topics, AQU 201 Fisheries and the Educated Consumer, AQU 422 Principles of Aquaculture

GUIDED TRACK ELECTIVES

AQU 407 - Fish Genetics, AQU 412 - Fish Morphology and Physiology, AQU 413 - Aquatic Ecology, AQU 416 - Computer Applications in Statistics, AQU 451 - Survey of Production Methods, AFE 480- Introduction GIS

Bachelor of Science in Agriculture, Food and the Environment
Environmental Systems Track
120 credit hours

Term 1 (Fall)	Hours
AFE 110 - AFE Intro Lab	1
AFE 116 - Intro Ag, Food, Environ	2
AFE 120 - Princ. Of Agronomy	4
ENG 101 - Eng Comp I	4
KSU 118 - Introduction to UNV Learning	3
MAT 115 - College Algebra	3
Total	**17**

Term 2 (Spring)	Hours
AFE 117 - Global Perspect Ag, Food, Env	3
ART 130 or MUS 130 or THE 130 or ENG 211	3
BIO 111 - Prin Biol	4
ENG 102 - Eng Comp II	3
KSU 186 - Navigating the Tech. World	3
Total	**16**

Term 3 (Fall)	Hours
AFE 217 - Plant Science	4
CHE 101 - Gen Chem I Lect	3
CHE 110 - Gen Chem I Lab	1
ECO 201 - Economics I	3
COM 103 - Interpersonal Communication	3
Arts and Humanities Core Elective	3
Total	**17**

Term 4 (Spring)	Hours
AFE 211 - Animal Science	3
AQU 201 – Fisheries and the Educated Consumer	3
MAT 200 - Intro to Statistical Reasoning & Analy.	4
SOC 203 - Intro to Sociology	3
Arts and Humanities Core Elective	3
Total	**16**

Term 5 (Fall)	Hours
AFE 450 - Human Health and Environ	3
AFE 480 - Intro to GIS	3
BIO 316 or BIO 417	4
AFE Free Elective	3
Total	**13**

Term 6 (Spring)	Hours
AFE 311 - Practicum I	2
AFE 340 - Environ Sci and Agroecology	3
AFE 366 - Climate Change Studies	3
AFE Free Elective	3
Guided Elective	3
Total	**14**

Term 7 (Fall)	Hours
AFE 334 - Soil Science	3
AFE 411 - Practicum II	2
AFE Free Elective	3
Guided Elective	3
Guided Elective	3
Total	**14**

Term 8 (Spring)	Hours
AFE 401 - Ag, Food, Environ Seminar	1
AFE Free Elective	3
Guided Elective	3
Guided Elective	3
Guided Elective	3
Total	**13**

AFE FREE ELECTIVES

AFE 215 Agribusiness Management, AFE 307 Animal Nutrition, AFE 309 Livestock Reproduction, AFE 366 Climate Change, AFE 404 Nutrition & Metabolism, AFE 405 Research/Extension in Nutrition, AFE 407 Agroforestry, AFE 415 Livestock Production, AFE 416 Nutrition & Society, AFE 417 Nutrition & Disease, AFE 425 Organic Crop and Livestock Production, AFE 435 Urban Agriculture, AFE 442 Plant Propagation, AFE 443 Apiculture, AFE 455 Food Microbiology & Safety, AFE 465 Food Systems, AFE 485 Special Topics, AQU 422 Principles of Aquaculture

GUIDED TRACK ELECTIVES

AFE 489- Remote Sensing of the Environment, AQU 460 - Water Quality Management, AQU 461 - Water Quality Management Lab, BIO 417 - Ecological Field Methods, COS 364 - Data Storage and Data Mining

Bachelor of Science in Agriculture, Food and the Environment
Nutritional Sciences and Food Systems Track
121 credit hours

Term 1 (Fall)	Hours
AFE 110 - AFE Intro Lab	1
AFE 116 - Intro Ag, Food, Environ	2
AFE 120 - Princ. Of Agronomy	4
ENG 101 - Eng Comp I	4
KSU 118 - Introduction to UNV Learning	3
MAT 115 - College Algebra	3
Total	**17**

Term 2 (Spring)	Hours
AFE 117 - Global Perspect Ag, Food, Env	3
ART 130 or MUS 130 or THE 130 or ENG 211	3
BIO 111 - Prin Biol	4
ENG 102 - Eng Comp II	3
KSU 186 - Navigating the Tech. World	3
Total	**16**

Term 3 (Fall)	Hours
CHE 101 - Gen Chem I Lect	3
CHE 110 - Gen Chem I Lab	1
ECO 201 - Economics I	3
FNU 104 - Basic Nutrition	3
COM 103 - Interpersonal Communication	3
Arts and Humanities Core Elective	3
Total	**16**

Term 4 (Spring)	Hours
AFE 211 - Animal Science	3
AQU 201 – Fisheries and the Educated Consumer	3
MAT 200 - Intro to Statistical Reasoning & Analy.	4
SOC 203 - Intro to Sociology	3
Arts and Humanities Core Elective	3
Total	**16**

Term 5 (Fall)	Hours
AFE 404 - Nutrition & Metabolism	3
AFE 450 - Human Health and Environ	3
AFE Free Elective	3
Guided Elective	3
Guided Elective	3
Total	**15**

Term 6 (Spring)	Hours
AFE 311 - Practicum I	2
AFE 340 - Environ Sci and Agroecology	3
AFE 417 - Modern Nutrition & Disease	3
Guided Elective	3
Guided Elective	3
Total	**14**

Term 7 (Fall)	Hours
AFE 411 - Practicum II	2
AFE Free Elective	3
Guided Elective	3
Guided Elective	3
Guided Elective	3
Total	**14**

Term 8 (Spring)	Hours
AFE 401 - Ag, Food, Environ Seminar	1
AFE 416 - Nutrition & Society	3
AFE 466 - Food Systems	3
AFE Free Elective	3
AFE Free Elective	3
Total	**13**

AFE FREE ELECTIVES
AFE 215 - Agribusiness Management, AFE 307 - Animal Nutrition, AFE 309 - Livestock Reproduction, AFE 366 - Climate Change, AFE 404 - Nutrition & Metabolism, AFE 407 – Agroforestry, AFE 415 - Livestock Production, AFE 416 - Nutrition & Society, AFE 417 - Nutrition & Disease, AFE 435 - Urban Agriculture, AFE 442 - Plant Propagation, AFE 443 – Apiculture, AFE 465 - Food Systems, AFE 485 - Special Topics, AQU 422 - Principles of Aquaculture

GUIDED TRACK ELECTIVES
AFE 118 - Introduction to Fermentation and Distillation Science, AFE 130 - Fermentation and Spirits Chemistry, AFE 359 - Fermentation of Food and Food Safety, AFE 405 - Research/Extension in Nutrition, AFE 425 - Organic Crop and Livestock Production, AFE 455 - Food Microbiology & Safety, AFE 459 - Directed Studies in Fermentation and Distillation Science

Bachelor of Science in Agriculture, Food and the Environment
Agriculture Communications Track
121 credit hours

Term 1 (Fall)	Hours
AFE 110 - AFE Intro Lab	1
AFE 116 - Intro Ag, Food, Environ	2
AFE 120 - Princ. Of Agronomy	4
ENG 101 - Eng Comp I	4
KSU 118 - Introduction to UNV Learning	3
MAT 115 - College Algebra	3
Total	**17**

Term 2 (Spring)	Hours
AFE 117 - Global Perspect Ag, Food, Env	3
ART 130 or MUS 130 or THE 130 or ENG 211	3
BIO 111 - Prin Biol	4
ENG 102 - Eng Comp II	3
KSU 186 - Navigating the Tech. World	3
Total	**16**

Term 3 (Fall)	Hours
AFE 215 - Agribusiness Management	3
CHE 101 - Gen Chem I Lect	3
CHE 110 - Gen Chem I Lab	1
ECO 201 - Economics I	3
COM 103 - Interpersonal Communication	3
Arts and Humanities Core Elective	3
Total	**16**

Term 4 (Spring)	Hours
AFE 211 - Animal Science	3
AQU 201 – Fisheries and the Educated Consumer	3
JOU 204 - Journalism I	3
MAT 200 - Intro to Statistical Reasoning & Analy.	4
Arts and Humanities Core Elective	3
Total	**16**

Term 5 (Fall)	Hours
JOU 210 - Intro to Mass Communications	3
JOU 305 - Communication Law and Ethics	3
SOC 203 - Intro to Sociology	3
AFE Free Elective	3
Guided Elective	3
Total	**15**

Term 6 (Spring)	Hours
AFE 311 - Practicum I	2
AFE 340 - Environ Sci and Agroecology	3
JOU 365 - Advanced Public Affairs Reporting	3
Guided Elective	3
AFE Free Elective	3
Total	**14**

Term 7 (Fall)	Hours
AFE 411 - Practicum II	2
AFE 407 or AFE 425 or AFE 435	3
AFE 450 - Human Health and Environment	3
JOU 370 or JOU 425 or MKT 320	3
Guided Elective	3
Total	**14**

Term 8 (Spring)	Hours
AFE 401 - Ag, Food, Environ Seminar	1
AFE Free Elective	3
AFE Free Elective	3
AFE Free Elective	3
AFE Free Elective	3
Total	**13**

AFE FREE ELECTIVES

AFE 215 - Agribusiness Management, AFE 307 - Animal Nutrition, AFE 309 - Livestock Reproduction, AFE 366 - Climate Change, AFE 404 - Nutrition & Metabolism, AFE 405 - Research/Extension in Nutrition, AFE 415 - Livestock Production, AFE 416 - Nutrition & Society, AFE 417 - Nutrition & Disease, AFE 442 - Plant Propagation, AFE 443 – Apiculture, AFE 455 - Food Microbiology & Safety, AFE 465 - Food Systems, AFE 485 - Special Topics, AQU 422 - Principles of Aquaculture

GUIDED TRACK ELECTIVES

AFE 407 – Agroforestry, AFE 425 - Organic Crop and Livestock Production, AFE 435 - Urban Agriculture, JOU 204 – Journalism, JOU 215 - Mass Communication and Society, JOU 302 - Student Media Workshop 1, JOU 364 - Desktop/Web Publishing, JOU 370 - Public Relations Campaigns, JOU 371 - Public Events Planning, JOU 425 - Communication Research Methods, MKT 301 - Principles of Marketing, MKT 302 – Marketing Communications, MKT 325 - Internet Marketing

*If students take one of these lower level classes, then one of the AFE core lower level electives needs to be used for an upper level elective to insure enough 3/4XX level classes for graduation.

Minors

Agriculture, Food and the Environment 21 credits

This minor requires the completion of a minimum of 21 semester credit hours in Agriculture, Food, and Environment or FCS classes. All students must take AFE 117 – Global Perspectives in Agriculture, Food, and the Environment. The student will select one of the certification programs with AFE (12-15 hour). The remaining 3 to 6 hours will be elective selected from the courses offered within the degree and recommended by a faculty mentor, approved by the chair of the School of AFE.

Aquaculture 19 credits

This minor requires the completion of a minimum of 19 credit hours in Aquaculture. A student pursuing a minor in AQU will choose courses from the list of AQU courses under the supervision of an AQU advisor.

Geospatial Technology 18 credits

This minor requires the completion of a minimum of 18 semester credit hours including the following courses: AQU 480 Introduction to Geographic Information, COS 364 Data Storage & Data Mining, and AFE 489 Remote Sensing of Environment. Students must choose 3 out of the following courses as electives for a total of 9 hours to complete the minor: AFE 366 Climate Change Studies, COS 107 Problem Solving & Logic, COS 303 Human Perspective Computing, or AFE 485/COS 495 Special Topics/Senior Research Project in Advanced Geospatial Technology.

Health Sciences 20 credits

The purpose of the Health Science minor is to prepare undergraduate students enrolled in any BA or BS degree program an opportunity to meet the qualification to take the MCAT, VCAT, PCAT, DAT, and successfully apply to Professional schools such as Medical School, Veterinarian School, Dental and Physician Assistant School. The minor is composed of 20 hours of course work that will prepare undergraduate students to take the MCAT during their sixth semester, allowing them to apply to professional school during their seventh semester. Students must take the following courses: BIO 302 Microbiology, CHE 301 Organic Chemistry I, CHE 310 Organic Chemistry I Laboratory, CHE 302 Organic Chemistry II, CHE 320 Organic Chemistry II Laboratory, PHY 207 Physics in Biological Sciences I, and PHY 208 Physics for Biological Sciences II.

Undergraduate Certificates

Animal Agriculture 15 credits

The certificate in Animal Agriculture requires 15 total credits, 12 of those are fixed and are the animal agriculture related classes which include AFE 211, AFE 307, AFE 309, and AFE 415. The other three credits are an economics and or marketing class, there are three to choose from either AFE 215, AFE 426, or ECO 201. The certificate is designed to give students a strong understanding of the basic principles of animal production and management covering nutrition, reproduction, selection, and overall production practices. This certificate is available to any individual as a stand-alone certificate. Students within the AFE degree can complete this certificate as part of their overall degree program to indicate a strong animal related focus in their studies.

Certificate in Animal Agriculture Credit hours required: 15	
Courses Required	**Credit Hours**
AFE 211 - Introduction to Animal Science	3
AFE 307 - Animal Nutrition	3
AFE 309 - Livestock Reproduction	3
AFE 415 - Livestock Production Practices	3
Select one class from the list below:	
AFE 215 - Agribusiness Management	3
AFE 426 - Agricultural Economics and Marketing	3
ECO 201 - Principles of Economics	3

Aquaculture/Aquatic Sciences 12 credits

The Certificate in Aquaculture/Aquatic Sciences will require a minimum of 12 credit hours of course work chosen by the student from the School of Aquaculture offerings (AQU prefix). These can either be classroom or online classes. Only classes in which students receive a grade of C or better will count toward this certificate. These classes can also count toward the Aquaculture Systems track for the B.S. in Agriculture, Food and Environment (AFE) and/or the Aquaculture Minor should the student pursue a higher degree.

Certificate in Aquaculture/Aquatic Sciences Credit hours required: 12	
Select from the courses below:	**Credit Hours**
AQU 407 - Fish Genetics	3
AQU 411 - Fish Diseases	3
AQU 422 - Principles of Aquaculture	3
AQU 427 - Fish Reproduction & Spawning Techniques	3
AQU 451- Survey of Production Methods	3
AQU 460- Water Quality Management	3

Food Safety 12 credits

The Certificate in Food Safety requires a minimum of 12 credit hours of course work which includes the following classes: FNU 104 Fundamentals of Nutrition, AFE 455 Food Safety and Microbiology, AFE 465 Food Systems, and AFE 425 Organic Agriculture. Most of the courses are currently offered by the Nutritional Sciences and Food Systems stream of the Agriculture, Food, and Environment (AFE) program. Only classes in which students receive a "C" or better will count toward the Certificate. These classes can also count toward the AFE Nutritional Sciences and Food Systems Option for the B.S. in Agriculture, Food, and Environment and/or the Nutrition Science minor should the student pursue that degree.

Certificate in Food Safety Credit hours required: 12	
Courses Required	**Credit Hours**
FNU 104 - Basic Nutrition	3
AFE 425 - Organic Crop and Livestock Production	3
AFE 455 - Food Safety and Microbiology	3
AFE 465 - Food Systems	3

Human Health and Nutrition 12 credits

The Certificate in Human Health and Nutrition consists of 4 courses or a total of 12 hours designed to give the student specific training in nutrition in the context of community education and human health. Students who acquire this certificate will take FNU 104 Fundamentals of Nutrition, AFE 405 Research and Extension in Nutrition, AFE 416 Society and Nutrition, and AFE 417 Modern Nutrition and Disease. This certificate is designed for current KSU students, new students, and individuals desiring more instruction in the area of nutrition.

Certificate in Human Health and Nutrition Credit hours required: 12	
Courses Required	**Credit Hours**
FNU 104 - Basic Nutrition	3
AFE 405 - Research and Extension in Nutrition	3
AFE 416 - Society and Nutrition	3
AFE 417 - Modern Nutrition and Disease	3

Sustainable Agriculture Systems 15 credits

The Certificate in Sustainable Agricultural Systems will require a minimum of 15 credit hours of course work. There are 12 hrs. of set courses and then the student will select one additional class to help focus on a specific area of sustainable agriculture. Required courses are: AFE 334 Soil Science, AFE 340 Environ Sci. and Agroecology, AFE 425 Organic Agriculture, and AFE 445 Agriculture and & Energy. Any of the following courses could be taken as an elective for this certificate: AFE 407 Agroforestry, AFE 435 Urban Agriculture, AFE 442 Plant Propagation, or AFE 443 Apiculture/Pollination Biology. This certificate program will complement other degree programs within the academic unit. It will also provide an interim degree for those pursuing the Agriculture System option within the AFE degree. Interim degrees have been shown to impact retention by providing an intermediate goal that can be achieved by students while pursuing the B.S degree, this also benefits graduation rates and helps keep some students on track for graduation with the full degree on time.

Certificate in Sustainable Agriculture Systems Credit hours required: 15	
Courses Required	**Credit Hours**
AFE 334 - Soil Science	3
AFE 340 - Environmental Science and Agro Ecology	3
AFE 425 - Organic Crop and Livestock Production	3
AFE 445 - Ag & Energy	3
Select one class from the list below:	
AFE 407 - Agroforestry	3
AFE 435 - Urban Agriculture	3
AFE 442 - Plant Propagation	3
AFE 443 - Apiculture/Pollination Biology	3

Environmental Measurements 14 credits

The Certificate in Environmental Measurements will require 14 credit hours of course work. It is designed to give experience to students a broad array measurement techniques and protocols. There are 14 hrs. of required courses. The following 14-credit hour curriculum ladder will be offered: AQU 480 Introduction to Geographic Information Systems (GIS), AFE 489 Remote Sensing of Environment, AQU 460 Water Quality Management and AFE 461 Water Quality LAB, and BIO 417 Ecological Field Methods. This certificate program will create educational opportunities for KSU students and non-traditional students as well as high school teachers and government and private industry employees to earn a certificate in Environmental Measurements. These audiences can utilize the earned certificate for science teacher certification or as an educational/professional development credits towards their professional skills development. This certificate provides an interim degree for those pursuing the Option in Environmental Systems Students will develop basic skills in acquiring, analyzing and interpreting field data. The overall impact of this certificate program will enable students to develop unique skills to increase their chances to be recruited in special skills-oriented and high- salaried professional jobs.

Certificate in Environmental Measurements Credit hours required: 14	
Courses Required	**Credit Hours**
AFE 480 - Intro to GIS	3
AFE 489 - Remote Sensing of Environment	3
AQU 460/461 - Water Quality Management w/Lab	4
BIO 417 - Ecological Field Methods	4

Geospatial Technology and Application 12 credits

The Certificate in Geospatial Technology and Application will require 12- credit hours. The following 12-credit hour curriculum ladder will be offered: AFE 480 Introduction to Geographic Information Systems (GIS), COS 364 Data Storage & Data Mining, AFE 489 Remote Sensing of Environment, and AFE 366 Climate Change Studies. This certificate program will create educational opportunities for KSU students and non-traditional students as well as high school teachers and government and private industry employees to earn a certificate in geospatial technology application. These audiences can utilize the earned certificate for science teacher certification or as an educational/professional development credits towards their professional skills development. This certificate provides an interim degree for those pursuing the Option in Environmental Systems. Students will develop basic skills in acquiring, analyzing and interpreting spatial databases and prepare standard cartographic maps using 21st century mapping and visualization techniques. The overall impact of the certificate program is for students to develop unique skills and increase their chances to be recruited in special skills-oriented and high-salaried professional jobs.

Certificate in Geospatial Technology and Application Credit hours required: 12	
Courses Required	**Credit Hours**
AFE 366 - Climate Change Studies	3
AFE 480 - Intro to GIS	3
AFE 489 - Remote Sensing of Environment	3
COS 364 - Data Storage & Data Mining	3

Agriculture Business Management 12 credits

The Certificate in Agriculture Business and Management will require a minimum of 12 credit hours of course work which includes the following classes: ACC 201 Principles of Accounting, AFE 215 Ag Management, AFE 426 Principles of Ag Econ and Marketing, and MGT 465 Entrepreneurship. All four of these classes are part of the Agriculture Business option within the AFE degree. This certificate is being offered in conjunction with the KSU School of Business. This degree program will complement our other degree offerings. The Certificate program also provides an interim degree for those pursuing the Agriculture Business option in the Agriculture, Food, and Environment, B.S. degree. Interim degrees have been shown to positively impact retention and graduation rates.

Certificate in Agriculture Business Management Credit hours required: 12	
Courses Required	**Credit Hours**
ACC 201 - Principles of Accounting	3
AFE 215 - Ag Management	3
AFE 426 - Principles of Ag Econ and Marketing	3
MGT 465 - Entrepreneurship	3

Fermentation and Distillation Technology 14 credits

The Certificate in Fermentation and Distillation Technology is a 14 credit hour certificate that is designed to provide students with a greater understanding of the fermentation and distillation processes and food safety. This certificate will cover the different aspects of fermentation science and distillation technology. It includes food safety as well as chemistry involved in these processes. The courses cover different aspects of fermentation and distillation that can impact the quality, taste and safety of fermented foods and beverages. Students that complete this degree will be better prepared to enter this field of employment. The certificate can be completed alone or as part of any degree.

Certificate in Fermentation and Distillation Technology Credit hours required: 14	
Courses Required	**Credit Hours**
AFE 118 - Intro to Fermentation and Distillation Science	3
AFE 130/CHE 108 - Fermentation and Spirits Chemistry	4
AFE 359 - Fermentation of Foods and Food Safety	4
AFE 459 - Directed Studies in Fermentation and Distillation Science	3

SCHOOL OF EDUCATION, HUMAN DEVELOPMENT, AND CONSUMER SCIENCES

The strategic plan of the School of Education, Human Development, and Consumer Sciences guides our teaching, policies, procedures, curricula, and governance.

Core Values

Commitment to Learn – We believe that abilities and achievements grow through willingness, effort, experience, and persistence.
Collaboration – We believe that creative ideas and effective solutions stem from openness, partnership, and community.
Cultural Competence – We fully appreciate our own cultural roots and we believe that understanding and valuing the cultures of others leads to authentic connections and relationships.
Social Justice – We believe that equitable access to resources and opportunities is the key to personal growth, professional accomplishments, and systemic change.
Health and Wellness – We believe that excellence comes from enjoying what we do and striving for balance in body, mind, and spirit.

Mission: As the first public institution of higher education to prepare African American teachers in Kentucky, the School of Education, Human Development, and Consumer Sciences is grounded in history, theory, and research. Building on our proud legacy, we now form a diverse, supportive community that promotes cultural competence, provides access to resources, creates opportunities for meaningful learning, engages in effective problem solving, and activates positive system change for all.

Vision: The School of Education, Human Development, and Consumer Sciences collaborates with partners to offer educational opportunities through which individuals from myriad cultures learn together in community and grow into culturally competent, highly skilled, professional leaders in a global society.

Programs

Kentucky State University is a state-approved and nationally accredited Educator Preparation Provider (EPP), offering eight undergraduate and one graduate Teacher Education Programs (TEPs). Four of the TEPs are housed in the School of Education, Human Development, and Consumer Sciences, and are provided in the catalog sections pertaining to those divisions.

The University offers eight undergraduate Teacher Education Programs (TEPs) and one graduate TEP. Each program is state- approved by the Education Professional Standards Board (EPSB, http://www.epsb.ky.gov) and nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP, http://caepnet.org). The TEPs include:

Biology Education (8th -12th grade), School of Science, Technology, Engineering, and Mathematics
Elementary Education and Teaching (primary-5th grade), School of Education, Human Development, and Consumer Sciences
English Education (8th -12th grade), School of Humanities and Performing Arts
Interdisciplinary Early Childhood Education (birth-primary), School of Education, Human Development, and Consumer Sciences
Mathematics Education (8th -12th grade), School of Science, Technology, Engineering, and Mathematics
Music Education (primary-12th grade), School of Humanities and Performing Arts
Physical Education (teaching) (primary-12th grade), School of Education, Human Development, and Consumer Sciences
Social Studies Education (8th -12th grade), School of Behavioral and Social Sciences

Special Education with a specialization in Learning and Behavioral Disorders (master program, primary-12th grade), School of Education, Human Development, and Consumer Sciences

In addition to the TEPs, the School of Education, Human Development, and Consumer Sciences offers two professional programs that prepares graduates for professional careers in fields other than education: BA Child Development and Family Relations and BA Physical Education (non-teaching) with a track in Exercise and Sports Studies or a track in Sports Management.

Professional Standards

Instruction and assessment are aligned with standards that are determined by state and national organizations. These standards and organizations include the following:

- Council for the Accreditation of Educator Preparation (CAEP);
- InTASC Model Core Teaching Standards and Learning Progressions for Teachers 1.0;
- 21st Century Skills;
- Standards of the specialized professional association (SPA) of each program.
    - National Organization for the Education of Young Children (NAEYC) for IECE;
    - Council for Exceptional Children (CEC) for Special Education;
    - National Association of School Musicians (NASM) for Music Education;
    - American Kinesiology Association (AKA),
    - Society for Health and Physical Education (SHAPE), and
    - National Health Education Standards (NHES) for Physical Education and Health.

Hallmark Assessments

Each of the three degree programs housed in the School of Education, Human Development, and Consumer Sciences and the six teacher education programs housed in other KSU departments has hallmark assessments. These are program-level assignments and standardized tests, across courses, that the faculty has determined represent the knowledge, skills, dispositions, and cultural competence graduates of these programs need as they embark as professionals in their fields. Some of the hallmark assessments are shared across programs while others are specific to the program's academic content. Students should discuss their programs' hallmark assessments with their academic advisors and School of Education, Human Development, and Consumer Sciences faculty to be sure that they understand their requirements and importance. As they progress through their programs, students need to devote the time and effort required to complete each hallmark assessment to the best of their ability.

Teacher Education Committee

The Teacher Education Committee (TEC) provides oversight and determines the policies and procedures of KSU's Teacher Education Programs (TEPs). The TEC is composed of all School of Education, Human Development, and Consumer Sciences faculty, staff, students, and representatives from local school districts.

Field Experiences

To prepare graduates for the real world of teaching, the School of Education, Human Development, and Consumer Sciences provides multiple opportunities for teacher candidates to practice what they learn through their coursework by engaging in professional experiences in a variety of professional settings. Before being approved to begin field experiences in schools, candidates must have clear criminal history verified each year. Teacher candidates must enter data pertaining to all field experiences in the Kentucky Field Experiences Tracking System (KFETS). Teacher candidates must complete a minimum of 200 hours of field experiences as a prerequisite of admission to student teaching.

Degree Completion

To earn an undergraduate degree from the School of Education, Human Development, and Consumer Sciences a student admitted to KSU must complete all course, field and clinical experiences Students should consult with their academic advisors and the faculty to learn more about their specific programs. Requirements for admission to the University, admission to a Teacher Education Program (TEP), admission to student teaching, and/or program completion may be changed by a decision or action of an accrediting agency, the Kentucky Legislature, KSU Faculty Senate, KSU administration, the Teacher Education Committee (TEC), or the TEP. Students who are admitted to a TEP and then are not enrolled in courses for a period of 18 months or longer, are withdrawn from the TEP. When students re-enroll in the University, they must meet the criteria for admission to their TEP that are in place at that time.

Admission to a Teacher Education Program

Completed application; minimum 42 semester credit hours; cumulative grade point average (GPA) of 2.75 or 3.0 for the most recent college-level courses; grades of C or above in designated courses; 25 field hours with all data submitted in Kentucky Field Experiences Tracking System (KFETS) and verified through documentation signed by mentor teachers; three professional dispositions instrument; passing scores on the Core Academic Skills for Educators (CASE), a test of academic content published by the Educational Testing Service (ETS; http://www.ets.org): Reading (5712) score of 156; Writing (5722) score of 162; and Mathematics (5732) score of 150; well-written autobiographical sketch, impromptu writing interview; and any other prerequisites as determined by the TEC.

Admission to Student Teaching

Completed application; 200 field hours with all data submitted in Kentucky Field Experiences Tracking System (KFETS) and verified through documentation signed by mentor teachers; cumulative grade point average (GPA) of 2.75 or higher, at the end of the semester prior to the semester of student teaching; passing grades in all courses in the Liberal Studies Core; grades of C or above in all education foundation courses and education content courses; three professional dispositions instrument; an official score on ETS Praxis II content and/or pedagogical exams, as determined by the Education Professional Standards Board (EPSB) and required by the TEC; clear state- and national-level criminal report submitted to the placement district; current physical examination report, including a TB skin test or x-ray (available through KSU Betty White Clinic); verification of current liability insurance obtained through Kentucky Education Association (KEA); forms and fees required for graduation; and other prerequisites as determined by the TEC. Note: Student teaching placements are the result of collaboration between the School of Education and Human Development and school district leaders. While student preferences and requests are taken into consideration in placement decisions, other factors are considered as well, including diversity of field and life experiences, teaching and learning opportunities offered by districts, research being conducted, and supervision logistics. While the University understands and supports district needs for diversity and "grow-your-own" initiatives, the norm is for student teachers not to be placed in schools they attended as P-12 students.

Teacher Education Program Completion

70 documented days of student teaching, with each day being a minimum of six hours; electronic submission of multiple assignments that demonstrate competency in teaching; professional dispositions at the expected level; and cumulative grade point average (GPA) of 2.75 or higher, at the end of the student teaching semester. Note: Student teaching is a demanding and continuously assessed experience of fully engaged, unpaid teaching in P-12 schools. Candidates may not be employed during the hours of student teaching, which often surpass the students' school day due to before- and after-school planning and meetings. Students are encouraged to think and plan ahead financially and logistically for their full-time semester of student teaching.

The University's liberal study requirements strengthen all baccalaureate programs within the College and are compatible with the accreditation requirements of the Council for Accreditation of Educator Preparation (CAEP), the Kentucky Education Professional Standards Board (EPSB), the National Association of Schools of Public Policy, Affairs and Administration (NASPAA), and the Council on Social Work Education (CSWE).

Bachelor of Arts in Elementary Education
120 credit hours

Term 1 (Fall)	Hours
ENG 101	4
KSU 118	3
Arts and Humanities	3
COM 103	3
Social Science	3
Total	**16**
Term 2 (Spring)	**Hours**
ENG 102	3
KSU 186	3
MATH 115 or Higher	3
Science	3
Social Science	3
Total	**15**
Term 3 (Fall)	**Hours**
EDU 202	3
EDU 203	3
Arts and Humanities	3
Free Elective	3
Free Elective	3
Total	**15**
Term 4 (Spring)	**Hours**
EDU 302	3
EDU 304	3
EDU 310	3
Arts and Humanities	3
Guided Elective	4
Total	**16**

Term 5 (Fall)	Hours
ENG 285	3
FNU 203	2
MATH 203	4
CDF 206	3
Free Elective	3
Total	**15**
Term 6 (Spring)	**Hours**
EDU 423	3
EDU 430	3
EDU 407	3
MAT 204	4
ENG 260	3
Total	**16**
Term 7 (Fall)	**Hours**
EDU 320	3
EDU 405	3
EDU 303	3
HIS 201	3
PHS 202	3
Total	**15**
Term 8 (Spring)	**Hours**
EDU 454	12
Total	**12**

Bachelor of Arts in Social Sciences
Social Studies Education Track
121 credit hours

Term 1 (Fall)	Hours
ENG 101	4
KSU 118	3
Arts and Humanities	3
COM103	3
Social Science	3
Total	**16**
Term 2 (Spring)	**Hours**
ENG 102	3
KSU 186	3
MATH 111 or Higher	3
Science	3
Social Science	3
Total	**15**
Term 3 (Fall)	**Hours**
EDU 202	3
EDU 203	3
Arts and Humanities	3

Term 5 (Fall)	Hours
EDU 303	3
EDU 414	3
HIS 101	3
HIS 201	3
SOC 304	3
Total	**15**
Term 6 (Spring)	**Hours**
EDU 430	3
HIS 102	3
HIS 202	3
SOC 499	3
PSY 200	3
HIS 350	3
Total	**18**
Term 7 (Fall)	**Hours**
EDU 445	3
HIS 201	3
GEO 102	3

Free Elective	3
Free Elective	3
Total	**15**

Term 4 (Spring)	**Hours**
EDU 302	3
EDU 304	3
EDU 310	3
Arts and Humanities	3
Free Elective	3
Total	**15**

ECO 200	3
Elective	3
Total	**15**

Term 8 (Spring)	**Hours**
EDU 454	12
Total	**12**

Bachelor of Science in Biology
Education Track
123 credit hours

Term 1 (Fall)	**Hours**
BIO 111 Principles of Biology	4
MAT 120 Precalculus	4
CHE 101 General Chemistry I	3
CHE 110 General Chemistry I Laboratory	1
ENG 101 English Composition I	4
KSU 118 Intro to University Learning	3
Total	**19**

Term 2 (Spring)	**Hours**
BIO 210 General Zoology	3
CHE 102 General Chemistry II	3
CHE 120 General Chemistry II Lab	1
ENG 102 English Composition II	3
COM 103 Interpersonal Communication	3
KSU 186 Navigating the Tech. World	3
Total	**16**

Term 3 (Fall)	**Hours**
BIO 212 General Botany	3
EDU 202 Found of Teaching & Ed	3
EDU 203 Intro to Tech in Teaching	3
PHY 207 Physics in Biological Sci I	4
EDU 204 Cultural Responsiveness	3
Total	**16**

Term 4 (Spring)	**Hours**
BIO 302 General Microbiology	4
EDU 302 Child & Adolescent Dev	3
EDU 310 Intro Exceptional Edu	3
PHY 208 Physics in Biol Sci II	4
Social/Behavioral Science Req	3
Total	**17**

Term 5 (Spring)	**Hours**
BIO 316 Ecology	4
BIO 307 Genetics	4
Arts & Humanities Requirement	3
EDU 303 Edu Assess & Eval	3
Total	**14**

Term 6 (Spring)	**Hours**
BIO 303 Human Physiology	4
BIO 410 Special Problems in Biology	2
EDU 304 Classrm & Learn Man	3
Social/Behavioral Science Req	3
Arts & Humanities Requirement	3
Total	**15**

Term 7 (Fall)	**Hours**
BIO 408 Cell Biology	4
BIO 401 Biology Seminar	1
EDU 413 Teach HS Science	3
EDU 445 Teach HS Read in Content	3
300/400 Biology Elective	3
Total	**14**

Term 8 (Spring)	**Hours**
EDU 454 Undergrad Stud Teach	12
Total	**12**

Bachelor of Science in Mathematics
Education Track
121 credit hours

Term 1 (Fall)	**Hours**
ENG 101	4
KSU 118	3

Term 5 (Fall)	**Hours**
EDU 303	3
EDU 445	3

Arts and Humanities	3
COM 103	3
Social Science	3
Total	**16**

Term 2 (Spring)	**Hours**
ENG 102	3
KSU 186	3
MATH 131	5
Social Science	3
Elective	3
Total	**17**

Term 3 (Fall)	**Hours**
EDU 202	3
EDU 203	3
Arts and Humanities	3
PHY 211	5
Free Elective	3
Total	**17**

Term 4 (Spring)	**Hours**
EDU 302	3
EDU 304	3
EDU 310	3
Arts and Humanities	3
Free Elective	4
Total	**16**

MATH 132	5
MATH 231	3
Total	**15**

Term 6 (Spring)	**Hours**
EDU 430	3
MATH 307	3
COS 108	4
COS 310	3
Total	**13**

Term 7 (Fall)	**Hours**
EDU 411	3
MATH 300	3
MATH 312	3
MATH 401	3
MATH 326	3
Total	**15**

Term 8 (Spring)	**Hours**
EDU 454	12
Total	**12**

Bachelor of Arts in English
Education Track
120 credit hours

Term 1 (Fall)	**Hours**
ENG 101	4
KSU 118	3
Arts and Humanities	3
COM 103	3
Social Science	3
Total	**16**

Term 2 (Spring)	**Hours**
ENG 102	3
KSU 186	3
MATH 111 or Higher	3
Science	3
Social Science	3
Total	**15**

Term 3 (Fall)	**Hours**
EDU 202	3
EDU 203	3
Arts and Humanities	3
ENG 214	3
ENG 211	3
Total	**15**

Term 4 (Spring)	**Hours**
EDU 302	3
EDU 304	3
EDU 310	3

Term 5 (Fall)	**Hours**
ENG 324	3
EDU 445	3
ENG 285	3
ENG 322	3
ENG 313	3
Total	**15**

Term 6 (Spring)	**Hours**
EDU 430	3
ENG 325	3
ENG 409	3
ENG 433	3
ENG 323	3
Total	**15**

Term 7 (Fall)	**Hours**
EDU 410	3
ENG 413	3
ENG 411	3
EDU 303	3
ENG 390	3
Total	**15**

Term 8 (Spring)	**Hours**
EDU 454	12

Arts and Humanities	3
Guided Elective	2
Guided Elective	3
Total	**17**

Total	**12**

Bachelor of Arts in Interdisciplinary Early Childhood Education (IECE)
120 credit hours

Term 1 (Fall)	Hours
ENG 101	4
KSU 118	3
Arts and Humanities	3
COM 103	3
Social Science	3
Total	**16**
Term 2 (Spring)	**Hours**
ENG 102	3
KSU 186	3
MATH 111 or Higher	3
Science	3
Social Science	3
Total	**15**
Term 3 (Fall)	**Hours**
EDU 202	3
EDU 203	3
Arts and Humanities	3
Free Elective	3
Free Elective	3
Total	**15**
Term 4 (Spring)	**Hours**
EDU 310	3
Arts and Humanities	3
Free Elective	3
ENG 260	3
CDF 101	3
Total	**15**

Term 5 (Fall)	Hours
EDU 311	3
EDU 404	3
CDF 203	3
CDF 206	3
SOW 497	3
Total	**15**
Term 6 (Spring)	**Hours**
EDU 316	3
CDF 102	3
CDF204	3
CDF 315	3
CDF 318	3
CDF 409	3
Total	**18**
Term 7 (Fall)	**Hours**
CDF 305	3
CDF 420	3
CDF 421	3
FNU 203	2
EDU 318	3
Total	**14**
Term 8 (Spring)	**Hours**
EDU 454	12
Total	**12**

Bachelor of Arts in Physical Education (non-teaching)
Exercise Science Track
122 credit hours

Term 1 (Fall)	Hours
ENG 101	4
KSU 118	3
Arts and Humanities	3
SPE 103	3
Social Science	3
Total	**16**
Term 2 (Spring)	**Hours**
ENG 102	3
KSU 186	3
MATH 111 or Higher	3
Science	3

Term 5 (Fall)	Hours
PHE 331	4
PHE 324	3
HED 221	2
PHE 333	3
Elective	3
HED 107	1
Total	**16**
Term 6 (Spring)	**Hours**
PHE 320	3
PHE 332	3
HED 222	2
PHE 330	4

Social Science	3
Total	**15**

Elective	3
Total	**15**

Term 3 (Fall)	**Hours**
PHE 323	3
PHE 301	3
PHE 215	2
Foreign Language/Humanities	3
PHE 218	1
BIO 220	2
Total	**14**

Term 7 (Fall)	**Hours**
PHE 401	3
PHE 421	3
PHE 402	3
Free Elective	3
Free Elective	3
Total	**15**

Term 4 (Spring)	**Hours**
PHE 380	2
PHE 302	4
PHE 216	2
Foreign Language/Humanities	3
PHE 209	1
FNU 104	3
MUP	2
Total	**17**

Term 8 (Spring)	**Hours**
PHE 440	3
PHE 334	3
HED 300	3
Free Elective	3
Free Elective	2
Total	**14**

Bachelor of Arts in Physical Education (non-teaching)
Sports Management Track
120 credit hours

Term 1 (Fall)	**Hours**
ENG 101	4
KSU 118	3
Arts and Humanities	3
SPE 103	3
Foreign Language/Humanities	3
Total	**16**

Term 5 (Fall)	**Hours**
ACC 201	3
PHE 345	3
BUA 204 or ENG 216	3
PHE 333	3
PHE 340	3
Total	**15**

Term 2 (Spring)	**Hours**
ENG 102	3
KSU 186	3
MATH 111 or Higher	3
Science	3
Foreign Language/Humanities	3
Total	**15**

Term 6 (Spring)	**Hours**
ACC 202	3
PHE 389	3
PHE 370	3
PHE 371	3
Elective	3
Total	**15**

Term 3 (Fall)	**Hours**
PHE 323	3
Social Science: ECO 201	3
PHE 215	2
Social Science	3
HED 221	2
PHE 355	2
Total	**15**

Term 7 (Fall)	**Hours**
PHE 401	3
PHE 421	3
MKT 301	3
PHE 360	3
Elective	3
Total	**15**

Term 4 (Spring)	**Hours**
PHE 380	2
HED 222	2
PHE 216	2
HED 300	3
HED 107	1
ECO 202	3
PHE 320	3
Total	**16**

Term 8 (Spring)	**Hours**
PHE 440	3
PHE 402	3
MGT 301	3
PHE 371	3
Elective	1
Total	**13**

Bachelor of Science in Physical Education (teaching)
120 credit hours

Term 1 (Fall)	Hours
ENG 101	4
KSU 118	3
Arts and Humanities	3
SPE 103	3
Social Science	3
Total	**16**

Term 2 (Spring)	Hours
ENG 102	3
KSU 186	3
MATH 111 or Higher	3
Science	3
Social Science	3
Total	**15**

Term 3 (Fall)	Hours
PHE 325	3
PHE 301	3
PHE 215	2
EDU 202	3
PHE 218	1
EDU 204	3
Total	**15**

Term 4 (Spring)	Hours
EDU 302	3
EDU 203	3
PHE 216	2
Humanities II	3
PHE 209	1
PHE 302	4
Total	**16**

Term 5 (Fall)	Hours
FNU 104	3
PHE 324	3
HED 221	2
PHE 333	3
EDU 304	3
HED 107	1
Total	**15**

Term 6 (Spring)	Hours
PHE 320	3
PHE 332	3
HED 222	2
PHE 330	4
HED 300	3
Total	**15**

Term 7 (Fall)	Hours
PHE 401	3
PHE 421	3
PHE 331	4
EDU 422	3
EDU 445	3
Total	**16**

Term 8 (Spring)	Hours
EDU 454	12
Total	**12**

Bachelor of Arts in Child Development and Family Relations
120 credit hours

Term 1 (Fall)	Hours
ENG 101	4
KSU 118	3
Arts and Humanities	3
COM 103	3
Social Science	3
Total	**16**

Term 2 (Spring)	Hours
ENG 102	3
KSU 186	3
MATH 111 or Higher	3
Science	3
Social Science	3
Total	**15**

Term 3 (Fall)	Hours
Arts and Humanities	3

Term 5 (Fall)	Hours
HED 321	3
CDF 203	3
CDF 206	3
SOW 497	3
Guided Elective	3
Total	**15**

Term 6 (Spring)	Hours
HED 305	3
CDF 102	3
CDF 204	3
CDF 315	3
CDF 318	3
CDF 409	3
Total	**18**

Term 7 (Fall)	Hours
CDF 305	3

CJE 220	3
Guided Elective	3
Guided Elective	3
Total	**15**

Term 4 (Spring)	**Hours**
EDU 310	3
Arts and Humanities	3
Electives	3
ENG 260	3
CDF 101	3
Total	**15**

CDF 420	3
CDF 421	3
FNU 203	2
CDF 407	3
Guided Elective	3
Total	**17**

Term 8 (Spring)	**Hours**
CDF 408	3
Guided Elective	3
SOW 201	3
SOW 308	3
Total	**12**

Minor

Child Development and Family Relations 18 credits

A minor in Child Development and Family Relations requires a student to complete 18 semester hours, including CDF 102, 203, 204, and 315 and 6 credit hours selected from CDF 420, PSY 400, PSY 404, SOC 304, SOC 305, or SOW 308.

Undergraduate Certificates

Family and Consumer Sciences 12 credits

This certificate in Family and Consumer Sciences (FCS) will enable AFE majors, as well as those majoring in Business, Behavioral and Social Sciences, and Education to obtain a certificate in another course of study to assist with student career readiness and placement. Students will learn key consumer topics that relate to family functioning including: food preparation, consumer education, financial management, housing, home environments, and lifespan development. The FCS certificate will require 4 classes totaling 12 credit hours of course work. They range in content areas of Food Preparation, Consumer Economics and Resource Management, Housing and Home Environment, and Theories and Methods in Developmental Psychology focusing on human development throughout the lifespan. Specific courses include: FCS 305 Principles of Food Preparation, FCS 303 Consumer Economics and Resource Management, FCS 304 Housing and Home Environment PSY 223 Theories and Methods in Developmental Psychology.

Certificate in Family and Consumer Sciences Credit hours required: 12	
Courses Required	**Credit Hours**
FCS 303 Consumer Economics and Resource MGT	3
FCS 304 Housing and Home Environment	3
FCS 305 Principles of Food Preparation	3
PSY 303 Theories and Methods in Developmental Psychology	3

Elements of Fashion and Home Décor 12 credits

Students in the Elements of Fashion and Home Decor certificate will survey an integrated, interdisciplinary approach to the study of design including fashion, interior decor, home environments, housing, and related consumer concerns. The courses will address: Design Elements and Principles for the Consumer including application of the arts and appreciation for the aesthetics of design; Apparel Construction and Analysis which incorporates garment construction, fundamentals of fashion apparel production, emphasis on consumer quality, and elements of design; Housing and Home Environment which includes exploration of design and changing technology in interior environments; human behavior, aesthetic concerns, and analysis of housing trends and alternatives; and finally Consumer Economics and Resource Management will explore financial management, consumer economics, resource management, consumer protection, energy, environmental concerns, and related matters. The certificate will require 4 classes totaling 12 credit hours of course work. Courses will include: FCS 201 Design Elements and Principles for the Consumer, FCS 202 Apparel Construction and Analysis, FCS 303 Consumer Economics and Resource Management, and FCS 304 Housing and Home Environment. This certificate program will complement the AFE and other degree offerings at KSU. It can provide an interim degree for those pursuing AFE, art, business, education and behavioral and social sciences degrees. Interim degrees have been shown to positively impact retention and graduation rates.

Certificate in Elements of Fashion and Home Décor Credit hours required: 12	
Courses Required	**Credit Hours**
FCS 201 Design Elements and Principles for the Consumer	3
FCS 202 Apparel Construction and Analysis	3
FCS 303 Consumer Economics and Resource MGT	3
FCS 304 Housing and Home Environment	3

School of Nursing

Undergraduate Degrees: A.A.S.; B.S.N.
Graduate Degree: D.N.P.

Contact Information:
400 East Main Street, Frankfort, Kentucky, 40601
Phone: (502) 597-5957
E-mail: schoolofnursing@kysu.edu

The School of Nursing is an integral part of the Kentucky State University campus. Faculty and students participate fully in University life and contribute their time, interests, and abilities to the many general and special activities of the University, College and School. The School of Nursing offers programs of study leading to the Associate in Applied Science (A.A.S.), the Bachelor of Science (B.S.N.), and the Doctor of Nursing Practice (D.N.P).

Accreditation and Program Approval

The A.A.S., B.S.N., and D.N.P. programs are accredited by the Accreditation Commission for Education in Nursing (ACEN). *The* Associate and *Doctoral* programs have full approval status by the *Commonwealth of Kentucky Board of Nursing* (KBN). The Baccalaureate program's pre-licensure option is granted developmental approval status by the KBN.

Graduates of the A.A.S. and B.S.N. program prelicensure options are prepared to take the National Council Licensure Examination (NCLEX-RN©) required for practice as registered nurses. Graduates of the D.N.P. program are eligible to take certification examinations and apply for Advanced Practice Registered Nurse (APRN) licensure.

Undergraduate Study in Nursing

ASSOCIATE OF APPLIED SCIENCE IN NURSING (A.A.S.)

The A.A.S. is a prelicensure program for students who do not hold a registered nurse license. The A.A.S. program prepares students to provide nursing care to individuals, families, groups, and communities. The program also provides a foundation for further study in nursing.

The A.A.S. program offers a traditional two-year plan of study. The plan requires the completion of 75 semester hours of study to fulfill the A.A.S. degree requirements. The liberal arts and general supporting course components focus on the development of critical skills in English composition and mathematics, as well as the acquisition of basic knowledge in the biological, and behavioral sciences. The nursing component of the plan of study focuses on the application of nursing concepts in clinical practice.

Students interested in applying for admission to the A.A.S. program may fulfill the degree requirements for the entire program at Kentucky State University through course offerings in the various Colleges. A student may also transfer courses from an institution that offers comparable prerequisite or non-major courses that are approved by Kentucky State University and the School of Nursing.

All students must satisfactorily complete the minimum semester credit hours delineated in the A.A.S. plan of study, as well as any other requirements established by the School of Nursing, to qualify for degree candidacy. Students must also meet established grade requirements in all major courses for progression in the program. Information on admission, retention, progression, dismissal, or readmission can be found in the A.A.S. Student Handbook on the School of Nursing website. The School of Nursing is responsible for all components of the A.A.S. program, including but not limited to, the selection, supervision, and evaluation of nursing students, and the curriculum. As such, the School of Nursing reserves the right to modify any academic provisions or academic requirements when such action will serve the interest of the client/patient, the nursing program, or its students.

Academic Advising

Kentucky State University students who have declared an interest in the A.A.S. program and transfer students who are offered admission into the A.A.S. program shall be assigned a Nursing faculty advisor who will assist with course and career planning. Mandatory advising is required each academic year as outlined in the A.A.S. Student Handbook.

Applicants with Foreign Education

Applicants to the A.A.S. program whose first language is not English must score at least 550 (paper) or 80 (Internet-based) on the Test of English as a Foreign Language (TOEFL). Registered nurses educated outside of the United States are required to present verification of having passed the Commission on Graduates of Foreign Nursing Schools (CGFNS) examination. In addition, liberal arts and general studies credits earned at institutions of higher learning outside of the U.S. must be evaluated by the World Education Service (WES), Educational Credential Evaluators (ECE), or International Academic Credential Evaluators (IACEI) for determination of transferability prior to submitting an application for admission to the A.A.S. program.

Admission Requirements

Minimally, the following criteria must be met for admissions consideration:

- Admission to Kentucky State University.
- Official transcripts from all schools attended.
- Overall GPA of at least 2.8 on a 4.0 scale for all college coursework attempted; and a GPA of at least and a grade of C or better for all prerequisite courses.
- Official report of Assessment Technologies Institute Test of Essentials Academic Skills (ATI TEAS).
- Letter of academic standing on official letterhead from any nursing program in which the prospective nursing student was previously enrolled.
- Science courses less than five (5) years old.
- Completed School of Nursing application.

Applications to the A.A.S. program are accepted for fall admission only. Applications are processed through Nursing CAS, the centralized application service for nursing. All application materials must be received before the May 1st deadline of the year the student desires to enter the A.A.S. program. Applications are not transferrable from year to year. Interested students must reapply annually, by the May 1st submission deadline, for fall admission consideration. Visit www.nursingcas.org to start your application or log into an existing account.

Competitive Selection

A student must earn competitive admission to the School of Nursing once prerequisite course work is complete. Applications are ranked according to qualifiers including GPA and deficits. Deficits are pre-requisite courses which are not completed prior to application submission. Due to the competitive nature of the admissions process, deficits can significantly impact one's chances for admission to the nursing major.

Please note that meeting the minimum requirements for admissions consideration does not guarantee admission. Each application is holistically reviewed by faculty who recommend to the administrative corpus the student applicants who appear to be best qualified. A personal interview may be required.

Admission may be offered conditionally based on overall ranking and pending completion of all requirements. Applicants shall be notified in writing of the admissions decision. Visit the School of Nursing website or contact the School of Nursing for more details on admission criteria.

Alcohol and Controlled Substances

The use of alcohol and illegal use of controlled substances, including alcohol, can seriously injure the health of students, impair their performance of their responsibilities, and endanger the safety and well- being of fellow students and members of the general public. Students who are engaged in clinical work at a practicum site may be required to submit to random tests for illegal use of controlled substances as provided by the law or regulations of the contracting agency. Just cause for student disciplinary action includes, but is not limited to, use or unauthorized possession of intoxicants, controlled or illegal substances, or materials dangerous to public health and safety. It is not acceptable to use alcohol or illegal drugs prior to or during class or clinical. Immediate disciplinary action will be taken. Recognizing that substance abuse is a professional hazard, in addition to the Kentucky State University Substance Abuse, Alcohol and Drug Policies, the School of Nursing, has established a substance abuse and drug/alcohol testing policy. This policy applies to all students who have matriculated in the School of Nursing.

Background Check and Drug Testing

Participation in clinical experiences, rotations or fieldwork is a required part of the curriculum and a requirement for graduation. All students will be required to have a background screening and drug test upon admission. If the results of either requirement indicate that the student would not be eligible for placement at the school's practicum agencies, the student's admission will be rescinded. Students may be required to repeat either requirement (i.e., background screening and/or drug testing) should the practicum agency require more frequent monitoring. If at any time during the period of enrollment, the student's background screen or drug test results preclude placement in a practicum agency, the student will be required to withdraw from the program. At the time of application for licensure, students will be required to submit to fingerprinting and criminal background check as a component of the Kentucky Board of Nursing licensure application process.

Technical Standards

Applicants to the School of Nursing are expected to be capable of completing the entire nursing curriculum and of earning an A.A.S. degree. Nursing is a practice discipline with cognitive, sensory, affective, and psychomotor performance requirements. The school's technical standards provide an objective measure on which to base informed decisions about whether individual students will be able to participate in the nursing program. Technical standards also help students determine whether they will need accommodations or modifications in order to participate. Exemplars of technical standards can be found in the A.A.S. Student Handbook available on the School of Nursing webpage. Students with disabilities who believe that they may need assistance in meeting the core performance standards should contact the Kentucky State University Office of Disability Resource Services.

Expenses

Nursing students are charged the same tuition rate and general fees as students enrolled in other University programs. However, students accepted into the nursing major incur additional expenses related to clinical uniform requirements, summative and formative testing, official ceremonial regalia, association membership, and practicum equipment and materials.

Retention, Progression, & Dismissal

Governing policies including policy on admission, retention, progression, dismissal and readmission for the School of Nursing A.A.S. program can be found online in the A.A. S. Student Handbook on the School of Nursing webpage.

Associate of Applied Science in Nursing

75 credit hours

Term 1 (Fall)	Hours
ALH 205 Dimensional Analysis	1
BIO 107 Anatomy & Physiology I	4
ENG 101 English Composition I	3
MAT 115 College Algebra	3
Total	**11**

Term 2 (Spring)	Hours
ALH 210 Terminology for Healthcare	2
CHE 209 General, Organic & Biochemistry	4
PSY 200 General Psychology	3
Total	**9**

Term 3 (Fall)	Hours
BIO 108 Anatomy and Physiology II	4
NUR 100A Basic Pharmacotherapeutics	2
NUR 104A Health Assessment	3
NUR 105A Introduction to Nursing Practicum	3
NUR 105AP Introduction to Nursing Practicum	1
Total	**13**

Term 4 (Spring)	Hours
BIO 204 Fundamentals of Microbiology	3
NUR 114A Adult Health I	4
NUR 114AP Adult Health I Practicum	3
NUR 115A Behavioral Health	3
NUR 115AP Behavioral Health Practicum	2
Total	**15**

Term 5 (Fall)	Hours
PSY 223 / 303 Developmental Psychology	3
NUR 204A Maternal Newborn Health	3
NUR 204AP Maternal Newborn Health Practicum	2
NUR 205A Pediatric Health	3
NUR 205AP Pediatric Health Practicum	2
Total	**13**

Term 6 (Spring)	Hours
NUR 214 A Adult Health 2	4
NUR 214AP Adult Health 2 Integrative Practicum	3
NUR 215A Synthesis Concepts	2
NUR 216A Professionalism in Nursing	2
Art 130, Music 130, Theatre 130, or ENG 211	3
Total	**14**

*Course credit may be earned through testing.
ART 130, MUS 130, THE 130, ENG 211

BACHELOR OF SCIENCE IN NURSING (B.S.N.)

The School of Nursing offers two (2) path options to the Bachelor of Science in Nursing (B.S.N.): a pre-licensure option for students who do not hold a nursing license and an option for registered nurses. The B.S.N. program prepares students for careers as professional nurses caring for patients in hospitals and in community agencies such as public health services, schools, homes, and industries. In addition to providing comprehensive, efficient, and appropriate care service to individuals, families, groups, and communities, the program provides a basis for the nurses' role as advocate, innovator, and collaborative leader. The program also provides a foundation for graduate study in nursing.

Pre-licensure Option

The pre-licensure option is a traditional four-year plan of study that prepares the student to write the licensure examination for registered nurses (NCLEX-RN®) and subsequently enter the workforce as a professional registered nurse. The B.S.N. pre-licensure option requires 122 semester hours of study and, is intended for students beginning their education in nursing. The B.S.N. pre-licensure curriculum is organized in a sequential, simple-to-complex approach designed to facilitate an understanding of the key principles, concepts and processes critical to safe, effective practice and successful matriculation. Therefore, students are required to complete the course work as outlined in the plan of study. The B.S.N. pre-licensure plan of study provides a semester-by-semester conceptualization of the required coursework involved.

Students interested in applying for admission to the B.S.N. program may fulfill the degree requirements for the entire program at Kentucky State University through course offerings in the various Colleges. A student may also transfer courses from an institution that offers comparable prerequisite or non-major courses that are approved by Kentucky State University and the School of Nursing.

All students must satisfactorily complete the minimum semester credit hours delineated in the B.S.N. pre- licensure plan of study, as well as any other requirements established by the School of Nursing and Health Sciences, to qualify for degree candidacy. Students must also meet established School of Nursing grade requirements in all major courses for academic progression in the program. Information on admission, retention, progression, dismissal, or readmission can be found in the B.S.N. Student Handbook on the School of Nursing website. The School of Nursing is responsible for all components of the B.S.N. program pre-licensure option, including but not limited to, the selection, supervision, and evaluation of nursing students, and the curriculum. As such, The School of Nursing reserves the right to modify any academic provisions or academic requirements when such action will serve the interest of the client/patient, the nursing program, or its students.

Academic Advising

Kentucky State University students who have declared an interest in the B.S.N. program and transfer students who are offered admission into the B.S.N. program shall be assigned a nursing faculty advisor who will assist with course and career planning. Mandatory advising is required each academic year as outlined in the B.S.N. Student Handbook.

Applicants with Foreign Education

Applicants to the B.S.N. program pre-licensure option whose first language is not English must score at least 550 (paper) or 80 (Internet-based) on the Test of English as a Foreign Language (TOEFL). Registered nurses educated outside of the United States are required to present verification of having passed the Commission on Graduates of Foreign Nursing Schools (CGFNS) examination. In addition, liberal arts and general studies credits earned at institutions of higher learning outside of the U.S. must be evaluated by the World Education Service (WES), Educational Credential Evaluators (ECE), or International Academic Credential Evaluators (IACEI) for determination of transferability prior to submitting an application for admission to the B.S.N. program.

Admissions

Applicants to the B.S.N. programs whose first language is not English must score at least 550 (paper) or 80 (Internet-based) on the Test of English as a Foreign Language (TOEFL). Registered nurses educated outside the United States are required to present verification of having passed the Commission on Graduates of Foreign Nursing Schools (CGFNS) examination. Liberal-general studies credits earned at institutions of higher learning outside of the U.S. must be evaluated to determine transferability prior to submitting an application for admission to the RN-BSN program

Admission Requirements

Minimally, the following criteria must be met for pre-licensure (B.S.N.) admissions consideration:

- Admission to Kentucky State University.
- Official transcripts from all schools attended.
- Overall GPA of at least 2.8 on a 4.0 scale for all college coursework attempted including a GPA of at least 2.8 and a grade of C or better for all required pre-professional courses.
- Official report of Assessment Technologies Institute Test of Essentials Academic Skills (ATI TEAS).
- Letter of academic standing on official letterhead from any nursing program in which a student was previously enrolled.
- Personal essay.
- Completed School of Nursing application.

Applications to the School of Nursing are processed through NursingCAS, the centralized application service for nursing. Students are admitted in the fall only for the pre-licensure option. The application deadline for fall admission consideration is May 1st. All application materials must be received before the deadline established for the year the student desires to enter the B.S.N. prelicensure option. Applications are not transferrable from year to year. Applicants must reapply annually, by the submission deadline, for fall admission consideration. Visit www.nursingcas.org to start your application or log into an existing account.

Competitive Selection

A student must earn competitive admission to the School of Nursing once prerequisite course work is complete. Applications are ranked according to qualifiers including GPA and deficits. Deficits are pre-requisite courses which are not completed prior to application submission. Due to the competitive nature of the admissions process, deficits can significantly impact one's chances for admission to the nursing major.

Please note that meeting the minimum requirements for admissions consideration does not guarantee admission. Each application is holistically reviewed by faculty who recommend to the administrative corpus the student applicants who appear to be best qualified. A personal interview may be required. Admission may be offered conditionally based on overall ranking and pending completion of all requirements. Applicants shall be notified in writing of the admissions decision. Visit the School of Nursing website or contact the School of Nursing for more details on admission criteria.

Alcohol and Controlled Substances

The use of alcohol and illegal use of controlled substances, including alcohol, can seriously injure the health of students, impair their performance of their responsibilities, and endanger the safety and well- being of fellow students and members of the general public. Students who are engaged in clinical work at a practicum site may be required to submit to random tests for illegal use of controlled substances as provided by the law or regulations of the contracting agency. Just cause for student disciplinary action includes, but is not limited to, use or unauthorized possession of intoxicants, controlled or illegal substances, or materials dangerous to public health and safety. It is not acceptable to use alcohol or illegal drugs prior to or during class or clinical. Immediate disciplinary action will be taken. Recognizing that substance abuse is a professional hazard, in addition to the Kentucky State University Substance Abuse, Alcohol and Drug Policies, the School of Nursing, has established a substance abuse and drug/alcohol testing policy. This policy applies to all students who have matriculated in the School of Nursing.

Background Check and Drug Testing

Participation in clinical experiences, rotations or fieldwork is a required part of the curriculum and a requirement for graduation. All students will be required to have a background screening and drug test upon admission. If the results of either requirement indicate that the student would not be eligible for placement at the school's practicum agencies, the student's admission will be rescinded. Students may be required to repeat either requirement (i.e., background screening and/or drug testing) should the practicum agency require more frequent monitoring. If at any time during the period of enrollment, the student's background screen or drug test results preclude placement in a practicum agency, the student will be required to withdraw from the program. At the time of application for licensure, students will be required to submit to fingerprinting and criminal background check as a component of the Kentucky Board of Nursing licensure application process.

Technical Standards

Applicants to the School of Nursing are expected to be capable of completing the entire nursing curriculum and of earning a B.S.N. degree. Nursing is a practice discipline with cognitive, sensory, affective, and psychomotor performance requirements. The school's technical standards provide an objective measure on which to base informed decisions about whether individual students will be able to participate in the nursing program. Technical standards also help students determine whether they will need accommodations or modifications in order to participate. Exemplars of technical standards can be found in the B.S.N. Student Handbook available on the School of Nursing webpage. Students with disabilities who believe that they may need assistance in meeting the core performance standards should contact the Kentucky State University Office of Disability Resource Services.

Expenses

Nursing students are charged the same tuition rate and general fees as students enrolled in other University programs. However, students accepted into the nursing major incur additional expenses related to clinical uniform requirements, summative and formative testing, official ceremonial regalia, association membership, and practicum equipment and materials.

Retention, Progression, & Dismissal

Governing policies including policy on admission, retention, progression, dismissal and readmission for the School of Nursing B.S.N. program can be found online in the B.S.N. Student Handbook on the School of Nursing webpage.

Bachelor of Science in Nursing Pre-Licensure BSN
122 credit hours

Term 1 (Fall)	Hours
BIO 107 Anatomy and Physiology I	4
ENG 101 English Composition I	3
KSU 118 Intro to University Learning	3
MAT 115 College Algebra	3
PSY 200 General Psychology	3
COM 103 Interpersonal Communications	3
Total	**19**

Term 2 (Spring)	Hours
BIO 108 Anatomy and Physiology II	4
ENG 102 English Composition II	3
FNU 104 Basic Nutrition	3
KSU 186 Navigating the Tech World	3
Total	**16**

Term 3 (Fall)	Hours
ALH 205 Dimensional Analysis Pharm Calc.	1
BSS 300 Statistics for Behavioral & Social Sciences	3
CHE 209 Survey General, Organic, & Biochemistry	4
SOC 203 Principles Sociology	3
Foreign Language I	3
Total	**14**

Term 4 (Spring)	Hours
ALH 210 Medical Terminology Health Prof.	1
BIO 204 Fundamentals Microbiology	4
NUR 200B Intro to Genetics Molecular Therapeutics	3
NUR 205B Pharmacological Concepts in Nursing	3
PSY 223 / 303 Human Development	3
Foreign Language II	3
Total	**17**

Term 5 (Fall)	Hours
NUR 325B Intro to Nursing Informatics	3
NUR 330B Health & Com Across the Lifespan	4
NUR 340B Nur of Adult w Chronic Disorders	5
NUR 340BP Nur of Adults w Chronic Disorders Practicum	3
NUR 341B Professional Role 1 Prof and Safety	2
Total	**17**

Term 6 (Spring)	Hours
NUR 345B Nur Care in Behavioral Health	3
NUR 345BP Nur Care in Behavioral Health Practicum	2
NUR 405B Nur Care of Women, Kids, & Fam	3
NUR 405BP Nur Care of Women, Kids, & Fam Practicum	2
NUR 421B Professional Role 2: Improve Health Systems	2
Total	**12**

Term 7 (Fall)	Hours
NUR 440B Nur Care of Adults w Disorders	5
NUR 440BP Nur Care of Adults w/ Disorders Practicum	3
NUR 450B Nur Care of Older Adults	2
NUR 450BP Nur Care of Older Adults Practicum	2
NUR 451B Professional Role 3: Nursing Research	2
Total	**14**

Term 8 (Spring)	Hours
NUR 460B Community and Public Health Nursing	3
NUR 461B Professional Role 4: Leader & Engagement	2
NUR 462B Intensive Review and Assessment	2
NUR 465BP Professional Role Internship	3
Free Elective	3
Total	**13**

Post-licensure Option (RN-B.S.N.)

The RN-B.S.N. option is designed to offer registered nurses the opportunity to build on their nursing knowledge and experience by earning a Bachelor of Science in Nursing. Students in the RN-B.S.N. option take courses that focus on professionalism and patient safety, research, improvement of health systems, leadership, information technology, and community and public health. The RN-B.S.N. option allows registered nurses to earn a B.S.N. degree via flexible online education that is delivered primarily asynchronously with limited synchronous face-to-face assemblies for the gerontology and public health practicum experiences as well as the capstone seminar.

The RN-B.S.N. program option requires 31 semester hours of major study. The prospective RN-B.S.N. student must hold an active, unencumbered registered nursing license in their state of residence and have been conferred an Associate Degree or Diploma in Nursing from a nationally accredited nursing program. Prospective students must complete the prerequisite course work before beginning work
required for the major in nursing. The RN-B.S.N. plan of study provides a semester-by-semester conceptualization of the required coursework involved.

Students interested in applying for admission to the RN-B.S.N. option may fulfill the degree requirements for the entire program at Kentucky State University through course offerings in the various Colleges. A student may also transfer courses from an institution that offers comparable prerequisite or non-major courses that are approved by Kentucky State University and the School of Nursing. Once a student is admitted to the RN-B.S.N. option major, the student must complete all degree requirements within five (5) years from admission into the major.

All students must satisfactorily complete the minimum semester credit hours delineated in the B.S.N. pre- licensure plan of study, as well as any other requirements established by the School of Nursing, to qualify for degree candidacy. Students must also meet established School of Nursing grade requirements in all major courses for academic progression in the program. Information on admission, retention, progression, dismissal, or readmission can be found in the B.S.N. Student Handbook on the School of Nursing website. The School of Nursing is responsible for all components of the B.S.N. program pre-licensure option, including but not limited to, the selection, supervision, and evaluation of nursing students, and the curriculum. As such, The School of Nursing reserves the right to modify any academic provisions or academic requirements when such action will serve the interest of the client/patient, the nursing program, or its students.

Academic Advising

Kentucky State University students who have declared an interest in the RN-B.S.N. option and transfer students who are offered admission into the B.S.N. program shall be assigned a nursing faculty advisor who will assist with course and career planning. Mandatory advising is required each academic year as outlined in the B.S.N. Student Handbook.

Applicants with Foreign Education

Applicants to the B.S.N. program pre-licensure option whose first language is not English must score at least 550 (paper) or 80 (Internet-based) on the Test of English as a Foreign Language (TOEFL). Registered nurses educated outside of the United States are required to present verification of having passed the Commission on Graduates of Foreign Nursing Schools (CGFNS) examination. In addition, liberal arts and general studies credits earned at institutions of higher learning outside of the U.S. must be evaluated by the World Education Service (WES), Educational Credential Evaluators (ECE), or International Academic Credential Evaluators (IACEI) for determination of transferability prior to submitting an application for admission to the B.S.N. program.

Admissions

Minimally, the following criteria must be met for RN-B.S.N. admissions consideration:

Admission to Kentucky State University.

- An earned diploma or associate degree in nursing from a nationally accredited nursing program.
- Official transcripts from all schools attended.
- Pre-requisite education courses completed and on the official transcript before beginning the nursing program at Kentucky State University.
- Overall GPA of at least 2.8 on a 4.0 scale on associate degree or diploma coursework.
- Verification of a current unencumbered license to practice nursing in the prospective student's state of residence prior to enrollment in the first major course.
- Personal essay.
- One academic reference and one professional reference.
- Completed School of Nursing application.

Applications to the School of Nursing are processed through Nursing CAS, the centralized application service for nursing. All application materials must be received before the deadline established for the year the student desires to enter the RN-B.S.N. option. Applications are not transferrable from year to year. Applicants must reapply annually, by the submission deadline, for admission consideration.

Students are admitted in the fall and spring for the RN-B.S.N. option. The application deadline for fall admission consideration is May 1st. Visit www.nursingcas.org to start your application or log into an existing account.

Competitive Selection

A student must earn competitive admission to the School of Nursing once prerequisite course work is complete. Applications are ranked according to qualifiers including GPA and deficits. Deficits are pre-requisite courses which are not completed prior to application submission. Due to the competitive nature of the admissions process, deficits can significantly impact one's chances for admission to the nursing major.

Please note that meeting the minimum requirements for admissions consideration does not guarantee admission. Each application is holistically reviewed by faculty who recommend to the administrative corpus the student applicants who appear to be best qualified. A personal interview may be required. Admission may be offered conditionally based on overall ranking and pending completion of all requirements. Applicants shall be notified in writing of the admissions decision. Visit the School of Nursing website or contact the School of Nursing for more details on admission criteria.

Alcohol and Controlled Substances

The use of alcohol and illegal use of controlled substances, including alcohol, can seriously injure the health of students, impair their performance of their responsibilities, and endanger the safety and well- being of fellow students and members of the general public. Students who are engaged in clinical work at a practicum site may be required to submit to random tests for illegal use of controlled substances as provided by the law or regulations of the contracting agency. Just cause for student disciplinary action includes, but is not limited to, use or unauthorized possession of intoxicants, controlled or illegal substances, or materials dangerous to public health and safety. It is not acceptable to use alcohol or illegal drugs prior to or during class or clinical. Immediate disciplinary action will be taken. Recognizing that substance abuse is a professional hazard, in addition to the Kentucky State University Substance Abuse, Alcohol and Drug Policies, the School of Nursing, has established a substance abuse and drug/alcohol testing policy. This policy applies to all students who have matriculated in the School of Nursing.

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Participation in clinical experiences, rotations or fieldwork is a required part of the curriculum and a requirement for graduation. All students will be required to have a background screening and drug test upon admission. If the results of either requirement indicate that the student would not be eligible for placement at the school's practicum agencies, the student's admission will be rescinded. Students may be required to repeat either requirement (i.e., background screening and/or drug testing) should the practicum agency require more frequent monitoring. If at any time during the period of enrollment, the student's background screen or drug test results preclude placement in a practicum agency, the student will be required to withdraw from the program. At the time of application for licensure, students will be required to submit to fingerprinting and criminal background check as a component of the Kentucky Board of Nursing licensure application process.

Technical Standards

Applicants to the School of Nursing are expected to be capable of completing the entire nursing curriculum and of earning a B.S.N. degree. Nursing is a practice discipline with cognitive, sensory, affective, and psychomotor performance requirements. The school's technical standards provide an objective measure on which to base informed decisions about whether individual students will be able to participate in the nursing program. Technical standards also help students determine whether they will need accommodations or modifications in order to participate. Exemplars of technical standards can be found in the B.S.N. Student Handbook available on the School of Nursing webpage. Students with disabilities who believe that they may need assistance in meeting the core performance standards should contact the Kentucky State University Office of Disability Resource Services.

Expenses

Nursing students are charged the same tuition rate and general fees as students enrolled in other University programs. However, students accepted into the nursing major incur additional expenses related to clinical uniform requirements, summative and formative testing, official ceremonial regalia, association membership, and practicum equipment and materials.

Retention, Progression, & Dismissal

Governing policies including policy on admission, retention, progression, dismissal and readmission for the School of Nursing B.S.N. program can be found online in the B.S.N. Student Handbook on the School of Nursing webpage.

Bachelor of Science in Nursing Post-Licensure BSN
120 hours*
*** Associate's degree in Nursing required for admission + RN to BSN prerequisites**

Term 1 (Fall)	Hours
NUR 321R Professional Role Transition	3
NUR 325R Public Health Nursing	3
NUR 325RP Public Health Nursing Practicum	1
NUR 322R Nursing Assessment	3
NUR 301R Info Management & Technology	3
NUR 302R Gerontological Nursing	2
Total	**15**

Term 2 (Spring)	Hours
NUR 415R Pathophysiology for Nurses	3
NUR 434R Nursing Leadership	3
NUR 434RP Nursing Leadership Practicum	1
NUR 417R Pharmacology for Nurses	3
NUR 432R Research and Evidence Based Practice	3
NUR 436R Senior Capstone Seminar	3
Total	**16**

Students must complete the RN- BSN program of study within a five (5) year period beginning with the first semester of admission.
*Both courses are required to be the same language. Two semesters of sign language may be acceptable.
Liberal-general studies credits earned at institutions of higher learning outside of the U.S. must be evaluated to determine transferability prior to submitting an application for admission to the RN-BSN program.
Courses held in two 8-week sessions.

SCHOOL OF SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

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 School of Science, Technology, Engineering, and Mathematics believes that an understanding of the sciences is an indispensable part of a sound education. Coursework in the School provides students with instruction that addresses fundamental issues in the broad range of scientific inquiry. The School 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 School undertake specialized study and research in their selected fields.

The School offers majors in Biology, Chemistry, Mathematics, and Computer Sciences.

NOTE: Students must complete all prerequisite courses in the School of Science, Technology, Engineering, and Mathematics with a grade of "C" or better before they may attempt the next course in a course sequence.

PRE-HEALTH AND ALLIED HEALTH CAREERS

The School of Science, Technology, Engineering, and Mathematics offers 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 School of Science, Technology, Engineering, and Mathematics or the Pre-health professions advisors. The following section of this Catalog describes allied health career requirements and provides other information relevant to these fields.

Many health careers require graduate degrees earned after completing a baccalaureate degree. The School offers coursework that prepares students for admission to graduate programs in several allied health fields. Requirements for some health-related graduate programs are described below:

Medicine

There are allopathic and osteopathic medical schools, and students should appreciate both tracks. To enter one of these schools, 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. In addition, pre-medicine students are advised to take Cell Biology, Biochemistry, Statistics, Psychology, and Sociology. Content from these additional courses appears on the entry exam for medical school (MCAT – Medical College Admission Test).

Pre-Health Professional academic advisors at Kentucky State University work closely with pre- medical students to ensure that they fulfill all of the requirements for admission to professional schools in a timely manner. Shadowing physicians, volunteer work and summer research work are highly valued for admission. Students will apply through a special website, AMCAS (American Medical College Admission Service) and/or AACOMAS (American Association of Colleges of Osteopathic Medicine Application Service), one year before they desire admission. Students who need more information about a pre-med track should consult the Pre-Health Professions advisors as early in their academic careers as possible.

Dentistry

To apply to dental school, students must complete at least two years 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.

Pre-Health Professional academic advisors work closely with pre-dental students to ensure that they fulfill all of the requirements for admission to professional schools in a timely manner. Each applicant is required to take the Dental Admission Test (DAT), which is designed to measure general academic ability and scientific knowledge of pre-requisite courses. Shadowing dentists, volunteer work and summer research work are highly valued for admission. Students will apply through a special website, ADEA Associated American Dental Schools Application Service (AADSAS), one year before they desire admission. Students who need more information about the pre-dental track should consult the Pre-Health Professions advisors as early in their academic careers as possible.

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.

Students must complete one year of biology with labs, one year of advanced biology (Human Anatomy and Human Physiology are suggested), Microbiology with lab, one year of general chemistry, one or two semesters of Organic Chemistry with lab (varies by school), Biochemistry, Calculus I, one year of Physics with lab, Psychology, and Statistics. The Biochemistry requirement varies by school.

Each applicant is required to take the Optometry Admission Test (OAT), which is designed to measure general academic ability and scientific knowledge of pre-requisite courses. Many schools also require a minimum number of hours in observation of a practicing optometrist. Students will apply through a special website, OptomCAS (Optometry College Application Service), one year before they desire admission.

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 and is increasingly involved with direct patient care. Pre-pharmacy courses include: two years of biology (general biology, human anatomy, physiology and microbiology), one year of general chemistry with labs, one year of organic chemistry with labs, calculus I (some schools require calculus II as well), statistics, one year of physics with labs (some schools no longer require physics), and medical terminology. Economics (most prefer microeconomics), psychology and/or sociology are also required. Biochemistry, cell biology, genetics are recommended as additional courses of value. An undergraduate degree is not required for admission to pharmacy school.

Each applicant is required to take the Pharmacy College Admission Test (PCAT), which is designed to measure general academic ability and scientific knowledge of pre-requisite courses. Many schools also require observation of a practicing pharmacist. Students will apply through a special website, PharmCAS (Pharmacy College Application Service), one year before they desire admission. Interested students should maintain close contact with the School's Pre-Health Professions advisors or the chairperson of School of Science, Technology, Engineering, and Mathematics .

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. A licensed physical therapist requires a doctoral degree (DPT, Doctor of Physical Therapy). In order to be admitted to the doctoral program, the student should complete the following pre-requisites: one year of general chemistry with labs, one year of physics with labs, one year of general biology (can include zoology), human anatomy, physiology, pre-calculus (or higher math), one year of psychology (general and an advanced course – some schools are specific about the advanced psychology course) and statistics.

Additional suggested courses of value include sociology, exercise physiology, biochemistry, medical terminology, and management courses. In addition, interested students must document 50-100 clock hours of work or volunteer experience directly related to physical therapy. Specific requirements vary by institution, so students should consult the websites of schools that are of interest.

Many schools require that students take the GRE (Graduate Record Exam) as part of the admission process. Students may also be asked to apply through a special website, PTCAS (Physical Therapist Centralized Application Service), one year before they desire admission. Interested students should maintain close contact with the School's Pre-Health advisors.

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 Catalog, 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 re-views 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 School of Science, Technology, Engineering, and Mathematics.

BIOLOGY

Biology is the scientific study of living systems. The Bachelor of Science in biology curriculum includes the study of organismal diversity, cell biology, physiology, genetics, evolution, and ecology. Students are encouraged to master basic principles of scientific inquiry while familiarizing themselves with the traditional aspects of a sound liberal education.

The School of Science, Technology, Engineering, and Mathematics offers programs leading to the Bachelor of Science degree in Biology with four options: General Biology, Pre-Professional, Biotechnology, and a track in Biology Education. Details on the former may be found elsewhere in this Catalog in the sub-section on the School of Education, Human Development, and Consumer Sciences. A minor in Biology is also offered.

Major in Biology

The Bachelor of Science in Biology at Kentucky State University offers a curriculum that prepares students for post-baccalaureate programs and many possible career fields including medicine, pharmacy, physical therapy, dental, education, veterinary medicine, environmental science, and other related areas. Incoming students who desire to pursue a biology degree should work with their advisor and the biology faculty members to ensure that they are selecting electives that will meet their desired career goals. For more information students can contact the School of Science, Technology, Engineering, and Mathematics at Natural.Sciences@kysu.edu or (502) 597-6603.

Students who major in Biology must complete a minimum of 120 semester credit hours, including the University's Liberal Studies Requirements. See the Race Tracks, below, for specific recommended curriculum plans.

Biology majors must earn a C or better in all core, elective, and support courses.

Biology core course requirements: BIO 111, 115/116, 210, 212, 302, 303, 307, 316, 401, 408, and 410.

Biology electives include: any biology course at the 300- or 400-level that is not required for the major and BIO 410 after it has been taken once to fulfill the major requirement. Biology electives also include CHE 315/350, AQU 300/400 level courses (except AQU 425). Additional elective courses may be approved by the Biology Committee.

Bachelor of Science in Biology
General Biology Track
120 credit hours

Term 1 (Fall)	Hours
MAT 131 Calculus & Analytical Geom I	5
CHE 101 General Chemistry I	3
CHE 110 General Chemistry I Laboratory	1
ENG 101 English Composition I	4
KSU 118 Intro to University Learning	3
Total	**16**
Term 2 (Spring)	**Hours**
BIO 111 Principles of Biology	4
BIO 115 Freshman Biology Seminar	1
CHE 102 General Chemistry II	3
CHE 120 General Chemistry II Lab	1
ENG 102 English Composition II	3
COM 103 Interpersonal Communication	3
KSU 186 Navigating the Tech. World	3

Term 5 (Fall)	Hours
BIO 316 Ecology	4
BIO 307 Genetics	4
Social/Behavioral Science Req	3
BIO 300/400 Guided Elective	3
Total	**14**
Term 6 (Spring)	**Hours**
BIO 302 General Microbiology	4
BIO 300/400 Guided Elective	3
Social/Behavioral Science Req	3
BIO 303 Human Physiology	4

Total	**18**

Term 3 (Fall)	**Hours**
BIO 212 General Botany	3
CHE 200 Introductory Organic Chemistry	4
Arts & Humanities Requirement	3
BIO 300/400 Elective	3
PHY 207 Physics in Biological Sci I	4
Total	**17**

Term 4 (Spring)	**Hours**
BIO 210 General Zoology	
BIO 300/400 Elective	
Free elective/minor	
Arts & Humanities Requirement	
PHY 208 Physics in Biol Sci II	
Total	**16**

Total	**14**

Term 7 (Fall)	**Hours**
BIO 408 Cell Biology	4
BIO 410 Special Problems in Biology	2
Arts & Humanities Requirement	3
Free Elective/Minor	3
Total	**12**

Term 8 (Spring)	**Hours**
BIO 401 Biology Seminar	
Free Elective/Minor	
Free Elective/Minor	
Free Elective/Minor	
Free Elective/Minor	
Total	**13**

Bachelor of Science in Biology
Pre-Professional Track
120 credit hours

Term 1 (Fall)	**Hours**
MAT 131 Calculus & Analytical Geom I	5
CHE 101 General Chemistry I	3
CHE 110 General Chemistry I Laboratory	1
ENG 101 English Composition I	4
KSU 118 Intro to University Learning	3
Total	**16**

Term 2 (Spring)	**Hours**
BIO 111 Principles of Biology	4
BIO 115 Freshman Biology Seminar	1
CHE 102 General Chemistry II	3
CHE 120 General Chemistry II Laboratory	1
ENG 102 English Composition II	3
COM 103 Interpersonal Communication	3
KSU 186 Navigating the Tech. World	3
Total	**18**

Term 3 (Fall)	**Hours**
BIO 212 General Botany	3
CHE 301 Organic Chemistry I	3
CHE 310 Organic Chemistry I Laboratory	1
Arts & Humanities Requirement	3
PHY 207 Physics in Biological Sci I	4
Total	**14**

Term 4 (Spring)	**Hours**
BIO 210 General Zoology	3
CHE 302 Organic Chemistry II	3
CHE 320 Organic Chemistry II Laboratory	1
BIO 302 General Microbiology	4
PHY 208 Physics in Biol Sci II	4
Total	**15**

Term 5 (Fall)	**Hours**
BIO 316 Ecology	4
BIO 307 Genetics	4
Social/Behavioral Science Req	3
BIO 300/400 elective	3
Total	**14**

Term 6 (Spring)	**Hours**
BIO 303 Human Physiology	4
BIO 300/400 Elective	3
Social/Behavioral Science Req	3
CHE 315 Biochemistry	3
CHE 350 Biochemistry lab	1
Total	**14**

Term 7 (Fall)	**Hours**
BIO 408 Cell Biology	4
BIO 410 Special Problems in Biology	2
Arts & Humanities Requirement	3
Free Elective/Minor	3
Free Elective/Minor	3
Total	**15**

Term 8 (Spring)	**Hours**
BIO 401 Biology Seminar	1
BIO 300/400 Elective	4
Free Elective/Minor	3
Free Elective/Minor	3
Arts & Humanities Requirement	3
Total	**14**

Bachelor of Science in Biology
Biotechnology Track
120 credit hours

Term 1 (Fall)	Hours
MAT 131 Calculus & Analytical Geometry I	5
CHE 101 General Chemistry I	3
CHE 110 General Chemistry I Laboratory	1
ENG 101 English Composition I	4
KSU 118 Intro to University Learning	3
Total	**16**

Term 2 (Spring)	Hours
BIO 111 Principles of Biology	4
BIO 116 Intro to Biotechnology	1
CHE 102 General Chemistry II	3
CHE 120 General Chemistry II Laboratory	1
ENG 102 English Composition II	3
COM 103 Interpersonal Communication	3
KSU 186 Navigating the Tech. World	3
Total	**18**

Term 3 (Fall)	Hours
BIO 212 General Botany	3
CHE 301 Organic Chemistry I	3
CHE 310 Organic Chemistry I Laboratory	1
Arts & Humanities Requirement	3
PHY 207 Physics in Biological Sci I	4
300/400 Statistics	3
Total	**17**

Term 4 (Spring)	Hours
BIO 210 General Zoology	3
CHE 302 Organic Chemistry II	3
CHE 320 Organic Chemistry II Laboratory	1
BIO 302 General Microbiology	4
PHY 208 Physics in Biol Sci II	4
Total	**15**

Term 5 (Fall)	Hours
BIO 316 Ecology	4
BIO 307 Genetics	4
BIO 431 Biotech I	4
Social/Behavioral Science Req	3
Total	**15**

Term 6 (Spring)	Hours
BIO 303 Human Physiology	4
BIO 432 Biotech II	4
Social/Behavioral Science Req	3
BIO 300/400 Elective	3
Total	**14**

Term 7 (Fall)	Hours
BIO 408 Cell Biology	4
BIO 410 Special Problems in Biology	2
Arts & Humanities Requirement	3
BIO 438 Forensics	3
Total	**12**

Term 8 (Spring)	Hours
BIO 401 Biology Seminar	
BIO 300/400 Elective	
Free Elective/Minor	
Free Elective/Minor	
Arts & Humanities Requirement	
Total	**14**

Pre-Health Professional

For more information on our Pre-Health Professional programs (examples are Pre-Med, Pre-Vet, Pre-Pharm, Pre-Dental), please contact the School of Science, Technology, Engineering, and Math at Natural.Sciences@kysu.edu.

Pre-Biological Engineering

For more information on our Pre-Biological Engineering program, please contact the School of Science, Technology, Engineering, and Math at Natural.Sciences@kysu.edu.

Biology Minor 21 credits

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.

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 finding 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 120 semester credit hours is required to earn the Bachelor of Science degree in Chemistry. A minor in chemistry is also offered.

Bachelor of Science in Chemistry
120 credit hours

Term 1 (Fall)	Hours
CHE 101 General Chemistry I	3
CHE 101 General Chemistry I Lab	1
MAT 120 Precalculus	4
ENG 101 English Composition I	4
KSU 118 Intro to University Learning	3
Total	**15**

Term 2 (Spring)	Hours
CHE 102 General Chemistry II	3
CHE 120 General Chemistry II Lab	1
MAT 131 Calculus and Analytic Geometry I	5
ENG 102 English Composition II	3
KSU 186 Navigating the Tech World	3
Total	**15**

Term 3 (Fall)	Hours
CHE 301 Organic Chemistry I	3
CHE 310 Organic Chemistry I Lab	1
MAT 132 Calculus and Analytic Geometry II	5
PHY 207 Physics and Biological Sciences	4
COM 103 Interpersonal Communications	3
Total	**16**

Term 4 (Spring)	Hours
CHE 302 Organic Chemistry II	3
CHE 320 Organic Chemistry II Lab	1
MAT Course - MAT Elective (above MAT 132)	3
PHY 208 Physics and Biological Sciences II	4
Core - Arts & Humanities Requirement	3
Total	**14**

Term 5 (Fall)	Hours
CHE 414 Instrumental Analysis	4
Core Arts & Humanities Requirement	3
Free Elective or Minor Requirement	3
Social/Behavioral Sci Requirement #1	3
ECO 200, FIN 101, HIS 108, POS 101, PSY 200, SOC 203	3
Total	**16**

Term 6 (Spring)	Hours
CHE 303 Quantitative Analysis	4
CHE/BIO/AQU/PHY/COS Science Elective #1 (300/400 Level)	3
Core - Arts & Humanities Option	3
Free Elective of Minor Requirement	3
Core Social/Behavioral Sci Requirement	3
Total	**16**

Term 7 (Fall)	Hours
CHE 425 Intro to Physical Chemistry	4
CHE 401 Undergraduate Research	1
Free Elective or Minor Requirement	3
Free Elective or Minor Requirement	3
Free Elective or Minor Requirement	3
Total	**14**

Term 8 (Spring)	Hours
CHE/BIO/AQU/PHY/COS Science Elective (300/400 Level)	3
CHE 412 Inorganic Chemistry	3
Free Elective or Minor Requirement	3
Free Elective or Minor Requirement	3
Total	**12**

Chemistry, B.S. and Secondary Education Teaching Certification in Chemistry
For more information on our Chemistry Education Race Track, please contact the School of Science, Technology,

Engineering, and Mathematics at Natural.Sciences@kysu.edu, (502) 597-6603 or visit the office in Carver Hall Room 132 or contact the School of Education, Human Development, and Consumer Sciences in Hathaway Hall, Suite 108, (502) 597-5919.

Chemistry Minor- 19 credits

A minor in chemistry requires the completion of 19 semester credit hours. Specific course requirements include CHE 101/110, 102/120, 301/310, and 302/320; the remaining three semester credit hours must be selected from CHE 303, 315/350, 412 and 425

Mathematical facts, procedures, skills, and processes are indispensable in acquiring understanding within all fields of science and central to the development and practice of critical thought and communication. Physics is the science that seeks to employ mathematics to explain the universe and its phenomena. Computer science packages these essentials into program courses at Kentucky State University which integrate theoretical as well as practical topics to provide students with the advanced conceptual framework and technical expertise required to succeed in new and ever-changing markets. Due to the tremendous growth in technological public and private sectors, the need for graduates with marketable computer skills has grown exponentially. Computer science students may pursue degrees at the baccalaureate level as well as the master's level. Graduates enjoy abundant career opportunities in professional markets such as business, industry, government, education, military, and many others. Our programs instill the skills and knowledge of our graduates to become life-long learners as well as career minded workforce professionals. For more information, email compsci@kysu.edu or call 502-597-6384.

COMPUTER SCIENCE

The Computer Science program offers courses leading to a Bachelor of Science in Computer Science, and a Master of Science in Computer Science. Students pursuing the bachelor's degree in computer science select an academic track from computer information security, computer information systems, game development, mathematics, or network engineering. Students will learn skills in programming, systems, information security, databases, game programming, and networking components. The baccalaureate degree program in computer science is modeled in accordance with guidelines established by the Accreditation Board for Engineering and Technology (ABET). The M.S. in Computer Science has two academic concentrations to choose from: cyber security and information engineering.

Baccalaureate Degrees

Bachelor of Science in Computer Science
Computer Information Security Track
120 credit hours

Term 1 (Fall)	Hours
Natural Science (Pick from list)	3
COS 107 Problem Solving, Logic & Design	3
ENG 101 English Composition I	4
MAT 115 College Algebra	3
KSU 118 Introduction to University Learning	3
Total	**16**
Term 2 (Spring)	**Hours**
COS 108 Principles of Computer Science I	4
ENG 102 English Composition II	3
MAT 125 Business Calculus and Matrices	3

Term 5 (Fall)	Hours
COS 275 Game Programming Foundation I	4
COS/DGE 300 System Design/Software Engineering	3
COS 301 Computer Organization	4
COS 310 Discrete Computing Structures	3
Guided Electives	3
Total	**17**
Term 6 (Spring)	**Hours**
COS 302 Operating Systems	3
COS 334 Cyber Forensics	4
Arts and Humanities (Pick from list)	3

Social/Behavioral (Pick from list) ECO 200, FIN 101, HIS 108, POS 101, PSY 200, SOC 203	3
KSU 186 Navigating the Tech World	3
Total	**16**
Term 3 (Fall)	**Hours**
COS 109 Principles of Computer Science II	4
Arts and Humanities (Pick from list)	3
Social/Behavioral (Pick from list) ECO 200, FIN 101, HIS 108, POS 101, PSY 200, SOC 203	3
COM 103 Interpersonal Communication	3
Total	**13**
Term 4 (Spring)	**Hours**
COS 340 Data Structures	3
COS 200 Computer Information Systems	3
ENG 216 Technical Writing	3
Arts and Humanities (Pick from list)	3
COS 281 Intro to Security & Assurance	3
Total	**15**

COS 364 Data Storage and Data Mining	3
Guided Elective	3
Total	**16**
Term 7 (Fall)	**Hours**
COS 495 Interactive Gaming Project	3
COS 303 Human Perspective on Computer	3
COS 332 Management of Info Security	3
COS 470 Networking & Telecommunication	3
COS 484 Intro to Network Security	3
Total	**15**
Term 8 (Spring)	**Hours**
COS 410 Database Management Systems	3
COS 435 Adv Topics in Cyber Security	3
COS/CIT 200 Elective	3
COS 300/400 Elective	3
Total	**12**

Bachelor of Science in Computer Science
Information Systems Track
120 credit hours

Term 1 (Fall)	**Hours**
Natural Science (Pick from list)	3
COS 107 Problem Solving, Logic & Design	3
ENG 101 English Composition I	4
MAT 115 College Algebra	3
KSU 118 Introduction to University Learning	3
Total	**16**
Term 2 (Spring)	**Hours**
Arts and Humanities (Pick from list)	3
COS 108 Principles of Computer Science I	4
ENG 102 English Comp II	3
MAT 125 Linear Algebra & Differential Calculus	3
KSU 186 Navigating the Tech World	3
Total	**16**
Term 3 (Fall)	**Hours**
ACC 201 Principles of Accounting I	3
COS 109 Principles of Computer Science II	4
ENG 216 Technical Writing	3
Arts and Humanities (Pick from list)	3
COM 103 Interpersonal Communication	3
Total	**16**
Term 4 (Spring)	**Hours**

Term 5 (Fall)	**Hours**
COS 275 Game Programming Foundation I	4
COS/DGE 300 System Design/Software Engineering	3
COS 301 Computer Organization	4
COS 310 Discrete Computing Structures	3
Free Elective	1
Total	**15**
Term 6 (Spring)	**Hours**
COS 302 Operating Systems	3
COS 340 Data Structures	3
COS 410 Database Management Systems	3
ECO 321 Quantitative Methods	3
Social/Behavioral (Pick from list) ECO 200, FIN 101, HIS 108, POS 101, PSY 200, SOC 203	3
Total	**15**
Term 7 (Fall)	**Hours**
COS 303 Human Perspective on Computer	3
COS 364 Data Storage and Data Mining	3
COS 470 Networking & Telecommunication	3
COS Elective	3
COS 490/495 Seminar/Interact. Gaming Project	3
Total	**15**
Term 8 (Spring)	**Hours**

BUA 320 Business Statistics	3
Arts and Humanities (Pick from list)	3
COS 200 Computer Information Systems	3
COS 340 Data Structures	3
COS 281 Intro to Information Security & Assurance	3
Total	**15**

COS 300/400 Elective	3
COS/CIT 200 Elective	3
COS 464/CIT370/MIS300 Mgmnt of Computer Info Systems	3
Social/Behavioral (Pick from list) ECO 200, FIN 101, HIS 108, POS 101, PSY 200, SOC 203	3
Total	**12**

Bachelor of Science in Computer Science
Game Development Track
120 credit hours

Term 1 (Fall)	Hours
Natural Science (Pick from list)	3
COS 107 Problem Solving, Logic & Design	3
ENG 101 English Composition I	4
MAT 115 College Algebra	3
KSU 118 Introduction to University Learning	3
Total	**16**
Term 2 (Spring)	**Hours**
COS 108 Principles of Computer Science I	4
ENG 102 English Composition II	3
MAT 125 Business Calculus and Matrices	3
Social/Behavioral (Pick from list) ECO 200, FIN 101, HIS 108, POS 101, PSY 200, SOC 203	3
KSU 186 Navigating the Tech World	3
Total	**16**
Term 3 (Fall)	**Hours**
COS 109 Principles of Computer Science II	4
COS 275 Game Programming Foundation I	4
ENG 216 Technical Writing	3
Arts and Humanities (Pick from list)	3
COM 103 Interpersonal Communication	3
Total	**17**
Term 4 (Spring)	**Hours**
COS 340 Data Structures	3
COS 200 Computer Information Systems	3
COS 375 Game Programming Foundation II	3
Arts and Humanities (Pick from list)	3
COS 281 Intro to Information Security & Assurance	3
Total	**15**

Term 5 (Fall)	Hours
COS 301 Computer Organization	4
COS 303 Human Perspective on Computing	3
COS 310 Discrete Computing Structures	3
DGE 300 Software Engineering	3
Arts and Humanities (Pick from list)	3
Total	**16**
Term 6 (Spring)	**Hours**
COS 302 Operating Systems	3
Social/Behavioral (Pick from list) ECO 200, FIN 101, HIS 108, POS 101, PSY 200, SOC 203	3
COS 385 Gaming and Computer Graphics	4
COS 475 Game Design and Development	3
Free Elective	3
Total	**16**
Term 7 (Fall)	**Hours**
COS/CIT 200 Elective	3
COS 300 System Design and Development	3
COS 470 Networking & Telecommunication	3
COS 495 Interactive Gaming Project	3
Total	**12**
Term 8 (Spring)	**Hours**
COS 410 Database Management Systems	3
Elective	3
COS/DGE 300/400 Elective	3
Guided Elective	3
Total	**12**

Bachelor of Science in Computer Science
Mathematics Track
120 credit hours

Term 1 (Fall)	Hours
Natural Science (Pick from list)	3

Term 5 (Fall)	Hours
BIO/CHE/PHS/PHY Natural Science	3

ENG 101 English Composition I	4
COS 107 Problem Solving, Logic & Design	3
MAT 115 College Algebra	3
KSU 118 Introduction to University Learning	3
Total	**16**

Term 2 (Spring)	Hours
Arts and Humanities (Pick from list)	3
COS 108 Principles of Computer Science I	4
ENG 102 English Comp II	3
MAT 120 Precalculus	4
KSU 186 Navigating the Tech World	3
Total	**17**

Term 3 (Fall)	Hours
COS 109 Principles of Computer Science II	4
ENG 216 Technical Writing	3
MAT 131 Calculus I	5
COM 103 Interpersonal Communication	3
Total	**15**

Term 4 (Spring)	Hours
COS 300/400 Electives	3
COS 200 Computer Information Systems	3
MAT 132 Calculus II	5
COS 281 Intro to Information Security & Assurance	3
Total	**14**

COS/DGE 300 System Design/Software Engineering	3
COS 301 Computer Organization	4
COS 310 Discrete Computing Structures	3
Social/Behavioral (Pick from list) ECO 200, FIN 101, HIS 108, POS 101, PSY 200, SOC 203	3
Total	**16**

Term 6 (Spring)	Hours
BIO/CHE/PHS/PHY Natural Science	3
COS 302 Operating Systems	3
COS 340 Data Structures	3
Elective	3
Social/Behavioral (Pick from list) ECO 200, FIN 101, HIS 108, POS 101, PSY 200, SOC 203	3
Total	**15**

Term 7 (Fall)	Hours
COS 303 Human Perspective on Computer	3
COS 470 Networking & Telecommunication	3
COS 490/495 Seminar/Interact. Gaming Project	3
Arts and Humanities (Pick from list)	3
MAT 321 Probability & Statistics	3
Total	**15**

Term 8 (Spring)	Hours
COS 410 Database Management Systems	3
COS/MAT 300/400 Elective	3
COS/MAT 300/400 Elective	3
Arts and Humanities (Pick from list)	3
Total	**12**

Bachelor of Science in Computer Science
Network Engineering Track
120 credit hours

Term 1 (Fall)	Hours
CIT 111 Network Fundamentals	3
COS 107 Problem Solving & Design	3
ENG 101 English Composition I	4
MAT 115 College Algebra	3
KSU 118 Introduction to University Learning	3
Total	**16**

Term 2 (Spring)	Hours
CIT 112 Routing and Switching	3
COS 108 Principles of Computer Science I	4
ENG 102 English Composition II	3
MAT 125 Business Calculus and Matrices	3
KSU 186 Navigating the Tech World	3
Total	**16**

Term 3 (Fall)	Hours
CIT 200 Network Operating Systems	3
CIT 211/COS 314 Network Protocols	3

Term 5 (Fall)	Hours
BIO 101/CHE 109 Biology/Chemistry	3
CIT 311 Advanced Routing	3
COS 301 Computer Organization	4
COS 310 Discrete Computing Structures	3
Social/Behavioral (Pick from list) ECO 200, FIN 101, HIS 108, POS 101, PSY 200, SOC 203	3
Total	**16**

Term 6 (Spring)	Hours
Electives	3
CIT 312 Advanced LAN Switching	3
COS 302 Operating Systems	3
COS 410 Database Management Systems	3
Arts and Humanities (Pick from list)	3
Total	**15**

Term 7 (Fall)	Hours
CIT 453 Network Manager	3
CIT 497/COS 499 Topics in IT	3

COS 109 Principals of Computer Science II	4
ENG 216 Technical Writing	3
COM 103 Interpersonal Communication	3
Total	**16**

Term 4 (Spring)	**Hours**
CIT 212 Intro to WAN Technology	3
COS 281 Intro to Information Security & Assurance	3
Arts and Humanities (Pick from list)	3
Electives	1
Social/Behavioral (Pick from list) ECO 200, FIN 101, HIS 108, POS 101, PSY 200, SOC 203	3
Total	**13**

CIT 370/COS 464/MIS 300 Project Mgmt/Mgmt of Computer Info Systems	3
COS 303 Human Perspective on Computer	3
Arts and Humanities (Pick from list)	3
Total	**15**

Term 8 (Spring)	**Hours**
CIT 412 Managing & Maintaining IP Networks	3
CIT 481/COS 497 IT Independent Study OR CIT 499/COS 498 Internship	3
COS 334 Cyber Forensics	4
COS 484 Intro to Network Security	3
Total	**13**

Master Degree

The Master of Science in Computer Science Program offers students the opportunity to combine a sound foundation and a professionally oriented computer science education with the applied and in-demand skills necessary for today's careers in technology. The program is designed to be flexible enough to accommodate the needs of students who have completed an undergraduate degree in computer science and want to further their studies and those with degrees in areas other than computer science, who seek to broaden their education in the discipline. All of our graduate classes are offered in the evenings or online. See Graduate Programs for program information.

Minors

Computer Science 21 credits

Students desiring to minor in computer science must complete 21 semester credit hours. Specific course requirements include COS 101, 108, 109, 301, 310, 340, and three credit hours of advised electives.

Computer Information Systems 18-19 credits

Students desiring to minor in computer information systems must complete 18-19 semester credit hours. Specific course requirements include COS 101 or 108, 200, 300, 364, 410, and 464.

Computer Gaming 20-21 credits

Students desiring to minor in computer gaming must complete 20-21 semester credit hours. Specific course requirements include COS 101 or 108, 275, 300, 375, 385 and 475.

Certificates

Cyber Security Certificate 12-13 credits

The School of Mathematics and Computer Science offers a course of study leading to a Certificate in Cybersecurity. The Certificate is available to students, regardless of major, who complete the specified coursework, and while prior technical/security experience, training, or education may be beneficial, none is required. The Certificate requires the completion of COS 281 Introduction to Information Security & Assurance (3 credit hours), and any three (3) of the following:

· COS 332 - Management of Information Security & Assurance (3 credit hours)
· COS 334 - Cyber Forensics (4 credit hours)
· COS 435 - Advanced Topics in Cyber Security (3 credit hours)
· COS 484 - Introduction to Network Security (3 credit hours)
All courses must be passed with a "C" or better.

Network Associate Certificate 12 credits

The Network Associate Certificate is for students wishing to work in the field of information technology as a network associate. In order to obtain the Network Associate Certificate a student must complete 12 hour block of courses including; CIT 111 Network Fundamentals, CIT 112, Routing and Switching, CIT 211 Network Protocols, and CIT 212 Introduction to WAN Technology. All courses must be passed with a "C" or better. The concepts and skills acquired in this program will ensure that a student is competent to sit for the internationally Cisco CCNA certification examination.

Network Professional Certificate 9 credits

The Network Associate Certificate is for students wishing to work in the field of information technology as a network professional. To be admitted, a student must hold a CCNA certification or have passed the CCNA 1, CCNA 2, CCNA 3, and CCNA 4 courses. A student must complete a 9 hour block of courses including CIT 311 (Advanced Routing), CIT 312 (Advanced LAN Switching), and CIT 412 (Optimizing Converged Networks). These courses are available online and will provide an educational opportunity for non-traditional students who work or are extended geographically

Computer Technician Certificate 6 credits

This certificate is for students wishing to work in the field of information technology as a computer technician. In order to obtain the Computer Technician certificate a student must complete six-hour block of courses including CIT 136 Computer Hardware and CIT 137 Comp Operating Systems: Management & Maintenance. All courses must be passed with a "C" or better. The concepts and skills acquired in this program will assist a student to sit for the internationally recognized CompTIA A+ certification.

MATHEMATICS

Bachelor of Arts in Mathematics
Pure Mathematics
120 credit hours

Term 1 (Fall)	Hours
MAT 131 Calculus and Analytical Geometry I	5
ENG 101 English Composition I	4
KSU 118 Introduction to University Learning	3
COM 103 Interpersonal Communications	3
Total	**15**

Term 2 (Spring)	Hours
MAT 132 Calculus and Analytical Geometry I	5
ENG 102 English Composition II	3
Minor Elective	3
KSU 186 Navigating the Tech World	3
Total	**14**

Term 3 (Fall)	Hours
MAT 231 Calculus III	3

Term 5 (Fall)	Hours
MAT 321 Probability and Statistics I	3
MAT 307 Linear Algebra	3
300/400 Minor Elective	3
Arts and Humanities	3
Social/Behavioral	3
Total	**15**

Term 6 (Spring)	Hours
MAT 401 Modern Algebra I	3
MAT 333 Complex Variables	3
Arts and Humanities	3
MAT 300/400 Elective	3
300/400 Minor Elective	3
Total	**15**

Term 7 (Fall)	Hours
MAT 403 Real Analysis	3

Minor Elective	3	MAT 300/400 Elective	3
MAT 300 Introduction to Advanced Mathematics	3	300/400 Minor Elective	3
Arts and Humanities	3	Minor Elective	3
Natural Science	3	Free Elective	4
Total	**15**	**Total**	**16**
Term 4 (Spring)	**Hours**	**Term 8 (Spring)**	**Hours**
MAT 232 Differential Equations	3	MAT 460 Mathematics Seminar	3
Minor Elective	3	MAT 402 Modern Algebra II	3
Minor Elective	3	300/400 Minor Elective	3
Minor Elective	3	300/400 Free Elective	3
Social/Behavioral	3	300/Free Elective	3
Total	**15**	**Total**	**15**

Bachelor of Science in Mathematics
Pure Mathematics
120 credit hours

Term 1 (Fall)	**Hours**	**Term 5 (Fall)**	**Hours**
MAT 131 Calculus and Analytical Geometry I	5	MAT 321 Probability and Statistics I	3
ENG 101 English Composition I	4	MAT 307 Linear Algebra	3
KSU 118 Introduction to University Learning	3	MAT 300/400 Elective	3
		Arts and Humanities	3
COM 103 Interpersonal Communications	3	Social/Behavioral	3
Total	**15**	**Total**	**15**
Term 2 (Spring)	**Hours**	**Term 6 (Spring)**	**Hours**
MAT 132 Calculus and Analytical Geometry I	5	MAT 401 Modern Algebra I	3
ENG 102 English Composition II	3	MAT 300/400 Concentration/Specialization	3
COS 108 Principals of Computer Science	4	Arts and Humanities	3
KSU 186 Navigating the Tech World	3	300/400 Free Elective	3
Total	**15**	**Total**	**12**
Term 3 (Fall)	**Hours**	**Term 7 (Fall)**	**Hours**
MAT 231 Calculus III	3	MAT 403 Real Analysis	3
PHY 211 General Physics I	5	MAT 300/400 Elective	3
MAT 300 Introduction to Advanced Mathematics	3	300/400 Free Elective	3
Arts and Humanities	3	Free Elective	3
Natural Science	3	Free Elective	4
Total	**17**	**Total**	**16**
Term 4 (Spring)	**Hours**	**Term 8 (Spring)**	**Hours**
MAT 232 Differential Equations	3	MAT 460 Mathematics Seminar	3
PHY 212 General Physics II	5	MAT 300/400 Elective	3
MAT 300/400 Concentration/Specialization	3	300/400 Free Elective	3
COS 109 Principles of Computer Science II	4		
Social/Behavioral	3	300/400 Free Elective	3
Total	**18**	**Total**	**12**

Bachelor of Science in Mathematics
Applied Mathematics Pre-Engineering Track
120 credit hours

Term 1 (Fall)	**Hours**	**Term 5 (Fall)**	**Hours**

MAT 131 Calculus and Analytical Geometry I	5	MAT 315 or 321 or 333	3
CHE 101 General Chemistry I	3	PHY 311 Engineering Statics	3
CHE 110 General Chemistry I Lab	1	PHY 320	3
ENG 101 English Composition I	4	Arts and Humanities	3
KSU 118 Introduction to University Learning	3	Social/Behavioral	3
Total	**16**	**Total**	**15**
Term 2 (Spring)	**Hours**	**Term 6 (Spring)**	**Hours**
MAT 132 Calculus and Analytical Geometry I	5	PHY 350 Electrical Circuits I	4
CHE 102 General Chemistry II	3	PHY 390 Special Topics in Physics	3
CHE 120 General Chemistry II Lab	1	Arts and Humanities	3
ENG 102 English Composition II	3	Social/Behavioral	3
KSU 186 Navigating the Tech World	3	Guided Elective*	3
Total	**15**	**Total**	**16**
Term 3 (Fall)	**Hours**	**Term 7 (Fall)**	**Hours**
MAT 231 Calculus III	3	Students complete years four and five at the University of Kentucky as part of a 3-2 program	
PHY 211 General Physics I	5		
COS 108 Principals of Computer Science I	4		
SPE 103 Interpersonal Communications	3		
Natural Science	3		
Total	**18**		
Term 4 (Spring)	**Hours**	**Term 8 (Spring)**	**Hours**
MAT 232 Calculus IV	3	Students complete years four and five at the University of Kentucky as part of a 3-2 program	
PHY 212 General Physics II	5		
COS 109 Principals of Computer Science II	4		
Arts and Humanities	3		
Total	**15**		

Bachelor of Science in Mathematics
Pre-Engineering Chemistry Track
120 credit hours

Term 1 (Fall)	Hours	Term 5 (Fall)	Hours
MAT 131 Calculus and Analytical Geometry I	5	PHY 320 Engineering Thermodynamics	3
CHE 101 General Chemistry I	3	COS 108 Principles of Computer Science I	4
CHE 110 General Chemistry I Lab	1	SPE 103 Interpersonal Communications	3
ENG 101 English Composition I	4	Arts and Humanities	3
KSU 118 Introduction to University Learning	3	Social/Behavioral	3
Total	**16**	**Total**	**16**
Term 2 (Spring)	**Hours**	**Term 6 (Spring)**	**Hours**
MAT 132 Calculus and Analytical Geometry I	5	Arts and Humanities	3
CHE 102 General Chemistry II	3	Arts and Humanities	3
CHE 120 General Chemistry II Lab	1	Social/Behavioral	3
ENG 102 English Composition II	3	***Guided Elective	3
KSU 186 Navigating the Tech World	3	Natural Science	3
Total	**15**	**Total**	**15**
Term 3 (Fall)	**Hours**	**Term 7 (Fall)**	**Hours**
MAT 231 Calculus III	3	Students complete years four and five at the University of Kentucky as part of a 3-2 program	
PHY 211 General Physics I	5		
CHE 301 Organic Chemistry I	3		
CHE 310 Organic Chemistry I Lab	1		
*CHE 407 Physical Chemistry I	4		

Total	**16**

Term 4 (Spring)	**Hours**
MAT 232 Calculus IV	3
PHY 212 General Physics II	5
CHE 302 Organic Chemistry II	3
CHE 320 Organic Chemistry II Lab	1
**CHE 409 Physical Chemistry II	4
Total	**16**

Term 8 (Spring)	**Hours**
Students complete years four and five at the University of Kentucky as part of a 3-2 program	

Bachelor of Science in Mathematics
Pre-Engineering BioSystems Track
120 credit hours

Term 1 (Fall)	**Hours**
MAT 131 Calculus and Analytical Geometry I	5
CHE 101 General Chemistry I	3
CHE 110 General Chemistry I Lab	1
ENG 101 English Composition I	4
KSU 118 Introduction to University Learning	3
Total	**16**

Term 2 (Spring)	**Hours**
MAT 132 Calculus and Analytical Geometry I	5
CHE 102 General Chemistry II	3
CHE 120 General Chemistry II Lab	1
ENG 102 English Composition II	3
KSU 186 Navigating the Tech World	3
Total	**15**

Term 3 (Fall)	**Hours**
MAT 231 Calculus III	3
PHY 211 General Physics I	5
CHE 301 Organic Chemistry I	3
COS 108 Principals of Computer Science I	4
COM 103 Interpersonal Communications	3
Total	**18**

Term 4 (Spring)	**Hours**
MAT 232 Calculus IV	3
PHY 212 General Physics II	5
BIO 111 Principles of Biology	4
Arts and Humanities	3
Total	**18**

Term 5 (Fall)	**Hours**
MAT 315/321/333	3
PHY 311 Engineering Statics	3
PHYS 320 Engineering Thermodynamics	3
Arts and Humanities	3
Social/Behavioral	3
Total	**15**

Term 6 (Spring)	**Hours**
PHY 350 Electrical Circuits I	4
PHY 390 Special Topics in Physics	3
Social/Behavioral	3
Arts and Humanities	3
Guided Elective*	3
Total	**16**

Term 7 (Fall)	**Hours**
Students complete years four and five at the University of Kentucky as part of a 3-2 program	

Term 8 (Spring)	**Hours**
Students complete years four and five at the University of Kentucky as part of a 3-2 program	

Bachelor of Science in Mathematics
Pre-Engineering Materials Track
120 credit hours

Term 1 (Fall)	**Hours**
MAT 131 Calculus and Analytical Geometry I	5
CHE 101 General Chemistry I	3
CHE 110 General Chemistry I Lab	1
ENG 101 English Composition I	4
KSU 118 Introduction to University Learning	3
Total	**16**

Term 5 (Fall)	**Hours**
MAT 315/321/333	3
PHY 311 Engineering Statics	3
PHYS 320 Engineering Thermodynamics	3
Arts and Humanities	3
Social/Behavioral	3
Total	**15**

Term 2 (Spring)	Hours
MAT 132 Calculus and Analytical Geometry I	5
CHE 102 General Chemistry II	3
CHE 120 General Chemistry II Lab	1
ENG 102 English Composition	3
KSU 186 Navigating the Tech World	3
Total	**15**

Term 3 (Fall)	Hours
MAT 231 Calculus III	3
PHY 211 General Physics I	5
CHE 301 Organic Chemistry I	3
COS 108 Principals of Computer Science I	4
COM 103 Interpersonal Communications	3
Total	**18**

Term 4 (Spring)	Hours
MAT 232 Calculus IV	3
PHY 212 General Physics II	5
BIO 111 Principles of Biology	4
Arts and Humanities	3
Natural Science	3
Total	**18**

Term 6 (Spring)	Hours
PHY 350 Electrical Circuits I	4
PHY 390 Special Topics in Physics	3
Social/Behavioral	3
Arts and Humanities	3
Guided Elective*	3
Total	**16**

Term 7 (Fall)	Hours
Students complete years four and five at the University of Kentucky as part of a 3-2 program	

Term 8 (Spring)	Hours
Students complete years four and five at the University of Kentucky as part of a 3-2 program	

Students interested in engineering should note that, due to possible changes in the engineering Accreditation standards and
possible curriculum changes at the University of Kentucky, 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 School of Science, Technology, Engineering, and Mathematics.

Bachelor of Science in Mathematics
Education Track
121 credit hours

Term 1 (Fall)	Hours
ENG 101	4
KSU 118	3
Arts and Humanities	3
COM 103	3
Social Science	3
Total	**16**

Term 2 (Spring)	Hours
ENG 102	3
KSU 186	3
MATH 131	5
Social Science	3
Elective	3
Total	**17**

Term 3 (Fall)	Hours
EDU 202	3
EDU 203	3
Arts and Humanities	3
PHY 211	5
Free Elective	3
Total	**17**

Term 4 (Spring)	Hours

Term 5 (Fall)	Hours
EDU 303	3
EDU 445	3
MATH 132	5
MATH 231	3
Total	**15**

Term 6 (Spring)	Hours
EDU 430	3
MATH 307	3
COS 108	4
COS 310	3
Total	**13**

Term 7 (Fall)	Hours
EDU 411	3
MATH 300	3
MATH 312	3
MATH 401	3
MATH 326	3
Total	**15**

Term 8 (Spring)	Hours

EDU 302	3
EDU 304	3
EDU 310	3
Arts and Humanities	3
Free Elective	4
Total	**16**

EDU 454	12
Total	**12**

Refer to the College of Agriculture, Communities, and the Environment chapter – School of Education, Human Development, and Consumer Sciences for specific admission and course requirements and further information about the educator preparation program. Students should maintain close contact with the mathematics education advisor in the Division of Mathematics and Sciences, as well as the faculty in the School of Education, Human Development, and Consumer Sciences.

Minors

Mathematics 19 credits

A minor in Mathematics requires the completion of 19 semester credit hours. Specific course requirements include MAT 131, 132, 231; and the remaining 6 semester credit hours must be selected from upper-division mathematics courses approved by the mathematics faculty.

Physics 19 credits

A minor in Physics requires the completion of at least 19 semester credit hours. Specific course requirements include: PHY 211 and PHY 212. With approval of mathematics/physics area faculty, students may choose any 300-level physics or closely related discipline courses to complete the minor.

Chapter 10
COLLEGE OF HUMANITIES, BUSINESS AND SOCIETY (CHBS)

Dr. David Shabazz
Interim Dean
414 Hathaway Hall
Phone: (502) 597-6990
E-mail: david.shabazz@kysu.edu

Academic Units and Degrees Offered

School of the Behavioral and Social Sciences
- B.S. in Psychology
- B.A. in Social Sciences

School of Criminal Justice and Political Science
- B.A. in Criminal Justice
- B.A. in Political Science

School of the Humanities and Performing Arts
- B.A. in Mass Communication and Journalism
- B.A. in English
- B.A. in Music
- B.M. in Music Performance
- B.M.E. in Music Education

School of Public Administration

School of Social Work
- B.A. in Social Work (BSW)

- ***Minors***
- Criminal Justice
- Gerontology
- Political Science
- Public Administration*

Minors

African American Studies
Creative Writing
English
French*
History
Interdisciplinary Intelligence Studies
International Studies
Mass Communications & Journalism
Music
Music Industry and Production*
Philosophy
Psychology
Sociology
Spanish*
Speech Communication
Theatre*

**Enrollment in these programs is not offered during the academic year 2021-22*

Consistent with the overall mission of the University, the major goal of the College of Humanities, Business, and Society is to provide students with the requisite academic skills, knowledge, and a sense of competence which will allow them to assume leadership roles in their respective fields of study. The College is made up of two divisions, Behavioral and Social Sciences and Humanities and Performing Arts. Academic majors, leading to the Bachelor of Arts or the Bachelor of Science degree, are offered in the following areas: music, mass communication and journalism, English, psychology, and social sciences.

Students interested in becoming certified high school teachers in biology, English, music, or social studies may complete Teacher Education Programs offered collaboratively by the appropriate divisions in the College of Humanities, Business, and Society with the School of Education and Human Development in the College of Public Service and Leadership Studies. Students in this program should maintain close contact with their Divisional Education advisor as well as the faculty in the School of Education and Human Development.

Students should refer to the appropriate degree program section in the College of Humanities, Business, and Society for coursework requirements applicable to their particular programs. To earn a degree through the College 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 or her mentor or advisor. However, students are encouraged to complete their degree requirements within eight semesters of study in thecollege.

SCHOOL OF BEHAVIORAL AND SOCIAL SCIENCES

The School of Behavioral and Social Sciences is committed to the University's particular emphasis on liberal studies. Baccalaureate degree programs are offered in psychology and social sciences with a track in history, and social studies education. The Division provides its students with the 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 School of Education, Human Development, and Consumer Sciences, the Division offers a track in social studies education, which prepares students for teacher certification in grades 8-12. The Teacher Education Program in social studies has specific admissions requirements and coursework, including a semester of full-time student teaching. Students in this program should maintain close contact with their Social Studies Education advisor in the Division as well as the faculty in the School of Education, Human Development, and Consumer Sciences.

SOCIAL SCIENCES - History Track

A Bachelor of Arts in Social Sciences with a history track 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 track 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, internalize and integrate this information into their total knowledge base, and prepare students for advanced professional studies and varied career opportunities.

In lieu of HIS 103, majors are required to take HIS 101 and 102. Additionally, the student must complete a minor.

Bachelor of Arts in Social Sciences
History Track
120 credit hours

Term 1 (Fall)	Hours
HIS 101 World Civilization I	3
MAT 111 Contemporary Mathematics	3
ENG 101 English Composition I	3
KSU 118 Introduction to University Learning	3
SOC 203 Principles of Sociology	3
Total	**15**
Term 2 (Spring)	**Hours**
HIS 102 World Civilization II	3
ENG 102 English Composition II	3
COM 103	3
Liberal Studies Core	3
KSU 186 Navigating the Tech World	3
Total	**15**
Term 3 (Fall)	**Hours**
HIS 201 United States History to 1865	3

Term 5 (Fall)	Hours
HIS 314 African Americans in the United States or HIS 316 Recent United States History	3
IGS 300 Modern World	3
HIS 300+ Elective	3
Minor Course	3
Free Elective	3
Total	**15**
Term 6 (Spring)	**Hours**
HIS 366 African History from 1870 or HIS 333 Twentieth Century Europe	3
HIS 300+ Elective	3
Free Elective	6
POS 211 Introduction to Political Science	3
Total	**15**
Term 7 (Fall)	**Hours**
BSS 499 Senior Colloquium	3

COS 100 Introduction to Computers	3
Liberal Studies Core	3
Liberal Studies Core	3
Liberal Studies Core	3
Total	**15**

Term 4 (Spring)	**Hours**
HIS 202 United States History from 1865	3
ENG 211 Introduction to Literature	3
HIS 300+ Elective	3
Free Elective	3
Minor Course	3
Total	**15**

HIS 300+ Elective	3
Minor Course	3
Free Electives	6
Total	**15**

Term 8 (Spring)	**Hours**
Free Electives	9
Minor Course	3
Minor Course	3
Total	**15**

SOCIAL SCIENCES- Social Studies Education Track

The Bachelor of Arts in Social Sciences with a Social Studies Education track prepares graduates to seek Kentucky teacher certification in Secondary School (8th through 12th grade). Admission to KSU's Social Studies Teacher Education Program (TEP) has specific requirements that include introductory education coursework, a nationally standardized test, and field hours in schools. A semester of full-time student teaching (70 days) is required in the student's last semester of study and admission to student teaching also has specific requirements, including coursework and 200 verified hours of field experiences. This degree is offered in conjunction with the School of Education, Human Development, and Consumer Sciences in the College of Agriculture, Community, and the Sciences, so students in this program should maintain close contact with their advisor in the School of Behavioral and Social Sciences as well as with the chair and faculty of the School of Education, Human Development, and Consumer Sciences. Students interested in becoming certified teachers are referred to the School of Education, Human Development, and Consumer Sciences section of this catalog to learn more about admission criteria and procedures.

SOCIAL SCIENCES – Sociology Track

To satisfy the requirements for the Bachelor of Arts degree in Social Sciences with a track in Sociology, a student must complete a minimum of 120 semester credit hours, including 30 semester credit hours in sociology. The required courses are SOC 300, 301, 304, 305, 403, 405, and 499. The student, in consultation with his or her advisor, must select an additional 9 semester credit hours of Sociology courses at the 300/400 level. Additionally, the student must complete a minor or an 18-hour sequence of 300/400 level interdisciplinary electives, 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 SOC 300 or 301; and 304 and 305; the remaining 9 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.

Contact
Dr. Cindy Glass
Location: 227 Hathaway Hall
Phone: (502) 597-5922
Email: cindy.glass@kysu.edu

Bachelor of Arts in Social Sciences
Sociology Track
120 hours

Term 1 (Fall)	**Hours**
SOC 203 Principles of Sociology	3

Term 5 (Fall)	**Hours**
SOC 405 Sociological Theory	3

MAT 200 Introduction to Statistical Reasoning or MA 115 College Algebra	4
ENG 101 English Composition I	4
KSU 118 Introduction to University Learning	3
Natural Science	3
Total	**17**
Term 2 (Spring)	**Hours**
BSS 300 Statistics for the Behavioral & Social Sciences	3
ENG 102 English Composition II	3
PSY 200 General Psychology	3
COM 103 Interpersonal Communication	3
KSU 186 Navigating the Tech World	3
Total	**15**
Term 3 (Fall)	**Hours**
SOC 304 Race and Ethic Relations	3
EDU 204 Cultural Responsiveness	3
MUS/ART/THE 130 or ENG 211	3
Free Elective	3
Minor	3
Total	**15**
Term 4 (Spring)	**Hours**
BSS 301 Research Methods for the Behavioral & Social Sciences	3
SOC/PSY 403 Social Psychology	3
SOC 305 Social Problems	3
Arts and Humanities Option 2	3
Minor Course	3
Total	**15**

SOC 300+ Elective	3
Minor Course	3
Minor Course	3
Free Elective	3
Total	**15**
Term 6 (Spring)	**Hours**
SOC 300+ Elective	3
Minor Course	3
Free Elective	3
Free Elective	3
Free Elective	3
Total	**15**
Term 7 (Fall)	**Hours**
BSS 499 Senior Colloquium	3
Minor Course	3
Minor Course	3
Free Elective	3
Free Elective	3
Total	**15**
Term 8 (Spring)	**Hours**
Free Elective	**3**
Free Elective	**3**
Free Elective	**1**
Minor Course	**3**
Minor Course	**3**
Total	**13**

Minors

African American Studies -18 credits

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 ENG 409; GEO 212; HIS 314, HIS 365, HIS 366, and HIS 411; MUS 323 and MUS 325; POS 462; and SOC 304.

Interdisciplinary Intelligence Studies – 18 credits

The minor in Interdisciplinary Intelligence Studies provides Behavioral and Social Science majors and other departments across the KSU campus instruction on security and intelligence issues such as terrorism and insurgency, radicalization, cyber security and cyber politics, behavioral profiling, counterintelligence and counterterrorism, and intelligence and national security. Students must successfully complete BSS 465; BSS 466; BSS 467; BSS 468; BSS 469; and BSS 470 with a C or better.

INTERNATIONAL STUDIES

Students at Kentucky State University must be prepared to participate and compete in our increasingly globally connected world. Thus, they need to be exposed to an international curriculum that enables them to interact in, understand, and appreciate cultures other than their own.

Minor - International Studies- 18 credits

A minor in International Studies requires the completion of 18 semester credit hours. Required courses for the minor include either Introduction to Geography (GEO 102) or Seminar in Africana Studies (ASP 202). The remaining 15 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:
AFE 117, AQU 408, AQU 422, ASP 102, ASP 202, ASP 301, ASP 302, ASP 305, ASP 306, ASP 466, ASP 488, ASP 499, BIO 319, BIO 422, BIO 435, BUA 370, CIT 355, CIT 370, COS 303, ECO 329, ECO 425, FIN 470, GEO 102, GEO 212, HIS 331, HIS 332, HIS 333, HIS341, HIS 342, HIS 365, HIS 366, HIS 424, IGS 301, IGS 302, IGS 303 IGS 305, LST 352, LST 491, MUS 333,POS 311, POS 361, POS 363, POS 462, POS 464, PUA 304, PUA 404, SOC 303, SOC 304, SPE 302.
Study abroad electives can be accepted for credit toward the minor upon the discretion of the International Studies Minor Coordinator.

PSYCHOLOGY

Psychology involves the scientific study of a vast array of phenomena related to the actions and experiences of organisms. Psychologists study phenomena such as perception, memory, thought, behavior, and the psychological, social, physiological, and developmental processes that underlie 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.

Psychology major/minor students must complete PSY 200 as part of the Liberal Studies Requirements. PSY 215 Orientation to Psychology, which does not count toward the core major requirements, must be taken as a pre-requisite.

Bachelor of Science in Psychology
120 credit hours

Term 1 (Fall)	Hours
PSY 200 General Psychology	3
MAT 200 Introduction to Statistical Reasoning or MA College Algebra 115	3
ENG 101 English Composition I	3
KSU 118 Introduction to University Learning	3
Liberal studies core - HIS 108	3
Total	**15**
Term 2 (Spring)	**Hours**
PSY 215 Orientation to Psychology	3
ENG 102 English Composition II	3
COM 103 Interpersonal Communication	3
Liberal Studies core- EDU 204 Cultural Responsiveness	3

Term 5 (Fall)	Hours
PSY 399 Seminar in Psychology	3
PSY 400+ Concentration	3
Minor Course	3
Minor Course	3
PSY 402 Industrial/Organizational Psychology	3
Total	**15**
Term 6 (Spring)	**Hours**
PSY 320 History & Systems of Psychology	3
PSY/SOC 403 Sociopsychology	3
PSY 400+ Concentration	3
Minor Course	3

KSU 186 Navigating the Tech World	3
Total	**15**
Term 3 (Fall)	**Hours**
BSS 300 Statistics for the Behavioral & Social Sciences	3
PSY 223 Theories & Methods of Developmental Psychology	3
MUS/ART/THE 130 or ENG 211	3
Liberal Studies Core - SOC 203	3
Liberal Studies Core - Natural Sciences	3
Total	**15**
Term 4 (Spring)	**Hours**
BSS 301 Research Methods for the Behavioral & Social Sciences	3
PSY 304 Experimental Psychology	3
PSY 400 Abnormal Psychology or PSY 401 Personality Theory	3
Liberal Studies Core	3
Minor Course	3
Total	**15**

Free Elective	3
Total	**15**
Term 7 (Fall)	**Hours**
BSS 499 Senior Colloquium	3
PSY 400+ Concentration	3
Minor Course	3
PSY 490/1/2 Practicum in Psychology	6
Total	**15**
Term 8 (Spring)	**Hours**
PSY 490/1/2 Practicum in Psychology	3
Minor Course	3
Minor Course	3
Free Electives	6
Total	**15**

Minor

Psychology 18 credits

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

Certificate

Certificate in Cultural Diversity Studies Credit hours required: 12	
Courses	**Credit Hours**
EDU 204 Cultural Responsiveness	3
SOC 304 Race and Ethnic Relations	3
SOC 343 Cultural Anthropology	3
Select one of the following:	
IGS 305 The Latina Experience	3
HIS 311 African Americans in the Twentieth Century	3
REL 201 Topics in Religion	3

School of BUSINESS

Academic Units and Degrees Offered

School of Business

- B.A. in Business Administration

Minors

Accounting
Business (for non-majors only)
Economics
Finance*
Management
Marketing

Mission

The mission of the School of Business is to provide an enriching and high-quality business education program in a liberal arts academic environment that promotes the intellectual, ethical, and social growth of its students who are well prepared to practice in their field of study for the global workforce and/or to pursue advanced education. The School acknowledges, values, and responds to the diverse backgrounds and abilities of its students. Student learning through teaching excellence is the highest priority of the school. The faculty in the School of Business is committed to continual intellectual contributions and professional growth, which support improvement in teaching, learning, and scholarship. Faculty engage in teaching, scholarly/creative activities, and service that promote the University, the community, and their profession.

Objectives

The overall objectives of the School of Business are categorized into three areas: teaching, intellectual contributions, and service. Specific objectives in each area are as follows:

Teaching

- Offer curriculum that reflects the latest developments in business and technology.
- Equip business students with effective communication, problem-solving , critical and creative thinking skills.
- Integrate technology into curriculum development and instruction delivery.
- Offer opportunities to encourage teamwork and diversity in group settings.

Intellectual Contributions

- Commit to the intellectual development of both students and faculty.
- Encourage faculty to engage in research activities.

Service

- Serve the School of Business; the University; the business community; academic and other professional organizations; and the local, state, national, and international communities.

Graduate Study Opportunities

The School also offers a program leading to the Master of Business Administration degree. This program is discussed in more detail in the separate Graduate Catalog.

Degree Programs

The School of Business offers a Bachelor of Arts degree in Business Administration at the undergraduate level which provides knowledge and skills that can be directly utilized by business professionals in both the private and public sectors. Multiple tracks are available including accounting, finance, general business, management, management information systems (MIS), marketing, and supply chain management. Minors are offered in the fields of business (only non-majors), accounting, economics, finance, management, and marketing. The School of Business offers a Five-Year Undergraduate/Graduate Program leading to the B.A. in Business Administration and the Master of Business Administration (MBA) degree. For additional information contact the Chair of the School of Business for additional information.

Accreditation

The baccalaureate degree programs offered by the School of Business are accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

Experiential Education

Students are provided the opportunity to participate in experiential educational programs either as a cooperative, or in an internship work endeavor. Students are assigned individual advisors/mentors to guide them through the general business curriculum and to assist them in fulfilling their career goals and objectives. The School of Business, in partnership with regional businesses and state government, offers dynamic internships, where students gain invaluable real-world experiences while earning college credits.

Degree Requirements

School of Business Liberal Studies Requirements

Students majoring in business complete the liberal studies requirements as defined in Chapter Eight (8) of this catalog. To minimize hours to degree, students should select ECO 201 as one of their Social Science choices and BUA 370 Global Business Issues as one of their Arts and Humanities selections.

B.A. – Business Administration – Business Common Professional Core Courses

Students completing the business common professional component will possess the broad skills necessary to pursue effectively their chosen track. The component provides a solid background in an organization's environment and operations and provides the analytical tools needed for problem-solving and decision-making.

Students should be able to:

- Understand the environment and operations of an organization
- Apply business-related analytical tools
- Apply professional and personal self-management skills.

The B.A. in Business Administration offers four tracks that are currently enrolling students including General Business, Accounting, Management and Marketing.

Other tracks, including Finance, Management Information Systems, and Supply Chain Management, are not currently enrolling students.

Accounting Track

The Business Administration program with a specialization in Accounting prepares students for exciting careers in accounting and also helps to prepare students to sit for the Uniform Certified Public Accountant (CPA) Examination. The Accounting program provides students with the knowledge and decision-making skills necessary for success in a

dynamic and complex global economy. The curriculum's strong liberal studies component, highly valued by the business community, provides students with a firm foundation for their future careers and lifelong learning.

Mission

Graduates in the accounting track will possess the knowledge and skills necessary for a professional accounting position in public accounting, industry, and government in an ever-changing, globally competitive business environment. This program also provides a solid background for students who may want to pursue graduate work in accounting or related areas. Graduates should be able to:

- Understand and apply principles and practices in the major functional areas of accounting;
- Demonstrate analytical, problem-solving, decision-making, communication, and information technology skills.

Career Opportunities

Students will have career opportunities in public accounting, industry, and at all levels of government. The program also prepares students for graduate degree opportunities, such as Master of Business Administration (M.B.A.) and an advanced/professional degree.

Bachelor of Arts in Business Administration
Accounting Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
BUA 101: Computer Applications in Bus	3
MAT 115A: Acc College Algebra	4
EDU 118: Intro to Univ. Learning	3
Humanities Requirement I	3
Total	**17**
Term 2 (Spring)	**Hours**
ENG 102: English Composition II	3
SPE 103: Interpersonal Communication	3
ECO 201: Principles of Economics I	3
KSU 186: Navigating the Tech World	3
Natural Science Requirement	4
Total	**16**
Term 3 (Fall)	**Hours**
ACC 201 Principles of Accounting I	3
ECO 202 Principles of Economics II	3
BUA 204 or ENG 216	3
Humanities Requirement II	3
Arts Block	3
Total	**15**
Term 4 (Spring)	**Hours**
ACC 202 Principles of Accounting II	3
FIN 305 Personal Finance	3
MGT 301: Principles of Management	3
MKT 301: Principles of Marketing	3
MIS 300: Management Information Sys	3
Total	**15**

Term 5 (Fall)	Hours
Social & Behavioral Science Requirement II	3
BUA 380: Leadership & Business Ethics	3
BUA 321 Legal Environment	3
ACC 301 Intermediate Accounting	3
ACC 308 Cost Accounting I	3
Total	**15**
Term 6 (Spring)	**Hours**
BUA 320 Business Statistics	3
BUA 370 Global Business Issues	3
FIN 330 Corporate Finance	3
ACC 302 Intermediate Accounting II	3
ACC 324 Accounting Information Systems	3
Total	**15**
Term 7 (Fall)	**Hours**
BUA 325 Business Research & Analysis	3
ECO 321 Quantitative Methods of Decision Making	3
BUA 370 Global Business Issues	3
ACC 303 Intermediate Accounting III	3
ACC 462 Federal Income Taxation	3
Total	**15**
Term 8 (Spring)	**Hours**
MGT 490 Strategic Management/Capstone	3
Senior Seminar	3
ACC 403 Auditing	3
Guided/Free Elective	3
Total	**12**

General Business Track

The Business Administration program with a specialization in General Business is designed to provide students a

broad scope of various areas of business so that students can develop an understanding and appreciation of the business world and its relationship to the global economy and society.

Mission

This program provides a broad business background for those interested in conceiving, initiating and developing new business ventures. Graduates would develop the analytical, writing, speaking and observation skills along with the confidence to become small business owners, entrepreneurs and consultants. The curriculum also has enough elective hours for students who may be interested in double majors (specialization). Graduates should be able to:

- Understand the industrial, national, and global environments in which a business operates;
- Analyze a wide variety of business situations and make appropriate decisions;
- Gather information from a variety of sources, integrate the information,
- Communicate the results to appropriate other people and groups.

Career Opportunities

Students who successfully complete the general business track have the choice of careers in business, industry, government, non-profit organizations, and entrepreneurial ventures. The curriculum also provides a sound background for graduate study in business and related areas.

Bachelor of Arts in Business Administration
General Business Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
BUA 101: Computer Applications in Bus	3
MAT 115A: Acc College Algebra	4
EDU 118: Intro to Univ. Learning	3
Humanities Requirement I	3
Total	**17**

Term 2 (Spring)	Hours
ENG 102: English Composition II	3
SPE 103: Interpersonal Communication	3
ECO 201: Principles of Economics I	3
KSU 186: Navigating the Tech World	3
Natural Science Requirement	4
Total	**16**

Term 3 (Fall)	Hours
ACC 201 Principles of Accounting I	3
ECO 202 Principles of Economics II	3
BUA 204 or ENG 216	3
Humanities Requirement II	3
Arts Block	3
Total	**15**

Term 4 (Spring)	Hours
ACC 202 Principles of Accounting II	3
FIN 305 Personal Finance	3
MGT 301: Principles of Management	3
MKT 301: Principles of Marketing	3
MIS 300: Management Information Sys	3
Total	**15**

Term 5 (Fall)	Hours
Social & Behavioral Science Requirement II	3
BUA 380: Leadership & Business Ethics	3
BUA 321 Legal Environment	3
ECO 329 International Economics	3
MGT 433 Human Resource Management	3
Total	**15**

Term 6 (Spring)	Hours
BUA 320 Business Statistics	3
BUA 370 Global Business Issues	3
FIN 330 Corporate Finance	3
MGT 465 Entrepreneurship	3
Guided Elective	3
Total	**15**

Term 7 (Fall)	Hours
BUA 325 Business Research & Analysis	3
ECO 321 Quantitative Methods of Decision Making	3
Guided Elective	3
Guided Elective	3
Guided Elective	3
Total	**15**

Term 8 (Spring)	Hours
MGT 490 Strategic Management/Capstone	3
BUA 402 Senior Seminar	3
Guided Elective	3
Guided Elective	3
Total	**12**

Management Track

The Business Administration program with a specialization in Management is designed to provide students the necessary basic understanding of management and the managerial role.

Mission

Graduates in the management specialization area will possess knowledge and skills necessary to fill professional management positions in corporate, government, or small business in an ever-changing, globally competitive business environment. This program also provides a solid background for students who may want to pursue graduate work in management or related areas. Graduates should be able to:

- Work effectively with others and lead others in a common (organizational) mission.
- Demonstrate analytical, problem-solving, decision-making, communication, quantitative, and information technology skills.

Career Opportunities

Students who successfully complete the management track have the choice of immediately beginning with a professional career, entrepreneurial ventures or continuing with graduate study. Professional careers beginning at the management-trainee or entry level may be pursued in the private or public sectors as well as in the profit or not-for-profit organizations. In the case of graduate study, students may elect a general degree program, such as the Master of Business Administration (M.B.A.), and an advanced/professional degree.

Bachelor of Arts in Business Administration
Management Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
BUA 101: Computer Applications in Bus	3
MAT 115A: Acc College Algebra	4
EDU 118: Intro to Univ. Learning	3
Humanities Requirement I	3
Total	**17**

Term 2 (Spring)	Hours
ENG 102: English Composition II	3
SPE 103: Interpersonal Communication	3
ECO 201: Principles of Economics I	3
KSU 186: Navigating the Tech World	3
Natural Science Requirement	4
Total	**16**

Term 3 (Fall)	Hours
ACC 201 Principles of Accounting I	3
ECO 202 Principles of Economics II	3
BUA 204 or ENG 216	3
Humanities Requirement II	3
Arts Block	3
Total	**15**

Term 4 (Spring)	Hours
ACC 202 Principles of Accounting II	3
FIN 305 Personal Finance	3
MGT 301: Principles of Management	3
MKT 301: Principles of Marketing	3
MIS 300: Management Information Sys	3

Term 5 (Fall)	Hours
Social & Behavioral Science Requirement II	3
BUA 380: Leadership & Business Ethics	3
BUA 321 Legal Environment	3
MGT 352 Supply Chain Management	3
MGT 433 Human Resource Management	3
Total	**15**

Term 6 (Spring)	Hours
BUA 320 Business Statistics	3
BUA 370 Global Business Issues	3
FIN 330 Corporate Finance	3
MGT 460 Human Behavior in Organization	3
MGT 465 Entrepreneurship	3
Total	**15**

Term 7 (Fall)	Hours
BUA 325 Business Research & Analysis	3
ECO 321 Quantitative Methods of Decision Making	3
MGT 355 Production Management	3
BUA 360 Quality Management	3
Guided Elective	3
Total	**15**

Term 8 (Spring)	Hours
MGT 490 Strategic Management/Capstone	3
BUA 402 Senior Seminar	3
MGT 465 Entrepreneurship	3
Guided Elective	3

Total	**15**

Total	**12**

Marketing Track

The Marketing curriculum provides a specialization of study for students planning careers in marketing research, advertising, retailing, or sales management.

Mission

Graduates in the marketing specialization will possess the communication, analytical, and problem-solving skills required for filling professional marketing positions in corporate, government, or small business organizations in an ever-changing, and globally competitive business environment. This program also provides a solid background for students who may want to pursue graduate work in business or related areas. Graduates should be able to:

- Understand basic marketing principles and apply them effectively in their professional lives;
- Design and manage programs that create and deliver the organization's products and services to its various markets; and
- Demonstrate analytical, problem-solving, decision-making, communication, quantitative and information technology skills.

Career Opportunities

Students who successfully complete the marketing track may either join the workforce immediately upon graduation or pursue a graduate degree. Career marketing opportunities include positions at management-trainee level in corporate marketing, sales, account management, distribution management, and advertising. Graduate degree opportunities include the M.B.A. (Master's of Business Administration).

Bachelor of Arts in Business Administration
Marketing Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
BUA 101: Computer Applications in Bus	3
MAT 115A: Acc College Algebra	4
EDU 118: Intro to Univ. Learning	3
Humanities Requirement I	3
Total	**17**
Term 2 (Spring)	**Hours**
ENG 102: English Composition II	3
SPE 103: Interpersonal Communication	3
ECO 201: Principles of Economics I	3
KSU 186: Navigating the Tech World	3
Natural Science Requirement	4
Total	**16**
Term 3 (Fall)	**Hours**
ACC 201 Principles of Accounting I	3
ECO 202 Principles of Economics II	3
BUA 204 or ENG 216	3
Humanities Requirement II	3
Arts Block	3
Total	**15**
Term 4 (Spring)	**Hours**
ACC 202 Principles of Accounting II	3

Term 5 (Fall)	Hours
Social & Behavioral Science Requirement II	3
BUA 380: Leadership & Business Ethics	3
BUA 321 Legal Environment	3
MGT 352 Supply Chain Management	3
MKT 310 Personal Selling	3
Total	**15**
Term 6 (Spring)	**Hours**
BUA 320 Business Statistics	3
BUA 370 Global Business Issues	3
FIN 330 Corporate Finance	3
MKT 315 Retailing Management	3
MGT 465 Entrepreneurship	3
Total	**15**
Term 7 (Fall)	**Hours**
BUA 325 Business Research & Analysis	3
ECO 321 Quantitative Methods of Decision Making	3
MKT 320 Marketing Communication	3
MKT 440 Consumer Behavior	3
MKT 325 Electronic Commerce	3
Total	**15**
Term 8 (Spring)	**Hours**
MGT 490 Strategic Management/Capstone	3

FIN 305 Personal Finance	3
MGT 301: Principles of Management	3
MKT 301: Principles of Marketing	3
MIS 300: Management Information Sys	3
Total	**15**

MKT 430 Marketing Research	3
MKT 490 Strategic Marketing Mgt.	3
BUA 402 Senior Seminar	3
Total	**12**

Bachelor of Arts in Business Administration
Management Information Systems Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
BUA 101: Computer Applications in Bus	3
MAT 115A: Acc College Algebra	4
EDU 118: Intro to Univ. Learning	3
Humanities Requirement I	3
Total	**17**
Term 2 (Spring)	**Hours**
ENG 102: English Composition II	3
SPE 103: Interpersonal Communication	3
ECO 201: Principles of Economics I	3
KSU 186: Navigating the Tech World	3
Natural Science Requirement	4
Total	**16**
Term 3 (Fall)	**Hours**
ACC 201 Principles of Accounting I	3
ECO 202 Principles of Economics II	3
BUA 204 or ENG 216	3
Humanities Requirement II	3
Arts Block	3
Total	**15**
Term 4 (Spring)	**Hours**
ACC 202 Principles of Accounting II	3
FIN 305 Personal Finance	3
MGT 301: Principles of Management	3
MKT 301: Principles of Marketing	3
MIS 300: Management Information Sys	3
Total	**15**

Term 5 (Fall)	Hours
Social & Behavioral Science Requirement II	3
BUA 380: Leadership & Business Ethics	3
BUA 321 Legal Environment	3
MIS 301 Business App. Dev/Prog	3
MIS 303 Business Database Systems	3
Total	**15**
Term 6 (Spring)	**Hours**
BUA 320 Business Statistics	3
BUA 370 Global Business Issues	3
FIN 330 Corporate Finance	3
MGT 465 Entrepreneurship	3
MIS 320 Intro to ERP & Business Processes	3
Total	**15**
Term 7 (Fall)	**Hours**
BUA 325 Business Research & Analysis	3
ECO 321 Quantitative Methods of Decision Making	3
MGT 475 Entrepreneurship	3
MIS 360 Advanced MIS	3
MIS 370 Electronic Commerce	3
Total	**15**
Term 8 (Spring)	**Hours**
BUA 402 Senior Seminar	3
MGT 490 Strategic Management/Capstone	3
MIS 410 Internet Application Development	3
MIS 475 Intro to Enterprise Architecture	3
Total	**12**

Bachelor of Arts in Business Administration
Finance Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
BUA 101: Computer Applications in Bus	3
MAT 115A: Acc College Algebra	4
EDU 118: Intro to Univ. Learning	3
Humanities Requirement I	3

Term 5 (Fall)	Hours
Social & Behavioral Science Requirement II	3
BUA 380: Leadership & Business Ethics	3
BUA 321 Legal Environment	3
FIN 330: Corporate Finance	3
FIN 405: Career & Research Skills in Finance & Investment	3

Total	**17**
Term 2 (Spring)	**Hours**
ENG 102: English Composition II	3
SPE 103: Interpersonal Communication	3
ECO 201: Principles of Economics I	3
KSU 186: Navigating the Tech World	3
Natural Science Requirement	4
Total	**16**
Term 3 (Fall)	**Hours**
ACC 201 Principles of Accounting I	3
ECO 202 Principles of Economics II	3
BUA 204 or ENG 216	3
Humanities Requirement II	3
Arts Block	3
Total	**15**
Term 4 (Spring)	**Hours**
ACC 202 Principles of Accounting II	3
FIN 305 Personal Finance	3
MGT 301: Principles of Management	3
MKT 301: Principles of Marketing	3
MIS 300: Management Information Sys	3
Total	**15**

Total	**15**
Term 6 (Spring)	**Hours**
BUA 320 Business Statistics	3
BUA 370 Global Business Issues	3
FIN 421: Cases in Financial Management	3
FIN 425: Analysis of Financial Statements	3
FIN 440: Financial Institutions	3
Total	**15**
Term 7 (Fall)	**Hours**
BUA 325 Business Research & Analysis	3
ECO 321 Quantitative Methods of Decision Making	3
FIN 450: Investment Analysis	3
MGT 475 Entrepreneurship	3
Guided Elective	3
Total	**15**
Term 8 (Spring)	**Hours**
BUA 402 Senior Seminar	3
MGT 490 Strategic Management/Capstone	3
FIN 475: Behavioral Finance	3
Guided Elective	3
Total	**12**

Bachelor of Arts in Business Administration
Supply Chain Management Track
120 credit hours

Term 1 (Fall)	**Hours**
ENG 101: English Composition I	4
BUA 101: Computer Applications in Bus	3
MAT 115A: Acc College Algebra	4
EDU 118: Intro to Univ. Learning	3
Humanities Requirement I	3
Total	**17**
Term 2 (Spring)	**Hours**
ENG 102: English Composition II	3
SPE 103: Interpersonal Communication	3
ECO 201: Principles of Economics I	3
KSU 186: Navigating the Tech World	3
Natural Science Requirement	4
Total	**16**
Term 3 (Fall)	**Hours**
ACC 201 Principles of Accounting I	3
ECO 202 Principles of Economics II	3
BUA 204 or ENG 216	3
Humanities Requirement II	3
Arts Block	3
Total	**15**
Term 4 (Spring)	**Hours**
ACC 202 Principles of Accounting II	3
FIN 305 Personal Finance	3

Term 5 (Fall)	**Hours**
Social & Behavioral Science Requirement II	3
BUA 380: Leadership & Business Ethics	3
BUA 321 Legal Environment	3
BUA 355: Performance Metrics	3
MGT 352 Supply Chain Management	3
Total	**15**
Term 6 (Spring)	**Hours**
BUA 320 Business Statistics	3
BUA 370 Global Business Issues	3
BUA 360: Quality Management	3
FIN 330: Corporate Finance	3
MGT 465 Entrepreneurship	3
Total	**15**
Term 7 (Fall)	**Hours**
BUA 325: Business Research & Analysis	3
ECO 321: Quantitative Methods of Decision Making	3
SCM 320: Sourcing	3
SCM 340: Logistics	3
SCM 452: Global Supply Chain Management	3
Total	**15**
Term 8 (Spring)	**Hours**
BUA 402 Senior Seminar	3
MGT 490 Strategic Management/Capstone	3

MGT 301: Principles of Management	3
MKT 301: Principles of Marketing	3
MIS 300: Management Information Sys	3
Total	**15**

SCM 490: Supply Chain Solutions with ERP	3
Guided Elective	3
Total	**12**

Minor
Accounting 18 credits
Students electing a minor in accounting should complete the following course sequence: ACC 201, 202, 301, 302; ECO 202 and one ACC elective.
(1) Students should enroll in ECO 201 as part of the Liberal Studies Requirements.

Minor
Business (non-majors only) 21 credits
Students electing a minor in business should complete the following course sequence: ACC 201, 202; BUA 101, 204 or ENG 216; ECO 202; MGT 301 and MKT 301.
(1) Students should enroll in ECO 201 as part of the Liberal Studies Requirements.

Minor
Economics 18 credits
Students electing a minor in economics should complete the following course sequence: BUA 320; ECO 202, 301, 302; and six hours of 300/400-level professional ECO or FIN electives.

Minor
Management 21 credits
Students electing a minor in management should complete the following course sequence: ACC 201, 202; ECO 202; MGT 301, 433, 460; and PSY 402 or any MGT elective.

Minor
Marketing 21 credits
Students electing a minor in marketing should complete the following course sequence: ACC 201, 202; ECO 202; MKT 301, 320, 440, and 490.

Certificate

Certificate in Entrepreneurship Credit hours required: 15	
Courses	**Credit Hours**
MGT 465 Entrepreneurship	3
BUA 321 Legal Environment	3
MKT 301 Principles in Marketing	3
MGT 301 Principles in Management	3
ACC 201 Principles of Accounting I	3

SCHOOL OF HUMANITIES AND PERFORMING ARTS

The School of Humanities and Performing Arts is comprised of baccalaureate degree programs, academic minors, and formal curricular experiences that broaden human potential, promote intellectual and aesthetic inquiry, and foster artistic creativity and growth. The School's programs include Literature, Language, Philosophy, Music and Theatre which provide an aesthetic, intellectual and multicultural environment that is vital to the greater institutional community, engaging that community in actively "doing art," and preparing Kentucky State University's students for a variety of professions in the Humanities, Arts and related fields. Through presentations such as concerts, recitals, theatre productions, exhibitions, lectures, master classes and workshops, the school provides an aesthetic and cultural environment vital to academic life. The School prepares its majors for a variety of professions in the arts and related fields and gives them a foundation for graduate study.

The School additionally supports the University's mission by providing liberal studies courses in music and theater; 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 arts educators, performers, and producers. Finally, the Division promotes teaching excellence through its maintenance of a low student-faculty ratio and its emphasis on performance-based goals. The School of Humanities and Performing Arts offers several scholarships. To view the scholarships available and the award criteria, visit http://kysu.edu/academics/college-of-arts-and-sciences/music.

MUSIC

Maintaining membership with and accreditation by the National Association of Schools of Music (NASM) since 1971, the School of Music has a long and distinguished legacy of award-winning performance ensembles and has produced leaders in the fields of musical performance and music education.

The unit counts among its alumni Grammy-nominated musicians and performers who have attained distinguished national and international careers. A survey of professional venues reveals the department's students to be active in a wide variety of regional, as well as national performance arenas, including Broadway and the Metropolitan Opera.

The music degree programs include the Bachelor of Arts in Music with tracks in General Music, Music Industry and Production, Music and Theatre*, and Jazz and World Music*, the Bachelor of Music-Education, and the Bachelor of Music- Performance. Additionally, the Department offers the minor in Music and Short-term certificates in Music and Culture of the African Diaspora and Music Industry and Production. *These tracks are not currently offered.

General Studies Requirements
All majors in the Bachelor of Arts in Music and Bachelor of Music degree programs must successfully complete either the University Liberal Studies General Core Requirements (except for the Fine Arts component—ART 130 or THE 130)—or the Whitney Young School Honors Core. If the University Liberal Studies General Core is chosen, then MUS 323 African American Music or MUS 325 Jazz History and Literature may be substituted for the IGS elective (IGS 301, 302, 303, or 304).

Bachelor of Arts in Music - The Bachelor of Arts in Music degree is intended for the Kentucky State University student who wishes to study music within a liberal studies framework and use the degree as a foundation for a wide range of career options and/or graduate study in music or other academic areas. The emphasis placed on electives in music and general studies provides the student with opportunities for distinctive educational experiences oriented to his or her specific needs and interests, for example, music industry studies, jazz studies, music theory/composition, performance, and music history/literature. The degree requires the successful completion of 120 semester credit hours.

Bachelor of Music Education - The Bachelor of Music Education degree prepares students to seek teacher certification i n grades primary-12. The Teacher Education Program in Music has specific admissions requirements and coursework,

including a semester of full-
time student teaching. Students may specialize in keyboard, instrumental, or vocal music education. The degree is offered in conjunction with the School of Education, Human Development, and Consumer Sciences in the College of Agriculture, Community, and the Sciences. All students in the music education program must enroll in and successfully complete a dual placement supervised teaching experience (EDU 484) at both the elementary and secondary levels. Students
in this program should maintain close contact with their Music Education advisor in the Division as well as the faculty in the School of Education, Human Development, and Consumer Sciences.

Bachelor of Music in Performance - The Bachelor of Music in Performance degree allows a student to undertake a performance centered curriculum. A student pursuing this degree will focus within one of three areas of emphasis - keyboard, instrumental (brass, woodwind, percussion) or vocal.

Music Placement Examinations
Placement examinations in music theory, piano, and applied music 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 Mus ic Theory
Placement Examination is administered to determine the student's level of entry in the music theory sequence (MUS 10 1 or MUS 112). 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 placements are facilitated by the music faculty to determine the student's level of entry into the major or minor sequence of applied studies.

Applied Music Jury Examinations
All major applied students are required to perform a jury examination each semester of study. However, a student must have successfully completed at least 70-percent of repertoire assigned by the applied instructor during the semester to be eligible to perform the jury. If the student does not perform a jury, or is ineligible to perform a jury, then the applied music course is failed. In order for an absence from a scheduled applied music jury to be excused, a student must submit an official excuse from the Office of Student Affairs at least one day prior to the jury, or if there are serious mitigating circumstances, no later than the end of the Final Examination Week. If the absence is excused, then the student may receive an incomplete grade (I) in accordance with University academic policy. If the absence is unexcused, then the jury is failed, resulting in failure of the course.

Sophomore Applied Music Proficiency Examination
The Sophomore Applied Music Proficiency Examination is the MUA 262 or MUA 282 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 their music degree program or elect another degree program in the University.

Removal from Major
Students may be removed from the Bachelor of Arts in Music and Bachelor of Music degree programs if they have not successfully completed (passed) the Sophomore Applied Music Proficiency Examination on their major instrument or voice within two successive semesters. A student who fails the examination on the first attempt will be allowed a second attempt in the
following semester. A student who fails the examination on the second attempt will be removed from the major and will be returned to undeclared status.

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 performance requirements, capstone requirements, or recital requirements are completed. Changes in the principal performance area must be approved by a quorum of the music faculty. If the change in the principal performance area is approved by the music faculty, the student is required to begin major applied in the new principal performance area at a level to be determined by music faculty.

Required Recital Performances

All music majors enrolled in the Bachelor of Music degree program must perform a junior and/or senior recital on their major instrument or voice to demonstrate knowledge of applicable solo performance literature and competency in its preparation. Students enrolled in the music education program must perform a recital of 30 minutes of music (Senior Recital) during the semester of enrollment in MUA 461. Students enrolled in the music performance program must perform a recital of 30 minutes of music during the semester of enrollment in MUA 382 (Junior Recital), and a recital of 45 minutes of music during the semester of enrollment in MUA 482 (Senior Recital). Students enrolled in the general music, Industry and Production*, and Jazz and World Music* tracks must perform a recital of 30 minutes or present a Capstone Project during the semester enrolled in MUA 462 or MUI 499. All recitals must be heard and 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 week of final examinations of the applicable semester. * Not currently offered.

Bachelor of Arts in Music
120 credit hours

Term 1 (Fall)	Hours
MAT 111: Contemporary Mathematics	3
ENG 101: English Composition I	4
KSU 118: BRED Orientation	3
Natural Science Requirement	3
MUS 104 Freshman Music Orientation	1
MUA 161 Major Applied I	1
MUP 3** Ensemble	1
MUC 110 Class Piano I	1
Total	**17**

Term 2 (Spring)	Hours
KSU 186: Navigating the Tech World	3
ENG 102 English Composition II	3
COM 103 Interpersonal Communication	3
MUS 101 Basic Music Theory	3
MUA 162 Major Applied II	1
MUP 3** Ensemble	1
MUC 111 Class Piano II	1
Total	**15**

Term 3 (Fall)	Hours
Social & Behavioral Science Requirement	3
Art & Humanities Requirement	3
MUA 261 Major Applies III	1

Term 5 (Fall)	Hours
MUA 361 Major Applied V/Lab	1
MUS 3** Music History & Literature Requirement	3
MUP *** Ensemble	1
Advised Music Electives	6
Free Electives	4
Total	**15**

Term 6 (Spring)	Hours
MUA 362 Major Applied VI/Lab	1
MUS 3** Music History & Literature Requirement	3
MUP *** Ensemble	1
Advised Music Electives	4
Free Electives	6
Total	**15**

Term 7 (Fall)	Hours
MUA 461 Major Applied VII/Senior Recital	1
MUS 3** Music History & Literature Requirement	3
Advised Music Elective	1

MUS 112 Music Theory I/Lab	3
MUS 113 Aural Skills I	1
MUP 3** Ensemble	1
MUS 323 African American Music	3
Total	**15**

Term 4 (Spring)	**Hours**
Social & Behavioral Science Requirement	3
Art & Humanities Requirement	3
MUA 262 Major Applied IV	1
MUS 114 Music Theory II/Lab	3
MUS 115 Aural Skills II	1
MUP 3** Ensemble	1
MUI 101 Survey of Music Industry	3
Total	**15**

Free Electives	9
Total	**14**

Term 8 (Spring)	**Hours**
MUA 462 Major Applied VIII/Senior Recital	1
Advised Music Electives	4
Free Electives	9
Total	**14**

Bachelor of Arts in Music
Music Industry and Production Track
121 credit hours

Term 1 (Fall)	**Hours**
ENG 101: English Composition I	4
KSU 118: BRED Orientation	3
MAT 111 Contemporary Mathematics	3
MUS 104 Freshman Orientation in Music	1
MUA 161 Major Applied I/Lab	1
MUP *** Major Ensemble	1
MUC 110 Class Piano I	1
Natural Science Requirement	3
Total	**17**

Term 2 (Spring)	**Hours**
KSU 186: Navigating the Tech World	3
ENG 102 English Composition II	3
COM 103 Interpersonal Communication	3
MUS 101 Basic Music Theory	3
MUA 162 Major Applied II	1
MUC 111 Class Piano II	1
MUP *** Ensemble	1
Total	**15**

Term 3 (Fall)	**Hours**
Social & Behavioral Science Requirement	3
MUA 261 Major Applied III	1
MUS 112 Music Theory I/Lab	3
MUS 113 Aural Skills I	1
MUP *** Ensemble	1
MUS 323 African American Music	3
MUI 101 Survey of Music Industry I	3
Total	**15**

Term 4 (Spring)	**Hours**
Social & Behavioral Science Requirement	3
Arts & Humanities Requirement	3
MUA 262 Major Applied IV	1
MUS 114 Music Theory II/Lab	3
MUS 115 Aural Skills II	1
MUP *** Ensemble	1

Term 5 (Fall)	**Hours**
Arts & Humanities Requirement	3
Free Electives	4
MUA 361 Major Applied V/Lab	1
MUS 3** Music History & Literature Requirement	3
MUP *** Ensemble	1
MUI 203 Music Technology Applications	3
Total	**15**

Term 6 (Spring)	**Hours**
Free Electives	7
MUA 362 Major Applied VI/Lab	1
MUS 3** Music History & Literature Requirement	3
MUP *** Ensemble	1
MUI 302 Music Publishing, Copyright, & Licensing	3
Total	**15**

Term 7 (Fall)	**Hours**
MUA 461 Major Applied VII/Senior Recital	1
MUI 402 Production	3
MUS 3** Music History & Literature Requirement	3
Free Electives	8
Total	**15**

Term 8 (Spring)	**Hours**
MUA 462 Major Applied VIII/Senior Recital	2
MUI 499 Senior Project in Music Production	3
Free Electives	9

MUI 102 Survey of Music Industry II	3
Total	**15**

Total	**14**

Bachelor of Music Education (B.M.E.)
120 credit hours

Term 1 (Fall)	Hours
ENG 101	4
KSU 118	3
Arts and Humanities	3
COM 103	3
Social Science	3
MUP	1
Total	**17**

Term 2 (Spring)	Hours
ENG 102	3
KSU 186	3
MATH 111 or Higher	3
Science	3
Social Science	3
MUP	1
MUP	1
Total	**17**

Term 3 (Fall)	Hours
EDU 202	3
EDU 310	3
Arts and Humanities	3
MUS 104	1
MUS 112	3
MUP	1
MUA 161	1
MUP	1
Total	**16**

Term 4 (Spring)	Hours
EDU 302	3
EDU 304	3
MUS 114	3
Arts and Humanities	3
MUP	1
MUP	1
MUA 162	1
MUP	1
Total	**16**

Term 5 (Fall)	Hours
MUE 203	3
MUE 331	3
MUP	1
MUS 113	1
MUS 321	3
MUS 342	1
MUA 261	1
MUS 341	1
Total	**14**

Term 6 (Spring)	Hours
MUE 332	3
MUE 435 OR 437	2
MUS 115	1
MUA 262	1
MUS 322	3
MUC 343	1
MUA 361	1
MUS 403	2
MUC 345	1
Total	**15**

Term 7 (Fall)	Hours
MUS 212	3
MUS 213	1
MUS 214	3
MUS 215	1
MUS 352	2
MUA 362	1
MUC 347	1
MUA 461	1
Total	**13**

Term 8 (Spring)	Hours
EDU 454	12
Total	**12**

Bachelor of Music Performance
121 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
KSU 118: BRED Orientation	3
MUA 181 Major Applied I/Lab	2

Term 5 (Fall)	Hours
Arts & Humanities Requirement	3
Social & Behavioral Sciences Requirement	3
MUS 321 Survey of Music History I	3

MUS 104 Freshman Music Orientation	1
MUS 112 Music Theory I/Lab	3
MUS 113 Aural Skills I	1
MUP *** Major Ensemble	1
MUP *** Ensemble Elective	1
Total	**16**
Term 2 (Spring)	**Hours**
KSU 186: Navigating the Tech World	3
ENG 102 English Composition II	3
MAT 111 Contemporary Mathematics	3
MUA 182 Major Applied II/Lab	2
MUS 114 Music Theory II/Lab	3
MUS 115 Aural Skills II	1
MUP *** Major Ensemble	1
MUP *** Ensemble Elective	1
Total	**17**
Term 3 (Fall)	**Hours**
COM 103 Interpersonal Communications	3
Natural Science Requirement	3
MUA 281 Major Applied III/Lab	2
MUS 212 Music Theory II/Lab	3
MUS 213 Aural Skills I	1
MUA 121 Minor Applied Piano	0.5
MUP 3** Ensemble	1
MUP *** Ensemble Elective	1
Total	**14.5**
Term 4 (Spring)	**Hours**
Social & Behavioral Science Requirement	3
Art & Humanities Requirement	3
MUA 282 Major Applied IV/Lab	2
MUS 214 Music Theory IV/Lab	3
MUS 215 Aural Skills IV	1
MUA 122 Minor Applied Piano	0.5
MUP 3** Ensemble	1
MUP *** Ensemble Elective	1
Total	**14.5**

MUA 381 Major Applied V/Lab	2
MUA 221 Minor Applied Piano	0.5
MUP *** Major Ensemble	1
MUP *** Ensemble Elective	1
MUS 237 Lyric Diction I (Vocal Majors Only)	1
MUS 352 Conducting	2
Total	**16.5**
Term 6 (Spring)	**Hours**
Arts & Humanities Requirement	3
Free Electives	3
MUS 322 Survey of Music History II	3
MUA 382 Major Applied VI/Lab	2
MUA 222 Minor Applied Piano	0.5
MUP *** Major Ensemble	1
MUP *** Ensemble Elective	1
MUS 237 Lyric Diction I (Vocal Majors Only)	1
Total	**14.5**
Term 7 (Fall)	**Hours**
MUA 481 Major Applied VII/Lab	3
MUS 403 Instrumental & Vocal Arranging	2
MUS 426 Music Literature I	3
MUS 428/429/430 Keyboard/Vocal/Instrumental Literature	3
MUP *** Major Ensemble	1
MUP *** Ensemble Elective	1
Total	**13**
Term 8 (Spring)	**Hours**
MUA 481 Major Applied VII/Lab	4
MUS 427 Music Literature II	3
MUP *** Major Ensemble	1
MUP *** Ensemble Elective	1
Free Electives	6
Total	**15**

Minor

Music- 18 credits

The Minor in Music requires the completion of 18 semester credit hours. These include three hours of music theory (MUS 101, 112, or 114); three hours of music history (MUS 300, 301, 321, 322, 323, 325); two hours of class piano and/or Aural skills (level of entry to be determined by the Placement Examination); two hours of minor applied courses chosen from the MUA 121–422 sequence (level of entry to be determined by audition); and four hours of music ensemble courses; and four hours of music electives. Additionally, students pursuing this minor are highly encouraged to select either MUS 323 or MUS 325 as the final upper level IGS course.

Minor applied courses MUA 121-MUA 421 will be offered to music majors who need a minor applied course or declared music minors enrolled in required courses for the music performance.

Music Industry and Production* 18 credits

MUI 101 MUI 102 MUI 203 MUI 298 MUI 302 MUI 398 MUI 402 MUI 498 MUI 499

*Not currently offered

Certificates

Certificate in Music and Culture of the African Diaspora

The 3-course, twelve credit hour Short Term Divisional Certificate in Music and Culture of the African Diaspora provides a solid
primer on the origins and backgrounds of music and cultural practices that originated in Africa, and were developed in all regions of the Western world. The program begins with Music and Culture of the African Diaspora-Africa and Spain. This course will
provide an introduction to the various music cultures of Africa. Beginning with an overview of the study of music in wor ld cultures, ethnomusicology, we will progress to analyze the role of music in African cultures based on their religious beliefs and practices, technology, traditions, and attitudes towards change and innovation. Through selected readings, audio, video and interactive viewing and listening activities students will experience the historical, sociological and cultural processes through which African musical traditions began, grew and matured and flourished.

Students will then proceed to Music and Culture of the African Diaspora-
The Northern Hemisphere, a focused examination of the history and current scholarship of African
American music from the eighteenth through the twentieth century. This includes some of the following: African legacies, slave culture and religion, music in the early black church, folk traditions, spirituals, popular music, various composers, and especially the sociological implications of the development of protest music and its eventual evolution into Empowerment Songs. The course will utilize North American musical forms to explore sociological and artistic parallels, especially as they relate to the ability of a displaced people to use music and related art forms
to resist abasement and oppression. This examination will employ Testifycation Theory as the basis of
these explorations

The culminating and final course, Music and Culture of the African Diaspora-
The Southern Hemisphere, will explore the richness
and diversity of Latin American and Caribbean music, and facilitate an appreciation for the cultural connections arising from their African legacies, The course will utilize Caribbean musical forms to explore sociological and artistic parallels, slave culture and religion, and especially as they relate to the ability of a displaced people to use music and related art forms to resist abasement and oppression. This examination employs Testifycation Theory as the basis of these explorations.

Certificate in Music Industry and Production

The Certificate in Music Industry and Production consists of a minimum of 12 semester credit hours selected from the following components:

Component 1: Music Industry (6 credit hours)

MUI 101: Survey of the Music Industry I. A survey of the history and practices of the music industry. Students are introduced to
careers and career planning, qualifications and credentials, and trade associations and unions in the music industry. Pre requisite: Consent of instructor. Credit: Three Semester Hours.

MUI 102: Survey of the Music Industry II. A continuation of MUI 101. A survey of the structures, economics, and operations of the recording industry; music publishing and distribution systems; intellectual property; and issues related to live music performance. Prerequisite: MUI 101. Credit: Three Semester Hours.

Component 2: Music Production (6 credit hours, selected from the following options)

MUI 203: Music Technology Applications. Practical applications of computer-based music notation and sequencing, music synthesis, digital editing, and sound design. Prerequisite: MUI 102. Credit: Three Semester Hours.
MUI 298: Special Topics in Music Production. An exploration of contemporary topics in music production. May be repeated once for credit for different topic. Prerequisite: Consent of instructor. Credit: Three Semester Hours.

MUI 302: Music Publishing, Copyright, and Licensing. A study of the music publishing and recording industry with emphasis on copyright and related issues through an examination of copyright law, contracts, licensing, catalog development, and foreign publishing. Prerequisite: MUI 102 or consent of instructor. Credit: Three Semester Hours.

MUI 398: Special Topics in Music Production. An exploration of contemporary topics in music production. May be repeated once for credit for different topic. Prerequisite: Consent of instructor. Credit: Three Semester Hours.

MUI 402: Artist Representation, Promotion, and Concert Tour Production. A study of the Methods and practices of artist representation, promotion, and concert tour production. Prerequisite: MUI 302. Credit: Three Semester Hours.

MUI 498: Special Topics in Music Production. An exploration of contemporary topics in music production. May be repeated once for credit for different topic. Prerequisite: Consent of instructor. Credit: Three Semester Hours.

MUI 499: Senior Project in Music Production. Capstone course of the music industry studies elective track of the Bachel or of Arts
in Music degree. The student will be involved in all aspects of recording production including artist and music selection s; session planning; and digital recording, overdubbing editing, mixing, and mastering during his/her senior year. To successfully complete and pass the course, the senior project must be presented to a Music faculty jury for review. Prerequisite: Consent of instructor. Credit: Three Semester Hours.

HUMANITIES

The study of the Language Arts has always been central to a liberal arts curriculum. The Unit of Literature, Languages, and Philosophy offers the bachelor of arts degree in English with tracks in literature, creative writing, professional writing, or certification in teaching English; a bachelor of arts degree in mass communication/journalism; 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 track of their choice: literature, creative writing, professional writing, or English education.

The Unit also offers minor programs in English, French*, Philosophy*, Creative Writing, and Journalism. 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.

Unit Attendance Policy

For all classes offered by the Division of Literature, Languages and Philosophy, the Unit 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.

B.A. ENGLISH

Admission to the program requires formal application and acceptance into the program. After a prospective English major's successful completion of ENG 215 or 211, the applicant (or applicant's advisor) must submit a completed file to the English Major Committee for consideration for admission to the English Major Program.

To apply to be an English Major, you must supply the following materials:

- Evidence of a minimum GPA of 3.0 in English 101, 102, and 211/215 or a letter of recommendation from your advisor or English instructor; One formally submitted and graded paper from one of your English classes;
- A letter of application briefly describing yourself and your reasons for wishing to major in English.
- Materials should be submitted in a manila envelope, labeled with the applicant's complete name, a current phone number, and the applicant's KSU e-mail address.

An applicant may expect written notification of his/her departmental status during the semester of application.

Student Competencies

To receive a Bachelor of Arts 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.

A student who receives below a C in two major classes will have his or her record evaluated by English Major Committee. The English Major Committee can remove any student from the English major whose academic progress in English classes is deemed insufficient or who has been recommended for removal by an English instructor or by the Division Chair due to academic dishonesty (plagiarism).

English Education

The Unit collaborates with the School of Education, Human Development, and Consumer Sciences in the College of Public Service and Leadership Studies to offer a track in English Education. This track prepares students for teacher certification in including serving a semester as a full-time student teacher. Details for this degree program are provided in the School of Education, Human Development, and Consumer Sciences section of this catalog. In addition to the required education courses, the student must complete the courses below and complete ENG 311 in order to fulfill core requirements in writing and language. For admission criteria and procedures as well as specific requirements to receive teacher certification, interested students should consult the School of Education, Human Development, and Consumer Sciences chapter of this catalog.

Bachelor of Arts in English
Literature Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
COM 103: Interpersonal Communication	3
MAT 115A: Contemporary Mathematics	4
KSU 118: Introduction to University Learning	3
ART/MUS/THE130	3
Total	**17**
Term 2 (Spring)	**Hours**
ENG 102: English Composition II	3
Natural Science	3
POS/HIS/SOC/ECO/FIN	3
KSU 186: Navigating the Tech World	3
Humanities option I	3
Total	**15**
Term 3 (Fall)	**Hours**
ENG 211: Intro to Literature	3
Humanities or General Elective	3
Natural Science	3
Guided Elective	3
Guided Elective	3
Total	**15**
Term 4 (Spring)	**Hours**
ENG 214/216 or JOU 204	3

Term 5 (Fall)	Hours
ENG 313: Nonwestern Literature	3
ENG 322: Survey of British Literature I	3
ENG 324: Survey of American Literature I	3
ENG 397: Special Topics	3
Free Elective	3
Total	**15**
Term 6 (Spring)	**Hours**
ENG 323: Survey of British Literature II	3
ENG 325: Survey of American Literature II	3
ENG 311/315/317	3
ENG 399: Special Topics II	3
Free Elective	3
Total	**15**
Term 7 (Fall)	**Hours**
ENG 413: Literary Criticism	3
ENG 409: Literature of African Americans	3
ENG 389 Literary Genres	3
Free Elective	3
Free Elective	3
Total	**15**
Term 8 (Spring)	**Hours**
ENG 499: English Capstone	3

General Elective	3
POS/HIS/SOC/ECO/FIN	3
Free Elective	3
Free Elective	3
Total	**15**

ENG 411/ ENG 415	3
Free Elective	3
Free Elective	3
Free Elective	1
Total	**13**

Bachelor of Arts in English
Creative Writing Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
COM 103: Interpersonal Communication	3
MAT 115A: Contemporary Mathematics	4
KSU 118: Introduction to University Learning	3
ART/MUS/THE130	3
Total	**17**
Term 2 (Spring)	**Hours**
ENG 102: English Composition II	3
Natural Science	3
POS/HIS/SOC/ECO/FIN	3
KSU 186: Navigating the Tech World	3
Humanities option I	3
Total	**15**
Term 3 (Fall)	**Hours**
ENG 211: Intro to Literature	3
Humanities or General Elective	3
Natural Science	3
Guided Elective	3
Guided Elective	3
Total	**15**
Term 4 (Spring)	**Hours**
ENG 214/216 or JOU 204	3
Free Elective	3
POS/HIS/SOC/ECO/FIN	3
Guided Elective	3
Guided Elective	3
Total	**15**

Term 5 (Fall)	Hours
ENG 313: Nonwestern Literature	3
ENG 322: Survey of British Literature I	3
ENG 324: Survey of American Literature I	3
ENG 342: Writing Poetry	3
Free Elective	3
Total	**15**
Term 6 (Spring)	**Hours**
ENG 323: Survey of British Literature II	3
ENG 325: Survey of American Literature II	3
ENG 311/315/317	3
ENG 343: Writing Creative Nonfiction	3
Free Elective	3
Total	**15**
Term 7 (Fall)	**Hours**
ENG 413: Literary Criticism	3
ENG 409: Literature of African Americans	3
ENG 397: Special Topics	3
ENG 490: Senior Creative Project	3
ENG 345: Writing Drama/Screenplay	3
Total	**15**
Term 8 (Spring)	**Hours**
ENG 499: English Capstone	3
ENG 411/ ENG 415	3
ENG 346: Writing Fiction	3
Free Elective	3
Free Elective	1
Total	**13**

Bachelor of Arts in English
Professional Writing Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
COM 103: Interpersonal Communication	3
MAT 115A: Contemporary Mathematics	4
KSU 118: BRED Orientation	3
ART/MUS/THE130	3
Total	**17**
Term 2 (Spring)	**Hours**
ENG 102: English Composition II	3
Natural Science	3

Term 5 (Fall)	Hours
ENG 313: Non-Western Literature	3
ENG 322: Survey of British Literature I	3
ENG 324: Survey of American Literature I	3
ENG 214/216 or JOU 204	3
Free Elective	3
Total	**15**
Term 6 (Spring)	**Hours**
ENG 323: Survey of British Literature II	3
ENG 325: Survey of American Literature II	3

POS/HIS/SOC/ECO/FIN	3
KSU 186: Navigating the Tech World	3
Humanities option I	3
Total	**15**
Term 3 (Fall)	**Hours**
ENG 211: Intro to Literature	3
Humanities or General Elective	3
Natural Science	3
Guided Elective	3
Guided Elective	3
Total	**15**
Term 4 (Spring)	**Hours**
ENG 214/216 or JOU 204	3
Free Elective	3
POS/HIS/SOC/ECO/FIN	3
Guided Elective	3
Guided Elective	3
Total	**15**

ENG 311/315/317	3
ENG 343: Writing Creative Non-Fiction	3
Free Elective	3
Total	**15**
Term 7 (Fall)	**Hours**
ENG 413: Literary Criticism	3
ENG 409: Literature of African Americans	3
ENG 397: Special Topics	3
JOU 364: Desktop/Web Publishing	3
Free Elective	3
Total	**15**
Term 8 (Spring)	**Hours**
ENG 499: English Capstone	3
ENG 411/ ENG 415	3
ENG/JOU 434: Writing Practicum	3
Free Elective	3
Free Elective	1
Total	**13**

Bachelor of Arts in English
English Education Track
120 credit hours

Term 1 (Fall)	**Hours**
ENG 101	4
KSU 118	3
Arts and Humanities	3
COM 103	3
Social Science	3
Total	**16**
Term 2 (Spring)	**Hours**
ENG 102	3
KSU 186	3
MATH 111 or Higher	3
Science	3
Social Science	3
Total	**15**
Term 3 (Fall)	**Hours**
EDU 202	3
EDU 203	3
Arts and Humanities	3
ENG 214	3
ENG 211	3
Total	**15**
Term 4 (Spring)	**Hours**
EDU 302	3
EDU 304	3
EDU 310	3
Arts and Humanities	3
Guided Elective	2
Guided Elective	3
Total	**17**

Term 5 (Fall)	**Hours**
ENG 324	3
EDU 445	3
ENG 285	3
ENG 322	3
ENG 313	3
Total	**15**
Term 6 (Spring)	**Hours**
EDU 430	3
ENG 325	3
ENG 409	3
ENG 433	3
ENG 323	3
Total	**15**
Term 7 (Fall)	**Hours**
EDU 410	3
ENG 413	3
ENG 411	3
EDU 303	3
ENG 390	3
Total	**15**
Term 8 (Spring)	**Hours**
EDU 454	12
Total	**12**

Minors

Creative Writing - 18 credits

The minor in creative writing requires the completion of 18 credit hours by completing: One of the following – ENG 214, ENG 216, or JOU 204; and one of the following – ENG 311, 314, or 317; and ENG 342, 345, 346 and 490.

English - 21 credits

A minor in English requires the completion of 21 semester credit hours in the following courses: ENG 214 and 313; one of the following: ENG 311, 314, or 317; either ENG 322 or 323; either ENG 324 or 325; either ENG 411 or 415 and one 300/400level ENG course.

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 or 215.

MASS COMMUNICATION AND JOURNALISM

The health of a democracy is deeply connected to the health of a free press. Thomas Jefferson thought so highly of the importance of the press' role in guarding the people's rights that he stated: "If I had to choose between a government without a free press and a free press without government, I would choose the latter." From the hey-day of its nationally celebrated civil rights leader and alumnus Whitney M. Young, Jr. to its connections with Kentucky's black owned or operated newspapers and indeed throughout its some 120 years of great achievements and challenges, Kentucky State University's own history has been deeply entwined with the exercise of a free press. All three aspects of Kentucky State's mission – liberal studies, land grant status (especially the mass communications facilities of the land grant program), and its status as an HBCU --, coalesce together in a B.A. program in mass communication and journalism.

Unconditional admission requires the following:

- The student must be in good academic standing with the University;
- The student must have completed with a passing mark (C or above) the prerequisite English courses, namely, ENG 101 and ENG 102;
- The student must have a 3.0 Grade Point Average (4.0 scale) in English courses taken prior to application to the journalism major;
- The student must submit a letter of application articulating his or her interest in journalism.

Students who do not hold the 3.0 GPA in English coursework may be considered for conditional admission but must receive consent of the journalism faculty and will be placed in a probationary status for the first academic year of coursework in journalism.

The major has three components: 1) a 30 credit hour core of fundamental coursework in journalism and mass communication, 2) a 12-credit hour academic track in the student's choice of more advanced coursework in multimedia journalism or public relations, and 3) a nine-credit hour selection of elective courses which offer appropriate, relevant support for the student's choice of a multimedia journalism or public relations track:

Bachelor of Arts in Mass Communication and Journalism
Multimedia Journalism Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
COM 103: Interpersonal Communication	3
MAT 115A: Contemporary Mathematics	4
KSU 118: Introduction to University Learning	3
ART/MUS/THE130	3
Total	**17**

Term 2 (Spring)	Hours
ENG 102: English Composition II	3
Natural Science	3
POS/HIS/SOC/ECO/FIN	3
KSU 186: Navigating the Tech World	3
Humanities option I	3
Total	**15**

Term 3 (Fall)	Hours
JOU 204: Journalism	3
JOU 210: Intro to Mass Communication	3
BIO/CHE/PHI	3
Guided Elective	3
Guided Elective	3

Term 5 (Fall)	Hours
JOU 362: News Editing	3
JOU 367: Television & Radio Production	3
JOU 302: Student Media Workshop	1
JOU 363: Magazine & Features Writing	3
Free Elective	3
Free Elective	3
Total	**16**

Term 6 (Spring)	Hours
JOU 365: Public Affairs Reporting	3
JOU 366: Seminar in Public Relations	3
JOU 302: Student Media Workshop	1
JOU 373: Broadcast Announcing	3
Free Elective	3
Total	**13**

Term 7 (Fall)	Hours
Journalism Guided Elective	3
Journalism Guided Elective	3
Free Elective	3
Guided Elective	3
Guided Elective	3

Total	**15**
Term 4 (Spring)	**Hours**
JOU 322: Intro to Digital Photojournalism	3
JOU 302: Student Media Workshop	1
JOU 364: Desktop Publishing	3
Free Elective	3
Humanities option II	3
Total	**13**

Guided Elective	1
Total	**16**
Term 8 (Spring)	**Hours**
JOU 435: Practicum in Journalism	3
Journalism Elective	3
Free Elective	3
Free Elective	3
Free Elective	3
Total	**15**

Bachelor of Arts in Mass Communication and Journalism
Public Relations Track
120 credit hours

Term 1 (Fall)	**Hours**
ENG 101: English Composition I	4
COM 103: Interpersonal Communication	3
MAT 115A: Accelerated College Algebra	4
KSU 118: Introduction to University Learning	3
ART/MUS/THE 130	3
Total	**17**
Term 2 (Spring)	**Hours**
ENG 102: English Composition II	3
Natural Science	3
POS/HIS/SOC/ECO/PSY	3
KSU 186: Navigating the Tech World	3
Humanities option I	3
Total	**15**
Term 3 (Fall)	**Hours**
JOU 204: Journalism	3
JOU 210: Intro to Mass Communication	3
BIO/CHE/PHI	3
Guided Elective	3
Guided Elective	3
Total	**15**
Term 4 (Spring)	**Hours**
JOU 322: Intro to Digital Photojournalism	3
JOU 302: Student Media Workshop	1
JOU 366: Seminar in Public Relations	3
Free Elective	3
Humanities option II	3
Total	**13**

Term 5 (Fall)	**Hours**
JOU 308: Advertising/ Media Sales	3
JOU 367: Television & Radio Production	3
JOU 370: Public Relations Campaigns	3
Guided Elective	3
Guided Elective	3
Total	**15**
Term 6 (Spring)	**Hours**
JOU 365: Public Affairs Reporting	3
JOU 364: Desktop Web Publishing	3
JOU 375: Advertising Seminar	3
JOU 371: Public Events Planning	3
Free Elective	3
Total	**15**
Term 7 (Fall)	**Hours**
Journalism Guided Elective	3
Journalism Guided Elective	3
Free Elective	3
Guided Elective	3
Guided Elective	3
Total	**15**
Term 8 (Spring)	**Hours**
JOU 436: Practicum in Public Relations	3
Journalism Elective	3
Free Elective	3
Free Elective	3
Free Elective	3
Total	**15**

MODERN FOREIGN LANGUAGES

Coursework in American Sign Language, French, and Spanish is offered by members of the faculty of the Humanities. 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 eligible to complete six semester credit hours of a foreign language (SPA 101 and SPA 102 or ASL 171 and ASL 172) to meet a portion of the Liberal Studies Core Requirements. Students may also demonstrate elementary knowledge in a foreign language by making the necessary score on an AP examination or on a CLEP examination (see Proficiency Examination Programs in Registration and Academic Records). Elementary foreign language courses 101 and 102 or 171 and 172 must be taken in sequence and in the same language.

Minor - French* 18 credits

The minor in French requires the completion of 18 credit hours beyond the 100-level in the following courses: FRE 201, 202, 311, 312, and either FRE 301 and 302 or FRE 322 and 413.

Minor - Spanish* 18 credits

The minor in Spanish requires the completion of 18 credit hours beyond the 100-level in the following courses: SPA 201, 202, 303, 304, 401, and 402.

PHILOSOPHY

The academic study of philosophy is an important part of a liberal studies institution. Accordingly, Kentucky State University offers a minor in 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 Young Honors Collegium, and (f) 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.

Minor - Philosophy* 18 credits

The minor in philosophy requires the completion of 18 credit hours beyond the 100-level in the following courses: PHI 200, 220, 310, and three courses from the following: PHI 330, 350, 390, 410, or 495.

SPEECH COMMUNICATION

The Area of Speech Communication 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. A minor in Speech Communication requires the completion of 18 semester credit hours in addition to SPE 103 Interpersonal Communication, from the Liberal Studies Requirements.

Minor - Speech Communication 18 credits

A minor in speech communication requires the completion of 18 semester credit hours. These include SPE 200, SPE 201, SPE 302, SPE 304, and SPE 315. The remaining three semester credit hours must be selected in consultation with the student's minor advisor.

*not currently offered

Certificates

Certificate in Multimedia Journalism Credit hours required: 15	
Courses Required	**Credit Hours**
JOU 204: Journalism	3
JOU 367: Television & Radio Production	3
JOU 369: Community Journalism	3
JOU 373: Broadcast Announcing	3
JOU 435: Practicum in Broadcast Journalism	3

Certificate in Digital Communications Credit hours required: 15	
Courses Required	**Credit Hours**
JOU 201: Media Literacy	3
JOU 202: Multimedia Journalism	3
JOU 206: Audio Production	3
JOU 364: Desktop / Web Publishing	3
JOU 367: Television and Radio Production	3

Certificate in Journalism Credit hours required: 15	
Courses Required	**Credit Hours**
JOU 204: Journalism	3
JOU 362: News Editing	3
JOU 363: Magazine & Features Writing	3
JOU 401: Special Topics in Print Journalism	3
JOU 434: Practicum in Print Journalism	3

Certificate in Public Relations Credit hours required: 15	
Courses Required	**Credit Hours**
JOU 366: Public Relations Seminar	3
JOU 370: Public Relations Campaigns	3
JOU 371: Special Events Planning	3
JOU 375: Advertising Seminar	3
JOU 436: Practicum in Public Relations	3

School of Criminal Justice and Political Science

B.A. in Criminal Justice
B.A. in Political Science

The baccalaureate degree program in Criminal Justice is designed to prepare students for careers in law enforcement, community and institutional corrections, court services, 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.

Bachelor of Arts in Criminal Justice
121 credit hours

Term 1 (Fall)	Hours
CJE 101 INTRO TO CRIMINAL JUSTICE	3
COM 103 INTERPERSONAL COMMUNICATIONS	3
MAT 115 or 115A or 200	3
KSU 118 INTRO TO UNIVERSITY LEARNING	3
ENG 101 ENGLISH COMPOSITION I	4
Total	**16**

Term 2 (Spring)	Hours
CJE 215 INTRO TO CRIMINAL LAW	3
POS 101 AMERICAN GOVERNMENT	3
KSU 186 NAVIGATING THE TECH WORLD	3
HUMANITIES REQUIREMENT I	3
ENG 102 ENGLISH COMPOSITION II	3
Total	**15**

Term 3 (Fall)	Hours
CJE 220 JUVENILE JUSTICE	3
SOC 203 PRINCIPLES OF SOCIOLOGY	3
BIO 101 or BIO 103 or BIO 112 or CHE 109 or PHS 201 or PHS 202 or PHS 211 or PHS 221 or PHS 231 OR PHY 130	3
PSY 200 GENERAL PSYCHOLOGY	3
FREE ELECTIVE	3
Total	**15**

Term 4 (Spring)	Hours
HUMANITIES REQUIREMENT II	3
ARTS REQUIREMENT I	3
ENG 216 or BUA 304	3
FREE ELECTIVE	3
FREE ELECTIVE	3
Total	**15**

Term 5 (Fall)	Hours
CJE 320 LAW ENFORCEMENT	3
CJE 325 COURTS	3
CJE 345 COMPARATIVE CRIMINAL JUSTICE	3
FREE ELECTIVE	3
FREE ELECTIVE	3
Total	**15**

Term 6 (Spring)	Hours
CJE 330 CORRECTIONS	3
CJE 340 PRINCIPLES OF VICTIMOLOGY	3
CJE 350 CRIMINAL JUSTICE ETHICS	3
CJE 335 THEORIES OF CRIME	3
SOC 305 CONTEMPORARY SOCIAL PROBLEMS	3
Total	**15**

Term 7 (Fall)	Hours
CJE 433 CRIMINAL JUSTICE RESEARCH METHODS or BSS 301 RESEARCH METHODS	3
CJE 410 CRIMINAL JUSTICE ADMINISTRATION	3
CJE ELECTIVE 300/400 LEVEL	3
FREE ELECTIVE	3
FREE ELECTIVE	3
Total	**15**

Term 8 (Spring)	Hours
CJE 434 STATISTICS FOR CRIMINAL JUSTICE or BSS 300 STATISTICS	3
CJE 415 SEMINAR IN CRIMINAL JUSTICE	3
CJE 430 CRIMINAL JUSTICE INTERNSHIP	3
FREE ELECTIVE	3
FREE ELECTIVE	3
Total	**15**

Minor - Criminal Justice (18 credit hours)

A minor in Criminal Justice requires the completion of 18 semester credit hours. Specific course requirements include CJE 101, 215, 320, 325, 330, and the remaining 3 semester credit hours may be selected on the basis of the student's area of interest within Criminal Justice Education.

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 positions in public and private sectors of employment.

Requirements

To satisfy the requirements for the **Bachelor of Arts degree in Political Science**, a student must complete a minimum of 120 semester hours, including 30 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.

Bachelor of Arts in Political Science
Constitutional Law Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	3
POS 101 American Government	3
MAT 115A: Acc College Algebra	3
KSU 118: BRED Orientation	3
Humanities Requirement I	3
Total	**15**
Term 2 (Spring)	**Hours**
ENG 102: English Composition II	3
SPE 103: Interpersonal Communication	3
PSY 200 or SOC 203	3
KSU 186: Navigating the Tech World	3
Humanities Requirement II	3
Total	**15**
Term 3 (Fall)	**Hours**
POS 160 State & Local Government	3

Term 5 (Fall)	Hours
POS 331 American Constitutional Law (Constitutional Track)	3
Minor Requirement	3
Minor Requirement	3
Free Elective	3
Free Elective	3
Total	**15**
Term 6 (Spring)	**Hours**
POS 355 Classical Political & Sociological Theory	3
POS 431 The Constitution & Civil Liberties (Constitutional Track)	3
Minor Requirement	3
Free Elective	3
Free Elective	3
Total	**15**
Term 7 (Fall)	**Hours**
POS Elective 300/400 level	3

POS 211 Intro to Political Science	3	Minor Requirement	3
POS 300 Statistics for BSS	3	Minor Requirement	3
BIO 101 or BIO 103 or BIO 112 or CHE 109 or PHS 201 or PHS 202 or PHS 211 or PHS 221 or PHS 231 or PHY 130	3	Free Elective	3
Arts Block Requirement	3	Free Elective	3
Total	**15**	**Total**	**15**
Term 4 (Spring)	**Hours**	**Term 8 (Spring)**	**Hours**
POS 201 Metropolitan Government	3	POS 499 Senior Colloquium	3
POS 301 Research Methods	3	Minor Requirement	3
Free Elective	3	Minor Requirement or Free Elective	3
Free Elective	3	Free Elective	3
Free Elective	3	Free Elective	3
Total	**15**	**Total**	**15**

Bachelor of Arts in Political Science
International Relations Track
120 credit hours

Term 1 (Fall)	**Hours**	**Term 5 (Fall)**	**Hours**
ENG 101: English Composition I	3	POS 311 Comparative Government (International Relations Track)	3
POS 101 American Government	3	Minor Requirement	3
MAT 115A: Acc College Algebra	3	Minor Requirement	3
KSU 118: BRED Orientation	3	Free Elective	3
Humanities Requirement I	3	Free Elective	3
Total	**15**	**Total**	**15**
Term 2 (Spring)	**Hours**	**Term 6 (Spring)**	**Hours**
ENG 102: English Composition II	3	POS 355 Classical Political & Sociological Theory	3
SPE 103: Interpersonal Communication	3	POS 464 African Politics (International Relations Track)	3
PSY 200 or SOC 203	3	Minor Requirement	3
KSU 186: Navigating the Tech World	3	Free Elective	3
Humanities Requirement II	3	Free Elective	3
Total	**15**	**Total**	**15**
Term 3 (Fall)	**Hours**	**Term 7 (Fall)**	**Hours**
POS 160 State & Local Government	3	POS Elective 300/400 level	3
POS 211 Intro to Political Science	3	Minor Requirement	3
POS 300 Statistics for BSS	3	Minor Requirement	3
BIO 101 or BIO 103 or BIO 112 or CHE 109 or PHS 201 or PHS 202 or PHS 211 or PHS 221 or PHS 231 or PHY 130	3	Free Elective	3
Arts Block Requirement	3	Free Elective	3
Total	**15**	**Total**	**15**
Term 4 (Spring)	**Hours**	**Term 8 (Spring)**	**Hours**
POS 201 Metropolitan Government	3	POS 499 Senior Colloquium	3
POS 301 Research Methods	3	Minor Requirement	3
Free Elective	3	Minor Requirement or Free Elective	3
Free Elective	3	Free Elective	3
Free Elective	3	Free Elective	3
Total	**15**	**Total**	**15**

Bachelor of Arts in Political Science
Legislative/Executive Politics Track
120 credit hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	3
POS 101 American Government	3
MAT 115A: Acc College Algebra	3
KSU 118: BRED Orientation	3
Humanities Requirement I	3
Total	**15**

Term 2 (Spring)	Hours
ENG 102: English Composition II	3
SPE 103: Interpersonal Communication	3
PSY 200 or SOC 203	3
KSU 186: Navigating the Tech World	3
Humanities Requirement II	3
Total	**15**

Term 3 (Fall)	Hours
POS 160 State & Local Government	3
POS 211 Intro to Political Science	3
POS 300 Statistics for BSS	3
BIO 101 or BIO 103 or BIO 112 or CHE 109 or PHS 201 or PHS 202 or PHS 211 or PHS 221 or PHS 231 or PHY 130	3
Arts Block Requirement	3
Total	**15**

Term 4 (Spring)	Hours
POS 201 Metropolitan Government	3
POS 301 Research Methods	3
Free Elective	3
Free Elective	3
Free Elective	3
Total	**15**

Term 5 (Fall)	Hours
POS Elective 300/400 level	3
Minor Requirement	3
Minor Requirement	3
Free Elective	3
Free Elective	3
Total	**15**

Term 6 (Spring)	Hours
POS 355 Classical Political & Sociological Theory	3
POS 322 Legislative Process (Legislative/Executive Politics Track)	3
Minor Requirement	3
Free Elective	3
Free Elective	3
Total	**15**

Term 7 (Fall)	Hours
POS Elective 300/400 level	3
Minor Requirement	3
Minor Requirement	3
Free Elective	3
Free Elective	3
Total	**15**

Term 8 (Spring)	Hours
POS 499 Senior Colloquium	3
Minor Requirement	3
Minor Requirement or Free Elective	3
Free Elective	3
Free Elective	3
Total	**15**

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.

SCHOOL OF SOCIAL WORK

The Bachelor of Arts in Social Work (BSW) Program is accredited by the Council on Social Work Education (CSWE). The principal objectives of the School of Social Work 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 a culturally inclusive and social justice infused social work pedagogical approach to prepare culturally competent social workers capable of intervening and working with systems of all sizes and resolving problems that particularly affect African American children, families, and males within the context of family, community, and policy. BSW graduates are prepared to recognize and impact social and economic injustice issues at the local, regional, national, and international level.

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 autobiographical information. The application and guidelines for the autobiographical sketch are available in the Division of Social Work.

Applicants for admission are required to meet the following standards:

- Complete SOW 201 or its equivalent with a grade of C or better;
- Have a 2.5 cumulative grade point average or better; and
- Submit a 2-page essay answering the following application and essay found on the School of Social Work webpage.

Applications are reviewed by the School of Social Work and decisions are given to applicants via email.

Transfer students may be admitted under provisions of articulation agreements. Applicants may be admitted provisionally with a cumulative grade point average of less than 2.5 in cases where the School of Social Work concurs that there is demonstrated potential for academic success. Those admitted on a provisional basis must attain a 2.5 grade point average by the end of their first year in the program or may be exited from the program.

Bachelor of Arts in Social Work (BSW)
120 hours

Term 1 (Fall)	Hours
ENG 101: English Composition I	4
COM 103: Interpersonal Communication	3
Quantitative Reasoning Requirement	4
KSU 118: Introduction to University Learning	3
Humanities Requirement I	3
Total	**17**

Term 2 (Spring)	Hours
ENG 102: English Composition II	3
Natural Sciences Requirement	3
Arts Requirement	3
KSU 186: Navigating the Tech World	3
Humanities Requirement II	3
Total	**15**

Term 3 (Fall)	Hours
SOW 201: Career Choice	3
SOC 203: Principles of Sociology	3
ENG 216: Technical Writing	3
Free Elective	3
Free Elective	3
Total	**15**

Term 4 (Spring)	Hours
Social & Behavioral Science Requirement I	3
Social & Behavioral Science Requirement II	3
SOW 310 Cultural Inclusion & Social Justice	3
SOW Elective	3

Term 5 (Fall)	Hours
SOW 306: Human Behavior I	3
SOW 314: Generalist SW Practice I	3
SOW 321: Social Welfare Policy I	3
SOW 400: Statistics for Social Work	3
Free Elective	3
Total	**15**

Term 6 (Spring)	Hours
SOW 307: Human Behavior II	3
SOW 315: Generalist SW Practice II	3
SOW 322: Social Welfare Policy II	3
SOW 401: Research for Social Work	3
Free Elective	3
Total	**15**

Term 7 (Fall)	Hours
SOW 316: Generalist SW Practice III	3
SOW 422: Field Instruction I	6
SOW 423: Seminar I	3
Free Elective	3
Total	**15**

Term 8 (Spring)	Hours
SOW 424: Field Instruction II	6
SOW 425: Seminar II	3
Free Elective	4

Free Elective	3
Total	**15**

Total	**13**

Dismissal Procedures

Academic Advisement Review

Maintaining high standards and high supports, students may be required to participate in an Academic Advisement Review. These reviews will occur if concerns arise regarding the student's academic and/or professional performance or demeanor. Reviews will occur in the following instances: (a) If a student earns a "C" in a course; (b) If any faculty member, including field liaisons, assesses a student to be in academic/professional difficulty, including violations of the professional code of ethics; Social Work Program Handbook; or Field Handbook (c) If a student wishes to have a formal academic advisement review—beyond the normative advising process.

Requests for a review will be conveyed to the BSW Director/ Chair. The BSW Director/Chair will designate persons to participate in this review—typically, the student's faculty advisor and/or the BSW Director. Usually, this review will involve a face-to-face meeting. The student may also request that the BSW Student Representative participate in this meeting. If preferred, the student *may* suggest another person as their peer support; the BSW Director and/or Chair will decide whether this substitution can be present. This academic advisement meeting will conclude with a student success plan and/or other documentation resolving the concerns. This success plan will be reviewed per agreement, as documented in the initial meeting. This Advisement process is compatible with the Field Education review process and may include field supervisor's input as pertinent. (*See form below).*

Kentucky State University
School of Social Work
Student Success Plan

Student Name:_____

Faculty: _____

BSW Director (*as applicable*): _____

Chair: _____

Faculty Member/Agency Supervisor *(as applicable*):
_____

Date and Time of Meeting:_____

Desired Outcome	Desired Actions	Plan Period	Outcome (sufficient/ insufficient improvement)

Student Signature: Date:
_____ _____

Faculty Signature: Date:
_____ _____

BSW Director Signature (*as applicable*): Date:
_____ _____

Chair Signature: Date:
_____ _____

Agency Supervisor/Field Director Signature: (*as applicable*): Date:
_____ _____

Plan Review

Date and Time of Review Meeting:_____
Has the student resolved all performance issues to the supervisor's and/or faculty members' satisfaction?
Yes No
If not, what is the requested resolution of the situation?

_____ Creation of a New Success Plan
_____ Creation of a Self-Care Plan
_____ Dismissal of Student from their Practicum Placement with the Agency
_____ Assignment of grade on a paper, examination, or other material related to the offense
_____ Assignment of grade for the course in which the offense occurred
_____ Dismissal of Student from the School of Social Work
_____ Other (please, explain)_____

Student Signature: Date:
_____ _____
Faculty Signature: Date:
_____ _____
BSW/Field Director/Chair Signature: Date:
_____ _____
Agency Supervisor (as applicable): Date:
_____ _____

Bases for Possible Dismissal from BSW Program

Failure to meet the expectations set forth in the NASW *Code of Ethics* is grounds for dismissal from the program, including deviation from:

1. Accepted standards of professional conduct,
    a. standards of personal integrity and honesty,
    b. emotional stability requisite for professional practice,
    c. effective interpersonal skills necessary for forming professional helping relationships with clients, supervisors, faculty, and colleagues, and
    d. appropriate or productive professional behaviors, attitudes, and values, whether demonstrated at school, in the field practicum setting, or in one's employment setting, or other roles.
2. Severe maladaptation to the educational process for the social work profession including:

a. Student inability to assume responsibility for her/his own learning, such as an excessive reliance on the written work of others by:
    i. using any printed sources, paraphrased or quoted, without proper acknowledgment; and
    ii. using the work of other learners without crediting the source: or
b. Student's inability to participate productively in a classroom situation, such as
    i. consistent pattern of inadequate class preparation,
    ii. unpunctual completion of assignments, or
    iii. irresponsible behavior in class or field.

3. Lack of commitment to the values of the social work profession, as evidenced through:
    a. Intolerant/discriminatory/prejudicial behavior and/or attitudes expressed in the classroom, field placement agency, work setting or volunteer service site.
    b. Students are expected to exhibit an openness of mind, a willingness to explore new ideas, and self-examination of their own attitudes and prejudices. Discriminatory behaviors will not be tolerated.
    c. Behavior in the personal sphere that would damage professional credibility, e.g. conviction of domestic violence, fraud, assault, or like situation.
4. Personal problems, which significantly and consistently prevent her/him/them from functioning effectively in a professional social work education program.
5. Professional misrepresentation such as:
    a. Events surrounding an incident involving professional conduct
    b. Fabrication of client data pertaining to course or internship assignments
    c. Professional qualifications, education, experience, or affiliations
6. Failure in field instruction is grounds for dismissal from the program, subject to review by the BSW Director and Field Director. Although it happens infrequently, a learner may be removed from field placement in three ways:
    a. request of the agency field instructor and/or agency;
    b. request of the learner; or
    c. request of the School as represented by the Faculty Field Liaison and/or Director of Field.

7. Violations of the Kentucky State University policies regarding Academic and/or Behavior Misconduct as described in the University Catalog.

8. Violations of the Kentucky State University polices outlined in the Student Handbook such as violence or threatening of violence on campus, etc.

9. The program requires on-going BSW students to inform the Program Director of any change in legal status as soon as it occurs, for example, an arrest or conviction, whether misdemeanor or felony.

In all situations, student rights will be scrupulously protected in accordance with the appeal procedures of the School of Social Work and Kentucky State University.

Process of Termination

Termination procedures may be undertaken prior to as well as following formal admission to the BSW program.

If a BSW student, in the majority opinion of the Social Work Faculty, violates the 2017 revised *NASW Code of Ethics* (see next section) or other professional standards, the student is subject to the following process as outlined in the University Catalog

Undergraduate and graduate students in professional programs must act in accordance with the standards, ethics, and conduct of their profession when fulfilling any of their program requirements (e.g., practicum, externship, internship, research work) and while performing any work or activities related to their profession (e.g., a job or an assistantship).

Exhibiting dishonest and/or unprofessional behavior according to standards set in and for the student's professional discipline may be cause for dismissal from a program. The University reserves the right to make final decisions on sanctions and dismissals related to ethical/professional misconduct.

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.

Minor – Gerontology* 21 credits

A minor in Gerontology requires the completion of 21 semester credit hours. Specific course requirements include GNT 101, 102, 201, and 301; the remaining nine semester credit hours may be selected from GNT 400, 401, or 402.

Public Child Welfare Certification Program

The Public Child Welfare Certification program (PCWCP) has been implemented by the Kentucky Cabinet for Health and Family Services and eleven university social work programs to better serve the children and families of Kentucky. The PCWCP is integrated into the curriculum for qualified students interested in child welfare. PCWCP scholars receive tuition assistance and a stipend each semester they are in the program.

Eligibility:

- Be a full-time, social work major
- Have an earned cumulative GPA of 2.5 and 3.0 in social work courses Receive no less than a "B" in the required PCWCP courses and field practicum
- Have at least 3 semesters and not more than 4 semesters of undergraduate courses toward degree completion
- Possess a commitment to the work of public child welfare services

Benefits:

- Paid tuition for up to four semesters
- A stipend worth $1300.00 per semester for books, living expenses, and program-related travel
- Certificate in Public Child Welfare Certification Program
- Employment with the Cabinet for Health and Family Services, Protection, and Permanency Division.

Obligations:

The student will be obligated, by legal contract, to the Kentucky Cabinet for Health and Family Services to seek and accept a position of employment within two months of certification and remain employed with the Cabinet for two years.

WHITNEY YOUNG HONORS COLLEGIUM

The Whitney Young Honor's Collegium is designed as the university's vehicle for innovative academic programs, extra and co-curricular activities and experiential learning that supports KSU's historic legacy embodied in the motto "Enter to Learn, Go Out to Serve".

The Center's name upholds the legacy of Kentucky native and KSU's most renowned alumnus Whitney M. Young, Jr. Young's statesmanship, negotiation skills, and commitment to justice are an exemplar of global leadership. KSU students are well-served by emulating Young's model of service to humankind. The vision and mission of the Whitney Young Honor's Collegium is to prepare motivated and high-achieving undergraduates to meet 21st century challenges. Whitney Young scholars will participate in learning experiences that promote intellectual growth, cultural competency, professional and leadership development, ethical civic participation and lifelong global engagement. The Whitney Young Honor's Collegium. The Honors Core is a reciprocal, challenging alternative to the General Education Core. The Honors Academy curriculum consists of 4 (four) required Seminar courses, 4 (four) Preceptorials, and a 2 (two) credit hours of Honors Orientation. Whitney Young Scholars who have completed the Honors Core are required to complete a 1 (one) — 3 (three) credit Signature Project. In the student's senior year of declared major coursework, Honors core students will complete a 1 (one) — 3 (three) credit hour Honors Signature Project (capstone course) under the joint direction of their Honors Academy advisor and their Major advisor.

Honors Core students have the option to take 6 credit hours of foreign language as presented and delivered by the university's Liberal Studies Core course offerings. Honors curriculum also offers elective courses, such as Special Topics and Study Abroad courses at the 300 and 400 level.

Honors class sizes are a maximum of 20 students. Whitney Young Scholars 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 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.

Whitney Young Scholars are required to complete the Honors Core and the requirements for their chosen major. Whitney Young Scholars are required to complete minimum of 120 semester credit hours and the required coursework in the major. The Associate of Arts in Liberal Studies is also housed in the College.

Liberal Studies Degree Programs:
A.A. Liberal Studies
B.A. Liberal Studies

The Whitney Young Honors Collegium and Liberal Studies offers two degrees in liberal studies, an Associate of Arts and a Bachelor of Arts. The AA degree offers a general core option and STEM option. The BA degree has two options: an honors option and general studies option. The goal of both degrees, including all options is preparing a global citizen who is prepared to contribute to society with an innovative approach. Both general studies options are completer degree programs aimed at students who are close to graduation and especially nontraditional students who are currently in the workforce and need to obtain a degree. The degree option programs will allow for reasonable latitude to satisfy individual interests and needs, including those of non-traditional students, while still adhering to the rigorous university standards for baccalaureate degrees. It operates in the spirit of the liberal studies mission of the University. It is based on the integrity of the liberal studies core, the concentration in areas, the requirements of 45 semester credit hours of upper division courses, and to allowance of 15 semester credit hours of free electives. The continued desired outcome of this degree option is the attraction to KSU, and graduation, of more non-traditional students from the surrounding communities.

Associate of Arts in Liberal Studies
61 credit hours

Term 1 (Fall)	Hours
ENG 101 - English Comp I	4
COM 103 - Interpersonal Communication	3
MAT 111 - Contemporary Mathematics	3
Liberal Studies Core Option	3
IGS 200 - Foundations of Culture	3
Total	**16**

Term 2 (Spring)	Hours
ENG 102 - English Comp II	3
MUS 130 - Intro to Music	3
BIO 101 - Life Science	3
SOC 203 - Principles of Sociology	3
IGS 201 - Convergence of Cultures	3
Total	**15**

Term 3 (Fall)	Hours
POS 101 - American Government	3
ENG 211 - Intro to Literature	3
IGS 300 - Search for New Forms	3
BIO 112 - Exploration of Modern Topics in Biology	3
Liberal Studies Core Option	3
Total	**15**

Term 4 (Spring)	Hours
IGS 301 - Studies in African Cultures	3
AAS/HIS 314	3
Liberal Studies Core Option	3
Liberal Studies Core Option	3
Liberal Studies Core Option	3
Total	**15**

Associate Degree Liberal Studies STEM+ Option (with concentrations)
TOTAL DEGREE REQUIREMENTS: 60-64 Credit Hours

KSU 118	Intro to Univ Learning	**3**	NA

I. **GENERAL STUDIES (38/40 credit hours)** (ENG 101, ENG 102 with a Grade of "C" or Higher)

Communications (Required)	**Credit Hours**	**Prerequisites**	
ENG 101	English Composition I	4	NA
ENG 102	English Composition II	3	ENG 101
COM 103	Interpersonal Communication	3	College Ready English
	Total	**12**	
Quantitative Reasoning (Required)			
MAT 115	College Algebra	3	
	Total	**3**	
Arts and Humanities (Required)			
	Foreign Language I	3	ENG 101
	Foreign Language II	3	
IGS 200	Foundations of Culture	3	ENG 101
Arts and Humanities (Select One)			
ART 130	Introduction to Art		University Admission Criterion
MUS 130	Introduction to Music		University Admission Criterion
THE 130	Introduction to Theatre		University Admission Criterion
ENG 211	Introduction to Literature		ENG 102

	Total	**12**	
Social and Behavioral Science (Select Two Courses)			
POS 101	American Government		University Admission Criterion
FIN 101	Financial Literacy		University Admission Criterion
HIS 103	Western Civilization		University Admission Criterion
HIS 108	Intro to African American History *(required for on campus students)*		University Admission Criterion
HIS 201, 202	US History to 1865/since 1865		University Admission Criterion
ECO 200 **OR** 201	Survey of Economics **OR** Principles of Economics I (*required for Business and pre-pharmacy*)		University Admission Criterion
PSY 200	General Psychology *(preferred for health careers)*		College Ready English
SOC 203	Principles of Sociology *(preferred for pre-med)*		College Ready English
	Total	**6**	
Natural Sciences (Select One Course)			
BIO 101	Life Science	3	College Ready in Math and English recommended. High school Chemistry background needed for Biology
BIO 111	Principles of Biology (*required for AFE, Science majors*)	4	
CHE 109	Chemistry in Context	3	
	Total	**3/4**	
Sciences (Select One Course)			
BIO 101	Life Science	3	College Ready in Math and English recommended
BIO 103	Environmental Biology		
CHE 101/110	Chemistry I with lab (*required for AFE, Science majors*)	4	
CHE 109	Chemistry in Context		
PHS 201	Physical Science I		

PHS 202	Physical Science II		
PHS 211	Earth and Environmental Science		
PHS 221	Introduction to Weather Studies		
PHS 231	Introduction to Astronomy		
PHY 130	Physics and Society		
	Total	**3/4**	
TOTAL	**38/40**		

I. STEM+ CORE

COS 107	Problem Solving, Logic and Design	3	
MAT 200	Introduction to Statistical Analysis	4	Math ACT 19 or consent of instructor
KSU 186 **OR** MSC 200	Navigating the Tech World *(required for on campus students)* STEM+ Leadership Seminar	1/3	KSU 118
TOTAL	**8/10**		

I. CONCENTRATION ELECTIVES

(MATHEMATICS, COMPUTER SCIENCE, BIOLOGY, CHEMISTRY, BUSINESS, AGRICULTURE)

i. **MATHEMATICS CONCENTRATION** (Mathematics, Math Education, Pre Engineering)

MAT 120	Precalculus	4	MAT 115 (MATH ACT 25)
MAT 131	Calculus and Analytical Geometry I	5	Precalculus (MATH ACT 27)
MAT 132	Calculus and Analytical Geometry II	5	Calculus 1
TOTAL	**14**		

i. **BIOSTATICS CONCENTRATION** (5 year BS/MS – BS in Math from KSU and MS in Biostatistics from U ofL)

MAT 120	Precalculus	4	MAT 115 (MATH ACT 25)
MAT 131	Calculus and Analytical Geometry I	5	Precalculus
MAT 132	Calculus and Analytical Geometry II	5	Calculus 1

TOTAL	**14**	

i. **COMPUTER SCIENCE CONCENTRATION** (Computer Science, Information Technology)

MAT 120	Precalculus	4	MAT 115 (ACT 25)
MAT 131	Calculus and Analytical Geometry I	5	MAT 115
COS 108	Principles of Computer Science 1	4	COS 107
*COS 109	Principles of Computer Science II	(4)	
TOTAL	**13** (17)		

i. **SCIENCE CONCENTRATION** (Chemistry, Biology, Biotechnology, General Biology, Pre-HealthProfessions)

MAT 120	Precalculus	4	MAT 115 (ACT 25)
MAT 131	Calculus and Analytical Geometry I	5	Calculus I
CHE 102/120	Chemistry II with lab	4	Chemistry II
TOTAL	**13**		

i. **BUSINESS CONCENTRATION** (Accounting, General Business, Marketing, Management)

BUA 101	Computer Applications in Business	3	NA
ACC 201	Principles of Accounting I	3	MAT 115
BUA 204	Business Communication	3	BUA 101
ECO 202 **OR** ACC 202	Principles of Economics II **OR** Principles of Accounting II	3	ECO 201 **OR** ACC 201
* ECO 202 **OR** ACC 202	Principles of Economics II **OR** Principles of Accounting II	(3)	ECO 201 **OR** ACC 201
TOTAL	**12** (15)		

i. **AGRICULTURE, FOOD SCIENCE AND SUSTAINABLE SYSTEMS** (Concentrations)

AFE 116	Introduction to Agriculture, Food, and Environment	2	NA
AFE 117	Global Perspectives in Agriculture, Food, and Environment	3	NA
AFE 211	Animal Science	3	NA
AFE 217	Plant Science	3	BIO 111 Principles of Biology
*AFE XXX	AFE Elective	(3)	With direction of AFE Advisor
TOTAL	**11** (14)		

* An additional course may be needed to fulfill the minimum 60 credit hours required for an associate degree.

B.A. in Liberal Studies (General Studies Option)

The General Studies Option of the Bachelor of Liberal Studies degree is a completer degree that provides an alternative four-year program for students who seek to return or come to KSU in order to complete an undergraduate education without the academic specialization involved in traditional major programs. This degree program allows reasonable latitude to satisfy individual interests and needs, including those of non-traditional students, while still adhering to the rigorous university standards for baccalaureate degrees. It operates in the spirit of the liberal studies mission of the University.

In lieu of the major/minor required by traditional degree programs, the student must complete one of these broad areas of concentration: arts, humanities, social and behavioral science, natural science, business, education, technology, health, or professional studies.

The student declaring this major should go to the Dean of Whitney Young Honors Collegium to be assigned an advisor who will work with the student to define the area of concentration and the appropriate advised electives. Minimum Academic Requirements:

- 31/32 semester-credit hours of the General Education Core
- 12 semester-credit hours in the Integrative Studies subject to transfer-student policy
- 42 semester-credit hours of concentration
- 15 semester-credit hours of advised electives,
- 10 semester-credit hours of free electives
- 120 total college-level undergraduate semester hours (of which 42 semester-credit hours must be in upper-level [300–400] courses)
- Grade-point average of at least 2.0 overall.
- Grade of "C" or better in all major courses and advised elective courses

Bachelor of Arts in Liberal Studies
121 credit hours

Term 1 (Fall)	Hours
ENG 101-English Comp I	4
COM 103- Interpersonal Communication	3
MAT 111 or higher	3
BIO 101 - Life Science or CHE 109 - Chemistry	3
KSU 118 Introduction to University Learning	3
Total	**16**
Term 2 (Spring)	**Hours**
ENG 102-English Comp II	3
Arts and Humanities	3
KSU 186 Navigating the Tech World	3
IGS 200	3
300/400 level course	3
Total	**15**
Term 3 (Fall)	**Hours**
IGS 201	3
Arts and Humanities	3
300/400 level course	3
300/400 level course	3

Term 5 (Fall)	Hours
IGS 302 or above	3
Free Elective	3
Guided Elective	3
300/400 level course	3
300/400 level course	3
Total	**15**
Term 6 (Spring)	**Hours**
HIS 108 or HIS 103	3
ECO 200 or ECO 201	3
ASP 101	3
300/400 level course	3
300/400 level course	3
Total	**15**
Term 7 (Fall)	**Hours**
ASP 302	3
BUA 120	3
Free Elective	3
300/400 level course	3

300/400 level course	3
Total	**15**
Term 4 (Spring)	**Hours**
IGS 301	3
Free Elective	3
Guided Elective	3
300/400 level course	3
300/400 level course	3
Total	**15**

300/400 level course	3
Total	**15**
Term 8 (Spring)	**Hours**
Elective	3
Elective	3
300/400 level course	3
300/400 level course	3
Guided Elective	3
Total	**15**

Chapter 11
GRADUATE PROGRAMS

Office of Graduate Studies
Dr. Kenneth Andries, Acting Director
113 Cooperative Extension Building
Frankfort, KY 40601

Phone: (502) 597-5094
E-mail: grad@kysu.edu

For all information about graduate studies, see the separate Graduate Catalog which can be found at this link: http://kysu.edu/wp-content/uploads/2017/01/2017-2018-KSU-Graduate-Catalogue_FINAL-Version_1222017.pdf

Graduate Studies

Kentucky State University offers programs of study that lead to eight master's degrees: the Master of Science in Aquaculture/Aquatic Sciences, the Master of Business Administration, the Master of Science in Computer Science Technology, the Master of Environmental Studies, the Master of Interdisciplinary Behavioral Sciences, the Master of Public Administration, and the Master of Arts in Special Education with Certification (LBD) as well as one Doctorate of Nursing Practice. These programs are described in the separate Graduate Catalog. Kentucky State University strives to maintain the highest quality graduate programs and excellence among graduate faculty. The graduate programs at Kentucky State University seek to recruit students of high potential, readiness, and motivation for success in graduate studies and, following graduation, continued professional accomplishment.

Office of Graduate Studies

The Office of Graduate Studies facilitates the development and improvement of graduate programs and supports student success and progress toward graduation. The Office oversees graduate admissions. The Director of Graduate Studies serves as advisor to the Graduate Student Association. The primary goals of the Director of Graduate Studies are graduate program success and graduate student success. These are to be achieved through the Office of Graduate Studies with the support and aid of the Graduate Council and the Graduate Faculty.

Chapter 12
Faculty and Administrators

ACADEMIC AFFAIRS
Dr. Leroy Hamilton, Jr. -- Provost/Vice President for Academic Affairs
Dr. Berkley King-- Vice Provost for Faculty Affairs, Compliance, and Policy
Dr. Charles Holloway — Vice Provost for Student Success
Dr. Beverly Schneller—Vice Provost for Academic Quality, Research, and Innovation
Dr. Lauren Graves -- Director of Institutional Effectiveness
Ms. Sheila Stuckey -- Director of Blazer Library
Ms. Yolanda Benson – Registrar
Dr. Margery Coulson-Clark – Executive Director for University College

BRAND IDENTITY AND UNIVERSITY RELATIONS
Ms. Tanya Carr – Senior Vice President

FINANCE AND ADMINISTRATION
Mr. Greg Rush — Executive Vice President for Finance and Administration/CFO
Officer Barbara Hayes— Acting Chief of Police
Ms. Wendy Dixie —Chief Information Officer
Mrs. Candace Raglin —Director of Human Resources
Mrs. Danyel Tolbert—Bursar
Mrs. Russelle Keese — Director of Financial Aid

STUDENT ENGAGEMENT AND CAMPUS LIFE
Dr. Pernella Deams – Vice President of Student Affairs / Chief Diversity Officer
Mr. Arlen Sims– Dean of Students
Ms. Jennifer Williams – Director of B.R.E.D.S.
Mrs. Samantha Todd —Coordinator of Student Health Services

FACULTY

ADAMS, ANTHONY
Professor, School of Behavioral and Social Sciences (2019); Ph.D., University of Michigan

AMADIFE, EGBUNAM N.
Professor, School of Criminal Justice and Political Science(1996); B.A., School of International Training; M.A., University of Rhode Island; Ph. D., University of Connecticut.

AMADIFE, NKECHI G.
Professor, Library (1996); N.C.E., Federal College of Education (Technical), Lagos, Nigeria; B. Educ., University of Benin, Nigeria; M.L.I.S., University of Rhode Island; Ph.D., University of Kentucky.

ANDRIES, KEN
Associate Professor, School of Agriculture, Communities, and the Environment (2012); B.S., Mississippi State University; M.S., Louisiana State University; Ph.D., Kansas State University.

ANTHONY, TAKEIA
Assistant Professor, School of Behavioral and Social Sciences (2020); B.A., North Carolina Central University; M.A., North Carolina Central University; Ph.D., Howard University.

ANTONIUS, GEORGE
School of Agriculture, Communities, and the Environment (2012); B.Sc., University of Alexandria, Egypt; M.Sc., University of Alexandria, Egypt; Ph.D., University of Alexandria, Egypt.

BALLARD-KANG, JENNIFER
Assistant Professor, School of Social Work (2019); M.S., University of Louisville; Ph.D., University of Louisville

BANERJEE, SWAGATA
Associate Professor, School of Business (2017); B.S. University of Calcutta; M.S. University of Calcutta; M.S. University of Nevada; Ph.D. University of Georgia.

BARR MARY
Assistant Professor, School of Behavioral and Social Sciences (2017); B.A. University of California, Los Angeles; M.A. Yale University; Ph.D. Yale University.

BATRA, JYOTICA
Assistant Professor, School of Science, Technology, Engineering, and Mathematics (2016); M.S., Florida State University, Tallahassee; Ph.D. Florida State University, Tallahassee.

BEBE, FREDERICK
Assistant Research Professor of Poultry Science; School of Agriculture, Communities, and the Environment. B.S. Prairie View A&M University, Texas; M.S. Alabama A&M University; Ph.D. University of Science, Art, and Technology

BERNARD, MARCUS
Associate Professor; School of Agriculture, Communities, and the Environment (2019); B.S. North Carolina A&T University; M.S. North Carolina A&T University; Ph.D. University of Kentucky.

BIGDELI-JAHED, FARIBA
Associate Professor/Chairperson, School of Science, Technology, Engineering, and Mathematics (1991); B.S., University of Kentucky; M.S., University of Kentucky; Ph.D., University of Kentucky.

BROADDUS, MARY ELLEN
Associate Professor, Chair of School of Nursing (2009); BS Eastern Kentucky University; ADN Kentucky State University, MSN Bellarmine University, DNP Bellarmine University.

BROGAN, SHANNON
Professor, School of Humanities and Performing Arts (2009); B.S., Ohio University; M.A., West Virginia University; Ph.D., Ohio University.

BROOKS-EAVES, MINDY

Assistant Professor, School of Social Work (2019); B.A., University of Louisville; M.S., Spalding University; D.S.W., University of St. Thomas.

CAPRILES, NANCY

Associate Professor, School of Behavioral and Social Sciences (2014); B.A., National University of Cordoba, Argentina; M.A., National University of Cordoba, Argentina; Ph.D., National University of Cordoba, Argentina.

CLAY, PHILLIP

Assistant Professor, School of Education, Human Development and Consumer Sciences (2017); Ed.D., University of Cumberlands; M.A., Kentucky State University.

COLES, JOY

Associate Professor, School of Nursing. B.S., Wright State University; B.S.N., University of Kentucky; M.B.A., University of Phoenix; D.N.P., University of Kentucky.

COLLUM, DANNY

Professor, Division of Literature, Languages, and Philosophy (2005); B.S., Loyola University; M.F.A., George Mason University.

COULSON-CLARK, MARGERY

Professor, School of Public Administration (1993-1998) (2020); M.A., University of Kentucky; Ph.D., University of Kentucky.

DESBORDE, RENE

Professor, School of Business (1998); B.A., Western Catholic University; M.B.A., California State University; Ph.D., Florida State University.

DURBOROW, ROBERT M.

Professor, School of Aquaculture and Aquatic Sciences (1990); B.S., Lafayette College; M.S., Louisiana State University; Ph.D., Auburn University.

ELLIOTT, GARY

Associate Professor, Division of Literature, Languages, and Philosophy (1999); B.A., St. John's College; M.A., The University of Louisiana–Lafayette; Ph.D., The University of Louisiana–Lafayette.

EMANUEL, STASHIA

Assistant Professor, School of Education, Human Development, and Consumer Sciences (2018); Ed.D. University of Argosy.

FINN, LECHRISTA

Assistant Professor, School of Agriculture, Communities, and the Environment (2012); B.S. Fisk University; M.A., University of Michigan; Ph.D., University of Kentucky.

FORDE, TIMOTHY

Professor/Chair, School of Education, Human Development, and Consumer Sciences (2020); B.G.S., Oakwood University; M.P.H., University of Alabama, Birmingham; Ph.D., Vanderbilt University.

FREE, TRAVELLA

Assistant Extension Professor, School of (2017); School of Education, Human Development, and Consumer Sciences; Ed.D. University of North Carolina, Greensboro.

FREEMAN-TAYLOR, TIERRA

Professor of Psychology/Chair, School of Behavioral and Social Sciences (2008); B.A., University of Kentucky; M.A., Towson University; Ed.S., University of Kentucky; Ph.D., University of Kentucky.

GEBREMEDHIN, MAHETEME

Assistant Professor, School of Agriculture, Communities, and the Environment (2014); B.S., Alemaya Agricultural University, Ethiopia; M.S., University of Florida; Ph.D., Alabama Agricultural and Mechanical University.

GILLIAM, ERIN

Associate Professor, School of Behavioral and Social Sciences (2014); B.A., Kentucky State University; M.A., University of Kentucky, Ph.D., University of Kentucky

GLASS, CYNTHIA

Associate Professor, School of Behavioral and Social Sciences (2014); B.S. Old Dominion University; M.A., Old Dominion University; Ph.D., University of Kentucky.

GLASSCOCK, LAURA

Assistant Professor, School of Humanities and Performing Arts (2016); B.A., Eastern Kentucky University; M.Ed., University of Kentucky; M.A., University of Illinois-Springfield.

GOMELSKY, BORIS

Professor, School of Aquaculture and Aquatic Sciences (2001); B.S., University of Fisheries, University of Kaliningrad; M.S., University Fisheries; University of Kaliningrad; Ph.D., Institute of Developmental Biology at Russian Academy of Sciences.

GONSALVES, WANDA

Professor, School of Nursing

GRIFFIN, ROBERT

Associate Professor, School of Humanities and Performing Arts (1981–84; 1988); B.Mus., Kentucky State University; M.Mus., University of Kentucky.

GRIFFIS, BRUCE

Assistant Professor, School of Science, Technology, Engineering, and Mathematics (2000); B.A., Indiana University; A.B.D., University of Kentucky.

GRIMES, KRISTOPHER

Assistant Professor, School of Agriculture, Communities, and the Environment (2012); B.S., Centre College; Ph.D., University of Kentucky.

GYAWALI, BUDDHI

Assistant Professor, School of Agriculture, Communities, and the Environment (2012); B.S., Tribhuvan University; Institute of Agricultural and Animal Sciences, Nepal; M.A., Clark University; M.S., Alabama A&M University; Ph.D., Alabama A&MUniversity.

HAMILTON, LEROY

Professor, School of Education, Human Development, and Consumer Sciences (2021); Ed.D., University of Phoenix.

HAMPTON, DANTREA

Assistant Professor, Library (2002); B.S., Kentucky State University; MSLS, University of Kentucky.

HANNEMANN, JENS1993

Assistant Professor, School of Science, Technology, Engineering, and Mathematics (2013); Diploma Electrical Engineering, Ruhr University, Bochum Germany; Ph.D., Christian-Albrechts, University of Kiel, Germany.

HAYDEN, ARTHUR

Associate Professor, School of Social Work (2008); B.A., Kentucky State University; M.S.W., University of Kentucky; M.S., Kentucky State University; Ph.D., University of Louisville.

HICKS, LORI

Associate Professor, School of Humanities and Performing Arts (2018); B.M.E., Kentucky State University; M.M., Bowling Green State University; D.M.A., University of Michigan, Ann Arbor.

JAVED, KAZI R.

Associate Professor, School of Science, Technology, Engineering, and Mathematics (1996); B.S., Dickinson College; M.S., Clarkson University; Ph.D., Clarkson University.

JIANG, YUN

Assistant Professor, School of Science, Technology, Engineering, and Mathematics (2021); B.C., Nanjing Agricultural University; M.S., University of Florida, Gainesville; Ph.D., University of Florida, Gainesville.

JOHNSON, ROZINA

Visiting Assistant Professor, School of Humanities and Performing Arts; Ph.D., St. Louis University.

KASHAN, FARIBA

Assistant Professor, School of Science, Technology, Engineering, and Mathematics (2008); B.A., Shahid Beheshti University; M.A., Shahid Beheshti University; M.A., University of Louisville; Ph.D., University of Louisville.

KHATIWADA, DHARMA

Assistant Professor, School of Agriculture, Communities, and the Sciences (2000); Ph.D., Florida Atlantic University.

KOBAYASHI, HIDEKA

Assistant Professor, School of Agriculture, Communities, and the Environment (2012); B.S., Ohio State University; M.S., Ohio State University; Ph.D., University of Illinois.

LAI, ALEXANDER

Assistant Professor, School of Science, Technology, Engineering, and Mathematics (2014); B.S., University of Queensland, Australia; M.Ph., City University of New York; Ph.D., Mt. Sinai School of Medicine.

LAWRENCE, WHITNEY

Assistant Professor; School of Education, Human Development, and Consumer Sciences (2019); Ed.D., University of Louisville.

LAY, JERUSHA

Assistant Professor, School of Agriculture, Communities, and the Environment, (2017); B.S., Eastern Kentucky University; D.V.M., Auburn University.

LEVEL, ALVIN Assistant Professor/Director of Bands (2015); B.M.E., Central State University; M.A., Saginaw State University LU, LI Assistant Professor, School of Science, Technology, Engineering, and Mathematics (2014); B.S., Wuhan University, P.R. China; Post Baccalaureate, University of Kentucky; Ph.D., Miami University.

LU, LI

Associate Professor, School of Business (2007); B.S., Wuhan University, China; Ph.D., Miami University.

LUCAS, SHAWN

Assistant Professor, School of Agriculture, Communities, and the Environment (2016); Ph.D., University of Kentucky.

LYTTLE-BURNS, GUSSIE ANN

Assistant Professor, School of Education, Human Development, and Consumer Sciences (2020); Ed.D., Eastern Kentucky University.

MAITI, RICHARD

Assistant Professor, School of Science, Technology, Engineering, and Mathematics (2019); B.S., University of Kentucky; M.S., Eastern Kentucky University; M.B.A., Morehead University; Ph.D., Nova Southeastern University.

MALLORY, LLOYD

Associate Professor, School of Humanities and Performing Arts (2019); D.M., University of California, Berkeley.

MANN, SHAWNA

Assistant Professor, School of Nursing (2021); M.S.N., Chamberlain University.

MARRACCINI, PATRICIA M.

Assistant Professor, School of Nursing (1995); A.D., Lake Superior State University; B.S.N., Lake Superior State University; M.S.N., University of Kentucky.

MATTHEWS, HOLLY

Assistant Professor, School of Nursing (2021); B.S.N., University of Kentucky; M.S., Walden University.

McCOY, REBECCA

Assistant Professor, School of Nursing (2010); B.S.N., University of Kentucky; M.S.N., Bellarmine University.

McCUTCHEN, KEITH

Associate Professor, School of Humanities and Performing Arts (2016); D.M., Indiana University, Bloomington.

McFAYDEN, ELGIE, JR.

Associate Professor, Interim Chair, School of Public Administration (2003); B.A., M.P.A., Kentucky State University; Ph.D., Clark-Atlanta University.

McMAUGHEY-SUMMERS, DEANNA

Assistant Professor; Division of Literature, Languages, and Philosophy (2020); Ph.D., University of Louisville.

McGEE, SHARON

Associate Professor, Library (2000); A.A., Lindsey Wilson College; B.A., Kentucky State University; M.S.L.S., University of Kentucky.

McMANUS, CHRISTINA

Assistant Research Professor, CACS (2017); Ph.D., University of Kentucky.

MERLINO, MARA

Professor, School of Behavioral and Social Sciences (2009); B.A., Mesa State College; M.A., University of Nevada— Reno; Ph.D., University of Nevada—Reno.

MILTON, WHITNI

Assistant Professor, School of Nursing (2019); B.A., Kent State University; M.D., Tulane University.

MUFF, DEVERIN

Assistant Professor, School of Education, Human Development, and Consumer Sciences (2021); B.A., Eastern Kentucky University; M.S., Eastern Kentucky University; Ed.D., Eastern Kentucky University.

NESBITT, PATRESE

Assistant Professor, School of Education, Human Development, and Consumer Sciences (2019); M.S., California University of Pennsylvania.

NICHOLS, CHARLES

Assistant Professor, School of Business (2020); Ph.D., The Union Institute.

NIX, KETURAH

Assistant Professor, School of Humanities and Performing Arts (2020); Ph.D., Purdue University West, Lafayette.

NOVELO, NOEL

Assistant Professor, School of Agriculture, Communities, and the Environment (2016); Ph.D., Louisiana State University, Baton Rouge.

OBI, SUNDAY

Professor, School of Education, Human Development, and Consumer Sciences (1999); B.A., Norfolk State University; M.A., Norfolk State University; Ed.D., Universidad Inca Gacilaso De La Vega (Lima, Peru).

OBIELODAN, JAMES B.

Professor, School of Business (2001); B.Th., Igbaja Theological Seminary; B.A., Wheaton College; M.A., Michigan State University; Ph.D., Michigan State University; M.B.A., Michigan State University.

OLDEN, FARIDA

Assistant Research Professor, CACS (2013); B.S., University of Hasnaoua, Tizi-Ouzou, Algeria; M.S., International Center for Advanced Mediterranean Agronomic Studies, Zaragoza, Spain; Ph.D., Justus Liebig University, Giessen, Germany.

OMAR, ESLAM

Assistant Professor, School of Public Administration (2019); Ph.D., Clark Atlantic University.

OWENS, COURTNEY

Assistant Professor, CACS (2016); Ph.D., University of Florida.

POLSON, SUZETTE M.

Associate Professor, School of Science, Technology, Engineering, and Mathematics (1997); B.S., Davidson College; Ph.D., Emory University.

POMPER, KIRK

Professor, School of Agriculture, Communities, and the Environment (2012); B.S., University of Minnesota; M.S., University of Minnesota; Ph.D., Oregon State University.

POWELL-YOUNG, YOLANDA

Professor, School of Nursing (2017); Ph.D., Southern University A&M College, Baton Rouge.

RAJENDRAN, NARAYANAN

Professor, School of Science, Technology, Engineering, and Mathematics (2004); B.S., University of Madras; M.S., Bharathidasan University; Ph.D., Bharathidasan University.

RAY, ANDREW

Assistant Professor, School of Aquaculture and Aquatic Sciences (2014); B.S. University of Central Missouri; M.S., University of Charleston; Ph.D., University of Southern Mississippi.

REFFETT, DELMAR

Visting Assistant Professor, Division of Literature, Languages, and Philosophy (2021);

REILLY, WILFRED

Associate Professor, School of Public Administration (2017); Ph.D., Southern Illinois University, Carbondale.

ROGERS, JOHNATHAN

Assistant Professor, School of Science, Technology, Engineering, and Mathematics (2020); M.A., Eastern Kentucky University.

ROSSI, WALDEMAR

Assistant Professor, CACS, (2016); Ph.D., Texas A&M University, Corpus Christi.

SCHNELLER, BEVERLY

Professor, School of Humanities and Performing Art, (2018); Ph.D., Catholic University of America.

SEDLACEK, JOHN

Associate Professor/Interim Chairperson, School of Agriculture, Communities, and the Environment (2012); B.S., Baldwin-Wallace College; M.S., Miami University; Ph.D., University of Kentucky.

SEMMENS, KENNETH

Assistant Professor, School of Aquaculture and Aquatic Sciences (2015); B.S., University of Washington; M.S., Auburn University; Ph.D., Auburn University.

SHABAZZ, DAVID

Associate Professor, School of the Humanities and Performing Arts (2003); B.S., Benedict College; M.S., University of South Carolina; M.Ed., Wake Forest University; Ph.D., Regent University.

SHARMA, RITA

Associate Professor, School of Science, Technology, Engineering, and Mathematics (2012); M.S., Kurukshetra University, Kurukshetra, India; Ph.D., Kurukshetra University, Kurukshetra, India.

SHEN, CHI

Professor, School of Science, Technology, Engineering, and Mathematics (2005); B.S., Chongqing University; M.S., Chinese Academy of Science; Ph.D., University of Kentucky.

SIMON, MARION

Extension Professor, CACS (2012); B.S., University of Kentucky; M.S., University of Kentucky; Ph.D., Oklahoma State University.

SIPES, KIMBERLY

Assistant Professor, School of Business (2000); B.S., University of Kentucky; M.S., University of Kentucky; M.A., University of Kentucky.

SMITH, HELEN

Associate Professor, Division of Literature, Languages, and Philosophy (2007); B.A., University of California; M.A., San Francisco State University; Ph.D., University of California.

SMITH, PETER A.

Professor, Division of Literature, Languages, and Philosophy (1996); B.A., Long Island University; M.A., Long Island University; Ph.D., University of Notre Dame.

STRATTON, GARY

Associate Professor, School of Business (2017); B.S. University of Kentucky; M.S. Murray State University; Ph.D. Clemson University.

STUCKEY, SHEILA A.

Associate Professor/Director of Libraries, Library (1994); B.S., South Carolina State University; M.L.S., University of Pittsburgh.

TATE, DEBBRA

Assistant Professor/Acquisitions and Resource Planning Librarian, Library (2007); B.A., Berea College; M.S.L.S., University of Kentucky.

THOMAS, REGINALD L.

Assistant Professor, School of Criminal Justice (1984); B.A., Dartmouth College; J.D., Harvard University.

TIDWELL, JAMES H.

Professor/Chair, School of Aquaculture and Aquatic Sciences (1987); B.S., University of Alabama at Birmingham; M.S., Samford University; Ph.D., Mississippi State University.

TOPE, AVINASH

Assistant Professor, School of Agriculture, Communities, and the Environment (2012); B.S., Osmania University, Hyderabad, India; B.Edn, Osmania University, Hyderabad, India; M.S. B.A. Marathwada University, Aurangabad, India; Ph.D., Osmania University, Hyderabad, India.

TROOP, CATHERINE

Associate Professor, School of Behavioral and Social Sciences (2021); Ph.D., University of Kentucky; M.A., Georgetown University; M.S., University of London, University College; B.S., Centre College.

TURAY, ABDUL M.

Professor, School of Business (2012); B.A. Morehouse College, Atlanta, GA; M.A. Atlanta University; Ph.D. University of Oklahoma.

TURNER, LISA

Assistant Professor, School of Nursing (2017); M.S., Indiana Wesleyan University.

VALENTINE, MONICA

Assistant Professor, School of Public Administration (2017); Ph.D., Sullivan University.

WALSTON, HERMAN E.

Professor, School of Education, Human Development, and Consumer Sciences (1976–87; 1988); B.S., Alabama A and M University; M.Ed., Alabama A and M University; Ed.S., University of Toledo, Ed.D., Vanderbilt University.

WANG, CHANGZHENG

Associate Professor, School of Agriculture, Communities, and the Environment (2012); Ph.D., University of Florida; M.S. University of Saskatchewan, Canada; DVM, Agriculture University, China.

WASHINGTON, GAVIN

Assistant Professor, School of Education, Human Development, and Consumer Sciences (2015); Ph.D., University of Kentucky; Ed.D., University of Kentucky

WEBSTER, THOMAS

Associate Professor, School of Agriculture, Communities, and the Environment (2012); B.A., Oberlin College; M.S., University of California;

WHITWORTH, DANIEL

Assistant Professor, School of Humanities and Performing Arts (2020); A.A., Cuyahoga Community College; B.A., Kentucky State University; M.M., Eastern Kentucky University.

WICKER, SCOTT

Associate Professor, School of Science, Technology, Engineering, and Mathematics (2018); Ph.D., Southern University A&M College.

WILLIAMS, FREDERICK

Assistant Professor, School of Criminal Justice; Chair of Criminal Justice Education (2019); B.S. Tennessee State University; M.S. University of Louisville; Ph.D. University of Louisville

WISE, CLIFTON

Assistant Professor, School of Science, Technology, Engineering, and Mathematics (2015); Ed.D., Nova Southeastern University.

WITTY, BARBARA

Assistant Professor, School of Nursing (2019); M.S.N., University of Louisville.

YATES, LUCIAN

Professor, School of Education, Human Development, and Consumer Sciences (2018); Ph.D**.,** Ohio University, Athens.

YOUNG, ALLISON

Associate Professor, CACS, (2016) Ph.D., University of Minnesota, Minneapolis.

Faculty Emeriti

ALLEN, HOMER E.

Associate Professor, School of Humanities and Performing Arts, B.S., Brescia College; M.A., Murray State University. Kentucky State University, 1972–2003.

BARNES, WILLIAM T.

Assistant Professor, Department of Industrial Education; B.S., Kentucky State University; M.A., Kentucky State University. Kentucky State University, 1968–1985.

BEARDEN, WILLIAM

Professor/Chairman, Department of Industrial Education; B.S., Tuskegee Institute; M.S., Bradley University; Ed.D., Bradley University. Kentucky State University 1970–1987.

BENNETT, CHARLES H.

Professor/Dean, College of Mathematics, Science, Technology and Health; B.S., Stetson University; M.A., Wake Forest University; Ph.D., University of Kentucky. Kentucky State University, 1977–2012.

BOURGOIS, LOUIS G., III.

Professor, School of Humanities and Performing Arts; B.Mus.Ed., Murray State University; M.Mus., University of Louisville; Kentucky State University, 1986–2013, D.M.A., Ohio State University.

CHACKO, C. ABRAHAM

Professor, Department of Education; B.R.E., Spicer Memorial College, India; M.A., Philippine Union College; M.S., Indiana University; Ed.D., Indiana University. Kentucky State University, 1969–1986.

CHAWLA, LOUISE

Associate Professor, Whitney Young School; B.A., Hunter College; M.A., Bryn Mawr College; Ph.D., City University of New York. Kentucky State University, 1984–2006.

CHEANEY, HENRY E.

Professor, Area of History and Political Science; A.B., Kentucky State University; A.M., University of Michigan; Ph.D., University of Chicago. Kentucky State University, 1936–1982.

CHEANEY, ORA–MAE

Assistant Professor, Department of Home Economics; B.S., Kentucky State University; M.S., R.D., Indiana University. Kentucky State University, 1957–1976.

COLTHARP, MARCELLUS T.

Professor, School of Mathematics and Computer Science and Sciences; B.S., The University of Texas at Austin; Ph.D., The University of Texas at Austin. Kentucky State University, 1969–1996.

CONNER, EDWIN L.

Associate Professor, Whitney Young School; B.A., University of the South; M.A., Vanderbilt University; Ph.D., Vanderbilt University. Kentucky State University, 1988–2014.

COOKE, CATHERINE

Associate Professor, School of Nursing; B.A., Western Kentucky University; B.S.N., Spalding College; M.S.N., University of Kentucky. Kentucky State University, 1976–2010.

FLEMING, WILLIAM J.

Professor, School of Mathematics and Computer Science and Sciences; B.S., Central State University; M.A., Kent State University; Ph.D., Howard University. Kentucky State University, 1967–1992.

FLETCHER, WINONA

Professor, Department of English and Director of Dramatic Arts; A.B., Johnson C. Smith University; M.A., State University of Iowa; Ph.D., Indiana University; Post-Doctoral Study, African Study Seminar in West Africa. Kentucky State University, 1951– 1952; 1953–1978.

GERSHMAN, DONNA G.

Assistant Professor, Division of Health, Physical Education, and Recreation; B.S., Kentucky State University; M.S., University of Kentucky. Kentucky State University, 1970–1991.

GILES, BROOKS

Director, Department of Maintenance and Operation; Assistant Professor; B.S., Maryland State College; M.A., Ohio State University; Advance Study, Ohio State University. Kentucky State University, 1958–1987.

GRAHAM, WILLIAM

Instructor, School of Education and Human Development, Director for Exum Center, College of Public Service and Leadership Studies (1989); B.S., Kentucky State University; M.Ed., University of Pittsburgh.

GREENLAND, THOMAS G.

Professor of Psychology; B.A., University of Cincinnati; M.A., University of Hawaii; Ph.D., University of Kentucky. Kentucky State University, 1973–2004.

HARRIS, LEE CHARLES

Associate Professor, School of Nursing; B.S., Kentucky State University; Diploma, Freedman's Hospital School of Nursing; M.S.P.H., University of Kentucky; M.P.H., Johns Hopkins University; Ed.D., University of Kentucky. Kentucky State University, 1968–1973, 1975–1999.

HELM, FINLEY

Associate Professor of Mathematics; B.A., Western Kentucky University; M.S., Kentucky State University; M.A., Kentucky State University; Ph.D., University of Kentucky. Kentucky State University, 1984–2004.

HUGHES, THOMAS

Professor, Division of Computer and Technical Sciences; B.A., University of Northern Iowa; A.M., Indiana University; Ph.D., University of Kentucky. Kentucky State University, 1982–2006.

JOHNSON, MARVIN

Associate Professor, School of Mathematics and Computer Science and Sciences; B.S., Kentucky State University; A.M., Indiana University; M.A., University of Kentucky. Kentucky State University, 1966–1969, 1972–1977,1978–2006.

JONES, WILLIAM WARREN

Associate Professor/Acting Chairperson, Department of Mathematics and Physics; B.S., Johnson C. Smith University; M.S., Cornell University. Kentucky State University, 1929–1972.

KAUL, KARAN

Professor, School of Mathematics and Computer Science and Sciences; B.S., University of Delhi, India; M.S., University of Delhi, India; Ph.D., University of Kentucky. Kentucky State University, 1980–2013.

KING, RUTH

Associate Professor/Chairperson, Department of Home Economics; B.S., Kentucky State University, M.A., Michigan State University; Ph.D., University of Tennessee. Kentucky State University, 1962–1987.

LAKE, GASHAW W.

Professor, School of Public Administration and Social Work (1986); B.A., Saginaw Valley State College; M.P.A., University of Oklahoma; Ph.D., University of Oklahoma.

LEADINGHAM, JO G.

Associate Professor, School of Humanities and Performing Arts; B.A., Austin Peay State University; M.A., University of Kentucky; Ph.D., University of Kentucky. Kentucky State University, 1977–2001.

LEE, CHUNG JA

Professor, School of Education and Human Development; B.S., Seoul National University; M.S., University of Massachusetts; Ph.D. Purdue University. Kentucky State University, 1970–1999.

LOCKYER, CHARLES R.

Professor/Chairperson, Department of Computer Science; B.S., Miami University; M.A., Miami University; Ph.D., University of Kentucky. Kentucky State University, 1969–1978; 1981–1986.

LUNDBERG, NEDRA D.
Assistant Professor of English; B.A., University of South Dakota; M.A., University of Kentucky. Kentucky State University, 1976– 2005.

LYONS, DONALD

Associate Professor, Blazer Library; A.B., Kentucky State University; M.S.L.S., University of Kentucky. Kentucky State University, 1971–1995.

MARTIN, VENEDA S.

Assistant Professor, Department of Nursing; Diploma, St. Joseph Infirmary School of Nursing; B.S.N., University of the State of New York; M.S.N., University of Louisville; M.S., University of Louisville. Kentucky State University, 1975–2003.

McDANIEL, KAREN

Professor/Director, Blazer Library. B.S., Berea College; M.S.L.S., University of Kentucky. Kentucky State University, 1975–1983; 1989–2005.

McLENDON, ETHEL L.

Assistant Professor, Department of Social Work and Criminal Justice; B.A., North Carolina College; M.S., Tennessee State University. Kentucky State University, 1963–1986.

MILLER, DOROTHY C.

Associate Professor of English; B.A., Cumberland College; M.A., Kentucky State University; Ed.S., Bowling Green State University; Ph.D., Bowling Green State University. Kentucky State University, 1986–2005.

MIRANDA, BARBARA C.

Assistant Professor, Department of Nursing; B.A., Ursuline College; B.S.N., Spalding College; M.S., Spalding College. Kentucky State University, 1973–1993.

MOORE, ALAN C.

Professor, School of Humanities and Performing Arts; B.Mus., Peabody Conservatory; M.Mus., Yale University; Ph.D., University of Iowa. Kentucky State University, 1971–2009.

MORGAN, CONSTANCE

Lecturer, School of Nursing; Diploma, St. Joseph Hospital School of Nursing; B.S.N., Kentucky State University. Kentucky State University, 1983–2006.

MORGAN, NEVILLE

Professor/Dean, College of Humanities, Business, and Society; B.A., St. Francis College; M.A., University of Cincinnati; Ph.D., University of Cincinnati. Kentucky State University, 1975–2000.

MORRIS, EDDIE W.

Professor, Division of Education and Human Services; B. A., Paine College; M.A., Washington University; Ed.D., University of Kentucky. Kentucky State University, 1965–1995.

NAVE, BETTY

Assistant Professor, Division of Literature, Languages, and Philosophy; A.B., University of Kentucky; M.A., Columbia University. Kentucky State University, 1970–1988.

PEARSON, PATRICIA A.

Professor, Division of Behavioral and Social Sciences; B.A., Tennessee State University; M.S., Tennessee State University; Ph.D., University of Kentucky. Kentucky State University, 1984–2013.

PETIT, NICHOLAS

Associate Professor of English. B.S., Massachusetts Maritime Academy; B.A., Northeastern University; M.A., Northeastern University. Kentucky State University, 1969–2003.

QUARLES, BONITA

Associate Professor, School of Nursing. B.S.N., University of Kentucky; M.S.N., University of Kentucky. Kentucky State University, 1980–2002.

RIDGEL, GERTRUDE C.

Professor, School of Mathematics and Computer Science and Sciences; B.S., West Virginia State College; M.S., University of Wisconsin; Ph.D. University of Wisconsin. Kentucky State University, 1960–1986.

ROQUEMORE, ROBERT

Associate Professor, School of Public Administration, Social Work, and Criminal Justice; B.A., Chapman College; M.A., Pepperdine University; Ed.D., Memphis State University. Kentucky State University, 1999–2011.

SHELTON, ROOSEVELT

Professor, Division of Fine Arts

SMITH, CARL H.

Professor, School of Humanities and Performing Arts; B. Mus. Ed., Lincoln University; M.Mus., Tulsa University; Ph.D., University of Pittsburgh. Kentucky State University, 1958–1996.

SMITH, MARY L.

Professor, Division of Education; B.S., Jackson State University; M.A., Ed.D., University of Kentucky. Kentucky State University, 1972–1998.

TAYLOR, RICHARD L.

Professor, Division of Literature, Languages, and Philosophy; B.A., University of Kentucky; M.A., University of Louisville; J.D., University of Louisville; Ph.D., University of Kentucky. Kentucky State University, 1975–2009.

TURNER, PATSY O.

Assistant Professor/Chairperson, Department of Nursing; Diploma, Louisville General Hospital School of Nursing; B.S.N., Tuskegee Institute; M.S.N., Indiana University. Kentucky State University, 1970–2000.

WEATHERS, MARY COSBY

Associate Professor of Social Work/Chair, Division of Social Work and Criminal Justice; B.A., Howard University; M.S.S.W., University of Louisville; Ph.D., University of Tennessee. Kentucky State University, 1989–2005.

WOELFEL, MARTHA J.

Associate Professor of Biology; B.A., University of Texas at Austin; M.A.T., University of Louisville. Kentucky State University, 1976–2004.

WOODS, DON ANTHONY

Professor, School of Public Administration; B.S., Tennessee State University; M.P.A., Tennessee State University; Ph.D., University of Pittsburgh. Kentucky State University, 1984–2003.

WRIGHT, JUANITA H.

Associate Professor, Department of Education; A.B., Kentucky State University; M.A., University of Kentucky. Kentucky State University, 1973–1989.

WRIGHT, LILLIAN T.

Assistant Librarian and Assistant Professor; B.S., Alabama State College; M.S.L.S., Atlanta University. Kentucky State University, 1949–1983.

Presidents of the University

Mr. John H. Jackson	1887–1898, 1907–1910
Mr. James E. Givens	1898–1900
Mr. James S. Hathaway	1900–1907, 1910–1912
Mr. Green P. Russell	1912–1923, 1924–1929
Mr. Francis M. Wood	1923–1924
Dr. Rufus B. Atwood	1929–1962
Dr. Carl M. Hill	1962–1975
Dr. William A. Butts	1975–1982
Mr. Raymond M. Burse	1982–1989, 2014–2016
Dr. John T. Wolfe, Jr.	1990–1991
Dr. Mary Levi Smith	1991–1998
Dr. George Willis Reid	1998–2002
Dr. Paul E. Bibbins, Jr. (Interim)	2002
Dr. William H. Turner (Interim)	2003–2004
Dr. Mary Evans Sias	2004–2014
Dr. Aaron Thompson (Interim)	2016–2017
Dr. M. Christopher Brown II	2017-2021
Mrs. Clara Ross Stamps (Acting)	2021-present

Chapter 13
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:

Course Prefix	Subject	Page Number	Course Prefix	Subject	Page Number
AAS	African American Studies		HON	Honors Core	
ACC	Accounting		IGS	Integrative Studies	
AFE	Agriculture, Food, and Environment		INT	Industrial Technology	
AFS	Air Force Studies		ITA	Italian	
AMS	Army Military Studies		JOU	Journalism	
AQU	Aquaculture		JPN	Japanese	
ARB	Arabic		KOR	Korean	
ART	Art		LST	Liberal Studies – Honors	
ASL	American Sign Language		MAT	Mathematics	
ASP	Africana Studies		MIS	Management Information Systems	
BIO	Biology		MGT	Management	
BUA	Business Administration		MKT	Marketing	
CDF	Child Development and Family Relations		MSC	Mathematics/Sciences	
CHE	Chemistry		MUA	Music-Applied	
CHI	Chinese		MUC	Music-Class Instruction	
CIT	Applied Information Technology		MUE	Music Education	
CJE	Criminal Justice		MUI	Music Industry	
CLE	Credit for Life Experience		MUP	Music – Performance Ensemble	
COE	Cooperative Education		MUS	Music	
COM	Communication		NUR	Nursing	
COS	Computer Science		PHE	Physical Education	
DGE	Digital Gaming		PHI	Philosophy	
ECO	Economics		PHS	Physical Sciences	
EDU	Education		PHY	Physics	
ENG	English		POR	Portuguese	
ESP	Special Education		POS	Political Science	
ENV	Environmental Studies		PSY	Psychology	
ESL	English as a Second Language		PUA	Public Administration	
FCS	Family and Consumer Sciences		REC	Recreation	
FIN	Finance		REL	Religious Studies	
FNU	Foods and Nutrition		RES	Real Estate	
FRE	French		RUS	Russian	
GEO	Geography		SCM	Supply Chain Management	
GNT	Gerontology		SOC	Sociology	
HEC	Home Economics		SOW	Social Work	
HED	Health Education		SPA	Spanish	
HIS	History		THE	Theatre	

AFRICAN AMERICAN STUDIES

AAS 303/ART 303: African American Art History. 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. Credit: 3 semester hours.

AAS 314/HIS 314: African Americans in the United States. 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. Prerequisite(s): HIS 201 and HIS 202, or consent of instructor. Credit: 3 semester hours.

AAS 323/MUS 323: African American Music. A study of the development of African American music, including spirituals, blues, jazz, symphonic literature, and miscellaneous songs. Open to non-Music majors. Credit: 3 semester hours

AAS 325/MUS 325: Jazz History and Literature. A survey of jazz, including its origins, major performers, and composers. All idioms and styles are studied using selected readings and recordings. Open to non-Music majors. Credit: 3 semester hours.

AAS 365/HIS 365: African History to 1870. A survey tracing the earliest beginnings of man in Africa and the development of sub-and trans-Saharan civilizations. Prerequisites: HIS 101 and HIS 102. Credit: 3 semester hours.

AAS 366/HIS 366: African History from 1870. The creation and development of European colonial empires in Africa and the subsequent rise of independent African states. Prerequisites: HIS 101 and HIS 102. Credit: 3 semester hours.

AAS 409/ENG 409: Literature of African Americans. A study of representative literary works written by African Americans from Phillis Wheatley to the present. Prerequisite: ENG 211. Credit: 3 semester hours.

AAS 411/HIS 411: African Americans in the Twentieth Century. A thorough study of the contributions of African Americans to American culture and their struggle for full citizenship in the United States. Prerequisites: HIS 201 and HIS 202. Credit: 3 semester hours.

ACCOUNTING

ACC 201: Principles of Accounting I. An introduction to current accounting theory and practice, including accounting concepts, principles, financial statements, the accounting cycle, and selected assets such as cash, receivables, inventory and long-term assets. Prerequisites: MAT 115 or higher, BUA 101 and BUA 102 with grades of C or better or consent of instructor. Credit: 3 semester hours.

ACC 202: Principles of Accounting II. A continuation of ACC 201. A study of accounting fundamentals including current liabilities, partnerships, corporations, the statement of cash flows, investments and financial performance evaluation, and accounting information for managerial decision-making. Prerequisites: ACC 201, BUA 101 and BUA 102, all with grades of C or better or consent of instructor. Credit: 3 semester hours.

ACC 300: Managerial Accounting. An exploration of decision-making tools and use of accounting information used by internal management for directing and controlling an organization's resources. Prerequisites: ACC 201, BUA 101 and BUA 102, all with grades of C or better or consent of instructor. Credit: 3 semester hours.

ACC 301: Intermediate Accounting I. A comprehensive study of concepts and principles underlying corporate financial accounting and reporting. Emphasis is given to current assets and operating assets. Prerequisites: ACC 202, BUA 101 and BUA 102, all with grades of C or better or consent of instructor. Credit: 3 semester hours.

ACC 302: Intermediate Accounting II. A study of investments, current and long-term liabilities, stockholders' equity, pensions, leases, accounting changes and error analysis, statement of cash flows, and interperiod income tax allocation. Prerequisite: ACC 301. A continuation of ACC 301. Credit: 3 semester hours.

ACC 303: Intermediate Accounting III. This course is a continuation of ACC 301 and 302. The course consists of a comprehensive study of concepts and principles underlying current financial accounting and reporting practices, including IFRS. Prerequisites: ACC 302 with grade of C or better. Topics include pensions, leases, accounting changes and error analysis, accounting for income taxes, statement of cash flows, governmental and non-profit accounting, business combinations and consolidated financial statements. Credit: 3 semester hours.

ACC 308: Cost Accounting I. 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. Prerequisites: ACC 202, BUA 101 and BUA 102, all with grades of C or better or consent of instructor. Credit: 3 semester hours.

ACC 324: Accounting Information Systems. 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.Prerequisites: ACC 202, BUA 101 and BUA 102, all with grades of C or better or consent of instructor. Credit: 3 semester hours.

ACC 403: Auditing. 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. Prerequisite/Co- requisite: ACC 302; Prerequisite: BUA 320. Credit: 3 semester hours.

ACC 410: Governmental/Not-for-Profit-Accounting. 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. Prerequisite: ACC 301 or consent of instructor. Credit: 3 semester hours.

ACC/FIN 425: Analysis of Financial Statements and Financial Reporting. The study of accounting data and financial statements for reporting and planning purposes and the analysis and interpretation of financial statement for accounting, management, and investment purposes. Applications and financial software are utilized to construct pro-forma statements and complete case analysis assignments. Prerequisite: FIN 330. Credit: 3 semester hours.

ACC 462: Federal Income Taxation. Study of federal income tax concepts, laws and rules relating to individuals and businesses. Basic tax return preparation and tax research are included. Prerequisites: ACC 202, BUA 204 BUA 102, ECO 201, all with grades of C or better. Credit: 3 semester hours.

ACC 463: Advanced Federal Income Taxation. 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. Prerequisite: ACC 462. Credit: 3 semester hours.

ACC 480: Accounting Internship. Off-campus, on-the- job employment related to the discipline of accounting. Prerequisites: ACC 301; junior or senior classification and consent of chairperson. Credit: 3 semester hours.

ACC 497: Contemporary Topics in Accounting. An exploration of contemporary topics in accounting. Examples of topics include fraud auditing, forensic accounting, IFRS or other emerging or relevant topics. May be repeated up to three times for credit for different topics. Prerequisites: ACC 301, 302 or consent of instructor. Credit: 3 semester hours.

ACC 499: Independent Study in Accounting. Research and in-depth study of a particular accounting concept or problem under the guidance of a faculty member. Prerequisite: Senior classification and consent of the chairperson. Credit: 3 semester hours.

AGRICULTURE, FOOD, and ENVIRONMENT

AFE 110: Agriculture, Food, and Environment Lab. This is a hands-on class that provides students with a greater understanding of agriculture, food, and environmental systems. Students gain hands on experience in many of the common practices and procedures used for field and lab work in the different areas within AFE. Pre-Co Requisite AFE 116. Credit: 1 credit hour.

AFE 116: Introduction to Agriculture, Food, and Environment This course familiarizes students with career options, necessary academic preparation, and how to search for a job in environmental science and agriculture. In addition to lectures, students will visit several environmental science/agriculturally related venues in central Kentucky. Credit: 2 semester hours.

AFE 117: Global Perspectives in Agriculture, Food, and Environment. Students will explore agriculture, food science, and environmental issues across the planet and how these issues also impact people in the United States. Climate change, international challenges to food production, expanding international markets, global competition in producing food and energy, and international environmental challenges will be examined. Credit: 3 semester hours.

AFE 118: Intro to Fermentation & Distillation Science. This course identifies the crops used as the raw ingredients of beer, wine, and distilled spirits and understand the molecular transformations of brewing and distilling. Credit 3 semester hours

AFE 120: Principles of Agronomy. Students explore the science of agronomy to include plant, soil, and turf sciences. Interactions of plant, soil, and turf sciences will be introduced along with all of the components of them which will include breeding, physiology, pathology, production, and the effects of meteorology. Credit: 4 semester hours

AFE 130/CHE 108: Fermentation & Spirits Chemistry. This course deals with chemical processes and reactions that are necessary in the process of fermentation and distillation. Specific chemical bonding and reactions that are necessary for successful brewing and distillation as well as acid/base chemistry will be covered. Credit 4 semester hours.

AFE 211: Introduction to Animal Science. This course provides the student with basic information on livestock production and management of food animals primarily cattle, goats, sheep, swine, and poultry. It will include information on alternative and conventional production of animals. Credit: 3 semester hours.

AFE 212: Vet Clinical I: This course provides hands on experience in the area of veterinary technology in veterinary clinics and on farm lab activities. Credit: 2 semester hours.

AFE 213: Animal Handling Practices Lab. This class is designed to give additional training in areas of animal agriculture for students and includes both lecture and hands on activities. This course covers current humane handling practices of livestock and focus on Quality Assurance practices for the livestock species. Animal behavior will

be covered as it relates to handling practices. Students will learn different restraint practice used in different species to reduce stress on the animals. Pre or Co Requisite: AFE 211. Credit: 1 semester hour.

AFE 215: Agribusiness Management. This course provides an introduction to the management of non- farm businesses in agriculture. It includes: 1) the role of an agribusiness manager, 2) management as a strategy for long-term survival of a business, and 3) management of operations, marketing, financials, and human resources as part of an agricultural industry. Credit: 3 semester hours.

AFE 217: Plant Science and Horticulture Principles. An introduction to plant structure, function, physiology, nutrition, health, growth, and genetics and interactions between crop production systems and the environmental science/agriculturally related venues in central Kentucky. This course has a lab component. Prerequisite: AFE 120. Credit: 4 semester hours.

AFE 305: Introduction to Animal Disease and Management. This course in intended for those with theoretical and practical interest in the field of animal diseases and management techniques, especially those interested in learning about the most frequently encountered veterinary diseases caused by viral, bacterial, protozoa, helmet, and fungal agents and their management, including various treatments and therapies. Students in the Vet-Tech option will be introduced to various aspects of veterinary disease prevention, vaccinations, scientific principles involved in most commonly employed diagnostic techniques, their working knowledge, various effective treatment strategies with drugs, their administration and safe handling of animals. Prerequisite: BIO 302 or consent of instructor. Credit: 3 semester hours.

AFE 306: Diagnosis Technique of Animal Disease. This course is designed to help veterinary technology students learn how to perform specific diagnostic techniques and procedures including: radiology and ultrasound on animals; serology testing; Enzyme- linked Immunosorbant Assay (ELISA) procedures; staining of specimens; real time polymerase chain reaction (PCR) tests; DNA processing; using a microscope; zoonotic disease testing; and other needed techniques (some commonly-used and other less commonly used techniques). Prerequisite: CHE 102 and BIO 302 or consent of the instructor. Credit: 3 semester hours.

AFE 307: Animal Nutrition. This course will deal with the classification and functions of nutrients, deficiency symptoms, digestive processes, characterization of feedstuffs, and formulation of diets for domestic animals and pet animals. The course is designed for students majoring in Veterinary Technology. Prerequisite: CHE 102/120. Credit: 3 semester hours.

AFE 308: Pharmacology for Veterinary Technicians. This course is designed as an introduction to the basic principles of veterinary pharmacology. The course will cover the most common classes of drugs affecting the gastrointestinal, neurological, nervous, respiratory, cardiovascular and dermal systems. An in-depth knowledge of drug type/group recognition, clinical usage, method of administration and regulation, absorption, dose calculation, preparation, dispensing, labelling and packaging will be required. Emphasis will be placed on common veterinary antimicrobials, disinfectants, anti-inflammatories, analgesics, anti- parasitic, anti-convulsants, and hormonal drugs; their side effects, contraindications and potential complications or interactions. Euthanasia solutions, fluid therapy, vaccines, pharmacy inventory control and customer relations will also be taught. Prerequisite: AFE 305 or consent of Instructor. Credit: 3 semester hours.

AFE 309: Livestock Reproduction. This course will cover the estrus cycle and reproduction of common livestock species. Discussing the anatomy and physiology of reproduction as well as applied techniques in current industries. Prerequisites: AFE 211. Credits: 3 semester hours.

AFE 311: Practicum I. Practicum in Agriculture, Food Science or Sustainable Systems. Prerequisite: Prerequisite: AFE 116 and Sophomore Standing. A course in which advanced AFE students pursue an independent experiential project off campus. Prerequisite: AFE 116 and Sophomore standing. Credit: 2 semester hours.

AFE 312: VET Clinical II. This class is designed to provide the student with greater understanding and experience in the field of Veterinary Technology. It will include lecture and applied time in an actual clinic setting. This course is designed to provide the student with greater understanding of the job requirements and skills needed to be a veterinary technician. The goal is to develop and improve specific skills related to equine and companion animals. Prerequisite: AFE 212. Credit: 2 semester hours.

AFE 318: Environmental Entomology. An Introduction to insects including their importance, basic anatomy, physiology, ecology and management. Identification of major orders and families of insects will be covered as well. This is a lecture, field and laboratory course. Prerequisites: BIO 111 or consent of the instructor. Credit: 4 semester hours.

AFE 322: Livestock Anatomy & Physiology Anatomy and Physiology of Livestock is designed for students entering livestock or veterinary careers. This course emphasizes Cattle, small ruminants, swine, and horses, poultry if time allows. Information to be covered will include the physical structures their functions and also brief mention to pathology and applied science. The course will take a systematic approach by teaching anatomy of each organs system in common species with the normal physiology of that system.

AFE 334: Soil Science. The course will explore interactions between soil, agriculture, and the environment. Topics include soil organic matter, soil contamination, water management and quality, soil classification, nutrient management, and soil remediation. After taking the course, students soon realize that soil science concepts, learned in class, will reward them on the job market. Credit: 3 semester hours.

AFE 340: Environmental Science & Agroecology. This course is intended for those with theoretical and practical interest in environmental issues and is designed to provide a wide range of subjects and practical work experience using standard methods, concepts and equipment in environmental science. Prerequisites: AFE 211 and AFE 217. Credit: 3 semester hours.

AFE 359: Fermentation of Food & Food Safety. This course focuses on issues and concerns related to food safety and microbiology in fermented foods. Students will have hands on/practical approaches in microbial food processes, general food safety, public health and epidemiology. Credit: 4 semester hours.

AFE 366: Climate Change Studies. The course provides the fundamentals of Earth's climate system, and mechanisms of climate change as well as the methods that scientists use to investigate climate variability or change. It focuses on the Earth's natural climate changes over the past and the role that humans have had in changing climates. Students will investigate the relationships between human activity and climate change and the consequences when human and natural factors interact. Students will use a Climate Change laboratory manual to explore weather related data, learn and investigate climate models and predictions. Students will explore possible technological solutions to these vast and increasingly important problems. Credit: 3 semester hours.

AFE 401: AFE Seminar. This course aims at familiarizing students in the field of scientific communication, especially in scientific presentations of their research experience/findings in the various specialized course offerings at the College of Agriculture, Communities, and the Environment. In addition to being trained in scientific writings, students will present their research results from AFE 411 in this class. Students may get an opportunity to present their research

findings at professional meetings of various societies, depending on the opportunity presented. Prerequisites: AFE 411 and Senior standing. Credit: 1 semester hour.

AFE 404: Nutrition and Metabolism. Nutrition and Metabolism instructs students on fundamentals of basic nutrition and metabolic activity. Students will cover the metabolic pathways of carbohydrates, lipids, protein, amino acids, and vitamin/minerals and how they are all interconnected. In addition, this class will explore the nature of metabolic diseases and how nutrition plays a significant role. Prerequisites: CHE 101 or consent of instructor. Credit: 3 semester hours.

AFE 405: Research and Extension in Nutrition. This course will provide substantial opportunities for students to learn about research education and Extension activities in the area of Nutritional Science. Students will encounter several topics in the area of nutrition and will have several opportunities for hands- on learning. Credit: 3 semester hours.

AFE 407: Agroforestry Local and Global Perspectives. Students will examine and have an understanding of how different agroforestry systems function with landscapes across multiple scales (plot, watershed, landscape) and how these systems contribute to achieving multiple benefits (environmental, social, economic, etc.). Credit: 3 semester hours.

AFE 408: Anesthesia and Surgical Procedures. This course will focus on both background knowledge and practical applications of anesthesia-related skills for veterinary technicians. Prerequisites: BIO 308 and AFE 305 or consent of instructor. Credit: 3 semester hours.

AFE 411: Practicum II. Advanced research in Agriculture, Food Science or Sustainable Systems. A course in which advanced AFE students pursue an independent hypothesis driven research project on or off campus. Prerequisites: AFE 311, MAT 115 or 200, and Junior standing. Credit: 2 semester hours.

AFE 412: VET Clinical III. This is the last clinical course and is designed to allow students to gain greater knowledge and skills in the specific job requirements of a veterinary technician. The class will involve greater actual clinic time but will also include activities related to professional development and expectations of veterinary technicians. This class is designed to allow students to have a better understanding of expectations and gain the hands on skills expected in the workplace. Prerequisite: AFE 312. Credit: 3 semester hours.

AFE 415: Livestock Production Practices. Course will explore conventional and alternative production practices for the major livestock species produced in Kentucky. Students will learn about organic, forage based, and natural production practices and how they compare to conventional production. They will have hands-on experience with working with livestock to learn basic handling and management procedures. The class includes field trips to different farms and hands on activities. Prerequisites: AFE 211. Credit: 3 semester hours.

AFE 416: Nutrition and Society. As the prevalence of obesity and co-morbidities continue to rise in the United States, there is a strong need for individuals trained in community nutrition education as well as science. This course is dedicated to teaching students the principles behind nutrition education, epidemiological factors, methodologies and pertinent organizations. Credit: 3 semester hours.

AFE 417: Modern Nutrition and Disease. This course is intended for those with theoretical and practical interest in the field of Food and Nutrition Sciences and will give an overview of the role of Nutritional Science as it relates to health with special emphasis on disease prevention and management of disorders and diseases of various body systems. Prerequisite: FNU 104 with grade of C or better. Credit: 3 semester hours.

AFE 425: Organic Crop and Livestock Production. Principles and practices of organic agriculture are presented in the context of their historical, philosophical, economic, and scientific underpinnings. Students will develop a broad theoretical and practical understanding of organic agriculture. Prerequisites: MAT 120 or MAT 125 or consent of instructor. Credit: 3 semester hours.

AFE 426: Agricultural Economics and Marketing. This course discusses economics, farm management, and marketing from an agricultural, and aquaculture, perspective. The focus is on economic relations that would apply to aquaculture and agriculture, in general. Most economics discussions will be presented by drawing graphs instead of writing formulas, although some formulas will also be discussed. The main goal is to prepare students to have the ability to manage a farm from a production, marketing, financial, and business planning perspective. Overall, the course will use a practical approach that would appeal to the understanding of most students. Prerequisite: MAT 115 or MAT 115A. Credit: 3 semester hours.

AFE 435: Urban Agriculture. Examine contributions of ornamental and food gardens to community health and food system sustainability. Explore potential of compact urban agriculture to offset community food needs through high and low input production. Gain hands-on experience with tools, techniques and practices used to grow and process food and ornamental crops in urban environments. Credit: 3 semester hours.

AFE 440: Ornamental and Landscape Plants. This course provides an understanding of the identification, morphology, classification, nomenclature and adaptability of ornamental plants in landscape environments. The use of plants in home, business, and park landscapes to reduce water use, pollutants, energy, and labor inputs is examined. Credit: 3 semester hours.

AFE 442: Plant Propagation and Plant Production Systems. This course provides an understanding of both traditional plant propagation and tissue culture as well as sustainable plant production systems. Plant propagation is a critical part of nursery and greenhouse management not only to reduce production costs but also to maximize the potential profit. Sustainable practices and production of horticultural crops is also examined to reduce water use, pollutants, energy, and labor inputs. Topics covered also include soil, plant nutrition, pest and disease management that are essential for small scale farmers. Prerequisite: AFE 217 or consent of instructor. Credit: 3 semester hours.

AFE 443: Apiculture/Pollination Biology. This course guides the student through the biology and culture of honeybees and other important pollinators. The morphology, physiology, behavior, reproduction, genetics, breeding and ecology of honeybees are included. The application of the biology of honeybees is described, as they are important crop pollinators and producers of honey and wax. The biology of other pollinators, especially other species of bees, is compared to that of the honeybee. In particular, the relative merits of various pollinators are compared according to the plants they visit. Recent ideas and novel applications for apiculture are described. Credit: 3 semester hours.

AFE 445: Agriculture and Energy. Examine agriculture's role as a producer and consumer of energy in context of the broader food system and economy. Explore potential to improve agricultural energy efficiency and produce energy on farms using solar, wind, hydro, bio-power, and biofuel technologies. Credit: 3 semester hours.

AFE 450: Human Health and Environment. This course is intended for those interested in theoretical and hands-on training with a biomedical approach to the field of human health and the environment. Students taking this multidisciplinary course will have a holistic understanding of how the physical, chemical and biological factors of the environment impact human health. Prerequisites: BIO 111, CHE 101, and CHE 110. Credit: 3 semester hours.

AFE 455: Food Safety and Microbiology. This course in intended for those with theoretical and practical interest in the field of food sciences, especially those interested in a wide range of subjects and hands- on/practical approaches in

microbial food processes, general food safety, public health and epidemiology. Various aspects of food production, maintenance, supply chains, potential contaminations, introduction to food borne toxins and outbreaks of food borne infections, safe food handling and preparation techniques will be introduced to the students. Prerequisites: BIO 111, CHE 101, and CHE 110 or consent of instructor. Credit: 3 semester hours.

AFE 459: Directed Studies in Fermentation & Distillation Science. Students in this course will work with a mentor on or off campus that will design a project involving the creation of fermented food or beverages or distillation of spirits. Credit: 3 semester hours.

AFE 465: Food Systems. This course explores relationships among environment, food supply chains, security, quality, diet, and consumer health, with particular emphasis on system components after the farm gate. Discuss existing barriers to healthy and sustainable food consumption; and personal behaviors and public policies with potential to overcome these barriers. Credit: 3 semester hours.

AFE 480: Introduction to Geographic Information Systems. This course provides basic instruction in mapping technologies to enable natural resource staff, students, local and state government personnel to enhance their planning and resource management skills. Credit: 3 semester hours.

AFE 485: Special Topics in AFE. This course requires intensive examination of an Agriculture, Food, and Environmental (AFE) science topic chosen by a faculty member in Agriculture, Food, and Environment. This course will require intensive reading and discussion, as well as writing. Credit: 3 semester hours.

AFE 489: Remote Sensing of the Environment. The course introduces fundamental principles of remote sensing applications for recording electromagnetic energy from the earth's surface for studying vegetation, soil, water, and urban infrastructure. Prerequisite: Consent of instructor. Credit: 3 semester hours.

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. 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. Corequisite: AFS 112. Credit: 1 semester hour.

AFS 112: Leadership Laboratory I. 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. Co-requisite: AFS 111. Credit: 1 semester hour.

AFS 113: Aerospace Studies I. 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. Prerequisite: AFS 111. Credit: 1 semester hour.

AFS 114: Leadership Laboratory I. A continuation of AFS 112. 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. Co- requisite: AFS 113. Credit: 1 semester hour.

AFS 211: Aerospace Studies II. Introduces the study or 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. Prerequisites: AFS 111, 113 or PAS approval; Co- requisite: AFS 212. Credit: 1 semester hour.

AFS 212: Leadership Laboratory II. 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. Co- requisite: AFS 211. Credit: 1 semester hour.

AFS 213: Aerospace Studies II. 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. Prerequisites: AFS 111, 113, 211 or PAS approval; Co-requisite: AFS 214. Credit: 1 semester hour.

AFS 214: Leadership Laboratory II. 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. Corequisite: AFS 213. A continuation of AFS 211. Credit: 1 semester hour.

AFS 311: Aerospace Studies III. 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. Prerequisite: Acceptance into POC or approval of PAS; Co-requisite: AFS 312. Credit: 3 semester hours.

AFS 312: Leadership Laboratory III. A course designed and focused on developing advanced leadership skills. Students fill the mid-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. Pass/fail only. Co- requisite: AFS 311. Credit: 1 semester hour.

AFS 313: Aerospace Studies III. 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 managinga military unit, the cadet corps, which offers a variety of situations requiring effective leadership. Prerequisite: AFS 311; Co-requisite: AFS 314. Credit: 3 semester hours.

AFS 314: Leadership Laboratory III. Laboratory to accompany AFS 313. Pass/fail only. Co-requisite: AFS 313. Credit: 1 semester hour.

AFS 395: Independent 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. Prerequisite: senior standing in the AFROTC Program and e.0 standing in Aerospace Studies. Credit: 2 to 6 semester hours.

AFS 411: Aerospace Studies IV. 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. Prerequisite: AFS 313, or approval of PAS; Corequisite: ASF 412. Credit: 3 semester hours.

AFS 412: Leadership Laboratory IV. 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). Co- requisite: AFS 411. Credit: 1 semester hour.

AFS 413: Aerospace Studies IV. 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. Prerequisite: AFS 411 or approval of PAS; Co- requisite: AFS 414. Credit: 3 semester hours.

AFS 414: Leadership Laboratory IV. 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). Note: AFS 112, 114, 212, 214, 312, 314, 412, and 414 require participation in twice per week physical fitness training. Co-requisite: AFS 413. Credit: 1 semester hour.

ALLIED HEALTH

ALH 205: Dimensional Analysis for Pharmaceutical Calculations. This course focuses on those components of safe medication calculation and administration. The emphasis is on accuracy of calculation and the critical thinking involved in patient medication safety. Required for all pre-licensure nursing majors.

ALH 210: Terminology for Health Care Professionals. This course provides the student with basic medical language skills including pronunciation and definitions as a foundation for reading and understanding medical reports, and communicating with healthcare professionals. Required for all pre-licensure nursing majors.

ARMY MILITARY STUDIES

(These classes are offered through the ARMY ROTC program at the University of Kentucky. Call 859/257- 6865 for more information.)

Basic Courses

AMS 101: Introduction to the Army. This introductory level course is designed to give students an appreciation for the role the Army currently plays in our society. The course also covers some of the basic skills necessary to today's leaders

to include oral presentation, time management, map reading, basic rifle marksmanship and squad tactics. Credit: 2 semester hours.

AMS 102: Introduction to Leadership. This course is designed to introduce students with the fundamental skills necessary to be a leader, both in military and civilian context. Course also covers map reading, skills. Credit: 2 semester hours.

AMS 107: Army Military Physical Fitness. This course is intended as an elective for undergraduate students and Cadets (ROTC). It will provide a general understanding of physical fitness and improve their overall total fitness level. Credit: 1 semester hour.

AMS 201: American Military History. Study of the development of the U.S. from a military perspective. Preparallel development of technology and warfare and emphasis on the evaluation of military leadership from the historically tested principles of warfare from the Civil War to the present. Credit: 2 semester hours.

AMS 202: Effective Military Communications. This course provides instruction and practical experience in the art of speaking and writing in the Army style. Students will demonstrate competency through a series of oral presentations and writing assignments. Small unit tactics and map reading skills will also be used in the implementation of the oral presentations. Credit: 2 semester hours.

AMS 211: Advanced Leadership I. This course focuses on both theoretical and practical aspects of leadership. Students will examine such as written and oral communication, effective listening, assertiveness, personality, adult development, motivation, and organization culture and change. Prerequisites: AMS 101 and 102, or consent of instructor. Credit: 2 semester hours.

AMS 212: Advanced Leadership II. This course focuses primarily on officership, providing an extensive examination of the unique purposes, roles and obligations of commissioned officers. It includes a detailed investigation of the origin of our institutional values and their practical application in decision making and leadership. Prerequisites: AMS 101, 102 and 211, or consent of instructor. Credit: 2 semester hours.

AMS 250: Basic Military Science Lag. A hands-on practicum which exposes the student to the military skills required for the basic technical and tactical competence to enter the Advance Course. Laboratory, two hours per week and two weekend exercises. May be repeated to a maximum of four credits. Credit: 1 semester hour.

Advanced Courses

AMS 301: Leadership and Management I. Course of study in development of basic skills required to function as a manager; study of leadership styles, group dynamics, communications, motivation, and military instruction methods; and school of the soldier and exercise of command. Prerequisites: AMS 101, 102, graduate or undergraduate student (male or female), successful completion of basic course or basic camp, physically fit to pursue program; consent of PMS. Credit: 3 semester hours.

AMS 302: Advanced Tactics. Small-unit tactics and communications, organization and mission of combat arms units; leadership and the exercise of command. Prerequisites: AMS 101, 102, graduate or undergraduate student (male or female), successful completion of basic course or basic camp, physically fit to pursue program; consent of PMS. Credit: 3 semester hours.

AMS 320: Advanced Studies in American Military History. 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 and to put together a major research paper.

AMS 340/HIS 320 will emphasize basic research skills; understanding historiographical debates within a military framework; developing effective note taking, outlining techniques, picking a feasible research topic, finding useful primary sources and drawing inferences from them examining American military campaigns and leaders in order to complete a battle analysis and short research assignments. (Same as HIS 320 at UK) Prerequisite: Consent of instructor. Credit: 3 semester hours.

AMS 341: Leadership and Management II. Advanced study of logistics, operations, military administrations, personnel management, military justice, world change and military implications, service orientation and leadership training. Prerequisites: AMS 301 and 302. Credit: 3 semester hours.

AMS 342: Command Management. An advanced study of logistics, operations, military administration, personnel management, military justice, world change and military implications, service orientation and leadership training. Prerequisites: AMS 301 and 302. Credit: 3 semester hours.

AMS 350: Advanced Military Science Laboratory. A hands-on practicum which exposes the student to the military skills required for advanced technical and tactical competence as an Army officer. The course affords junior and senior cadets' opportunities to develop and refine their leadership style and abilities under differing constraints and environments. Laboratory, two hours per week and two weekend exercises. May be repeated to a maximum of four credits. Prerequisites: AMS 101, 202, 202, 250. Co-requisites: AMS 301, 302, 341 or 342. Credit: 1 semester hour.

AMS 395: Independent Study in Leadership. Advanced study in leadership. Students are under guidance and confer individually with faculty on approved tactic(s). A written report or paper is expected and will be filed in the chairperson's office. Prerequisites: Completion of AMS 302 and consent of PMS. Credit: 1 or 2 semester hours.

AQUACULTURE

AQU 201: Fisheries and the Educated Consumer. This course is intended as an elective for undergraduate students who have no training in fisheries but wish to become an educated consumer. It will provide a general understanding of fisheries for students unfamiliar with the discipline. STEM and sustainability concepts will be combined with the multi-disciplinary nature of fisheries as an applied science. The course will integrate current events and scientific principle associated with fisheries and agriculture to enhance enduring life skills.

AQU 407s: Fish Genetics. An overview of fish genetics including basic principles and methods of selective breeding in aquaculture. Prerequisite: Consent of instructor. Credit: 3 semester hours.

AQU 409: Biostatistics. Basic principles of experimental design and data analysis with emphasis on their applications in aquaculture research. Prerequisite: Consent of instructor. Credit: 3 semester hours.

AQU 410: Fish Diseases Laboratory. This course introduces students to proper microscope use and how to identify various fish parasites, bacteria and viruses, and plausible disease treatments. Writing will be emphasized through lab reports. Credit: 1 semester hour.

AQU 411: Fish Diseases. An overview of fish diseases including the pathogens and conditions that result in disease. Preventive and corrective measures are also examined. (Three hours of lecture per week) Prerequisite: Consent of instructor. Credit: 3 semester hours.

AQU 412: Fish Morphology & Physiology. 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). Prerequisite: Consent of instructor. Credit: 4 semester hours.

AQU 413: Aquatic Ecology. This course investigates the interaction of aquatic organisms with their biotic and abiotic environment. Sampling and laboratory methods of limnological analysis will be covered. (Three hours of lecture, three hours of laboratory per week). Credit: 4 semester hours.

AQU 414: Basics of Fish Diseases. An online course with no lab. Students are introduced to bacteria, parasites, viruses and environmental factors that cause disease in aquatic animals. Prevention, identification and treatment of these diseases are included. Prerequisite: Consent of Instructor. Credit: 3 semester hours.

AQU 416: Computer Applications in Statistics. This course will teach students how to use Microsoft Excel and SAS to solve statistical problems in biology, environmental sciences, economics, and business/MBA. Students will learn how to develop
statistical models and implement them using software and interpret the corresponding results. Prerequisite: Successful completion of an upper division statistics course is recommended. Credit: 1 semester hour.

AQU 421: Fish Nutrition. 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). Prerequisite: Consent of instructor. Credit: 3 semester hours.

AQU 422: Principles of Aquaculture. Introduction to principles underlying aquatic productivity and management with a survey of domestic and foreign cultures of fish and aquatic invertebrates. Credit: 3 semester hours.

AQU 427: Fish Reproduction & Spawning Techniques. An overview of basic biology of fish reproduction and techniques of artificial spawning for common aquaculture species. Credit: 3 semester hours.

AQU 428: Fish Reproduction Labs. AQU/BIO 427 may be taken concurrently. This course will provide practical training and skills on investigation of reproductive system in fish and spawning techniques for several aquaculture species. Credit: 1 semester hour.

AQU 451: Survey of Production Methods. 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) Prerequisite: AQU 422 or consent of instructor. Credit: 3 semester hours.

AQU 452: Aquaponics. An overview of the aquaponic production systems including the aquaculture and hydroponic components, as well as their interactions and management. Credit: 3 semester hours.

AQU 460: Water Quality Management. An introductory survey of theory and practice into the understanding and manipulation of the biological, chemical and physical aspects of water quality in aquaculture production. Prerequisite: Consent of instructor. Credit: 3 semester hours.

AQU 461: Water Quality Management Lab. AQU 461 teaches students basic water quality principles related to pond management. Laboratories include use of equipment and analytically solving water quality problems. Credit: 1 semester hour.

AQU 491: Internship: Aquaculture. Intensive experience involving practical on-site participation working at an aquaculture facility (University, state, or private). Prerequisite: Consent of advisor. Credit: 1-4 semester hours.

ARABIC

ARB 101: Elementary Arabic I. This course provided an introduction to the basics of the Arabic language. Course content will focus on building proficiency in speaking, listening, reading, and writing Arabic. Prerequisite: ENG 101. Credit: 3 semester hours.

ARB 102: Elementary Arabic II. This course is a continuation of ARB 101. The course will further develop proficiency in speaking, listening, reading, and writing Arabic. Prerequisite: ENG 101; ARB 101. Credit: 3 semester hours.

ART

ART 101: Early Elementary Art. 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. Credit: 3 semester hours.

ART 130: Introduction to Art. 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. Credit: 3 semester hours.

AMERICAN SIGN LANGUAGE

ASL 171: American Sign Language. An introduction to the basic elements of the American Sign Language System. Credit: 3 semester hours.

ASL 172: American Sign Language II. A continuation of ASL 171 to enhance students' skills in using the ASL alphabet and numerals. Prerequisite: ASL 171 or instructor's permission. Credit: 3 semester hours.

AFRICANA STUDIES

ASP 101: The Black Experience in America. A survey of black people from freedom in Africa to enslavement in the United States, specifically examining enslaved and free black communities in the colonial and antebellum eras. Credit: 3 semester hours.

ASP 102: Introduction to Africana Studies. This is an introductory survey course that examines the basic theoretical concepts used to analyze the global Black experience. Prerequisite: ENG 102. Credit: 3 semester hours.

ASP 201: Seminar in the American Black Experience. Seminar course that focuses on the transition of African Americans from enslavement to emancipation to citizenship in the modern and postmodern eras. Prerequisite: ASP 101. Credit: 3 semester hours.

ASP 202: Seminar in Africana Studies. This survey course analyzes the current and historical experience of people descended from Africa during the modern era. The course examines the methodological challenges of African and African American Studies and explores central questions that formulate a "black" identity. Students engage in contextual and theoretical frameworks of agency, power, community, and racial construction and transformation in response to histories of enslavement, colonialism, apartheid, racism, and globalization. Particular focus on the US, Caribbean, and Latin America, although diasporic regions may differ. Prerequisite: ENG 102. Credit: 3 semester hours.

ASP 300: Special Topics. Survey course thatanalyzes the current and historical experience of people descended from Africa during the modern era (1400- 1945 AD) but not living on the continent. Particular focus on the US, Caribbean, and Latin America, although diasporic regions may differ. Prerequisite: ENG 102. Credit: 3 semester hours.

ASP 301: Research Methods in Africana Studies. This course will provide students with conventional quantitative and qualitative research methods. Credit: 3 semester hours.

ASP 302: Readings in Black Women's History. This course uses various primary sources to examine the contribution of black women to the literary canon and historiography of Western and non-Western societies. Credit: 3 semester hours.

ASP 303: The American Civil Rights Movement. An investigation of the Civil Rights Movement in the 20th century. Focus on the strategic and philosophical debates among the leadership, organizations, the role of government and citizens in shaping reform. Credit: 3 semester hours.

ASP 305: Africana Intellectual Thought. A seminar course which examines the political movements of African descendent people, inclusive of the societal dynamics that provided the impetus and context for political struggle and cultural production. Credit: 3 semester hours.

ASP 306: Economic Development in the Diaspora. This course examines the global political economic system and its impact on people of the African Diaspora. Credit: 3 semester hours.

ASP 466: Special Topics in Africana Studies. A seminar for the analysis and discussion of special topics within the discipline of Africana studies. May be repeated twice for credit. Prerequisite: Junior standing or consent of instructor. Credit: 3 semester hours.

ASP 489: Field Work in the Black Community. Placement in a community based, international or local human service, non-governmental organization, or governmental agency or corporate organization. Prerequisites: ASP 202 and ASP 303 or consent of instructor. Credit: 3 semester hours.

ASP 499: Senior Seminar in Africana Studies. This course is a capstone experience for graduating seniors. This seminar will integrate theory and research with practice. Prerequisite: Senior status or consent of instructor. Credit: 3 semester hours.

BIOLOGY

BIO 101: Life Science. 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). Credit: 3 semester hours.

BIO 103: Environmental Biology. This course investigates the impact of humans on our environment and the impacts on resource sustainability, biodiversity, and human health. Credit: 3 semester hours.

BIO 107: Anatomy and Physiology I. 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). Credit: 4 semester hours.

BIO 108: Anatomy and Physiology II. 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). Prerequisite: C or better in BIO 107 or consent of instructor. Credit: 4 semester hours.

BIO 111: Principles of Biology. 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, two hours of laboratory per week). Prerequisite: Either completion of or testing out of remedial courses. Credit: 4 semester hours.

BIO 112: Exploration of Modern Topics in Biology. 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). Prerequisite: BIO 101 or BIO 111. Credit: 3 semester hours.

BIO 115: Freshman Biology Seminar. A seminar exploring the variety of careers in the biological sciences and closely related disciplines; led by faculty, visiting scientists and practitioners. Prerequisites/Co- requisites: BIO 111, BIO 101, or consent of instructor. Credit: 1 semester hour.

BIO 116: Introduction to Biotechnology. This course familiarizes students with career options, necessary academic preparation, and how to search for jobs in biotechnology (One hour of lecture per week plus field trips). Credit: 1 semester hour.

BIO 204: Fundamentals of Microbiology. 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). Prerequisite: C or better in BIO 107 or recommendation of the Nursing Department. Credit: 3 semester hours.

BIO 210: General Zoology. 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). Prerequisite: BIO 111. Credit: 3 semester hours.

BIO 212: General Botany. 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). Prerequisite: BIO 111. Credit: 3 semester hours.

BIO 220: Medical Terminology. Designed to review common terms used in the medical professions. Prerequisite: C or better in BIO 101, BIO 107, or BIO 111; or consent of instructor. Credit: 2 semester hours.

BIO 301: Human Anatomy. A study of the anatomical configuration of cells and tissues forming neural, muscular, renal, circulatory, respiratory, digestive, skeletal, and reproductive systems. (Three hours of lecture, two hours of laboratory per week). Prerequisite: BIO 101 or BIO 111. Credit: 4 semester hours.

BIO 302: General Microbiology. 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). Prerequisite(s): BIO 111 and CHE 102 (concurrent), or consent of instructor. Credit: 4 semester hours.

BIO 303: Human Physiology. 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). Prerequisites: BIO 210 and CHE 102; PHY 207 and PHY 208 are recommended. Credit: 4 semester hours.

BIO 304: Vertebrate Embryology. 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). Prerequisite: BIO 111 or consent of instructor. Credit: 4 semester hours.

BIO 305: Comparative Vertebrate Anatomy. 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). Prerequisite: BIO 210. Credit: 4 semester hours.

BIO 307: Genetics. Explores the laws and principles of heredity and genetic variation in organisms. Topics include aspects of Mendelian genetics, quantitative genetics, and molecular genetics, as well as principles of developmental, behavioral, population, and evolutionary genetics. (Three hours of lecture, three hours of laboratory per week). Prerequisites: BIO 111 with C or better and CHE 102 with C or better. Credit: 4 semester hours.

BIO 308: Micro techniques and Histology. 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). Prerequisite: BIO 111. Credit: 4 semester hours.

BIO 309: Parasitology. 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). Prerequisite: BIO 210 or consent of instructor. Credit: 4 semester hours.

BIO 315: Immunology. 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). Prerequisite: Consent of instructor. Credit: 3 semester hours.

BIO 316: Ecology. 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 and three hours of lab per week). Prerequisites: BIO 111 or BIO 101, BIO 210, BIO 212, CHE 101, CHE 102. Credit: 4 semester hours.

BIO 317: Medical Microbiology. 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). Prerequisite: BIO 302. Credit: 4 semester hours.

BIO 318: Hematology. 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). Prerequisite: Consent of instructor. Credit: 4 semester hours.

BIO 319: Study Abroad Topics. This course is designed for biology major students to receive credit for an upper level biology course taught abroad through an accredited study abroad program (e.g., CCSA, KIIS). Prerequisites: Consent of instructor and one semester of introductory biology. Credit: 3 to 4 semester hours.

BIO 321: Virology. An upper level elective for biology major and health-related disciplines. Emphasis on animal viruses. Prerequisites: BIO 111 or BIO 101. Credits: 3 semester hours.
BIO 399/CHE 399/COS 399/MAT 399/PHY 399: Undergraduate Teaching Experience. Students earn course credit for undergraduate teaching experience including but not limited to (1) assisting students during laboratory sessions, (2) helping to set up laboratories or lecture/lab quizzes, or (3) conducting PLTL-Excel type workshops for students. Course may be repeated for credit. Prerequisite: Consent of instructor. Credit: 1 semester hour.

BIO 401: Biology Seminar. * Exposes 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. Prerequisite: Upper division standing; senior classification recommended. Credit: 2 semester hours.

BIO 407/AQU 407: Fish Genetics. An overview of fish genetics including basic principles and methods of selective breeding in aquaculture. Prerequisite: Consent of instructor. Credit: 3 semester hours.

BIO 408: Cell Biology. 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). Prerequisites: BIO 111 and either CHE 200 or CHE 302 with a grade of C or better. Credit: 4 semester hours.

BIO 409/AQU 409: Biostatistics. Basic principles of experimental design and data analysis with emphasis on their applications in aquaculture research. Prerequisite: Consent of instructor. Credit: 3 semester hours.

BIO 410: Special Problems in Biology. A course in which advanced Biology students pursue an independent experimental or library research project. May be repeated once for credit. Prerequisite: Consent of instructor. Credit: 2 semester hours.

BIO 411/AQU 411: Fish Diseases. An overview of fish diseases including the pathogens and conditions that result in disease. Preventive and corrective measures are also examined. (Three hours of lecture per week). Prerequisite: Consent of instructor. Credit: 3 semester hours.

BIO 412/AQU 412: Fish Morphology & Physiology. 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). Prerequisite: Consent of instructor. Credit: 4 semester hours.

BIO 413/AQU 413: Aquatic Ecology. This course investigates the interaction of aquatic organisms with their biotic and abiotic environment. Sampling and laboratory methods of limnological analysis will be covered. (Three hours of lecture, three hours of laboratory per week). Credit: 4 semester hours.

BIO 414/AQU 414: Basics of Fish Diseases. An online course with no lab. Students are introduced to bacteria, parasites, viruses and environmental factors that cause disease in aquatic animals. Prevention, identification and treatment of these diseases are included (course intended for non-aquaculture majors). Prerequisite: Consent of Instructor. Credit: 3 semester hours.

BIO 415: Animal Behavior. This course examines the behavior of non-human animals from a physiological, ecological and evolutionary perspective. (Three hours of lecture per week). Prerequisites: BIO 111 and BIO 210; BIO 316 recommended. Credit: 3 semester hours.

BIO 417: Ecological Field Methods. 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). Prerequisites: BIO 111, BIO 210, BIO 212, CHE 101, CHE 102; BIO 316 recommended. Credit: 4 semester hours.

BIO 421/AQU 421: Fish Nutrition. 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). Prerequisite: Consent of instructor. Credit: 3 semester hours.

BIO 422/AQU 422: Principles of Aquaculture. Introduction to principles underlying aquatic productivity and management with a survey of domestic and foreign cultures of fish and aquatic invertebrates. Credit: 3 semester hours.

BIO 423/AQU 425: Aquaculture Economics and Marketing. Aquaculture economics, marketing channels and consumer preferences for fish products will be presented. (Three hours of lecture, two hours of laboratory per week). Prerequisites: MAT 120 or MAT 125 or consent of instructor. Credit: 4 semester hours.

BIO 427/AQU 427: Fish Reproduction & Spawning Techniques. An overview of basic biology of fish reproduction and techniques of artificial spawning for common aquaculture species. Credit: 3 semester hours.

BIO 431: Biotechnology I. This course will familiarize students with aspects of plant and animal tissue culture including historical development, basic techniques, safety issues, media formulation and preparation, and culturing tissues. Prerequisite: BIO 111, CHE 301,and CHE 310 (two hours of lecture, four hours laboratory per week). Credit: 4 semester hours.

BIO 432: Biotechnology II. This course offers an introduction to the molecular tools used in DNA biotechnology including purification of nucleic acids, cutting and joining DNA, vectors, sequencing DNA, genomic and cDNA libraries, RFLPs, Southern Blots, and PCR. (two hours of lecture, four hours laboratory per week). Prerequisite: BIO 431. Credit: 4 semester hours.

BIO 433: Biotech III: Proteins. This course covers aspects of protein chemistry and immunology pertinent to biotechnology including amino acid structure and analysis, polypeptide structure; protein sequencing, immunoglobulins, diagnostic application ofmonoclonal antibodies, SDS-PAGE, spectrophotometric analysis of proteins, and immuno-chemical methods of diagnostics. (Four hours of lecture/laboratory per week). Credit: 3 semester hours.

BIO 434: Biotech IV: Advanced Biotechnology. This course allows students to utilize and extend previously learned biotechnological principles and techniques used in industrial research and development, with special emphasis on pharmaceutical and value-added products. (Three hours of lecture and three hours of laboratory per week). Credit: 3 semester hours.

BIO 435: Global Perspective in Biotechnology. This course critically surveys potential impacts of biotechnology from a global perspective, providing an understanding of issues and values information from different viewpoints on biotechnology. (Three hours of lecture per week). Credit: 3 semester hours.

BIO 436: Biotech Writing/Presentations. This course will focus on effective communication of ideas and research results in biotechnology, specifically publishing a scientific paper and making presentations at scientific meetings. Students will write a paper and present a talk on data they have been assigned at the beginning of the semester. (Three hours of lecture per week). Credit: 3 semester hours.

BIO 437: Environmental Science and Bioremediation. The fate and transport of pollutants in the environment and their final destination, dilution, dispersion, adsorption, persistence, degradation, their adverse effects, and the route these pollutants take in the environment will be discussed and possible solutions and remediation techniques will be presented. (Four hours of lecture/laboratory per week). Credit: 3 semester hours.

BIO 438: Forensics. Lectures focus on the fundamental principles and concepts in disciplines of biology such as serology, entomology, and molecular biology relevant in forensic investigations. Students learn serological, microscopic, and DNA related techniques used in forensic sciences in laboratory. (Four hours lecture/laboratory per week). Credit: 3 semester hours.

BIO 451/AQU 451: Survey of Production Methods. 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). Prerequisite: AQU 422 or consent of instructor. Credit: 3 semester hours.

BIO 460/AQU 460: Water Quality Management. An introductory survey of theory and practice into the understanding and manipulation of the biological, chemical, and physical aspects of water quality in aquaculture production. Prerequisite: Consent of instructor. Credit: 3 semester hours.

BIO 493: Internship. An intensive experience in a biological/medical field involving practical on-site participation. Prerequisite: Consent of advisor. Credit: 1-4 semester hours.

BIO 495: Topics in Biology. 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. Prerequisite: Senior status. Credit: 3 semester hours.

BEHAVIORAL AND SOCIAL SCIENCES

BSS 300: Statistics for the Behavioral and Social Sciences. 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. Prerequisite: MAT 115/MAT 115A or MAT 200 with a grade of C or better. Credit: 3 semester hours.

BSS 301: Research Methods for the BSS. This course introduces the basic logic, knowledge, and skills of research design and methodology in the behavioral and social sciences. Prerequisite: BSS/POS/PSY/SOC 300 or consent of instructor. Credit: 3 semester hours.

BSS 465: Counterintelligence and Counterterrorism. Situationally contextualized information related to issues of counterintelligence and counterterrorism, with a focus on analyzing, preparing, and disseminating intelligence in an operational setting. Credit: 3 semester hours.

BSS 466: Cyber-Security and Cyber-Politics. Contemporary issues in cyber security addressed in terms of the political, ethical, and legal standards in the virtual community of cyberspace. Credit: 3 semester hours.

BSS 467: Intelligence and National Security. US security agencies and intelligence agencies shape national security policy. Topics include current major security threats to the US, sources of security information, and analysis of US intelligence and national security problems. Credit 3 semester hours.

BSS 468: Terrorism and Insurgency. This course examines the concepts of "terrorists" and "terrorism" in the context of contemporary events, and techniques of counterterrorism which can be used by national and global governments to combat non-state actors. Credit: 3 semester hours.

BSS 469: Radicalization. This course examines the concepts of "terrorists" and "terrorism" in the context of contemporary events, and techniques of counter- terrorism which can be used by national and global governments to combat non-state actors. Credit: 3 semester hours.

BSS 470: Behavioral Profiling. This course will examine the methods and ethics of behavioral profiling. Review of historical and contemporary issues such as the interface of the mental health system and the criminal system, civil commitment, diminished capacity, insanity, competency to stand trial, and the issues of stereotyping, prejudice, will be investigated, with reference to the influence of social context and social cognition. Credit: 3 semester hours.

BSS 499: Senior Colloquium. * This course is designed to develop analytical skills, interpretation and research; and to nurture intellectual self-reliance and critical thinking. Prerequisite: Senior Classification. Credit: 3 semester hours.

BUSINESS ADMINISTRATION

BUA 101: Computer Applications in Business. A survey of business-application software with emphasis on the personal computer. The student learns word processing, electronic spreadsheets, data management, business graphics, and Internet concepts. Credit: 3 semester hours.

BUA 102: Leadership and Development I. This course provides an in-depth overview of the field of business administration and an orientation to the School of Business and the University. Students learn essential skills for success in their career of choice within the profession of business. Department majors should complete this course in their freshman year. Course taken in lieu of UNV 101/102. Co-requisite: should be taken concurrently with BUA 101. Credit: 1 semester hour.

BUA 120: Business and Society. This course explores the roles of business in historical and contemporary societies, the relationship between businesses and governmental and not-for-profit institutions, and ways in which businesses interact with professions, occupations, and careers. Credit: 3 semester hours.

BUA 202: Leadership and Development II. This course provides an in-depth overview of the field of business administration and an orientation to the School of Business. Students learn essential skills for success in their career of choice within the profession of business. Department majors should complete this course in their sophomore year. Prerequisites: BUA 102 or consent of instructor. Credit: 1 semester hour.

BUA 204: Business Communication. * Application of communication theory to business writings and oral presentations. Prerequisites: BUA 101, BUA 102 and ENG 102, all with grades of C or better. Credit: 3 semester hours.

BUA 320: Business Statistics. This course focuses on numerical data analysis and interpretation. Topics include measures of central tendency, probability, Test of Hypothesis, Regression, Correlation, ANOVA, Sample Survey and how these concepts are applied in business and related areas. Prerequisites: MAT 115, ACC 201, BUA 204 and ECO 201, all with grades of C or better, or approval of the instructor. Credit: 3 semester hours.

BUA 321: Legal Environment. 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. Prerequisites: ACC 201, BUA 204 and ECO 201 all with grades of C or better. Credit: 3 semester hours.

BUA 322: Business Law. 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. Prerequisite: BUA 320. Credit: 3 semester hours.

BUA 350: Lean. Discussions of philosophies, recent research, concepts, and tools of Lean. Prerequisites: ACC 201, ECO 201, BUA 204. Credit: 3 semester hours.

BUA 355: Performance Metrics. Open source; group based; conceptual-tool development focused. Covers performance metrics students may utilize in all areas of business. Prerequisites: ACC 201, ECO 201, BUA 204. Credit: 3 semester hours.

BUA 360: Quality Management. Discussions of philosophies, recent research, concepts, and tools of Quality Management. Prerequisites: ACC 201, ECO 201, BUA 204. Credit: 3 semester hours.

BUA 370: Global Business Issues. A study of the international business arena, including environmental forces (economic, cultural, technological, political, legal, physical) and their implications for developing effective business strategies. Prerequisites: MGT 301, MKT 301. Credit: 3 semester hours.

BUA 380: Leadership and Business Ethics. This course explores ethical issues that arise in the context of doing business and leading organizations. Specifically, this course helps students explore how leaders deal with the many dilemmas they face when making business and organizational decisions and apply moral reasoning to specific situations. Prerequisites: MGT 301, MKT 301, ACC 202. Credit: 3 semester hours.

BUA 402: Senior Seminar. This is the final course in the 3part seminar series required for all undergraduate business students. In this course students will finalize their electronic professional portfolio and review business topics and principles on a comprehensive and integrative basis to prepare graduating seniors for a capstone assessment. The course also administers a standardized assessment. Prerequisites: Senior standing, Corequisite MGT 490. Credit: 1 semester hour.

BUA 480: Business Internship. Off-campus on-the-job employment related to the discipline of business management. Prerequisite: junior or senior classification and consent of chairperson. Credit: 3 semester hours.

BUA 499: Independent Study in Business Administration. Research and in-depth study of a particular business administration concept or problem under the guidance of a faculty member. Prerequisite: Senior classification and consent of chairperson. Credit: 3 semester hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS

CDF 101: Introduction to Early Childhood Education. 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). Credit: 3 semester hours.

CDF 102: Family Development. Examines the stages of the family life cycle and interpersonal relationships among family members. (Lecture and discussion). Credit: 3 semester hours.

CDF 203: Child Development I. 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). Credit: 3 semester hours.

CDF 204: Child Development II. 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). Prerequisite: CDF 203. Credit: 3 semester hours.

CDF 206: Music, Games and Creative Experiences for Young Children. 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. Prerequisite: CDF 204. Credit: 3 semester hours.

CDF 305: Materials and Methods in Early Childhood Education. A study of content, methods, and materials for teaching young children in a group setting. Prerequisites: CDF 203 and CDF 204. Credit: 3 semester hours.

CDF 315: Child Guidance. Intense study of child development theories and guidance techniques. (Two hours lecture and two hours laboratory). Prerequisites: CDF 203 and CDF 204. Credit: 3 semester hours.

CDF 316: Teacher's Role in Family/School Relations. 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). Credit: 3 semester hours.

CDF 318: Assessment of Young Children. A study and application of various assessment instruments and evaluative techniques utilized in determining the needs of children birth through five years. Prerequisites: CDF 203, 204, and 315. Credit: 3 semester hours.

CDF 407: Advanced Practicum in Early Childhood Programs I. Supervised practicum in the Early Childhood Learning Center. (Eight hours laboratory, one hour lecture). Prerequisite: Consent of instructor. Credit: 3 semester hours.

CDF 408: Advanced Practicum in Early Childhood Programs II. Supervised practicum in the Early Childhood Learning Center. (Eight hours laboratory, one hour lecture). Prerequisite: Consent of instructor. Credit: 3 semester hours.

CDF 409: Organization and Administration of Early Childhood Education Programs. Organization and administration of early childhood education programs including housing, equipment, programs, records, and parent involvement. Prerequisite: CDF 204 and 315. Credit: 3 semester hours.

CDF 420: Parent Education*. Study and application of various principles and techniques useful in working with parents of preschool through adolescent children. Credit: 3 semester hours.

CDF 421: Cultural Diversity in American Child/ Family. Exploratory study of cultural aspects, value system, family, social and economic roles of various races and ethnic groups in the American Society. Credit: 3 semester hours.

CHEMISTRY

CHE 101: General Chemistry I. 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). Prerequisite/Corequisite: MAT 115 or consent of instructor. Credit: 3 semester hours.

CHE 102: General Chemistry II. 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). Prerequisite: CHE 101 or equivalent. Credit: 3 semester hours.

CHE 109: Chemistry in Context. An overview of some of the basic concepts and principles of chemistry using a guided inquiry approach incorporating hands-on chemistry activities related to real life applications, environmental, health, and social issues. (Two hours of lecture and two hours of laboratory per week.). Credit: 3 semester hours.

CHE 110: General Chemistry I Lab. 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). Prerequisite/Co-requisite: CHE 101. Credit: 1 semester hour.

CHE 120: General Chemistry II Lab. 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). Prerequisites/Co-requisite: CHE 102. Credit: 1 semester hour.

CHE 200: Introduction to Organic and Biochemistry. Functional groups commonly found in biologically active compounds. Introduction to common biochemical: carbohydrates, proteins, lipids, and genetic material. Four hours of lecture per week. Prerequisite: CHE 102 Nomenclature, structure, stereochemistry, and reactivity of basic organic compounds. Credit: 4 semester hours.

CHE 209: Survey of General, Organic and Biochemistry. Topics include: properties of matter, atomic structure and the periodic table, chemical bonding, general reactions such as acid-base chemistry, organic functional groups, carbohydrates, proteins, nucleic acids and lipids. This course is required for students in Nursing. Three hours of lecture and three hours of lab per week. Prerequisite: MAT 115 with a grade C or better. Credit: 4 semester hours.

CHE 301: Organic Chemistry I. 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). Prerequisite: CHE 102. Credit: 3 semester hours.

CHE 302: Organic Chemistry II. 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). Prerequisite: CHE 301. Credit: 3 semester hours.

CHE 303: Quantitative Analysis. 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). Prerequisite: CHE 102. Credit: 4 semester hours.

CHE 310: Organic Chemistry I Lab. Purification, separation (including TLC, GC), and characterization of organic compounds. (Three hours of laboratory per week). Prerequisite/Co-requisite: CHE 301. Credit: 1 semester hour.

CHE 315: Biochemistry. 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). Prerequisite: CHE 200 or CHE 302. Credit: 3 semester hours.

CHE 320: Organic Chemistry II Lab. 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). Prerequisite/Co-requisite: CHE 302. Credit: 1 semester hour.

CHE 350: Biochemistry Lab. 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). Prerequisite/Corequisite: CHE 315. Credit: 1 semester hour.

CHE 399/COS 399/MAT 399/PHY 399/BIO 399: Undergraduate Teaching Experience. Students earn course credit for undergraduate teaching experience including but not limited to (1) assisting students during laboratory sessions, (2) helping to set up laboratories or lecture/lab quizzes, or (3) conducting PLTL-Excel type workshops for students. Course may be repeated for credit. Prerequisite: Consent of instructor. Credit: 1 semester hour.

CHE 401: Undergraduate Research. * 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. Prerequisite: Consent of instructor. Credit: 1-4 semester hours.

CHE 402: Chemistry Seminar. * Students will undertake a review of the chemical literature and give an oral presentation on a specific topic at the end of their course. Prerequisite: Consent of instructor. Credit: 1 semester hour.

CHE 412: Inorganic Chemistry. Quantum theory of atomic structure, molecular structure including introduction to group theory and bonding theories, solid state structure, acid-base theories, transition elements and coordination chemistry (structure, bonding, and basic mechanisms). (Three hours of lecture per week). Prerequisites: CHE 102. Credit: 3 semester hours.

CHE 414: Instrumental Analysis. Theory and modern methods of instrumental analysis, with emphasis on spectrophotometric, chromatographic, and electro analytical techniques. (Two hours of lecture, four hours of laboratory per week). Prerequisite: CHE 102. Credit: 4 semester hours.

CHE 425: Introductory Physical Chemistry. An introductory one-semester course in physical chemistry. The properties of gases, theory and application of thermodynamics, phase and chemical equilibria, electrochemistry, kinetics, introduction to quantum theory and spectroscopy. Prerequisite: CHE 102. Co-requisite: MAT 131. Credits: 4 semester hours.

CHINESE

CHI 101: Elementary Chinese I. This course provides an introduction to the basics of the Chinese (Mandarin) language. Course content will focus on grammar, pronunciation, vocabulary, and some writing. Prerequisite: ENG 101. Credit: 3 semester hours.

CHI 102: Elementary Chinese II. This course provides an introduction to the basics of the Chinese (Mandarin) language. Course content will focus on grammar, pronunciation, vocabulary, and some writing. Prerequisite: ENG 101; CHI 101. Credit: 3 semester hours.

APPLIED INFORMATION TECHNOLOGY

CIT 100: Introduction to Information Technology. This course introduces concepts, issues, techniques and processes needed for completing and managing information technology projects. Topics include history, trends and the human impact of information technology. Project management tools, techniques and concepts are also introduced. Teamwork, team building methods, and oral and written communication are emphasized. Credit: 3 semester hours.

CIT 110: Web Development and Design. This course is an introduction to XHTML and JavaScript. The course assumes no previous programming experience but does assume knowledge of the Internet. Topics will include: Using XHTML and JavaScript. Data Types: Integer, Float, and Strings Using Hyperlinks, Images, Lists, Tables, Frames, Forms, Cascading Style Sheets, Similarities and differences between XHTML and JavaScript Debugging Techniques Using Lists Object- Oriented Programming Control Structures: Selection and Repetition (Looping) DHTML, CSS, & Animation Arrays. Credit: 3 semester hours.

CIT 111: Network Fundamentals. An introductory study of networking, covering the basics of networking media, devices, protocols, layered communications models and network addressing. Credit: 3 semester hours.

CIT 112: Router Theory and Configuration. Course content includes safety, networking, networking terminology and protocols, network standards, LANS, WANS, OSI model, cabling, routers, router programming, Ethernet, and IP addressing. Emphasis is given to the use of decision making and problem- solving techniques. Prerequisite: CIT 230 or Consent of Instructor. Credit: 3 semester hours.

CIT 120: Web Programming Concepts. This course introduces students to basic programming concepts using a business-oriented language such as Visual Basic.NET. Topics include basic file processing, control mechanisms and

constructs, functions and data types. Using design tools such as pseudo code and structured flowcharts, students focus on developing programming logic in a top down modular fashion. Credit: 3 semester hours.

CIT 121: Programming Concepts. This course introduces students to basic programming concepts using a business oriented language such as Visual Basic.Net. Topics include basic file processing, control mechanisms and constructs, functions and data types. Prerequisite: COS 107. Credit: 3 semester hours.

CIT 136: Computer Hardware: Management and Maintenance. The focus of this course involves emphasis on computer hardware that consumers of microcomputer systems might encounter. This course will guide students through the actual construction ofa microcomputer system with in-depth discussions of each component and the various upgrade options. The use of peripheral devices such as fax, modem, printers, and scanners is also covered. The instructional methods employed in this class include lecture, class discussion, demonstration, and hands-on laboratory experience. Credit: 3 semester hours.

CIT 137: Computer Operating Systems: Management & Maintenance. This course is designed as a survey of operating system software. Students will study the basic concepts and procedures for installing and troubleshooting operating system software. An emphasis on extensive laboratory experience will ensure students practical expertise in addition to operating systems theory with DOS, Windows 9x; Windows NT, 2000, and XP; UNIX; Linux; OS/2; and Mac OS. The objectives of this course coincide with those needed in preparation for A+ software certification. Credit: 3 semester hours.

CIT 200: Network Operating Systems. An introduction to installing Windows Server 2003, Standard Edition, Configuring the Windows Server 2003 Environment, Introduction to Active Directory and Account Management, Configuring, Managing, and Troubleshooting Resource Access, Configuring Windows Server Printing, Configuring and Managing Data Storage, Managing Windows Server 2003 Network Services, Configuring Remote Access Services, Securing Windows Server 2003, Server and Network Monitoring, Managing System Reliability and Availability. Credit: 3 semester hours.

CIT 208: Computer Aided Drafting I. Familiarization with contemporary CAD systems, covering basic theory and applications, including industry's conversion to CAD. Prior computer experience is beneficial but not required. Prerequisite: CIT 101 or consent of instructor. Credit: 3 semester hours.

CIT 210: Computer Aided Drafting II. Advanced training in CAD systems, covering the use of attributes, databases, Data Exchange Files, and the customizing of menus for increased efficiency of application. Prerequisite: CIT 208 or consent of instructor. Credit: 3 semester hours.

CIT 211: LAN Switching and Wireless. This course introduces LAN switching and wireless networking. Material covered includes LAN and VLAN design and configuration, trunking, VTP, STP, inter-VLAN routing and WLAN configuration and security. Prerequisite: CIT 112. Credit: 3 semester hours.

CIT 212: Introduction to WAN Technology. An intermediate course encompassing the design and configuration of secure, scalable WANS for the enterprise. Topics include WAN architecture, PPP, Frame Relay, ACLs, NAT, and WAN Security. Prerequisite: CIT 211. Credit: 3 semester hours.

CIT 220: Intermediate Web Programming. This course builds on the foundation provided by CIT 120. Students are introduced to advanced programming concepts such as file handling, report generation, screen processing and interface design as implemented in a business-oriented language such as Visual Basic. NET or C #. Prerequisite: CIT 120 with a C or better.Credit: 3 semester hours.

CIT 222: Advanced Programming. File handling, report generation, screen processing and interface design as implemented in a business-oriented language such as Visual Basic or C#. The advanced programming languages, XML and ASP.net, will be introduced. The course will cover the way applications are developed. Prerequisite: CIT 121. Credit: 3 semester hours.

CIT 226/INT 226: Microprocessor Architecture. 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). Prerequisite: CIT 129. Credit: 3 semester hours.

CIT 230: Data Communications Technology. A study of data communications hardware including synchronous and asynchronous communications. Prerequisite: CIT 226. Credit: 3 semester hours.

CIT 231/INT 231: Peripheral Control Structures. 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. Prerequisite: CIT226. Credit: 3 semester hours.

CIT 232: Introduction to Network Operating Systems. This course involves the installation, configuration, management, and troubleshooting of network operating systems, accounts, data storage, remote access, and security. Prerequisite: CIT 230. Credit: 3 semester hours.

CIT 251: UNIX Network Programming. To introduce the first step in UNIX networking programming, the course will cover practical experience, historical perspective, and a depth of understanding. The course will qualify the students to build today's highly distributed, networked applications and services. Prerequisite: CIT 222. Credit: 3 semester hours.

CIT 255: Multimedia Production. 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. Credit: 3 semester hours.

CIT 265: Introduction to Digital Video. Students will capture and edit digital video using industry-standard desktop video software and export to DVD, VHS, and the Internet for use in entertainment, documentary films, commercials, and newscasts. Students will learn to storyboard, plan, and produce a digital video project from conception to final packaging and explore topics such as compositing, alpha channels, and special effects. Credit: 3 semester hours.

CIT 310: Web Server Administration. To introduce Internet client application, development, Web page with Microsoft, CGI, ISAPI and Developing ODBC Database Frontends. The use of VBScript and data structure are major subject to communicate with data base. Prerequisite: CIT 200. Credit: 3 semester hours.

CIT 311: Advanced Routing. An advanced routing course encompassing the design and configuration of secure, scalable internetworks for the enterprise. Topics covered include load balancing and route summarization with EIGRP, multi-area OSPF, multi- area integrated IS-IS, BGP, and multi-protocol routing. Prerequisite: CIT 212. Credit: 3 semester hours.

CIT 312: Advanced LAN Switching. An advanced course encompassing the design and configuration of secure multilayer switching for the enterprise. Topics covered include advanced VLAN design and configuration, VTP, STP,

Ether channel, advanced inter-VLAN routing, HSRP, and VOIP and WLAN switching. Prerequisite: CIT 212. Credit: 3 semester hours.

CIT 331/COS 331/PHY 331: Introduction to Robotics. Introduction to robotics including the design, building, and programming simple robots. Included will be the basic science, engineering, and mathematics needed to design and build a simple robot. Students will also be introduced to the topic of project management. The course is a combination lecture/laboratory course that will meet five hours per week for three credit hours. Credit: 3 semester hours.

CIT 345: Network Analysis & Troubleshooting. Introduces the latest protocol information and troubleshooting, features for network analysis techniques and experience-based strategies for isolating and solving network problems, and "bottom- up" troubleshooting methodology that examines each network layer in detail. Prerequisite: CIT 353. Credit: 3 semester hours.
CIT 350: Advanced Server Programming. To introduce the advanced techniques of PHP Script programming, extract all URLs from a string, shorten string to desired length and add e-mail address verification, how to sort multidimensional array, and convert URL strings into valid HTML links. Prerequisite: CIT 221. Credit: 3 semester hours.

CIT 351: Advanced UNIX Network Programming. Introduces the students to the internal structures of Posix interprocess communication (IPC) and System V (SysV) IPC; pipes and first in/first outs (FIFOs); message queues; how to lock/unlock files and records; semaphores; shared memory; and remote procedure calls (RPCs). Prerequisite: CIT 251. Credit: 3 semester hours.

CIT 352: Network Communications Technology. Explains the fundamentals of data communications, including basic LAN and WAN engineering, modems and other forms of data communications equipment; broadband infrastructure and network services, and the protocols and equipment that make the global Internet a reality. Prerequisites: CIT 230 or Consent of Instructor. Credit: 3 semester hours.

CIT 355: Interactive Multimedia Research & Design. CIT 256 is a project intensive course, which builds on the principles and concepts covered in CIT 255 - Multimedia Production. Topics for this course include media optimization, advanced multimedia techniques, color correction, advanced raster images, image manipulation, sound and video file formats, marquees and animation. Students will also study the theoretical foundations of multimedia including human computer interaction theory. Prerequisites: CIT 255 with a grade of C or better. Credit: 3 semester hours.

CIT 360: Advanced Web Programming. This course will cover the way Web applications are developed with XML and ASP. NET. Built on Microsoft's .NET framework the course guides the student from beginning Web applications, to object-oriented programming, to using advanced Web form server controls. Students will effectively design interactive and dynamic Web applications within a server-based scripting environment and learn to successfully convert databases from Access to SQL Server and work with arrays, collections, and control structures. Prerequisite: CIT 220. Credit: 3 semester hours.

CIT 362: Windows Desktop/Server OS Administration. This course introduces the intermediate to advanced topics; demonstrating how to install, configure, and maintain Windows Server 2003; includes setting up users, computers, and printers; managing networked file and print servers; creating an e-mail server; and how to keep all data protected and secure. Prerequisite: CIT 222 or Consent of Instructor. Credit: 3 semester hours.

CIT 370: Information Technology Project Management. In this course students will learn the application of knowledge, skills, tools and techniques to project activities to meet project requirements. Various project management

philosophies will be covered. Students will be prepared to engage in leadership roles in project management activities. Prerequisite: CIT 120. Credit: 3 semester hours.

CIT 411: Advanced WAN Technologies. An advanced course encompassing the design and configuration of secure, converged wide-area networks. Topics include site to-site VPNs, MPLS, AAA, RADIUS, CBACs, and securing WAN devices. Prerequisite: CIT 212. Credit: 3 semester hours.

CIT 412: Optimizing Converged Networks. A capstone course encompassing the optimization of converged networks. Topics include queuing, traffic shaping, and Quality of Service for wired and wireless, voice, and video networks. Prerequisites: CIT 311, 312, and 4ll. Credit: 3 semester hours.

CIT 420: Advanced Database & Data Mining. To introduce the advanced database techniques and the use of SQL, interface, data preparation for data mining addresses an issue unfortunately ignored by most authorities on data mining. Data preparation has traditionally taken a backseat to the more alluring question of how best to extract meaningful knowledge. But without adequate preparation of your data, the return on the resources invested in mining is certain to be disappointing. Prerequisites: COS 410 with a grade of C or better. Credit: 3 semester hours.

CIT 430: Storage Area Networks. To present the benefits of storage area networks (SANs) to corporate users and enables them to deploy SAN technology effectively. Designed as an introduction to SANs, Storage Area Network Fundamentals develops an understanding of SAN basics and shows how to plan, implement, and manage a SAN. This course covers the topologies, protocols, and products required to implement and manage efficient SANs. Prerequisites: CIT 420, COS 311 with grades of C or better. Credit: 3 semester hours.

CIT 440: Introduction to Client/Server. Students explore basic concepts underlying client/server computing, emphasizing the event-driven programming paradigm and graphical user environment. They also become familiar with a client/server application development tool such as Power Builder or Visual Basic. Prerequisites: CIT 255, CIT 350, CIT 420. Credit: 3 semester hours.

CIT 450: Web Engineering. To introduce and provide perspectives on Web-based system development. Emphasis is placed on processes and methodologies of managing information on the Web. Students will utilize development tools, skills, and case studies to evaluate Web-based systems by focusing on performance testing and Web matrices. Students will learn how to maintain and reuse Web-based systems and the components that comprise those systems. Prerequisites: COS 311, CIT 350, CIT 355, CIT 420 with grades of C or better. Credit: 3 semester hours.

CIT 451: VoIP Architecture. Introduces new techniques in which bypassing of the old circuit-switched hardware, soft switches streamline message traffic providing a much more efficient service development environment. Prerequisite: CIT 211. Credit: 3 semester hours.

CIT 452: Mobile & Wireless Design. Introduces the mobile and wireless design techniques from the developer's perspective; offering in-depth analysis of the complete range of network technologies, details development options for building Smart Client, Thin Client, and messaging applications, as well as PIM. Prerequisites: CIT 211. Credit: 3 semester hours.

CIT 453: Network Management. Introduces the theoretical backgrounds and practical aspects of networking in three parts: Part I deals with background material on networking and net-working technologies (Ethernet, bridges, and switches). Part II addresses network management architectures and protocols to lay the foundation for SNMP management, broadband management, and TNM. Part III focuses on network management applications, tools to monitor network parameters, and network managements systems to manage networks. This course enables students

to move on to the networking industry or to pursue or continue research in the field. It is useful for bother computer science and electrical/computer engineering courses in networking. Prerequisites: CIT 251 or CIT 361. Credit: 3 semester hours.

CIT 460: Advanced Client/Server. In this course students apply skills and knowledge to develop a client/server application using object-oriented analysis and design. Using a graphical user interface (GUI) client and database server, students design and implement a business application. Prerequisite: CIT 440. Credit: 3 semester hours.

CIT 470: Information Architecture. This course shows information architects, designers, and web site developers how build large-scale and maintainable web sites that are easy to navigate and appealing to users. Prerequisite: CIT 220. Credit: 3 semester hours.

CIT 480: Web Analytics. This course covers best practices for gathering web data to drive analytical business decisions. Students will learn how to measure Key Performance indicators (KPis) consistently then, utilizing a common language, communicate standards to achieve common goals. Students will engage in best practices for developing consistent KPis and integrated metrics so they can get an accurate picture of which efforts are performing well and which are not. Prerequisite: CIT 220. Credit: 3 semester hours.

CIT 481: IT Independent Study. In this course students apply skills and knowledge to pursue a deeper knowledge of various aspects of the field of Information Technology. Students may also choose to prepare for a variety of certification exams. Prerequisites: Senior status or consent of instructor. Credit: 3 semester hours.

CIT 497: Topics in Information Technology. This course requires intensive examination of current topics in informational technology. This course will involve concentrated reading and discussion, as well as writing and presentation of findings. Prerequisite: Senior status or consent of instructor. Credit: 3 semester hours.

CIT 499: Information Technology Internship. 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 postgraduate employment. Students engage in industrial sponsored educational activities related to their major. Prerequisite: Students to be enrolled in their last semester of course work or instructor's consent. Credit: 3 semester hours.

CRIMINAL JUSTICE

CJE 101: Introduction to Criminal Justice. A survey course designed to study the criminal justice process. An analysis of local, state, and federal law enforcement agencies, court, and correctional agencies. Credit: 3 semester hours.

CJE 215: Introduction to Criminal Law. The study of the development and history of criminal laws in the United States emphasizing the structure, definitions, and interpretations of criminal statutes. Prerequisite: CJE 101 or consent of instructor. Credit: 3 semester hours.

CJE 220: Juvenile Justice. A course designed to study the juvenile justice system from processing of the juvenile offender through treatment. Examines the nature and extent of delinquency in the United States and responses to juvenile crime. Credit: 3 semester hours.

CJE 320: Law enforcement. The study of the history and development of federal, state, and local law enforcement agencies and current issues in law enforcement. Prerequisite: CJE 101 or consent of instructor. Credit: 3 semester hours.

CJE 321: Private Security. The study of the historical and philosophical development of private security. Emphasis is placed on responsibilities and legal problems of private agencies. Credit: 3 semester hours.

CJE 322: Criminal Investigation. 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. Prerequisite: CJE 101 or consent of instructor. Credit: 3 semester hours.

CJE 325: Courts. A course designed to study the American judicial system including the function of courts, judicial process and procedures, rules of evidence, constitutional issues, and the roles and responsibilities of key court personnel. Prerequisites: CJE 101 and CJE 215 with grades of C or better. Credit: 3 semester hours.

CJE 330: Corrections. The study of the correctional process, including jails, prisons, probation and parole. Emphasis is on an analysis of correctional theory and practice. Prerequisite: CJE 325 or consent of instructor. Credit: 3 semester hours.

CJE 332: Community Relations and Criminal Justice. The study of the relationship of the community to law enforcement, correctional institutions, and other criminal justice agencies. Emphasizes techniques for conflict resolution. Prerequisite: CJE 320 or consent of instructor. Credit: 3 semester hours.

CJE 335: Theories of Crime and Delinquency. A course designed to study the major theoretical explanations of crime and delinquency. Prerequisites: CJE 101 and CJE 215 with grades of C or better. Credit: 3 semester hours.

CJE 340: Principles of Victimology. Study of crime, its victims, and their relationship to the criminal justice process. Emphasizes psychological, financial, and medical needs and problems of the victim. Prerequisites: CJE 325 and PSY 200 or consent of instructor. Credit: 3 semester hours.

CJE 345: Comparative Criminal Justice. A course designed to examine the nature, location, and impact of crime in the United States including its historical foundations, theories of criminality, measurement of crime, typologies, and public policies concerning crime control with emphasis on cross-cultural perspectives. Prerequisites: CJE 101 and CJE 215 with grades of C or better. Credit: 3 semester hours.

CJE 350: Criminal Justice Ethics. A course designed to examine the theoretical foundations of ethics, ethical decision-making, and ethical issues confronting the criminal justice system, its processes and personnel. Prerequisites: CJE 101 and CJE 220 with grades of C or better. Credit: 3 semester hours.

CJE 410: Criminal Justice Administration. The study of the principles of organization, administration, leadership, management, and function of criminal justice agencies, including problem-solving, planning, and evaluation techniques used by criminal justice administrators. Prerequisites: CJE 101 and CJE 220 with grades of C or better. Credit: 3 semester hours.

CJE 415: Seminar in Criminal Justice. The study of special issues in criminal justice. Special emphasis is placed upon solutions to particular administrative problems. Prerequisite: CJE 410 or consent of instructor. Credit: 3 semester hours.

CJE 430: Criminal Justice Internship. A supervised placement in a criminal justice agency which enables students to obtain practical experience in a criminal justice setting. Prerequisites: CJE 215 and CJE 330 or consent of instructor. Credit: 3 semester hours.

CJE 433: Research Methods in Criminal Justice. An in- depth research effort. To include an introduction to basic logic, knowledge and skills of research design and methodology. Prerequisite: Consent of instructor. Credit: 3 semester hours.

CJE 434: Statistics for Criminal Justice. 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. Prerequisites: CJE/SOW 433 and MAT 111 or MAT 115 or MAT 200. Credit: 3 semester hours.

CJE 495: Special Topics in Criminal Justice: Police Operations. This course examines many types of police operations, including but not limited to criminal patrol and traffic enforcement by law enforcement agencies. It takes a more in-depth look into policing and focuses on the proactive methods law enforcement agencies employ to prevent crimes through patrol and the creation of a deterrent effect through traffic enforcement. Prerequisite: CJE 101 & CJE 320 or Consent of Instructor. Credit: 3 semester hours.

CJE 495: Special Topics in Criminal Justice: Electronic Crimes. This course examines electronic crime, prevention, and its impact on law enforcement and society. Electronic crimes include illicit attacks on personal computers, computer systems, individuals, and cyber terrorism among others. This course also includes the examination of social media platforms used in committing crime. Prerequisite: CJE 101 or Consent of Instructor. Credit: 3 semester hours.

CJE 495: Special Topics in Criminal Justice: Criminal Justice Reform. This course focuses on reforming the shortcomings currently present within the Criminal Justice system. Issues such as reducing prison populations, establishing equity in sentencing, decriminalization, police reform and juvenile justice reform will be examined. Prerequisite: CJE 101 or Consent of Instructor. Credit: 3 semester hours.

CJE 495: Special Topics: Crime Prevention. This course provides exposure to crime prevention strategies employed throughout the criminal justice system. Criminological theories and concepts associated with crime prevention will be examined relating to practical application. Topics under examination include Crime Prevention through Environmental Design (CPTED) which focuses on the effective use of the physical environment and tactical design to reduce crime or the fear of crime. Prerequisite: CJE 101 or Consent of Instructor. Credit: 3 semester hours.

CJE 495: Special Topics in Criminal Justice: Restorative Justice. Moving beyond the traditional victim-perpetrator model of harm, restorative justice promotes the idea of harm as a violation of relationships. In this foundational course, students will explore the historical and cross-cultural aspects of social sanctions and discuss an alternative theory to punishment and justice based on restorative values and principles. Students will examine the concept of harm and review various restorative practices designed to resolve harm, such as restorative dialogue and consensus building. Prerequisite: CJE 101 or Consent of Instructor. Credit: 3 semester hours.

CREDIT FOR LIFE EXPERIENCE

CLE 299: Portfolio Development. 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. Prerequisites: ENG 101, MAT 111, and consent of instructor. Credit: 3 semester hours.

COOPERATIVE EDUCATION

COE 291: Cooperative Education I. Work experience opportunity in a field related to student's academic interests. Graded Pass/Fail except for internship required for major. Prerequisites: 30 semester credit hours of course work and consent of advisor. (Hours arranged). Credit: 312 semester hours.

COE 391: Cooperative Education II. Work experience opportunity in a field related to student's academic interests. Graded Pass/Fail except for internship required for major. Prerequisites: One semester of Cooperative Education work experience and consent of advisor. (Hours arranged). Credit: 3-12 semester hours.

COE 491: Cooperative Education III. Work experience opportunity in a field related to student's academic interests. Graded Pass/Fail except for internship required for major. Prerequisites: Two semesters of Cooperative Education work experience and consent of advisor. (Hours arranged). Credit: 3-12 semester hours.

COMMUNICATION

COM 101: Oral Communication. Placement required concurrently with ENG 103 and ENG 099. An introduction to structured oral communication, concentration on the development and delivery of informative messages. Credit: 3 semester hours.

COM 103: Interpersonal Communication. The verbal and non-verbal aspects of human communication. Emphasis is placed on roles played by self-esteem, perception, trust, conflict, language, values, etc. Credit: 3 semester hours.

COM200: Public Speaking* Deals with the preparation, delivery, and evaluation of speeches. Emphasis is placed upon the impromptu, the extemporaneous, and the written speech. Prerequisite: SPE 103. Credit: 3 semester hours.

COM 201: Group Discussion and Debate. 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. Credit: 3 semester hours.

COM 233: African American Rhetoric. This course explores the growth of rhetorical discourse and strategic language used by African Americans from Negro spirituals to contemporary, digital forms of communication.

COM 302: Interracial/Intercultural Communication. The study of communication strategies in different cultural and racial groups. Prerequisite: SPE 103. Credit: 3 semester hours.

COM 304: Oral Interpretation. Designed to equip the student with techniques for effective oral interpretation of such literature as the Bible, the Classics, dramatic literature, and poetry. Prerequisite: SPE 103. Credit: 3 semester hours.

COM 310: Persuasive Speaking. The study of the rhetorical aspects of speech in persuasive styles. Emphasis is placed on gathering, structuring, and orally presenting persuasive data. Prerequisite: SPE 103. Credit: 3 semester hours.

COM 315: Voice and Diction. A basic course offered to acquaint the student with the social, physiological, psychological, phonetic, and linguistic bases of speech communication. Prerequisite: SPE 200. Credit: 3 semester hours.

COM 401: Institutional Communication. Designed to acquaint the students with organizational structures and how they develop internal and external communication systems. Prerequisite: Consent of faculty. Credit: 3 semester hours.

COM 402: Public Relations. Study of public relations concepts. Students are given the opportunity to practice public relations theory in a variety of activities and organizations. Prerequisite: Consent of faculty. Credit: 3 semester hours.

COMPUTER SCIENCE

COS 100: Introduction to Computers. 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 commonly used Productivity Software. Credit: 3 semester hours.

COS 101: Programming in Visual BASIC. An introduction to structured programming using Visual BASIC as a programming language. Focus on problem-solving techniques using basic file handling routines, mathematical computation, string handling, decision, and repetition structures. Credit: 3 semester hours.

COS 107: Problem Solving, Logic & Design. A language independent introduction to program development using various problem-solving techniques. Emphasis is placed on problem analysis, algorithm and pseudo code development, as well as various data and control structures. Credit: 3 semester hours.

COS 108: Principles of Computer Science I. 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. Prerequisites: COS 107, ENG 101 and MAT 111 or consent of divisional chair. Credit: 4 semester hours.

COS 109: Principles of Computer Science II. A continuation of COS 108 with an extensive study of the manipulation of arrays, strings, record structure and files. A brief introduction to Object Oriented Programming is provided. Prerequisite: COS 108. Credit: 4 semester hours.

COS 120: Microsoft Office Publisher. Introductory coverage of the Microsoft Office Publisher. Learn how to create a publication from scratch or use one of the hundreds of business and personal designs available in Publisher. Credit: 1 semester hour.

COS 121: Computer Concepts. This computer literacy course introduces 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. Credit: 1 semester hour.

COS 122: Introduction to Operating Systems. Introducing Windows, the operating system and commands. Learning customizing the user interface, adding and deleting hardware, installing software, managing folders, files and disks, shortcuts, properties, and using Control Panel. Credit: 1 semester hour.

COS 123: Introduction to Word. Creating simple documents with editing commands, and preparing professional documents, reports, flyers, and posters. Learning to manage tables, indexes, cross references, newspaper columns, merge mail, label/envelop printing, macros, and more. Credit: 1 semester hour.

COS 124: Introduction to Excel. Creating simple spreadsheets and applying math, statistical, financial, and database functions with various built-in commands. Learning to draw and interpret pie, line, bar, and stacked graph charts. Learning how to make macros. Credit: 1 semester hour.

COS 125: Introduction to Access. Learning to use a database management system (DBMS) for creating, reading, updating and deleting data. Experiencing formatting, sorting, finding records using search tools, generating reports, securing data, along with other database application features. Credit: 1 semester hour.

COS 126: Introduction to PowerPoint. Creating on- screen presentations. Learning how to produce informative, attractive, effective presentations using features of this software application. Credit: 1 semester hour.

COS 127: Introduction to Web Design using HTML. Learning about various HTML tags and their use for creating simple, attractive web pages. The pages can contain animation, graphics, audio/video, and script programs. Credit: 1 semester hour.

COS 129: Introduction to JavaScripts. Create applets using JavaScript and design professional looking web pages with executing code embedded. Credit: 1 semester hour.

COS 130: Special Topic Lab. This laboratory course will have changing topics form computer science to provide knowledge in a new area of this fast changing field. May be repeated for credit 3 times with different topics. Credit: 1 semester hour.

COS 180: Advanced Programming in Visual BASIC. 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. Credit: 3 semester hours.

COS 200: Computer Information Systems. Overview of computer-based information systems, major models, applications and functions from a component perspective. Learn to describe physical and logical aspects of systems. Learn to present related material with intermediate HTML. Credit: 3 semester hours.

COS 232: Programming I. Required for Business and Security options. This course is a study of COBOL syntax, constructs, and its applications in business programming. Topics include structured program design, control break processing, table usage, sorting, merging, report writing, and maintenance of sequential, indexed and relative files. Prerequisite: COS 101 or
108. Credit: 4 semester hours.

COS/DGE 275: Game Programming Foundation I. This course introduces students to the rigorous field of interactive simulation and gaming. Students learn about the major components of modern simulations and games from both a design perspective and a technical perspective. Topics covered include: fundamentals of simulation/gaming, user interface design, human computer interaction, input/output paradigms, and an overview of simulation/game design process. Lab activities are designed to foster critical thinking and problem solving skills through the development of an understanding of the development process as well as interactive programming techniques through the creation of working interactive programs in a high level programming language. Prerequisite: COS 109. Credit: 4 semester hours.

COS 281: Introduction to Information Security and Assurance. This course provides the foundation for understanding the key issues associated with protecting information asset, determining the levels of protection and response to security incidents, designing a consistent, reasonable information security system with appropriate intrusion detection and reporting features, and learning the principles of trusted computing bases (TCB). Credit: 3 semester hours.

COS 300: Systems Design and Development.* A study of computer systems design and development techniques. Includes the systems development cycle, requirements determination and analysis, specification development, Object-oriented (OOD) methods,system validation and verification, quality assurance and implementation. Prerequisite: COS 109. Credit: 3 semester hours.

COS 301: Computer Organization. A detailed study of the organization and structuring of a computer system. Topics include logical basis of computer structure, machine language, number systems, the mechanics of data transfer and control, and recent advances in computer organization. Prerequisite: COS 109. Credit: 4 semester hours.

COS 302: Operating Systems. 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. Prerequisite: COS 301. Credit: 3 semester hours.

COS 303: Human Perspective on Computing. This course focuses on the study of computing's interaction with human culture. Credit: 3 semester hours.

COS 310: Discrete Computing Structures. Introduces mathematical topics needed in the study of Computer Science including logic, set theory, matrices, induction and recursion, discrete probability, relations, Graphs, Trees, etc. Prerequisite: MAT 125. Credit: 3 semester hours.

COS 314: Network Protocols. This course introduces students to network protocols, in particular the OSI and TCP/IP suite of network communication protocols. Topics include fundamentals of networks, data transmission, network architecture, protocols and others. Credit: 3 semester hours.

COS 331/CIT 331/PHY 331: Introduction to Robotics. Introduction to robotics including the design, building, and programming simple robots. Included will be the basic science, engineering, and mathematics needed to design and build a simple robot. Students will also be introduced to the topic of project management. The course is a combination lecture/laboratory course that will meet five hours per week for three credit hours. Credit: 3 semester hours.

COS 332: Management of Information Security. This course focuses on the managerial aspects of information security and assurances. Topics covered include access control models, information security governance, and information security program assessment and metrics. Coverage on the foundational and technical components of information security are included to reinforce key concepts. The course includes up-to-date information on changes in the field, such as national and international laws and international standards like the ISO 27000 series. Prerequisite: COS 281. Credit: 3 semester hours.

COS 334: Cyber Forensics. This course will deal with an exciting area of computer forensics, crimes, law and investigations. Date are collected from cell phones, mobile devices documents, e-mail, etc., and evidence is collected by using various forensics tools. The pretrial and courtroom experiences of a computer forensics investigator will also be discussed. Prerequisite: COS 281. Credit: 4 semester hours.

COS 340: Data Structures and Algorithm Analysis. A more advanced study of the complex discrete data structures explored in COS 310. Algorithms manipulating these structures are implemented in C++; using Object Oriented Programming techniques. Prerequisites: COS109 and 310. Credit: 4 semester hours.

COS 350: Organization of Programming Languages. 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. Prerequisite: COS 109. Credit: 3 semester hours.

COS 364: Data Storage and Data Mining. This course is an introduction to data warehouse design, modeling and data mining. It provides students with an understanding of the industry standard data mining methodologies, and with the ability of solving problems with it. Prerequisite: COS 109. Credit: 3 semester hours.

COS/DGE 375: Game Programming Foundation II. This course is a continuation of the Gaming I and students will learn to build on their previous knowledge. They will learn the advanced level material in such as Graphics, Sound and

Animations. They will build professional looking user interfaces and will use GUI for interactive simulation and gaming. Prerequisite: COS 275. Credit: 3 semester hours.

COS/DGE 385: Gaming and Computer Graphics. Topics in two and three-dimensional graphics, along with a modern 3D graphics API. Introduction to the foundations of three-dimensional display: projections, geometric transformations, scan conversion, clipping, lighting, shading, and texturing. Prerequisite: COS 275. Credit: 4 semester hours.

COS 399/MAT 399/PHY 399/BIO 399/CHE 399: Undergraduate Teaching Experience. Students earn course credit for undergraduate teaching experience including but not limited to (1) assisting students during laboratory sessions, (2) helping to set up laboratories or lecture/lab quizzes, or (3) conducting PLTL-Excel type workshops for students. Course may be repeated for credit. Prerequisite: Consent of instructor. Credit: 1 semester hour.

COS 410: Database Management Systems. Detailed study of major database concepts and dominant models. Focus on hierarchical, relational, and object— relational systems as they are implemented in current DBMS. Student teams design and build a DBMS. Prerequisite: COS109. Credit: 3 semester hours.

COS 420: Algorithms. 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 programming languages. Prerequisite: COS 340. Credit: 3 semester hours.

COS 435: Advanced Topics in Cyber Security. An in- depth study of advanced topics in information security. Topics will vary according to current trends and research directions in the field. Some possible topics include: information security, managements, risk assessment, network security, and cyber- forensics. This course will provide most advanced knowledge in cyber security in line with some homeland security strategically research themes and current hard problems in INFOSEC. Research and knowledge, these include current hard problems in INFOSEC research. Prerequisite: COS 281. Credit: 3 semester hours.

COS 460: Artificial Intelligence. Introduces various topics related to the field of Artificial Intelligence including but not limited to logic, knowledge representation, expert systems, natural language processing, AI related problems, and AI languages. Credit: 3 semester hours.

COS 464: Management of Computer Information Systems. This course provides a capstone course for students to integrate course experiences. Students will manage real Information System projects for businesses/organizations located in the community. Prerequisites: COS 300 and COS 410. Credit: 4 semester hours.

COS 470: Networking and Telecommunications. 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. Prerequisites: COS 302. Credit: 3 semester hours.

COS/DGE 475: Game Design and Development. This course involves the study of the technology, science and storytelling involved in the creation of computer games. It will emphasize hands-on development of games. Relevant software technologies including programming languages, and simulation engines will be discussed. We assume significant programming experience and knowledge of programming language concepts. We also assume student can learn new programming concepts and systems on their own (direct, OpenGL). Prerequisite: COS/DGE 375. Credit: 3 semester hours.

COS 479: Foundation in Information Security. This course introduces different concepts of Information Security. It provides a broad overview of the threats to the security of information systems, the responsibilities and basic tools for

information security, and the levels of training and expertise needed in organizations to reach and maintain a state of acceptable security. Credit: 3 semester hours.

COS 481: Information Security. Prerequisites: COS 302 or COS 479. This course will focus on the design principles of trusted computing bases (TCB). Issues regarding authentication; access control and authorization; discretionary and mandatory security policies; secure kernel design; secure operating systems; and secure databases. Credit: 3 semester hours.

COS 482: Introduction to Cryptography. This course provides the basics of cryptography and how it is used for Information Security. Credit: 3 semester hours.

COS 483: Database Security. This course will focus on issues related to the design and implementation of secure data stores. Emphasis will be placed on multilevel security in database systems; covert channels; and security measures for relational and object-oriented database systems. Credit: 3 semester hours.

COS 484: Introduction to Network Security. This course introduces students to the fundamental techniques used in implementing secure network communication and gives them an understanding of common threats and attacks, as well as some practical experience in attacking and defending networked systems. Credit: 3 semester hours.

COS 485: Information Security Project. This project course integrates all of the knowledge accumulated in the previous security courses and will serve as a capstone course for the specialization in Information Security. Prerequisites or corequisites: three courses from COS 481-484. Credit: 3 semester hours.

COS 490: Seminar in Computer Science. Important and timely problems in Computer Science are reviewed to reinforce and integrate ideas presented over the curriculum. Advanced topics will be introduced. Credit: 3 semester hours.

COS/DGE 495: Interactive Gaming Project. Interactive gaming puts into practice all of the information and knowledge gained in the previous courses. In this sequence the students first identify, then build, the necessary components for a full working 3D simulation/game engine. We assume significant programming experience and knowledge of programming language concepts. We also assume student can learn new programming concepts and systems on their own (direct, OpenGL). Prerequisite COS/DGE 475. Credit: 3 semester hours.

COS 497: Independent Study in Computer Science. 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. Credit: 3 semester hours.

COS 498: Internship in Computer Science. 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 once. Prerequisites: junior or senior classification and consent of Computer Science chairperson. Credit: 3 semester hours.

COS 499: Special Topics in Computer Science. 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. Prerequisite: permission of the instructor. Credit: 3 semester hours.

DIGITAL GAMING

DGE/COS 275: Game Programming Foundation I. This course introduces students to the rigorous field of interactive simulation and gaming. Students learn about the major components of modern simulations and games from both a design perspective and a technical perspective. Topics covered include: fundamentals of simulation/gaming, user interface design, human computer interaction, input/output paradigms, and an overview of simulation/game design process. Lab activities are designed to foster critical thinking and problem solving skills through the development of an understanding of the development process as well as interactive programming techniques through the creation of working interactive programs in a high level programming language. Prerequisite: COS 109. Credit: 4 semester hours.

DGE 300: Software Engineering for Computer Games. This course teaches students the basic skills of software engineering. The course will cover topics in software processes, software development tools, software design, testing and management. The contents will be provided with the intent to develop computer games in a team environment. Prerequisites: COS 108, COS 109. Credit: 3 semester hours.

DGE/COS: 375: Game Programming Foundation II. This course is a continuation of the Gaming I and students will learn to build up on the previous knowledge. They will learn the advanced level material in such as Graphics, Sound and Animations. They will build professional looking user interfaces and will use GUI for interactive simulation and gaming. Prerequisite: COS 275. Credit: 3 semester hours.

DGE 380: Online Game Development. This course is dedicated to game development for the World Wide Web. This course introduces students to the features available in HTML5, CSS3, WebGL, and JavaScript to develop 2D and 3D games running on web browsers. Prerequisites: COS 108, COS 109. Credit: 3 semester hours.

DGE/COS: 385: Gaming and Computer Graphics. Topics in two and three-dimensional graphics, along with a modern 3D graphics API. Introduction to the foundations of three-dimensional display: projections, geometric transformations, scan conversion, clipping, lighting, shading, and texturing. Prerequisite: COS 275. Credit: 4 semester hours.

DGE/COS 475: Game Design and Development. This course involves the study of the technology, science and storytelling involved in the creation of computer games. It will emphasize hands-on development of games. Relevant software technologies including programming languages, and simulation engines will be discussed. We assume significant programming experience and knowledge of programming language concepts. We also assume student can learn new programming concepts and systems on their own (direct, OpenGL). Prerequisite: COS/DGE 375. Credit: 3 semester hours.

DGE 476: Mobile Game Development. This course teaches students the basic skills in programming in the area of Mobile devices and will be able to develop games. Prerequisites: COS 108, COS 109. Credit: 3 semester hours.

DGE 485: Virtual Reality. This course addresses Virtual Reality (VR) interface techniques and programming. Topics include physical interface devices, methods of manipulating a virtual world, evaluating VR applications, and programming VR applications. Students will create their own VR applications. Prerequisites: COS 108, COS 109, COS 275. Credit: 3 semester hours.

DGE/COS 495: Interactive Gaming Project. Interactive gaming puts into practice all of the information and knowledge gained in the previous courses. In this sequence the students first identify, then build, the necessary components for a full working 3D simulation/game engine. We assume significant programming experience and knowledge of programming language concepts. We also assume student can learn new programming concepts and systems on their own (direct, OpenGL). Prerequisite COS 475. Credit: 3 semester hours.

ECONOMICS

ECO 200: Survey of Economics. A basic survey of economic principles involved in micro-economics and macroeconomics. This course is offered to non- Business majors. Credit: 3 semester hours.

ECO 201: Principles of Economics I. 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. Credit: 3 semester hours.

ECO 202: Principles of Economics II. 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. Prerequisite: ECO 201. Credit: 3 semester hours.

ECO 301: Microeconomics. Intensive study of economic analysis of consumption, output, price, and factor proportion problems and forms of decision making in different market structures. Prerequisite: ACC 201, BUA 204 and ECO 201, all with grades of C or better. Credit: 3 semester hours.

ECO 302: Macroeconomics. Static and dynamic theories of aggregate economics, the measurement of economic activity, determination of national income and growth, and the control of economic activity. Prerequisite: ACC 201, BUA 204 and ECO 201, all with grades of C or better. Credit: 3 semester hours.

ECO 311: Business Statistics I. Focus on measurement of central tendencies, probability concepts, sampling distribution, appreciation of statistical estimates, and hypothesis testing in uncertain situations. Prerequisite: MAT 115 or higher; ACC 201, BUA 204 and ECO 201, all with grades of C or better. Credit: 3 semester hours.

ECO 312: Business Statistics II. The study of regression and correlation analysis, time series analysis and forecasting, Chi-square, and analysis of variance. Prerequisite: ECO 311. Credit: 3 semester hours.

ECO 321: Quantitative Methods of Decision Making. Various quantitative models involving matrix algebra, calculus, and functions are studied. The use of linear programming in business decisions is emphasized. Prerequisites: MAT 115 or higher and ECO 311 or BUA 320. Credit: 3 semester hours.

ECO 329: International Economics. Description and analysis of the international economic relationships among the nations of the world with emphasis on the United States and international trade. Prerequisite: ACC 201, BUA 204 and ECO 202, all with grades of C or better. Credit: 3 semester hours.

ECO 411: Money and Banking. A study of monetary and banking systems in the United States. Highlighted are the roles of the Federal Reserve System and current monetary problems. Prerequisite: ECO 202 and FIN 330. Credit: 3 semester hours.

ECO 420: History of Economic Thought. 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. Prerequisite: ACC 201, BUA 204 and ECO 202, all with grades of C or better. Credit: 3 semester hours.

ECO 424: Labor Economics. 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. Prerequisite: ACC 201, BUA 204 and ECO 202, all with grades of C or better. Credit: 3 semester hours.

ECO 425: Comparative Economic Systems. A study of the ideologies and functioning of capitalism, communism, and socialism, and how various economic principles and theories apply under these systems. Prerequisite: ACC 201, BUA 204 and ECO 202, all with grades of C or better. Credit: 3 semester hours.

ECO 470: Students in Free Enterprise (SIFE). Student outreach to the community; teaching them the principles of economics and free enterprise. Prerequisite: junior or senior status and consent of chairperson. Credit: 1-3 semester hours.

ECO 480: Economics Internship. Off campus on-the- job employment related to the discipline of economics. Prerequisite: junior or senior classification and consent of chairperson. Credit: 3 semester hours.

ECO 499: Independent Study in Economics. Research and in-depth study of a particular economic concept or problem under the direction of a faculty member. Prerequisites: Senior classification and consent of chairperson. Credit: 3 semester hours.

EDUCATION

EDU 101: Introduction to Education. This course serves as an introduction to the contemporary dynamics of K-12 education system in the United States. Different pedagogies that encourage active participation in individual and group settings will be explored. Students will also investigate legal and ethical issues, the impact of multistate adoption of the common core standards, educational theories, and explore the effects of culture on teaching and learning, all of which impact the 21st century teacher. Credit: 3 semester hours.

EDU 118: Introduction to University Learning. This course is an introduction to the college experience and the opportunity to explore the skills and expectations necessary at the college level. In alignment with the student learning outcomes, students will explore the psychology of success, adapt to effective learning behaviors, and understand the science of learning. This course provides a learning opportunity for the student which includes communication skills, critical reasoning, problem solving, study skills, time management, and goal setting. The content of the course is designed to help students in becoming more independent learners in order that they can make the most of their educational opportunities. Additionally, the course will expose students to the history, numerous resources, and services available at Kentucky State University. Students will learn how to enhance their current study skills toward developing a foundation for lifelong learning and career development. Credit: 3 semester hours.

EDU 202: Foundations of Teaching & Education. 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). Prerequisites: C or above in ENG 101 and 102. Credit: 3 semester hours.

EDU 203: Introduction to Technology in Education. 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). Credit: 3 semester hours.

EDU 204: Cultural Responsiveness. Prerequisites: ENG 101 and ENG 102. All Teacher Education Majors take this course instead of IGS 201. The course is designed to assist students with examining their understanding of global culture and how they respond to our diverse world. Self-reflection, discussion, and respectful sharing of viewpoints and understandings are imperative to this class. Project-based learning (PBL) is the major teaching/learning strategy used in this course. Credit: 3 semester hours.

EDU 206: PRAXIS CASE: Mathematics Test Prep Seminar. This course will consist of 1 hour regular classroom contact taught by Mathematics Faculty. In class meetings will be supplemented with online test practice and preparation materials. This course is designed to assist students with examination support and preparation strategies for the mathematics portion of the PRAXIS Core Academic Skills for Educators (CASE) exam. Credit: 1 hour.

EDU 207: PRAXIS CASE: Reading and Writing Test Prep Seminar. This course will consist of 1 hour regular classroom contact taught by English Faculty. In class meetings will be supplemented with online test practice and preparation materials. This course is designed to assist students with examination support and preparation strategies for the PRAXIS Core Academic Skills for Educators (CASE) exam. Credit: 1 hour.

EDU 302: Child & Adolescent Development. 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). Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 303: Educational Assessment and Evaluation. 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). Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 304: Classroom and Learning Management. 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. Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 309: Special Topics in Education. This course is designed to assist students with examination support and preparation strategies. Students will prepare a study plan to guide their preparation strategies. Students will also engage in several current issues and topics related to education reform such as common core standards updates and implementation. The
student may enroll in this course up to three times under different topics. Credit: 1-3 semester hours.

EDU 310: Introduction to Exceptional Education. Survey of major areas of exceptionality. A study of principles and practices for mainstreaming children with exceptionalities in regular classrooms. Field work required. Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 311: Legal and Parental Issues in Special Education. A review of pertinent legislation concerning human and constitutional rights and parental issues related to individuals with disabilities. Prerequisite: EDU 310. Credit: 3 semester hours.

EDU 316: Early Childhood Education of the Handicapped. 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. Prerequisite: EDU 310. Credit: 3 semester hours.

EDU 318: Special Education Practicum. Supervised field experience in more than one setting to prepare students to become teachers of handicapped children during early childhood. Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 320: Teaching Reading and Language Arts in Elementary School. A study of the current research, instructional methods and materials, assessments for teaching reading and language arts in the elementary school (P-5). Emphasis is on teaching reading and writing through a balanced literacy approach. Field work required. Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 401: Behavior Management and Instruction for Exceptional Learners. 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. Prerequisite: EDU 316. Credit: 3 semester hours.

EDU 404: Designed Curriculum Learning Environments for Young Children with Disabilities. Designing curriculum and implementing learning environment which enhance the growth and development of young children with disabilities. Prerequisite: Junior standing. Credit: 3 semester hours.

EDU 405: Teaching Social Studies in the Elementary School. 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). Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 407: Literacy Assessment and Intervention Strategies. 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. Prerequisites: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 408: Teaching Physical Education in Elementary School. Designed to provide the prospective teacher with an opportunity to implement effective instructional programs. The focus of the course will include lead-up games and a variety of low organized activities, as well as health and nutrition for young children. Field work required. (Merger of PHE 258 and PHE 260). Prerequisite: Admission to Teacher Education Program. Credit: 2 semester hours.

EDU 410, 411, 412, 413, 414: Teaching High School (Subjects). (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. Content, instructional methods, materials, and assessment for each subject area. Field work required. Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 415: Teaching Language Arts in Elementary School. 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. Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 420: Teaching Health in Schools. Instructional techniques and materials for teaching school health for the elementary, middle, and secondary school programs. Field work required. Prerequisites: EDU 302 and HED 223. Credit: 3 semester hours.

EDU 422: Teaching Health and Physical Education in Schools. The course is designed to provide the prospective teacher with tools to implement effective instructional programs. The course will focus on content, instructional methods, materials, and assessment procedures for Health and Physical Education P-12. (Merger of EDU 412 and EDU 420). Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 423: Teaching Mathematics and Science in Elementary School. A study of content, instructional methods, materials, and assessment for teaching mathematics and science (P-5). Field work required. Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 430: Organization and Administration of Public Schools. 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). Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 445: Teaching High School Reading in the Content Areas. A study of assessment, materials and methods for reading instruction in secondary schools with emphasis on improving reading in content areas. Prerequisite: Admission to Teacher Education Program. Credit: 3 semester hours.

EDU 454: Undergraduate Student Teaching. Undergraduate student teaching provides 70 days of full-time, unpaid, supervised, clinical practice in public schools, for candidates pursuing a bachelor degree form one of KSU's teacher education programs (TEPs). Individuals who have completed all coursework and required, standardized exams go through a formal application process for admission to student teaching. By Kentucky regulation, student teachers may not be employed by their schools in any way in any role, although they may be employed by a different school in a manner that does not interfere with fulfillment of student teaching responsibilities. Prerequisite: Complete all coursework and required, standardized exams and go through formal application process for admission to student teaching. Credit: 12 semester hours.

EDU 495: Post-Baccalaureate Capstone. This course is designed to be a culminating experience for teacher candidates who have worked on provisional or probationary certificates or in private schools. This course is not open to degree-seeking students. Grading is pass/fail. Credit: 12 semester hours.

ENGLISH

ENG 101: English Composition I. Practice in composing and revising essays that are well organized, coherent, and demonstrate command of English fundamentals. Course Credit may also be earned through testing. Credit: 4 semester hours.

ENG 102: English Composition II. Continuation of English 101, with several weeks devoted to the preparation of a research paper. Prerequisite: ENG 101. Course credit may also be earned through testing. Credit: 3 semester hours.

ENG 103: College Reading. This course is designed to improve general reading skills and develop critical reading through class (3 hours per week) and supplemental instruction (2 hours per week): required for entering freshmen and transfers with a 19 or below ACT reading score. May be counted as elective credit. Credit: 4 semester hours.

ENG 211: Introduction to Literature.* An introduction to the understanding and enjoyment of the major literary genres: fiction, drama, and poetry,. Prerequisite: ENG 101. Credit: 3 semester hours.

ENG 214: Persuasive Writing. Instruction and practice in types of written persuasion, including instruction in the rhetorical forms of argumentation and persuasion. Prerequisite: ENG 101. Credit: 3 semester hours.

ENG 215: Introduction to Literature for English Majors. An introduction to major literary genres – fiction, drama, poetry, and essays – with a more intensive focus on literary and genre theory appropriate for prospective English majors. Prerequisite: ENG 101.

ENG 216: Technical Writing. Training and practice in written communications (reports, business letters, memorandums, etc.) required in business, industry, and government. Prerequisite: ENG 102 or consent of instructor. Credit: 3 semester hours.

ENG 260: Children's Literature. 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. Prerequisite: ENG 211 or consent of instructor. Credit: 3 semester hours.

ENG 285: Writing and Sentence Skills for Teaching Professionals. Specifically for Education majors. Focuses on the organizational, grammatical, and mechanical writing skills demanded of classroom teachers. Prerequisites: ENG 101, ENG 102, ENG 211. Credit: 3 semester hours.

ENG 311: Advanced Grammar. Instruction in concepts of English sentence structure, grammar and word formation. Prerequisite: ENG 102. Credit: 3 semester hours.

ENG 313: Non-Western Literature. An introduction to selected authors and texts from Non-Western cultures in Africa, the Middle East, Asia and the Americas. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 315: History of the English Language. A study of the historical development and evolution of the English language from Old to Modern English. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 317: Linguistics. Introduction to the science of linguistics, including phonology, morphology, syntax and semantics. Also includes study of language use in society. Prerequisite: ENG 211 or consent of instructor. Credit: 3 semester hours.

ENG 322: Survey of British Literature I. Major works by British authors from the Old English period to the Age of Johnson. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 323: Survey of British Literature II. Continuation of the survey of major British works and their critical, intellectual, and historical contexts from the Age of Johnson to the modern era. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 324: Survey of American Literature I. A chronological study of major pre-modern American writers, with emphasis on political, social, and literary movements. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 325: Survey of American Literature II. A study of modern American writers, with emphasis on political, social, and literary movements. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 330: Literary Genres. This course provides students with comprehensive study of major works and criticism of one of the major literary genres: Novel, Poetry or Drama. Prerequisite: ENG 211/215. Credit: 3 semester hours.

ENG 342: Writing Poetry. Students will study poetry and write a short collection of poems. Students will also read and critique one another's works. Prerequisite: ENG 211 or consent of instructor. Credit: 3 semester hours.

ENG 343: Writing Creative Non-Fiction. 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. Prerequisite: ENG 211 or consent of instructor. Credit: 3 semester hours.

ENG 345: Writing Drama/Screenplay. Students will study drama and film writing and write a short play or screenplay. Students will also read and critique one another's works. Prerequisite: ENG 211 or consent of instructor. Credit: 3 semester hours.

ENG 346: Writing Fiction. Students will study fiction, both short and full-length, and write fiction pieces. Students will also read and critique one another's works. Prerequisite: ENG 211 or consent of instructor. Credit: 3 semester hours.

ENG 390: Adolescent Literature. Designed to help students identify appropriate reading material for adolescents by interest and grade level. Students will also learn bibliographical skills. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 397: Special Topics in English I. A broad range of literary topics in specialized areas not addressed in depth by the traditional curriculum. Prerequisite: ENG 211 or consent of instructor. Credit: 3 semester hours.

ENG 398: Literary Heritage. An intensive study of a specific period in literary history, focusing on major figures and texts from that period. May be repeated. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 399: Special Topics in English II. A broad range of literary topics in specialized areas not addressed in depth by the traditional curriculum. Prerequisite: ENG 211 or consent of instructor. Credit: 3 semester hours.

ENG 409/AAS 409: Literature of African Americans. A study of representative literary works written by African Americans from Phillis Wheatley to the present. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 411: Shakespeare. Analytical study of Shakespeare's principal plays and sonnets, with an introduction to the Elizabethan thought and society. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 413: Literary Criticism. A study of major schools of criticism and influential critics. Includes instruction in practical application of these approaches to writing about literature. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 415: Major author(s). An intensive study of one or two authors considered to be among the greatest and most influential of writers in English. May be repeated. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 433: Reading and Writing Clinic Practicum. Required of all students obtaining certification in English Education. A clinical course designed to help students identify and correct problems in reading and writing. Prerequisite: ENG 211. Credit: 3 semester hours.

ENG 490: Senior Creative Project. A semester-long writing project which will culminate in either a collection of short creative works or one full-length work. Prerequisite: one 300-level creative writing class(ENG 342, 343, 345 or 346). Credit: 3 semester hours.

ENG 499: English Capstone. * This culminating course focuses on research and bibliographic methodologies within the context of a 30-page research paper assignment, as well as broadening analytical and critical thinking skills, thus preparing students for graduate/professional schools and/or the workforce. Prerequisites: Senior Classification, ENG 214 (Persuasive Writing) and 413 (Literary Criticism). Required of all English majors. Credit: 3 semester hours.

ENGLISH AS A SECOND LANGUAGE

ESL 085: Fundamentals of English for Foreign Students. 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). Credit: 3 semester hours.

ESL 086: Fundamentals of Informative Writing for Foreign Students. 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.) Credit: 3 semester hours.

ESL 087: Fundamentals of English Conversation for Foreign Students. Familiarizes foreign students with fundamentals of spoken communication in English. (Does not count toward any degree requirements). Credit: 3 semester hours.

FAMILY CONSUMER SCIENCE

FCS 201: Design Elements and Principles for the Consumer. The course provides a base for competencies in the principles and elements of design for the consumer and the professional. Application of the arts is utilized. The course familiarizes the student with design fundamentals and provides appreciation of the aesthetics of design. Credit: 3 semester hours.

FCS 202: Apparel Construction and Analysis. Application of garment construction and the fundamentals of fashion apparel production. Examination of the home sewing and apparel manufacturing industries. Emphasis on the consumer, quality, terminology, technology, the components of construction, and elements of design. Credit: 3 semester hours.

FCS 215: Agribusiness Management. This course is an introduction to agribusiness management in the United States. It focuses on the application of business principles to real-world issues with industries that depend upon agricultural production. Credit: 3 semester hours.

FCS 301: Inst. Strat. in Family & Cons. This course focus on teaching strategies and instructional materials for Family and Consumer Sciences with application to formal and non-formal educational settings including requirements for teacher education. Credit:3 semester hours.

FCS 303: Consumer Economics and Resource Management. The study of family financial management, consumer credit, and debt management; federal, state and local laws for consumer protection; factors involved in purchasing consumer goods and services; management theory and application; and energy and environmental concerns for consumers. Credit: 3 semester hours.

FCS 304: Housing and Home Environment. Exploration of design, space planning, selection of furnishings and changing technology in the interior home environment; human behavior and aesthetic concerns; meeting the housing needs of a diverse society; analysis of housing trends and alternatives; and equipment and technology in the home. Credit: 3 semester hours.

FCS 305: Principles of Food Preparation. A course that teaches the basics of food, food preparation, food service, and food science. Culinary principles are also included. Explores the science of food through food selection & evaluation, food safety and food chemistry. Basic food preparation, meal management, food selection, purchasing and storage are covered. Nutrition and the management of time and cost are emphasized. Credit: 3 semester hours.

FINANCE

FIN 101: Financial Literacy. Students will learn to manage their resources and make sound personal financial decisions that will enable them to make effective use of income and achieve personal financial success. Units of study include budgeting, careers and income, taxes, insurance, credit, banking services, saving and investing. Prerequisites: none. Credit: 3 semester hours.

FIN 305: Personal Financial Planning. The study of personal finances and investing activities. Topics include: personal financial statements, developing a financial plan and budget, personal finance applications of time-value-of money, risk/insurance analysis, house-buying, investment strategies, stocks, bonds, mutual funds, credit borrowing, taxes, retirement planning. Prerequisite: ACC 201, BUA 204 and ECO 201, all with grades of C or better. Credit: 3 semester hours.

FIN 330: Corporate Finance. An overview of the basic concepts, principles, and analytical tools in financial management. Topics include: financial statement analysis and ratios, time-value-of-money, financial markets, taxation, interest rate calculations, dividends, stock and bond valuation, capital budgeting, risk and return, cost of capital, capital structure. Prerequisites: ACC 201, BUA 204 and ECO 202, all with grades of C or better. Credit: 3 semester hours.

FIN 405: Career and Research Skills in Finance and Investments. An extensive overview of the necessary skills for successful careers in finance and investments is explored. Topics include: developing research skills, financial writing and oral presentation techniques, investment mathematics, statistical tools, technology and computer software, online financial information and library resources, knowledge of independent investment research products and services. Prerequisites: FIN 330. Credit: 3 semester hours.

FIN 421: Cases in Financial Management. The principles and analytical methods studied in FIN 330 are applied to real-world oriented cases for students to develop practice oriented skills and solutions to problems facing the corporate financial manager. Prerequisites: FIN 330. Credit: 3 semester hours.

FIN/ACC 425: Analysis of Financial Statements and Financial Reporting. The study of accounting data and financial statements for reporting and planning purposes and the analysis and interpretation of financial statement for accounting, management, and investment purposes. Applications and financial software are utilized to construct pro-forma statements and complete case analysis assignments. Prerequisite: FIN 330. Credit: 3 semester hours.

FIN 440: Financial Institutions. Analyzes the management operations of investment firms, insurance companies, banks, and other lending institutions. Topics include: financial statements, performance analysis, asset/liability management, mergers and acquisitions, financial services and banking industry, firm organizational structure, legal and regulatory environment. Prerequisite: FIN 330. Credit: 3 semester hours.

FIN 450: Investment Analysis. An overview of concepts and analytical tools of investment management. Topics include: modern portfolio theory, practical investment management, investment strategies, market efficiency, behavioral finance, investing internationally, mutual funds, asset allocation, managing equity and fixed income portfolios,

fundamental and technical analysis, securities investment analysis. Prerequisite: FIN 330. Credit: 3 semester hours.

FIN 460: Entrepreneurial Finance. Provides an overview of the challenges and opportunities of financing business enterprises including: developing a business and financial plan. The class is intended for future entrepreneurs who wish to start or purchase new ventures, those who wish to join rapidly growing organizations, or those who desire to work in private equity, venture capital or business development in well- established organizations. Prerequisite: FIN 330. Credit: 3 semester hours.

FIN 470: International Corporate Finance. Surveys the international aspects of corporate finance. Multinationals confront the familiar problems of financing and investment in unique new forms as these firms seek to expand across national borders. In Investigates the financial policies, international financial markets, investment opportunities, capital budgeting techniques and foreign exchange risk management of multinational companies.Prerequisite: FIN 330. Credit: 3 semester hours.

FIN 472: Student-Managed Mutual Fund Investment. Finance students manage a real mutual fund portfolio in a teamwork setting. A focal point of the investment decision is mutual fund and industry (sector) analysis, day-to-day evaluation, record keeping, investment performance and report preparation. Finance students are responsible for all decisions in managing the mutual fund portfolio for actual funds (real money) based on a "long-term" asset allocation philosophy. Prerequisites: FIN 330, FIN 405, FIN 450. Credit: 3 semester hours.

FIN 475: Behavioral Finance. Introduces the theories developed by research regarding cognitive biases, heuristics, emotions, and crowd psychology. The course examines the applications of these theories in corporate finance, personal finance, and investment management and suggests approaches in which financial managers and investors improve their intuitive and analytical decision-making skills. Prerequisites: PSY 200, FIN 330 and FIN 305 or FIN 450. Credit: 3
semester hours.

FIN 480: Finance Internship. Off-campus on-the-job employment related to the discipline of Finance. Prerequisite: junior or senior classification and consent of chairperson. Credit: 3 semester hours.

FIN 499: Independent Study in Finance. Research on and in-depth study of a particular topic or problem under the direction of a faculty member. Prerequisite: Senior classification and consent of chairperson. Credit: 3 semester hours.

FOODS AND NUTRITION

FNU 101: Introduction to Foods. 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). Credit: 3 semester hours.

FNU 104: Basic Nutrition. Principles of nutrition related to health; emphasis on understanding functions of nutrients and nutritional needs of people in health and disease conditions. Credit: 3 semester hours.

FNU 203: Nutrition and Health for the Growing Years. A study of nutrition education, formulation of eating habits, nutrition and health related problems, and concerns as related to growth cycles. Credit: 2 semester hours.

FRENCH

FRE 101: Elementary French I. An introductory French course with emphasis on elementary grammar, vocabulary building, reading and listening comprehension. Not for students with prior background in French. Prerequisite: ENG 101 or an ACT English sub-score of 18 and above. Credit: 3 semester hours.

FRE 102: Elementary French II. Continuation of FRE 101, with emphasis on listening, speaking, and reading with Laboratory work. Prerequisite: FRE 101. Credit: 3 semester hours.

FRE 201: Intermediate French I. Review of grammar with emphasis on communicative skills and cultural literacy with Laboratory work. Prerequisite: FRE 102. Credit: 3 semester hours.

FRE 202: Intermediate French II. Continuation of FRE 201 increasing stress on communicative skills and cultural literacy with Laboratory work. Prerequisite: FRE 201. Credit: 3 semester hours.

FRE 301: Survey of French Literature I. A survey of French literary creation from the earliest documents to 1700 with special emphasis on the classic drama of Corneille, Racine, and Moliere. Prerequisite: FRE 202. Credit: 3 semester hours.

FRE 302: Survey of French Literature II. 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. Prerequisite: FRE 202. Credit: 3 semester hours.

FRE 311: Advanced French Composition. Writing on topics of contemporary life, with analysis of style, sentence construction, and study of idiomatic expressions and special problems of French grammar. Prerequisite: FRE 202. Credit: 3 semester hours.

FRE 312: Advanced French Conversation. Intensive practice in the oral use of French through conversations on topics of interest. Prerequisite: FRE 202. Credit: 3 semester hours.

FRE 322: French Civilization. The study of modern French civilization since 1700 with emphasis on the life, culture, ideas, and institutions of the 20th century. Prerequisite: FRE 202. Credit: 3 semester hours.

FRE 375: French for International Studies I. Intensive development of communicative skills through the study of articles and audio-visual materials on current world affairs. Prerequisite: FRE 202 or equivalent or proficiency test. Credit: 3 semester hours.

FRE 376: French for International Studies II. Continuation of intensive development of communicative skills through the study of articles and audio-visual materials on current world affairs. Prerequisite: FRE 375 or equivalent. Credit: 3 semester hours.

FRE 413: Black Literature in French. 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. Prerequisite: FRE 202. Credit: 3 semester hours.

GEOGRAPHY

GEO 102: Principles of Geography. 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. Credit: 3 semester hours.

GEO 211: Geography of North America. A study of North America and Hawaii. Emphases are placed upon the natural resources and economic activities of inhabitants. Credit: 3 semester hours.

GEO 212: Geography of Africa. Survey of the African continent, its historical and physical backgrounds, climates, soils, vegetation, people, cultures, and current developments. Credit: 3 semester hours.

GERONTOLOGY

GNT 101: Introduction to Gerontology. 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. Credit: 3 semester hours.

GNT 102: Issues in Aging. 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. Credit: 3 semester hours.

GNT 201: Applied Social Gerontology. Designed for individuals who plan to work with the elderly in planning, development, and implementation of programs and policies. Credit: 3 semester hours.

GNT 301: Aging Issues, Policies, and Programs. 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. Prerequisite: GNT 101 or GNT 102. Credit: 3 semester hours.

GNT 400: Death and Dying. An examination of the anxieties, fears, and hopes of the dying; and the social, psychological, and economic implications of death. Credit: 3 semester hours.

GNT 401: Aging and Health. 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. Credit: 3 semester hours.

GNT 402: Minority Aging. An analysis of attitudes, values, and trends related to aging in the Black culture. Credit: 3 semester hours.

HOME ECONOMICS

HEC 304: Home Furnishings and Design. Planning and decorating the house consistent with one's taste and economical means. Trends in home furnishings, designs, and arrangements are covered. Credit: 3 semester hours.

HEC 308: Family Consumer Problems. An analysis of problems, policies, and issues relevant to today's consumer. Credit: 3 semester hours.

HEC 450: Seminar in Home Economics Education. Trends and interpretation of the role and function of the semiprofessional in home economics. Credit: 1 semester hour.

HEALTH EDUCATION

HED 107: First Aid and Safety. Designed to prepare students to provide immediate and temporary care in emergency situations, including accidents or sudden illnesses. Open to all students. Credit: 1 semester hour.

HED 221: Personal Health and Lifetime Fitness. An introduction to the beneficial effects of a positive healthy life-style and methods to implement and live such a lifestyle. Credit: 2 semester hours.

HED 222: Personal Health and Lifetime Fitness II. 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. Credit: 2 semester hours.

HED 223: Principles of Health Education. A study of the foundations and principles of health, including physical, mental, social, emotional, and environmental aspects of health. Prerequisite: HED 221. Credit: 3 semester hours.

HED 305: Safety Education. Focus on the rules and functions of health education in developing and maintaining a safe and healthful environment. Credit: 3 semester hours.

HED 321: Community Health. An analysis of current health problems from both school and community viewpoints. Credit: 3 semester hours.

HED 371/PUA 371: Introduction to Public Health. A survey course that develops an understanding and appreciation for factors affecting health status and its contribution to individual and community health. Credit: 3 semester hours.

HISTORY

HIS 101: World Civilization I. 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. Credit: 3 semester hours.

HIS 102: World Civilization II. A study of world civilizations from 1650 to the present with emphasis on political, social and economic development. Credit: 3 semester hours.

HIS 103: Western Civilization. A survey of social and intellectual development in the Western World from prehistory to the Reformation. Credit: 3 semester hours.

HIS 108: Introduction to African American History. A historical survey of the African American Experience from its origins in African culture to the present. Major themes include the African heritage, the middle passage, slavery, segregation, second class citizenship, survival skills, gender politics, and their impact on the enduring black community. Credit: 3 semester hours.

HIS 201: United States History to 1865. The political, economic, and social development of the United States from the Colonial period to 1865. Credit: 3 semester hours.

HIS 202: United States History Since 1865. The political, economic, and social development of the United States from 1865 to the present. Credit: 3 semester hours.

HIS 300: Problem Seminar. Problems encountered by professional historians in the utilization of primary historical sources. Prerequisites: HIS 102, HIS 201, and HIS 202. Credit: 3 semester hours.

HIS 314/AAS 314: African Americans in the United States. 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. Prerequisite(s): HIS 201 and HIS 202, or consent of instructor. Credit: 3 semester hours.

HIS 316: Recent United States History. A study of problems associated with the Great Depression, the New Deal, war and significant social change, major political developments, and achievements in space. Prerequisites: HIS 201 and HIS 202. Credit: 3 semester hours.

HIS 321: Constitutional History of the United States. An historical survey of the making of the Constitution and its interpretation through decisions of the United States Supreme Court. Prerequisites: HIS 201 and HIS 202. Credit: 3 semester hours.

HIS 331: Early Modern Europe. A survey of the political, intellectual, economic, and social development of Europe from 1450-1815. Credit: 3 semester hours.

HIS 332: Nineteenth Century Europe. Europe from the downfall of Napoleon (1815) to the outbreak of World War I (1914). Prerequisites: HIS 101 and HIS 102. Credit: 3 semester hours.

HIS 333: Twentieth Century Europe. The history of Europe from 1914 to the present. Particular attention is given to the impact of World War I upon European society. Prerequisites: HIS 101 and HIS 102. Credit: 3 semester hours.

HIS 341: British History I. A survey of English history from pre-Roman times to the close of the Glorious Revolution (1689), with emphasis upon constitutional and legal developments. Prerequisites: HIS 101 and HIS 102. Credit: 3 semester hours.

HIS 342: British History II. 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. Prerequisites: HIS 101 and HIS 102. Credit: 3 semester hours.

HIS 350: Kentucky History. A social, economic, and political history of Kentucky. In addition, the course will examine Kentucky's contributions to national politics. Prerequisites: HIS 201 and HIS 202. Credit: 3 semester hours.

HIS 362: Latinx American History. 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. Prerequisites: HIS 101, HIS 102, HIS 201, and HIS 202. Credit: 3 semester hours.

HIS 364: Medieval Culture. A survey of European history from 500 to 1500, with strong emphasis on cultural achievements of the period. Prerequisites: HIS 101 and HIS 102. Credit: 3 semester hours.

HIS 365/AAS 365: African History to 1870. A survey tracing the earliest beginnings of man in Africa and the development of sub-and trans-Saharan civilizations. Prerequisites: HIS 101 and HIS 102. Credit: 3 semester hours.

HIS 366/AAS 366: African History from 1870. The creation and development of European colonial empires in Africa and the subsequent rise of independent African states. Prerequisites: HIS 101 and HIS 102. Credit: 3 semester hours.

HIS 408: History of African American Education. This survey course is designed to enhance students' knowledge about the evolution of African American education in a historical context, especially as it relates to the dynamics of race, class, and culture in the United States from slavery to present. Prerequisite: HIS 108. Credit: 3 semester hours.

HIS 411/AAS 411: African Americans in the Twentieth Century. A thorough study of the contributions of African Americans to American culture and their struggle for full citizenship in the United States. Prerequisites: HIS 201 and HIS 202. Credit: 3 semester hours.

HIS 421: Southern History. The economic, social, political, and cultural life of the southern states from colonial times to the present. Prerequisites: HIS 201 and HIS 202. Credit: 3 semester hours.

HIS 424: Diplomatic History of the United States. A survey of America's diplomatic relations with the major world powers since the founding of the Republic. Prerequisites: HIS 201 and HIS 202. Credit: 3 semester hours.

HIS 461: The History of East Asia. A cultural and political survey of the history of China and Japan, with emphasis on their changing relationships with the rest of the world. Prerequisites: HIS 101 and HIS 102. Credit: 3 semester hours.

HIS 499: Senior Colloquium. Prerequisites: Senior classification. This course is designed to develop analytical skills, interpretation and research; and to nurture intellectual self-reliance and critical thinking.

HONORS CORE

HON 101: Seminar I: Global Perspectives. Introduction to the intersectionality of people, markets, ideas and cultures via an interdisciplinary survey of World History, Geography, and Cultural Studies. Credit: 4 semester hours.

HON 102: Seminar II: Ethical Global Leadership. Philosophical examination of morality, virtue, and vice versa. Examination of theories of justice, ethical leadership types, and analysis of comparative governing structures with focus on ethical behavior. Credit: 4 semester hours.

HON 103: Honors University Orientation. This course is designed to help honors 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. Credit: 1 semester hour.

HON 121: Critical Literary Theory & Composition. Introduction to critical writing and interpretive reading via the analysis of a variety of tests from various historical periods and genres. Credit: 3 semester hours.

HON 122: Aesthetics & the Art of Intellectual Criticism. Introduction to the challenges and processes of aesthetic and criticism utilizing exemplars from various cultures and disciplines of creative expression. Prerequisite: Admission into the Honors Academy. Credit: 3 semester hours.

HON 131: Beginning Classical Greek I. Study of grammatical structure and translation of selections from Greek authors. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-honors students. Credit: 3 semester hours.

HON 132: Beginning Classical Greek II. Prerequisite: HON 131. Continuation of the work of HON 131, further developing translation skills. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-honors students. Credit: 3 semester hours.

HON 141: Language I: Nature and Principles of Language 1. Study of Grammatik structure and translation of selections from Latin authors. Consideration of the nature and philosophy of language. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-honors students. Credit: 3 semester hours.

HON 142: Language II: Nature and Principles of Language 2. Continuing study of the nature and principles of language by means of a serious study of Latin grammar, vocabulary, and more complex specimens of Latin literature. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-honors students. Prerequisite: HON 141. Credit: 3 semester hours.

HON 143: Writing Lab I. Study of the principles of good writing and practice in writing organized, coherent, thesis papers. Credit: 1 semester hour.

HON 144: Writing Lab II. Prerequisite: HON 143. Study of the principles of good writing and practice in writing organized, coherent, thesis papers. Credit: 1 semester hour.

HON 200: Great Ideas. This course will survey several of the world's greatest breakthroughs, inventions, concepts, and theories that have advanced the modern world. Credit: 3 semester hours.

HON 201: Seminar III: Readings in Human Rights: Origins and Practice. Examination of the origins and application of Human Rights (HR) construction in the Western World via the analysis of comparative HR theorists, supernatural organization, NGO's and civil society Prerequisite: HON 102 or consent of instructor. Credit: 4 semester hours.

HON 202: Seminar IV: Emergent Global Leadership. Advanced inquiry of the inter-sectionality of people, markets, ideas, and cultures via the use ofquantitative and qualitative analysis. This course services as an Intro to International Relations (IR), Critical Globalization Studies, and Macroeconomics. Prerequisite: HON 101 and HON 201 or consent of instructor. Credit: 4 semester hours.

HON 211: Language III: English Narrative and Dramatic Literature. 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. Credit: 3 semester hours.

HON 212: Language IV: English Lyric Poetry. The literary uses of language in lyric poetry from the English-speaking world. Attention is also given to advanced composition. Credit: 3 semester hours.

HON 213: Writing Lab III. Prerequisite: HON 144. The process, principles, and methods of writing a research paper. The required paper will be on a topic related to the student's major or professional goal. Credit: 1 semester hour.

HON 214: Writing Lab IV. Intermediate study of the principles of good writing, with particular attention to and practice in writing a research paper. Credit: 1 semester hour.

HON 221: Logic, Rhetoric and Debate. Examination of classic rhetorical and oratory arts and logic coupled with the current application of this liberal arts in contemporary political life and statecraft. Prerequisite: HON 121. Credit: 3 semester hours.

HON 222: Quantitative Reasoning and Problem Solving. This course is designed to develop and enhance skills related to interpreting, understanding, and using quantitative information in order to make judgments and draw appropriate conclusions based on numerical data while enhancing the ability to recognize the limits of such analysis as applied to society issues, conditions, and challenges. Credit: 3 semesterhours.

INTEGRATIVE STUDIES

IGS 200: Foundations of Culture. An exploration and comparison of ideas and values reflected in works from selected cultures of the ancient world. Prerequisite: ENG 101. Credit: 3 semester hours.

IGS 201: Global Cultural Traditions. An interdisciplinary exploration and comparison of the ideas and values reflected in the spiritual/belief systems of the pre-modern world as evidenced in indigenous traditions as well as the formation of

the Abrahamic, Dharmic, and Syncretist religions. Prerequisites: ENG 101 and IGS 200 or consent of director. Credit: 3 semester hours.

IGS 202: Special Topics. An interdisciplinary seminar for the analysis and discussion of special topics within disciplines of Arts, Culture and Humanities. Equivalent to IGS 201. Credit: 3 semester hours.

IGS 300: The Modern & Post-Modern World. An exploration and comparison of ideas and values reflected in the modern and post-modern world form selected cultures. Prerequisites: ENG 101 and IGS 201 or IGS 202 or consent of director. Credit: 3 semester hours.

IGS 301: Studies in African Cultures. A multicultural study of the major forces that shaped various African cultures in their social, artistic, historical, political, philosophical, and religious expressions. Prerequisites: ENG 101 and IGS 200 or consent of director. Credit: 3 semester hours.

IGS 302: Studies in Asian Cultures. A multicultural study of the major forces that shaped various Asian cultures in their social, artistic, historical, political, philosophical, and religious expressions. Prerequisites: ENG 101 and IGS 200 or consent of director. Credit: 3 semester hours.

IGS 303: Studies in Latin American Cultures. A multicultural study of the major forces that shaped various Latin American cultures in their social, artistic, historical, political, philosophical, and religious expressions. Prerequisites: ENG 101 and IGS 200 or consent of director. Credit: 3 semester hours.

IGS 304: The African American Experience. 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. Prerequisites: ENG 101 and IGS 200 or consent of director. Credit: 3 semester hours.

IGS 305: The Latino Experience. A study of both contributions which Latinos have made to U.S. society and ways that others have historically responded to them. Challenges confronting Latino/Hispanic immigrants in 21st century Kentucky are explored. Prerequisites: ENG 101 and IGS 200 or IGS 201 or IGS 300 or equivalent, or consent of instructor. Credit: 3 semester hours.

IGS 499: Senior Seminar. A senior-level seminar devoted to the exploration of an interdisciplinary theme. Topics will vary according to the instructor. Prerequisites: ENG 101 and IGS 200, or consent of director. Credit: 3 semester hours.

INDUSTRIAL TECHNOLOGY

INT 101: Engineering Drafting I. Fundamentals in blueprint reading, ANSI standards, symbolic canons, dimensioning rubrics and shape description techniques including orthographic projection, auxiliary views, sectional views, and pictorial projection will be covered in this course. Credit: 3 semester hours.

INT 102: Engineer Draft II. 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. Credit: 3 semester hours.

INT 104: Descriptive Geometry. 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. Credit: 3 semester hours.

INT 124: Basic Electricity DC/AC. Principles and measurement of direct current, voltage, resistance; alternating current, capacitance, inductance, impedance; and mathematical analysis of basic electricity covering Kirchoff, Thevenin, and Norton theorems. Credit: 3 semester hours.

INT 125: Residential Wiring. A study of the National Electrical Code relative to residential wiring local codes. Experience is gained through wiring circuits found in the modern house. Credit: 3 semester hours.

INT 126: Motors/Controls. Study of basic controls used today for AC motors. Ladder diagrams and practical circuits are drawn and wired. Credit: 3 semester hours.

INT 128: Solid State Devices. 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. Credit: 3 semester hours.

INT 129: Large Scale Integrated Circuits. Analysis of large-scale integrated circuits. (Lecture two hour; laboratory two hours). Prerequisite: INT 130. Credit: 3 semester hours.

INT 130: Digital Logic Circuits. A survey of logic circuits using Boolean algebra, truth tables, and binary numbering systems. Credit: 3 semester hours.

INT 136: Comp Hardware: Manage/Maint. The focus of this course involves emphasis on computer hardware that consumers of microcomputer systems might encounter. This course will guide students through the actual construction of a microcomputer system with in-depth discussions of each component and the various upgrade options. The use of peripheral devices such as fax, modem, printers, and scanners is also covered. The instructional methods employed in this class include lecture, class discussion, demonstration, and hands-on laboratory experience. Credit: 3 semester hours.

INT 137: Comp Op Sys Manage & Maint. This course is designed as a survey of operating system software. Students will study the basic concepts and procedures for installing and troubleshooting operating system software. An emphasis on extensive laboratory experience will ensure students practical expertise in addition to operating systems theory with DOS, Windows 9x; Windows NT, 2000, and XP; UNIX; Linux; OS/2; and Mac OS. The objectives of this course coincide with those needed in preparation for A+ software certification. Credit: 3 semester hours.

INT 202: Technical Illustration. Explores ways of converting orthographic projections into perspective and pictorial expressions. Emphasizes oblique, isometric, dimetric, trimetric, exploded view, and rendering of projections for publications. Credit: 3 semester hours.

INT 203: Civil Drafting. 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. Credit: 3 semester hours.

INT 208: Comp Aid Draft I. 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. Credit: 3 semester hours.

INT 210: Comp Aid Draft II. 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. Credit: 3 semester hours.

INT 212: CAD 3D. 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. Credit: 3 semester hours.

INT 215: Modeling & Animation I. 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. Credit: 3 semester hours.

INT 225: Regulators, Oscillators, and Linear Devices. Study, through theory and application, of regulators, oscillators, thyristors, DA's, Op Amps, and linear devices. Credit: 3 semester hours.

INT 226/CIT 226: Microprocessor Architecture. 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). Prerequisite: INT 129. Credit: 3 semester hours.

INT 227: Elec Logic Microproc. 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. Credit: 3 semester hours.

INT 229: Programmable Logic Controllers. 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. Credit: 3 semester hours.

INT 230: Data Communications Tech. Prerequisite: INT 226. A study of data communications hard-ware including synchronous and asynchronous communications. Credit: 3 semester hours.

INT 231/CIT 231: Peripheral Control Structures. 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. Prerequisite: INT 226. Credit: 3 semester hours.

INT 232: Intro to Net./Operat Systems. Prerequisite: INT 230. This course involves the installation, configuration, management, and trouble-shooting of network operating systems, accounts, data storage, remote access, and security. Credit: 3 semester hours.

INT 235: Modeling & Animation II. 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. Credit: 3 semester hours.

INT 240: Ind Elec/Robotics I Prerequisite: INT 128. A survey of DC/AC motors and controls, power distribution systems, programmable logic control, and non-servo systems. Credit: 3 semester hours.

INT 245: Biomedical Techn. Equip I. 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. Credit: 3 semester hours.

INT 246: Biomedical Techn. Equip II. 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. Credit: 3 semester hours.

INT 248: Robotics I. Survey of automated manufacturing with emphasis on involvement of robots, including history, development, and socio/eco-nomic implications. Introduction to robot operations and applications. Credit: 3 semester hours.

INT 250: Robotics II. 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/equip-ment, computer control, computer assisted manufacturing and system integration. Credit: 3 semester hours.

INT 255: Multimedia Production. 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. Credit: 3 semester hours.

INT 280: Internet Develop Technologies. Prerequisites: COS 100 or consent of instructor. This course involves the in-depth study of Web development concept and techniques, the latest versions of the most commonly used languages and technologies on the market, exploration of the advancement of Web design, in addition to problem-solving and critical thinking skills. Credit: 3 semester hours.

INT 290: Industrial Technology Capstone.* Students participate on a design team working on a realistic problem; design education process is guided by the design method approach. Students are encouraged to integrate diverse elements of course work into a coherent conception of their major. Prerequisite: Students to be enrolled in their last semester of course work or consent of instructor. Credit: 3 semester hours.

INT 299: Industrial Technology Internship. 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.) Prerequisite: Student to be enrolled in their last semester of course work or consent of instructor. Credit: 3 semester hours.

ITALIAN

ITA 101: Elementary Italian I. 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) Grade of "C" or better in ENG 099 or ACT sub-score of 19 on English. Credit: 3 semester hours.

ITA 102: Elementary Italian II. 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) Prerequisite: ITA 101. Credit: 3 semester hours.

JOURNALISM

JOU 201: Media Literacy. The course focuses on analyzing and discerning content found in traditional and digital media. Credit: 3 semester hours.

JOU 202: Multimedia Journalism. Course introduces students to visual storytelling and multimedia content creation and distribution. Credit: 3 semester hours.

JOU 204: Journalism I. Practical work in gathering, organizing, and writing news. Objectives will include producing well-written news, features, and editorials for publication. Prerequisite: ENG 102 or consent of instructor. Credit: 3 semester hours.

JOU 205: Introduction to Sports Communication. Introductory course for students interested in sports communications. Prerequisite: ENG 102. Credit: 3 semester hours.

JOU 206: Audio Production. A study of audio production techniques and the use of audio boards, microphones, tape decks, cartridge tapes, and the recording and editing of tapes. Prerequisite: JOU 204. Credit: 3 semester hours.

JOU 210: Introduction to Mass Communication. 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. Credit: 3 semester hours.

JOU 215: Mass Communication and Society. An introduction to mass communication concepts, theory, and innovations, which includes study of the societal impact of mass media. Prerequisite: SPE 103. Credit: 3 semester hours.

JOU 225: Radio Production/Programming. Provides experience in radio production and operating practices, relationship of these experiences to the commercial, educational, and aesthetic requirements of the broadcasting industry. Prerequisite: JOU 206. Credit: 3 semester hours.

JOU 250: Race, Class, and Gender in the Media. This course will examine depictions of race, class, and gender through the lens of the media. Media is one of our society's most influential and pervasive structures. Student will apply critical theory approaches to TV, film, magazine, music, and advertising to examine how stereotypes are created, facilitated, andchallenged via the media. Credit: 3 semester hours.

JOU 251: Evolution of Journalism. This course will examine the evolution of journalism from its origins to the present digital age. A combination of theoretical concepts and projects will help students explore Journalism's importance to democracy, education, and entertainment. Credit: 3 semester hours.

JOU 252: African American Media. This course offers students an in-depth examination of African American media from early newspapers to present digital outlets. Students will explore persuasive strategies used by African American media to depict images of race and class in society. Credit: 3 semester hours.

JOU 253: The Media in Film. An exploration of the media world (including journalism, public relations, and advertising) depicted through a rotating selection of films and television. This course will begin by examining theories used in the scholarly analysis of film. A mixed analysis of form, style, technique, audience, and authorship will be used to assess how realistically the industry is portrayed through film. Credit: 3 semester hours.

JOU 302: Student Media Workshop I. This course provides instruction in the editing, layout and design of print, web, and multimedia publications through work on student media (such as the newspaper, The Thorobred News, or the TV

program, "KSU Kick down). Students work as reporters, editors, photographers, videographers, and graphic designer for campus media productions. Prerequisite: JOU 371 or consent of instructor. Credit: 3 semester hours.

JOU 305: Communication Law and Ethics. An overview of legal concepts for media professionals. Concepts include the First Amendment and constitutional rights, freedom of the press, libel, privacy, copyright, broadcast regulation, and obscenity. Ethical principles will be examined through real-world case studies. Prerequisites: JOU 204. Credit: 3 semester hours.

JOU 308: Media Advertising and Sales. An introduction to the fundamentals of measuring, buying, and selling advertising space. This course will also cover techniques for selling commercials in a range of media, including print, broadcast, digital, and outdoor formats. Includes the basics of message design, market analysis, and demographic targeting. Prerequisites: JOU 225 or JOU 366. Credit: 3 semester hours.

JOU 322: Introduction to Digital Photojournalism. This is an introductory course in photojournalism utilizing digital cameras and production in a Macintosh environment. Credit: 3 semester hours.

JOU 333: Radio-Television News and Special Programs. Writing news for electronic dissemination. Students learn how to gather, write, and visualize news for radio or television. Prerequisite: JOU 225. Credit: 3 semester hours.

JOU 361: Journalism II. 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. Prerequisite: JOU 204. Credit: 3 semester hours.

JOU 362: The Editor's Desk. Practice in evaluating the quality and effectiveness of a news story, editing news copy for correct grammar and Associated Press style and understanding and implementing best practices regarding media law and journalistic ethics. Prerequisites: JOU 204 or consent of instructor. Credit: 3 semester hours.

JOU 363: Magazine and Features Writing. This course provides instruction and practical experience in researching, writing, and marketing feature articles for print or online magazine publication. Prerequisite: JOU 204 or instructor's permission. Credit: 3 semester hours.

JOU 364: Visual Design. 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. Prerequisites: JOU 204 or consent of instructor. Credit: 3 semester hours.

JOU 365: Public Affairs Reporting. Intense study of and reporting about public agencies, specifically local, state, and federal governmental agencies. Prerequisite: JOU 204. Credit: 3 semester hours.

JOU 366: Seminar in Public Relations. Intense study of the principles and practices of public relations and of communication law and ethics relevant to public relations practice. Prerequisites: JOU 204 or instructor's permission. Credit: 3 semester hours.

JOU 367: Video Production. An introduction to broadcast journalism and the non-broadcast video production industries. Student use basic news gathering techniques to capture and edit video content into a cohesive story that follows a written script. Focus is on field production and basic video editing to create Public Service Announcements (PSAs), commercials and short form news and feature stories. Prerequisite: JOU 204 or instructor's consent. Credit: 3 semester hours.

JOU 368: Community Journalism. Study of local news media, their unique service function, and the particular economic and community issues facing their audiences. Prerequisite: JOU 204. Credit: 3 semester hours.

JOU 370: Public Relations Campaigns. Study of PR case studies leading to practical experience in a real PR campaign for a rural, corporate or non-profit environment. Prerequisite: JOU 366 or instructor's consent. Credit: 3 semester hours.

JOU 371: Public Events Planning. Study of cases leading to the development of a special event for an organization associated with rural, corporate or non- profit environment. Prerequisite: JOU 366 or instructor's consent. Credit: 3 semester hours.

JOU 372: Video Production II. Advanced course for broadcast journalism (television and radio) and non-broadcast video production. Course builds upon JOU 367 and expands hands-on training to include multi-camera field and in-studio productions. Prerequisite: JOU 367. Credit: 3 semester hours.

JOU 373: Broadcast Announcing. This course provides hands-on instruction in writing and reading scripts for television and radio. Students are exposed to different types of broadcast announcing including anchoring for news, music and video, and play-by-play sports announcing. Prerequisite: JOU 367 or SPE 200. Credit: 3 semester hours.

JOU 375: Advertising Seminar. An in-depth exploration of advertising across various media platforms, including print broadcast, outdoor, and online (including social media). Students will get hands-on practice in the agency/production side of advertising theory, using creative practices to design strategies messages. In addition, historical, social and ethical dimensions of advertising will be explored. Prerequisite: JOU 204 or consent of instructor. Credit: 3 semester hours.

JOU 400: Radio-Television Audiences and Programming. Provides opportunities for the student to become familiar with the techniques of creating programs, program schedules, demographicanalyses, and policies and procedures of station operation. Prerequisite: JOU 225. Credit: 3 semester hours.

JOU 401: Special Topics in Print Journalism. In-depth study and practice in specialty fields of journalism. Regularly rotating topics to include Agricultural Journalism, Environmental Reporting, and Covering Culture and the Arts. Prerequisites: JOU 204 or consent of instructor. Credit: 3 semester hours.

JOU 402: Student Media Workshop II. This course provides advanced instruction and experience in the editing, layout, and design of print and web publications through work on the student newspaper, Thorobred News. Students are expected to take leadership roles on the newspaper staff as reporters, editors, photographers, and graphic designers and in training newer staff members in the basics of newspaper production. Prerequisite: JOU 302 or consent of instructor. Credit: 3 semester hours.

JOU 422: Advanced Digital Photojournalism. This is an advanced course in photojournalism utilizing digital cameras and production in a Macintosh environment. This course will examine the current state of photojournalism including industry trends, noteworthy photojournalists, and emerging technology. Prerequisite: JOU 322. Credit: 3 semester hours.

JOU 425: Communication Research Methods. This course is an introduction to the foundational concepts, theories, methods, and instruments used in communication research. This course will cover both quantitative and qualitative methodologies used in social science research. Project presentation and results analysis will also be studies to prepare students for communicating and interpreting results. Prerequisite: MAT 111 or higher. Credit: 3 semester hours. JOU

JOU 434: Practicum in Journalism. Work as a reporter editor in a supervised role at a news media organization; 100 total work hours for 3 semester hour credits. Prerequisites: JOU 362 or consent of instructor, and junior standing (60 earned credit hours). Credit: 3 semester hours.

JOU 435: Practicum in Broadcast Journalism. Work as a reporter in a supervised role at a television or radio station; 100 total work hours for 3 semester hour credits. Prerequisites: JOU 367 or consent of instructor, and junior standing (60 earned credit hours)/ Credit: 3 semester hours.

JOU 436: Practicum in Public Relations. Work as a PR practitioner in a supervised role in a public relations environment;100 total work hours for 3 semester credit hours. Prerequisites: JOU 365 or instructor's consent, and junior standing (60 earned credit hours). Credit: 3 semester hours.

JAPANESE

JPN 171: Conversational Japanese I. An introductory course with emphasis on the everyday spoken language, and some writing. Credit: 3 semester hours.

JPN 172: Conversational Japanese II. Continuation of JPN 171 with emphasis on pronunciation, grammar, vocabulary, listening, oral expression, and some writing. Prerequisite: JPN 171 or consent of instructor. Credit: 3 semester hours.

KOREAN

KOR 171: Introduction to Korean Culture and Language. An introductory study of Korean culture with an emphasis on the basics of HanGul (the Korean language alphabet). Prerequisite: KOR 171 or consent of instructor. Credit: 3 semester hours.

KOR 172: Korean Languages II. Continuation of KOR 171 to reinforce the basic foundation of the Korean language with emphasis on developing writing, reading and conversational skills. Prerequisite: KOR 171 or consent of instructor. Credit: 3 semester hours.

KSU

KSU 101: Bred Training. This course is designed to assist students in making a smooth academic and social transition to University life. Through guided experiences, students will begin the self-exploration process while working towards creating a college mindset. An emphasis is place on exposing students to campus resources, KSU History, and fostering academic success. A service learning component is also required. For new students or students with less than 30 transfer hours. Credit: 1 semester hour.

KSU 102: Bred Building. This course builds on the KSU 101 seminar by deeply examining personal development. KSU 102 course deliberately aids students through the process of critical thinking, academic and career exploration, faculty/staff engagement and leadership development. Upon completion of this course students will be able to identity and narrow their academic and career choices. A service-learning component is also required. All students must take this course as a graduation requirement. This course is credit bearing. To enroll, student must have completed less than 30 credit hours. Credit: 1 semester hour.

KSU 118: Introduction to University Learning. This course is an introduction to the college experience and the opportunity to explore the skills and expectations necessary at the college level. In alignment with the student learning outcomes, students will explore the psychology of success, adapt to effective learning behaviors, and

understand the science of learning. This course provides a learning opportunity for the student which includes communication skills, critical reasoning, problem solving, study skills, time management, and goalsetting. The content of the course is designed to help students in becoming more independent learners in order that they can make the most of their educational opportunities. Additionally, the course will expose students to the history, numerous resources, and services available at Kentucky State University. Students will learn how to enhance their current study skills toward developing a foundation for life-long learning and career development. Credit: 3 semester hours.

KSU 186: Navigate the Tech World. Analysis of how technology has transformed the interconnected, global contemporary world and examination of future implications of technology in several disciplines and career fields. Credit: 3 semester hours.

KSU 201: Bred for Lead. This course is designed to provide students with opportunities to become engaged with student organizations. Through the use of various assessments, students will begin to discover their leadership styles. Topics covered include cultural competency, increasing student self-sufficiency, and aligning skills, talents & interests with selecting a career. Upon completing this course, students will serve as mentors for first-year students. A service-learning component is also required. To enroll, must have completed 30 credit hours or be classified as a sophomore. Credit: 1 semester hour.

KSU 301: Bred Winner. This course is designed to strengthen skills in subject areas that are particularly relevant to gaining admission to and succeeding in graduate degree or professional programs. This course will also benefit students that plan to enter their career field immediately following college. Students will develop resumes, create personal statements, and receive tips for graduate admissions exams. A civic engagement component is also required. To enroll, must have completed at least 60 credit hours or be classified as a junior. Credit: 1 semester hour.

KSU 401: Bred for Life. This course prepares students for life post-graduation. Students will discover what it means to be an engaged alumni member, construct a plan that will assist in the career search, and develop a plan for future financial freedom such as completing exit counseling, load repayment and transitioning to independent living. A civic engagement component is also required. To enroll, must have completed at least 90 credit hours or be classified as a senior. Credit: 1 semester hour.

LIBERAL STUDIES – HONORS

LST 241: Intermediate Classical Greek I. Reading and translation of authors such as Plato, Xenophon, and Demosthenes. Open to non-honors students. Prerequisites: HON 132 or consent of instructor. Credit: 3 semester hours.

LST 242: Intermediate Classical Greek II. Reading and translation of a play by Sophocles or Euripides. Open to non-honors students. Prerequisites: LST 241 or consent of instructor. Credit: 3 semester hours.

LST 251: Intermediate Latin I. Reading and translation of literature in Latin. Open to non-honors students. Prerequisites: HON 142 or the equivalent. Credit: 3 semester hours.

LST 252: Intermediate Latin II. Continued close reading and translation of literature in Latin. Open to non- honors students. Prerequisite: LST 251 or the equivalent. Credit: 3 semester hours.

LST 301: Seminar in Ethics and Leadership. Seminar on the great books of the past as well as on contemporary literature pertaining to questions of ethics and leadership. Open to non-honors students. Credit: 4 semester hours.

LST 302: Seminar in Science, Religion, and Ethics. 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-honors students. Credit: 4 semester hours.

LST 311: The Uses of Language. Classical and contemporary rhetoric: The study of how language is used for practical purposes, especially argument and persuasion. Open to non-honors students. Credit: 3 semester hours.

LST 319: Study Abroad. This course is designed for students enrolled liberal studies courses and international minor students to receive credit for an upper level course taught through a KSU faculty-led or an accredited study abroad program. Prerequisite: Consent of instructor. Credit: 3 semester hours.

LST 331: Preceptorial I. 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-honors students. Credit: 3 semester hours.

LST 332: Preceptorial II. 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-honors students. Credit: 3 semester hours.

LST 341 Preparing for the Senior Essay. Intensive study of the process of finding a topic, developing a thesis, and planning an extended essay. Intended as appropriate preparation for LST 441 (Senior Essay). Requirements include a formal essay proposal. Prerequisites: junior standing or permission of instructor. Credit: 1 semester hour.

LST 351: Great Lives. 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- honors students. Credit: 3 semester hours.

LST 352: Comparative Cultures. 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-honors students. Credit: 3 semester hours.

LST 401: Seminar in Philosophy and Literature. Seminar on the great books of philosophy and literature. Open to non-honors students. Credit: 4 semester hours.

LST 421: Issues in the Human Sciences. 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- honors students. Credit: 3 semester hours.

LST 431: Preceptorial III. 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-honors students. Credit: 3 semester hours.

LST 432: Preceptorial IV. 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-honors students. Credit: 3 semester hours.

LST 441: Senior Essay.* 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. Credit: 3 semester hours.

LST 491: Guided Leadership Studies. 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. Prerequisites: Liberal Studies major or minor or International Studies minor and consent of instructor. Credit: 3 semester hours.

MATHEMATICS

MAT 101: Algebraic Concepts. This course develops algebraic skills through the use of data collection, hands-on manipulatives, and application of algebraic concepts with embedded study skills. Topics include the properties of equality; linear equalities and inequalities, with applications; graphing (linear, quadratic, and exponential growth models), including data collection; rigorous quantitative and qualitative analysis of quadratic functions; and appropriate applications. This course serves as a prerequisite for students whose intended major requires them to complete MAT 115. Prerequisite: sub scores on ACT/SAT,15-18/350-450. Credit: 3 semester hours.

MAT 111: Contemporary Mathematics. 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. The prerequisite material required for each topic will be covered with the topic. Credit: 3 semester hours.

MAT 115: College Algebra. This course develops the algebraic skills necessary for further studies in mathematics. Topics include the algebra of functions; graphing techniques; quantitative and qualitative analysis of polynomial, rational, exponential and logarithmic functions, including limits at infinity and infinite limits; and appropriate applications. Prerequisite: Successful completion ofan Intermediate Algebra course with a grade of C or higher, an ACT math sub-score of 22 (or higher), SAT math sub-score of 510 (or higher), a KYOTE College Algebra Placement score of 14 (or higher), or COMPASS score of 50 (or higher). Credit: 3 semester hours.

MAT 115A: Accelerated College Algebra. This course is designed to be an efficient combination of Intermediate Algebra and College Algebra. Topics include manipulation of monomials, polynomials, rational and radical expressions; solving equations and inequalities, including linear, rational, quadratic, absolute value, exponential a logarithmic; developing problem solving techniques; and introduction to functions, variation, the algebra of functions and their graphs; study of properties and graphs of polynomial and rational functions, including use of a graphing calculator and regression analysis; reading/interpreting graphs of function and applications. Prerequisite: A grade of C or better in MAT 101, An ACT math sub score of 19 (or better), or an SAT math sub score of 460 (or better), or a KYOTE College Readiness placement score of 22 (or better). Credit: 4 semester hours.

MAT 120: Precalculus. Review of polynomial, rational, exponential, and logarithmic functions, their graphs, and inverses; trigonometric identities, functions and their inverses; complex numbers; vectors; linear systems of equations, and polar coordinates. Prerequisite: MAT 115 or MAT 176 with grade of C or higher or appropriate scores on ACT, SAT, or placement test. Credit: 4 semester hours.

MAT 125: Business Calculus and Matrices. This course covers matrices, Gauss-Jordan reductions, systems of linear equations, and an introduction to differential and integral calculus. A variety of business applications are included. Prerequisite: MAT 115 or MAT 176 or appropriate scores on ACT, SAT, or placement test. Credit: 3 semester hours.

MAT 131: Calculus and Analytic Geometry I. Review of functions; limits of functions; derivatives and definite integrals of algebraic and transcendental functions; indeterminate forms; applications of the derivative and integral; the fundamental theorem of calculus. Prerequisite: MAT 120 or appropriate scores on ACT, SAT, or placement test. Credit: 5 semester hours.

MAT 132: Calculus and Analytic Geometry II. Review of the fundamental theorem of calculus; properties of definite and indefinite integrals; applications of the definite integral; techniques of integration; improper integrals; definite integral approximation with error bounds; infinite sequences and series; Taylor polynomial approximation; parametric equations and polar coordinates. Prerequisite: MAT 131. Credit: 5 semester hours.

MAT 171: Algebraic Concepts This is a 3-credit course consisting of three hours of regular classroom contact taught by mathematics faulty and 2 hours of supplemental math studio contact guide by ACE instructional counsellors in coordination with the faculty responsible for the course. This course develops algebraic skills through the use of data collection, hands-on manipulatives, and application of algebraic concepts with embedded study skills. Topics include the properties of equality; linear equalities and inequalities, with applications; graphing (linear, quadratic, and exponential growth models), including data collection; rigorous quantitative and qualitative analysis of quadratic functions; and appropriate applications. This course serves as a prerequisite for students whose intended major requires them to complete MAT115/176. Prerequisite: MAT 095 with a grade of C or better or appropriate sores on ACT, SAT, or mathematics placement test. CREDIT: 3 SEMESTER HOURS.

MAT 172: Accelerated Contemp. Math. "This course develops problem-solving and mathematical skills through a sequence of applied topics. Topics include mathematical finance, probability and statistics, and linear and quadratic growth models. The beginning algebra required for each topic will be covered with the topic. Prerequisite: MAT 095 with grade of C or better or appropriate scores on ACT, SAT, or mathematics placement test. CREDIT: 3 SEMESTER HOURS.

MAT 176: Accelerated College Algebra. This course is designed to be an efficient combination of Intermediate Algebra and College Algebra. Topics include manipulation of monomials, polynomials, rational and radical expressions; solving equations and inequalities, including linear, rational, quadratic, absolute value, exponential logarithmic; developing problem solving techniques; and introduction to functions, variation, the algebra of functions and their graphs; study of properties and graphs of polynomial and rational functions, including use of a graphing calculator and regression analysis; reading/interpreting graphs of function and applications. Prerequisite: An ACT math subscore of 19 (or better), or an SAT math subscore of 400 (or better), or a grade of C or better in MAT 096, or a KYOTE College Readiness placement score of 22 (or better). CREDIT: 4 SEMESTER HOURS.

MAT 200: Introduction to Statistical Reasoning and Analysis. This course consists of three hours of regular classroom contact taught by Mathematics faculty and a 1 hour career application laboratory. Topics will include sampling techniques, data measurement and classification, measures of central tendency, representation and communication of statistical information symbolically, visually, and numerically, probability, evaluation and assessment of different statistical models such as normal distributions, linear regression, confidence intervals, and one sample hypothesis testing. Prerequisite: Appropriate scores on ACT, SAT, COMPASS, and KYOTE. Credits: 4 semester hours.

MAT 203: Mathematics for Elementary Teachers I. This is the first course in a two-semester sequence designed to meet the needs of elementary school teachers. Topics include sets, whole numbers, numeration systems, bases, elementary number theory, fractions, decimals, real numbers. Problem solving, applications and historical topics are discussed throughout the course. Prerequisite: grade of C or better in MAT 115/176.Credit: 4 semester hours.

MAT 204: Mathematics for Elementary Teachers II. Continuation of MAT 203. Topics include ratio and proportion, probability, statistics, geometry, and measurement. Prerequisite: A grade of C or better in MAT 115 or MAT 176. Credit: 4 semester hours.

MAT 231: Multivariate Calculus. 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. Prerequisite: MAT 132. Credit: 3 semester hours.

MAT 232: Differential Equations. The study of first- order equations, linear equations, the Laplace transform, Picard's existence theorems, and systems of equations.
Prerequisite: MAT 132. Credit: 3 semester hours.

MAT 300: Introduction to Advanced Mathematics. 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. Prerequisite: MAT 132 or consent of instructor. Credit: 3 semester hours.

MAT 304: Perspective on Mathematics. Survey of the history and opportunities of mathematics, together with cultural ramifications, methods, and connections among various branches. Prerequisite: MAT 131. Credit: 3 semester hours.

MAT 307: Linear Algebra. Coordinates, vectors, vector spaces, subspaces, Euclidean n-space, determinants, linear trans-formations, linear transformations and matrices, bilinear and quadratic forms are studied. Prerequisite: MAT 132 or consent of instructor. Credit: 3 semester hours.

MAT 312: Mathematical Programming. This course is an introduction to modern operations research. Modeling, theory, applications of linear and integer programming, and problems concerning scheduling, inventory and networks are studied. Prerequisites: MAT 125 or MAT 307. Credit: 3 semester hours.

MAT 315: Numerical Analysis. Techniques of numerical approximation in analysis and algebra. Prerequisite: MAT 231. Credit: 3 semester hours.

MAT 321: Probability and Statistics I. Measures of central tendency and dispersion, basic probability theory, Bayes Theorem, discrete and continuous univariate probability distributions, moments, random variables, sampling theory, estimation, hypothesis testing. Prerequisite: MAT 132. Credit: 3 semester hours.

MAT 322: Probability and Statistics II. Multivariate distributions, joint and conditional distributions, moments, variance and covariance, functions of several random variables, correlation and regression, chi-square tests, analysis of variance. Prerequisite: MAT 321. Credit: 3 semester hours.

MAT 326: Modern Geometry. This course includes study of axiom systems; Euclidean and Non-Euclidean Geometries; affine, spherical, projective and vector geometries. Prerequisite: MAT 300. Credit: 3 semester hours.

MAT 333: Complex Variables. This course is focused on the techniques and applications of the complex number system. Topics include Euler's formula, analytic functions, and the method of residues. Prerequisite: MAT 231 or consent of instructor. Credit: 3 semester hours.

MAT 399/PHY 399/BIO 399/CHE 399/COS 399: Undergraduate Teaching Experience. Students earn course credit for undergraduate teaching experience including but not limited to (1) assisting students during laboratory sessions, (2)

helping to set up laboratories or lecture/lab quizzes, or (3) conducting PLTL-Excel type workshops for students. Course may be repeated for credit. Prerequisite: Consent of instructor. Credit: 1 semester hour.

MAT 401: Modern Algebra I. Operations, permutations, groups, isomorphisms, quotient groups, Sylow's theorems, and applications are discussed. Prerequisite: MAT 300. Credit: 3 semester hours.

MAT 402: Modern Algebra II. Continuation of MAT 401. Rings, integral domains, quotient rings and ideals, extension fields, and vector spaces are studied. Prerequisite: MAT 401. Credit: 3 semester hours.

MAT 403: Real Analysis I. Real numbers and Euclidean space, continuous functions, differentiable functions of one and several variables, and the Riemann integral are studied. Prerequisites: MAT 231 and MAT 300. Credit: 3 semester hours.

MAT 404: Real Analysis II. Classical Lebesque integral, power series, curves, surfaces, integral theorem, divergence, and theorems of Green and Stokes are discussed. Some applications are examined. Prerequisite: MAT 403. Credit: 3 semester hours.

MAT 411: Topology. Topological spaces, metric spaces, separation axioms, connectedness, compactness, continuity, product and quotient spaces. Prerequisite: MAT 300. Credit: 3 semester hours.

MAT 415: Elementary Dynamical Systems. Time evolution of various physical and/or biological systems and asymptotic behavior of orbits in phase space are studied with various mathematical techniques. Prerequisite: MAT 232. Credit: 3 semester hours.

MAT 460: Mathematics Seminar.* An integrated overview of the mathematics curriculum. Each student will be required to prepare and present an independent investigation of topics of personal/professional interest. May be repeated once for credit. Prerequisite: Senior standing in mathematics. Credit: 3 semester hours.

MAT 470: Mathematical Modeling. 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. Prerequisite: Consent of instructor. Credit: 3 semester hours.

MAT 495: Topics in Mathematics. This course requires intensive examination of a mathematical topic chosen by a faculty member in Mathematics. This course will involve intensive reading, presentation, and discussion, as well as writing. May be repeated for credit. Prerequisite: Consent of instructor. Credit: 3 semester hours.

MAT 497: Contemporary Topics in Math. An exploration of contemporary topics in business management. May be repeated for credit for different topics (maximum of 9 credit hours). Examples of topics include lean, green, and sigma, global competitiveness, sustainable business practice, team management, leadership or other current issues.

MATHEMATICS AND SCIENCES

MSC 111: Math & Sciences Excel Laboratory. Peer- lead team learning approach to intensive interdisciplinary problem solving. (two hours of laboratory per week) Graded Pass/Fail. 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. Credit: 1 semester hour.

MSC 200: STEM+ Leadership Seminar. Through the use of various assessments, and exposure to STEM career professionals, students will develop and demonstrate and assess 21st century career competencies of leadership, collaboration, problem solving, cultural competency, increasing active learning and student self-sufficiency. In addition students will research career interest, interact with STEM+ professionals, assess aptitude, and align skills, talents and interests. A service-learning component is also required. The topics covered will include a wide variety of academic and career resources to help students meet their academic, social, and personal needs. To enroll, student must have completed at least
30 credit hours or be classified as a sophomore. Prerequisite: KSU 101. Credit: 3 semester hours.

MSC 371: Introduction to Research I. This course teaches students the skills that are required for performing scientific research. Credit: 1 semester hour.

MSC 372: Introduction to Research II. This course teaches students the skills that are required for performing scientific research. Credit: 1 semester hour.

MANAGEMENT

MGT 301: Principles of Management. Fundamental principles underlying the management of business enterprises, based on planning, organizing, supervising, and controlling various functional activities. Prerequisites: ACC 201, BUA 204 and ECO 201, all with grades of C or better. Credit: 3 semester hours.

MGT 352: Supply Chain Management. An examination of 21st century supply chain management, strategic logistics, logistics partnering, integrated logistics systems, and materials sourcing. Prerequisite: MGT 301. Credit: 3 semester hours.

MGT 355: Production Management. A practical tutorial on the effective management of factors of production, design and delivery of goods and services. Topics include design paradigms, materials selection models, production design and management, lean, end-of-life strategies and quality strategies and standards. Prerequisites: MGT 301. Credit: 3 semester hours.

MGT 433: Human Resources Management. An examination of strategic human capital advantage. Topics include: job analyses, job design, recruitment, training and development, EEOC, ADA, and other legal, practical and competitive issues and constraints relevant to a firm's HR practices and policies. Prerequisite: MGT 301. Credit: 3 semester hours.

MGT 452: Transportation/Bus Logistics. Prerequisite: MGT 301 and MKT 301. An in-depth examination of contemporary strategic logistics management. Topics include: logistics partnering, integrated logistics systems, and global materials sourcing. Credit: 3 semester hours.

MGT 455: Operations Management Prerequisites: BUA 320, ECO 321, and MGT 301. A study of operations management concepts and decisions making. The course will explore tools and techniques for the analysis, design, planning and control of manufacturing and service operations. Credit: 3 semester hours.

MGT 460: Human Behavior in Organizations. An analysis of the behavior of persons in organizational settings, including personality, values, motivation, leadership, authority in groups, and informal groups. Prerequisite: MGT 301. Credit: 3 semester hours.

MGT 465: Entrepreneurship. A study of small-business management, entrepreneurship and problems of organizing and operating a small business. Prerequisite: MGT 301 or consent of instructor. Credit: 3 semester hours.

MGT 470: International Bus Management. Prerequisites: MGT 301, MKT 301. A study of the international business arena, including environmental forces (economic, cultural, technological, political, legal, physical) and their implications for developing effective management and marketing strategies. Credit: 3 semester hours.

MGT 480: Management Internship. Off-campus, on- the-job employment related to the discipline of management. Prerequisite: MGT 301 and junior or senior status and consent of chairperson. Credit: 3 semester hours.

MGT 490: Business Capstone. Capstone seminar. Course format provides students with experience in student integration of their specialization – specific and general business content knowledge to think creatively to generate new ideas and model novel problems. Prerequisite: Final semester senior standing and consent of instructor. Credit: 3 semester hours.

MGT 497: Contemporary Topics in Management. An exploration of contemporary topics in business management. May be repeated for credit for different topics (maximum of nine credit hours). Examples of topics include lean, green, and sigma, global competitiveness, sustainable business practice, team management, leadership or other current issues. Prerequisites: MGT 301. Credit: 3 semester hours.

MGT 499: Independent Study in Management. Research and in-depth study of a particular management concept or problem under the direction of a faculty member. Prerequisite: Senior classification and consent of the chairperson. Credit: 3 semester hours.

MANAGEMENT INFORMATION SYSTEMS

MIS 300: Management Information Systems. This course covers fundamental concepts of information systems and how they support management and operations of business organization in an increasingly competitive business world. Prerequisites: ACC 201, BUA 204 and ECO 201, all with grades of C or better. Credit: 3 semester hours.

MIS 301: Business Application Development and Programming. This course provides a structured approach to business application development and programming. Problem solving techniques, program design, and logic, are emphasized. Students will engage in hands-on exercises to reinforce learning how to design and develop business applications. Prerequisites: BUA 101 or COS 100 and BUA 102 or consent of the instructor. Credit: 3 semester hours.

MIS 303: Business Database Systems. 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. Prerequisite: MIS 300. Credit: 3 semester hours.

MIS 320: Introduction to ERP and Business Processes. This course explains and demonstrates how business processes are supported in Enterprise Resource Planning (ERP) systems software. The course will focus on how ERP systems integrate business processes across functional areas and support business management and performance analysis. Students will gain an understanding of the integrative nature of ERP systems by completing exercises using simulated ERP environments. Prerequisites: BUA 101 or COS 100, BUA 102, and MIS 300 or consent of the instructor. Credit: 3 semester hours.

MIS 360: Advanced Management Information Systems. This course addresses the design, development and use of information systems to make professional or management decisions. Prerequisite: MIS 300 or PUA 322 or consent of instructor. Credit: 3 semester hours.

MIS 370: Electronic Commerce. This course examines integration of technology and commercial practices for doing business on the Internet. The course will explore key concepts, models, tools, and applications as well as legal, economic, social and business issues related to ecommerce. Prerequisite: MGT 301, MKT 301, MIS 360 or consent of instructor. Credit: 3 semester hours.

MIS 410: Internet Application Development. This course covers concepts, principles, and techniques of Internet business applications development. The course provides students both theory and practical application of e-business technologies. Prerequisites: MIS 303 and MIS 360 or consent of instructor. Credit: 3 semester hours.

MIS 420: Advanced Business Application Programming (ABAP). This course provides an overview of the ABAP programming language for the SAP enterprise resource planning system. Students will write a variety of beginning and intermediate level programs using the ABAP workbench, ABAP objects, and data dictionary tools. Modular programming technique such as subroutines, function modules, and events will also be discussed. Prerequisites: MIS 300 and MIS 301, MIS 303, MIS 320 or consent of the instructor. Credit: 3 semester hours.

MIS 430: Managing ERP Systems. This course focuses on enterprise systems configuration. The course will give students hands on experience configuring an ERP system (e.g., SAP's ERP Enterprise). Students will follow instructions and data provided by the instructor to configure the SAP ERP system to support main business processes. By understanding how an ERP system can be configured to manage a business process, the students will gain a better understanding of the integrated nature of business processes in general. Prerequisites: MIS 300 and MIS 301 or consent of the instructor. Credit: 3 semester hours.

MIS 450: Electronic Commerce. Prerequisite: MGT 301, MKT 301, MIS 360 or consent of instructor. This course examines integration of technology and commercial practices for doing business on the Internet. The course will explore key concepts, models, tools, and applications as well as legal, economic, social and business issues related to e-commerce. Credit: 3 semester hours.

MIS 460: Internet Application Dev. Prerequisites: MIS 303 and MIS 360 or consent of instructor. This course covers concepts, principles, and techniques of Internet business applications development. The course provides students both theory and practical application of e-business technologies. Credit: 3 semester hours.

MIS 470: ERP and Enterprise Performance. This course provides an overview of Enterprise Resources Planning (ERP) systems and their impact on organizations. The course will review research evidence demonstrating the impact of ERP systems on enterprise performance. Handson exercises will involve the use of simulated ERP environments. Prerequisites: MIS 320 and MIS 420 or consent of the instructor. Credit: 3 semester hours.

MIS 475: Introduction to Enterprise Architecture. This course covers the foundational concepts, frameworks, principles and best practices of enterprise architecture. Prerequisites: MIS 320 and MIS 420 or consent of the instructor. Credit: 3 semester hours.

MIS 480: Management Information Systems Internship. Off campus on-the-job employment related to the discipline of marketing, leadership, culture, or other current issues. Should be taken in the final semester of the MBA program. Prerequisite: MIS 300 and junior or senior status and consent of chairperson. Credit: 3 semester hours.

MIS 497: Topics in Information Systems. This course addresses topics of current interest in information systems. Examples of topics include data warehousing, information security, information systems economics, knowledge management systems, or other emerging technologies and MIS topics. Specific topics may vary in different semesters,

as will the associated course prerequisites. The student is advised to check with the School of Business or his/her adviser on this offering. Prerequisite: MIS 360 or MIS 460 or consent of instructor. Credit: 3 semester hours.

MIS 499. Independent Study in MIS. Research and in- depth study of a particular marketing concept or problem under the direction of a faculty member. Prerequisite: Senior classification and consent of the chairperson. Credit: 3 semester hours.

MARKETING

MKT 301: Principles of Marketing. A study of the movement of goods from producers to consumers emphasizing the importance of satisfying customers' needs through the development of effective marketing mixes. Prerequisite: ACC 201, BUA 204 and ECO 201, all with grades of C or better. Credit: 3 semester hours.

MKT 310: Personal Selling. This course provides a detailed introduction to personal selling. It explores important topics such as ethical issues in selling, the buying process, relationship building, adaptive selling, the personal selling process, and territory management, among others. Prerequisite: MKT 301. Credit: 3 semester hours.

MKT 315: Retailing Management. This course provides a detailed introduction to retailing management. It explores important topics such as types of retailers, retailing strategies, merchandise management, and store management, among others. Prerequisite: MKT 301. Credit: 3 semester hours.

MKT 320: Marketing Communications. A study of marketing communications concepts including identification of communications goals, analysis of advertising, sales promotion, public relations and personal selling. Prerequisites: MGT 301 and MKT 301. Credit: 3 semester hours.

MKT 325: Internet Marketing. This course provides comprehensive coverage of the rapidly changing field of Internet marketing. It relies on marketing theory when appropriate and introduces conceptual frameworks and real world examples to facilitate student understanding of Internet marketing issues. It emphasizes that a key challenge facing marketers today is how to best integrate the Internet into their strategies and media plans. This course is necessary in order for future marketing managers to function effectively in the real world. Prerequisites: MKT 301. Credit: 3 semester hours.

MKT 410: Marketing Communications. Prerequisites: MGT 301 and MKT 301. A study of marketing communications concepts including identification of communications goals, analysis of advertising, sales promotion, public relations and personal selling. Credit: 3 semester hours.

MKT 420: Marketing Management Prerequisites: MGT 301 and MKT 301. A study of the problems faced by marketing executives whose responsibility is to develop winning marketing mixes and strategies. Credit: 3 semester hours.

MKT 430: Marketing Research. A study of the scope and applications of marketing research, research designs, sampling methods, data collection and analysis, and research report writing. Prerequisites: BUA 320, MGT 301, and MKT 301. Credit: 3 semester hours.

MKT 440: Consumer Behavior. A study of the factors determining consumers' behavior patterns, especially as affected by economics, psychology, social psychology, and cultural anthropology and of the implications of these factors for marketing strategies. Prerequisite: MGT 301 and MKT 301. Credit: 3 semester hours.

MKT 450: Electronic Commerce. Prerequisite: MGT 301, MKT 301, MIS 360 or consent of instructor. This course examines integration of technology and commercial practices for doing business on the Internet. The course will explore key concepts, models, tools, and applications as well as legal, economic, social and business issues related to e-commerce. Credit: 3 semester hours.

MKT 470/MGT 470: International Business Management. A study of the international business arena, including environmental forces (economic, cultural, technological, political, legal, physical) and their implications for developing effectivemanagement and marketing strategies. Prerequisites: MGT 301, MKT 301. Credit: 3 semester hours.

MKT 480: MarketingInternship. Off-campus on-the-job employment related to the discipline of marketing. Prerequisite: MKT 301 and junior or senior status and consent of chairperson. Credit: 3 semester hours.

MKT 490: Strategic Marketing Management. A study of the problems faced by marketing executives whose responsibility is to develop winning marketing mixes and strategies. Prerequisites: MGT 301 and MKT 301. Credit: 3 semester hours.

MKT 499: Independent Study in Marketing. Research and in-depth study of a particular marketing concept or problem under the direction of a faculty member. Prerequisite: Senior classification and consent of the chairperson. Credit: 3 semester hours.

MILITARY SCIENCE

MSL 101: Introduction to the Army. This course focuses on introduction to the Army and critical thinking. It introduces Cadets to the Army and the Profession of Arms. Students will examine the Army Profession and what it means to be a professional in the U.S. Army. The overall focus is on developing basic knowledge and comprehension of the Army Leadership Requirements Model while gaining a complete understanding of the Reserve Officers' Training Corps (ROTC) program, its purpose in the Army, and its advantages for the student. Cadets also learn how resiliency and fitness supports their development as an Army leader. Includes a weekly lab facilitated by MSL III Cadets and supervised by Cadre. Co-requisite: MSL 250. Credit: 2 semester hours.

MSL 107: Interm. Military Conditioning. Students learn the basic structure of Army Physical Fitness. This course is intended as an elective for undergraduate students and Cadets (ROTC). It will provide a general understanding of physical fitness and improve their overall total fitness level. Credit: 1 semester hour.

MSL 201: Leadership and Decision Making. This course focuses on leadership and decision making. The course adds depth to the Cadets understanding of the Adaptability Army Learning Area. The outcomes are demonstrated through Critical and Creative Thinking and the ability to apply Troop Leading Procedures (TLP) to apply Innovative Solutions to Problems. The Army Profession is also stressed through leadership forums and a leadership self-assessment. Students are then required to apply their knowledge outside the classroom in a hands-on performance-oriented environment during a weekly lab facilitated by MSL III Cadets and supervised by Cadre. Prerequisite: MSL 101 and 102, or consent of the instructor. Co-requisite: MSL 250. Credit: 2 semester hours.

MSL 250: Basic Military Science Lab. A hands-on practicum which exposes the student to the military skills required for basic technical and tactical competence to enter the Advanced Course. Laboratory, two hours per week and two week-end exercises. May be repeated to a maximum of four credits. Credit: 1 semester hour.

MSL 301: Train. Mang. & the Warfigh. Fu. This course focuses on training management and the warfighting functions. It is an academically challenging course where you will study, practice, and apply the fundamentals of Training

Management and how the Army operates through the Warfighting functions. At the conclusion of this course, you will be capable of planning, preparing, and executing training for a squad conducting small unit tactics. Includes a lab per week using peer facilitation overseen by MSL IVs, supervised by ROTC Cadre. Prerequisite: MSL 101, 102, 201 and 202, or consent of the instructor. Co-requisite: MSL 350. Credit: 3 semester hours.

MSL 320: American Military History. This course will furnish upper level KSU 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 and to put together a major research paper. MSL/HIS 320 will emphasize basic research skills: understanding historiographical debates within a military framework, developing effective note taking, outlining techniques, picking a feasible research topic, finding useful primary sources and drawing inferences from them, examining American military campaigns and leaders in order to complete a battle analysis, and short research assignments. Prerequisite: Consent of the instructor. Co-requisite: N/A. Credit: 3 semester hours.

MUSIC – Applied

MUA 105: Music Composition I/Lab. Private Instruction in the elements of composition. One-hour composition lesson each week. Includes compositional projects in various genres. Laboratory required. Prerequisite: Consent of instructor. Credit: 1 semester hour.

MUA 106: Music Composition II/Lab. A continuation of MUA 105. Laboratory required. Prerequisite: MUA 105. Credit: 1 semester hour.

MUA 121: Minor Applied I. One half-hour private lesson each week in primary or secondary performance areas. Prerequisite: Consent of instructor. Credit: .5 semester hour.

MUA 122: Minor Applied II. A continuation of MUA 121. Prerequisite: MUA121. Credit: .5 semester hour.

MUA 161: Major Applied I/Lab. Private Instruction in voice, piano, organ, woodwind, brass, or percussion instruments in the principal area of study. One-hour lesson each week. Laboratory required. Prerequisite: audition required. For B.A. Mus. and B.M. music education majors. VARIABLE Credit: 1 to 2 semester hours.

MUA 162: Major Applied II/Lab. A continuation of MUA 161. Laboratory required. Prerequisite: MUA 161. For B.A. Mus. and B.M. music education majors. VARIABLE Credit: 1 to 2 semester credit hours.

MUA 181: Perform Major Applied I/Lab. Prerequisite: audition required. For B.M. music performance majors. Private instruction in voice, piano, organ, woodwind, brass, or percussion instruments in the principal area of study. One-hour lesson each week. Laboratory required.

MUA 205: Music Composition III/Lab. A continuation of MUA 106. Laboratory required. Prerequisite: MUA 106. Credit: 1 semester hour.

MUA 206: Music Composition IV/Lab. A continuation of MUA 205. Laboratory required. Prerequisite: MUA 205. Credit: 1 semester hour.

MUA 221: Minor Applied III. A continuation of MUA 122. Prerequisite: MUA 122. Credit: .5 semester hour.

MUA 222: Minor Applied IV. A continuation of MUA 221. Prerequisite: MUA 221. Credit: .5 semester hour.

MUA 261: Major Applied III/Lab. A continuation of MUA162. Laboratory required. Prerequisite: MUA 162. For B.A. Mus. and B.M. music education majors. VARIABLE Credit: 1 to 2 semester credit hours.

MUA 262: Major Applied IV/Lab. A continuation of MUA 261. Laboratory required. Must pass the Sophomore Applied Music Proficiency Examination to successfully complete this course. Prerequisite: MUA 261. For B.A. Mus. and B.M. music education majors. VARIABLE Credit: 1 to 2 semester credit hours.

MUA 281: Perform. Major Applied III/Lb. Prerequisite: MUA 182. For B.M. music performance majors. A continuation of MUA 182. Laboratory required. Credit: 2 semester hours.

MUA 282: Perform. Major Applied IV/Lab. Prerequisite: MUA 281. For B.M. music performance majors. A continuation of MUA 281. Laboratory required. Must pass the Sophomore Applied Music Proficiency Examination to successfully complete this course. Credit: 2 semester hours.

MUA 305: Music Composition V/Lab. A continuation of MUA 206. Laboratory required. Prerequisite: MUA 206. Credit: 1 semester hour.

MUA 306: Music Composition VI/Lab. A continuation of MUA 305. Laboratory required. Prerequisite: MUA 305. Credit: 1 semester hour.

MUA 321: Minor Applied V. A continuation of MUA 222. Prerequisite: MUA 222. Credit: .5 semester credit hour.

MUA 322: Minor Applied VI. A continuation of MUA 321. Prerequisite: MUA 321. Credit: .5 semester credit hour.

MUA 361: Major Applied V/Lab. A continuation of MUA 262. Laboratory required. Prerequisite: MUA 262. For B.A. Mus. and B.M. music education majors. VARIABLE Credit: 1 to 2 semester credit hours.

MUA 362: Major Applied VI/Lab. A continuation of MUA 361. Laboratory required. Prerequisite: MUA 361. For B.A. Mus. and B.M. music education majors. VARIABLE Credit: 1 to 2 semester credit hours.

MUA 381: Perform. Major Applied V/Lab. Prerequisite: MUA 282. For B.M. music performance majors. A continuation of MUA 282. Laboratory required. Credit: 2 semester hours.

MUA 382: Perform. Major Applied VI/Lab. Prerequisite: MUA 381. For B.M. music performance majors. A continuation of MUA 381. Laboratory required. Credit: 2 semester hours.

MUA 405: Music Composition VII/Lab. A continuation of MUA 306. Laboratory required. Prerequisite: MUA 306. Credit: 1 semester hour.

MUA 406: Music Composition VIII/Lab. A continuation of MUA 405. Laboratory required. Prerequisite: MUA 405. Credit: 1 semester hour.

MUA 421: Minor Applied VII. A continuation of MUA 322. Prerequisite: MUA 322. Credit: .5 semester credit hour.

MUA 422: Minor Applied VIII. A continuation of MUA 421. Prerequisite: MUA 421. Credit: .5 semester credit hour.

MUA 461: Major Applied VII/Lab. A continuation of MUA 362. Laboratory required. Senior recital performance required to successfully complete this course. Prerequisite: MUA 362. For B.A. Mus. and B.M. music education majors. VARIABLE Credit: 1 to 3 semester credit hours.

MUA 462: Major Applied VIII/Lab. Prerequisite: MUA 461. For B.M. music performance majors. A continuation of MUA 461 with advanced for literature and performance. Laboratory required. Senior recital performance required to successfully complete this course. Open only to bachelor of music performance majors. Credit: 4 semester hours.

MUA 481: Perform. Major Applied VII/Lb. Prerequisite: MUA 382. For B.M. music performance majors. A continuation of MUA 382 with advanced standards for literature and performance. Laboratory required. Credit: 3 semester hours.

MUA 482: Perform. Major Applied VIII/L. Prerequisite: MUA 481. For B.M. music performance majors. A continuation of MUA 481 with advanced standards for literature and performance. Laboratory required. Credit: 4 semester hours.

MUSIC—CLASS INSTRUCTION

MUC 101: Woodwind Class for Non-Majors. Course required for freshman non-major woodwind instrumentalists (piccolo, flute, clarinet, oboe, bassoon, saxophone) participating in a large university instrumental ensemble. Group instruction with emphasis in instrumental performance techniques. May be repeated once for credit. Co-requisite: MUP 381, MUP 382, MUP 383 or MUP 384. Credit: 1 semester hour.

MUC 103: Upper Brass Class for Non-Majors. Course required for freshman non-major upper brass instrumentalists (trumpet, cornet, French horn) participating in a large university instrumental ensemble. Group instruction with emphasis in instrumental performance techniques. May be repeated once for credit. Co-requisite: MUP 381, MUP 382, MUP 383, or MUP 384. Credit: 1 semester hour.

MUC 105: Low Brass Class for Non-Majors. Course required for freshman non-major low brass instrumentalists (trombone, euphonium, tuba) participating in a large university instrumental ensemble. Group instruction with emphasis in instrumental performance techniques. May be repeated once for credit. Co-requisite: MUP 381, MUP 382, MUP 383, or MUP 384. Credit: 1 semester hour.

MUC 107: Percussion Class for Non-Majors. Group instruction with emphasis in instrumental performance techniques. May be repeated once for credit. Co- requisite: MUP 381, MUP 382, MUP 383, or MUP 384. Course required for freshman non-major percussion instrumentalists participating in a large university instrumental ensemble. Credit: 1 semester hour.

MUC 110: Class Piano I. A study of the fundamentals of piano playing. Prerequisite: Satisfactory completion of Music Theory Placement Examination and Piano Placement Examination. Prerequisite or concurrent: MUS 112, MUS 113.Credit: 1 semester hour.

MUC 111: Class Piano II. A continuation of MUC 110.Prerequisite: MUC 110 or placement by Piano Placement Examination. Prerequisite or concurrent: MUS 114, MUS 115. Credit: 1 semester hour.

MUC 209: Jazz Improvisation. Class instruction in the development of individual jazz improvisational technique. May be repeated three times for credit. Open to non-music majors. Credit: 1 semester hour.

MUC 210: Class Piano III. A continuation of MUC 111. Prerequisite: MUC 111. Prerequisite or concurrent: MUS 212, MUS 213. Credit: 1 semester hour.

MUC 211: Class Piano IV. A continuation of MUC210. Prerequisite: MUC 210. Prerequisite or concurrent: MUS 214, MUS 215. Credit: 1 semester hour.

MUC 250: Jazz Piano. A study of jazz piano techniques utilized in accompanying and improvising jazz. Basic knowledge of music theory required. Prerequisite: Consent of instructor. Credit: 1 semester hour.

MUC 341: String Instruments Class. Class instruction in performance fundamentals of orchestral string instruments. Prerequisite: Consent of instructor. Credit: 1 semester hour.

MUC 342: Voice Class. Class instruction in vocal performance fundamentals. Prerequisite: Consent of instructor. Credit: 1 semester hour.

MUC 343: Woodwind Instruments Class. Class instruction in performance fundamentals of woodwind instruments of the band and orchestra. Prerequisite: Consent of instructor. Credit: 1 semester hour.

MUC 345: Brass Instruments Class. Class instruction in performance fundamentals of brass instruments of the band and orchestra. Prerequisite: Consent of instructor. Credit: 1 semester hour.

MUC 347: Percussion Instruments Class. Class instruction in performance fundamentals of percussion instruments of the band and orchestra. Prerequisite: Consent of instructor. Credit: 1 semester hour.

MUC 349: Piano Pedagogy. A study of the fundamentals and techniques of teaching piano in groups and to individual students of all ages. Prerequisite: MUA 262 or 282. Credit: 1 semester hour.

MUSIC EDUCATION

MUE 203: Technology in the Music Education Classroom. Development of competencies for implementing current and emerging instructional technologies in the music education classroom, grades P- 12. Course taken in lieu of EDU 203. Successful completion required for admission to the Teacher Education Program. Prerequisite: Music Education specialization or consent of instructor. Credit: 3 semester hours.

MUE 310: Keyboard Skills I. 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. Prerequisite: Music Education Specialization and MUC 211 or passing score on the Piano Placement Examination. Credit: 2 semester hours.

MUE 311: Keyboard Skills II. 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. Prerequisite: Music Education Specialization and MUE 310. Credit: 2 semester hours.

MUE 331: Fundamentals and Methods for the Elementary School Music Teacher. 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. Laboratory required; field work required. Prerequisite: Music Education Specialization, or consent of instructor, or MUC 211. Credit: 3 semester hours.

MUE 332: Fundamentals and Methods for the Secondary School Music Teacher. 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. Laboratory required; field work required. Prerequisite: Music Education Specialization, or consent of instructor, or MUE 331. Credit: 3 semester hours.

MUE 333: Fundamentals of Music for Early Elementary Teachers. 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. Laboratory required; field work required. Credit: 3 semester hours.

MUE 348: Marching Band Techniques. A study of contemporary marching band techniques, styles, and trends with emphasis on drill writing and arranging for the marching band. Prerequisite: Music Education Specialization and MUA 262. Credit: 1 semester hour.

MUC 349: Piano Pedagogy Prerequisite: MUA 262 or 282. A study of the fundamentals and techniques of teaching piano in groups and to individual students of all ages. Credit: 1 semester hours.

MUE 435: Vocal Methods and Literature. Prerequisite: Music Education Specialization and MUE 332. A study of the methods, materials, literature, and techniques of teaching choral/vocal music at the elementary and secondary levels. Laboratory required; field work required. Credit: 2 semester hours.

MUE 437: Instrumental Methods and Literature. 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. Laboratory required; field work required. Credit: 2 semester hours.

MUSIC—MUSIC INDUSTRY

MUI 101: Survey of the Music Industry I. A survey of the history and practices of the music industry. Students are introduced to careers and career planning, qualifications and credentials, and trade associations and unions in the music industry. Prerequisite: Consent of instructor. Credit: 3 semester hours.

MUI 102: Survey of the Music Industry II. A continuation of MUI 101. A survey of the structures, economics, and operations of the recording industry; music publishing and distribution systems; intellectual property; and issues related to live music performance. Prerequisite: MUI 101. Credit: 3 semester hours.

MUI 203: Music Technology Applications. Practical applications of computer-based music notation and sequencing, music synthesis, digital editing, and sound design. Prerequisite: MUI 102. Credit: 3 semester hours.

MUI 201: Surv. of the Music Industry I. Prerequisite: Consent of instructor. A survey of the history and practices of the music industry. Students are introduced to careers and career planning, qualifications and credentials, and trade associations and unions in the music industry. Credit: 3 semester hours.

MUI 202: Surv. of the Music Industry II. Prerequisite: MUI 201. A continuation of MUI 201. A survey of the structures, economics, and operations of the recording industry; music publishing and distribution systems; intellectual property; and issues related to live music performance. Credit: 3 semester hours.

MUI 203: Music Technology Applications. Practical applications of computer-based music notation and sequencing, music synthesis, digital editing, and sound design. Credit: 3 semester hours.

MUI 204: Music Pub/Copyright/Licensing. A study of the music publishing and recording industry with emphasis on copyright and related issues through an examination of copyright law, contracts, licensing, catalog development, and foreign publishing. Credit: 3 semester hours.

MUI 298: Special Topics in Music Production. An exploration of contemporary topics in music production. May be repeated once for credit for different topic. Prerequisite: Consent of instructor. Credit: 3 semester hours.

MUI 301: Music Technology Applications. Prerequisite: MUI 202. Practical applications of computer-based music notation and sequencing, music synthesis, digital editing, and sound design. Credit: 3 semester hours.

MUI 302: Music Publishing, Copyright, and Licensing. A study of the music publishing and recording industry with emphasis on copyright and related issues through an examination of copyright law, contracts, licensing, catalog development, and foreign publishing. Prerequisite: MUI 202 or consent of instructor. Credit: 3 semester hours.

MUI 398: Special Topics in Music Production. An exploration of contemporary topics in music production. May be repeated once for credit for different topic. Prerequisite: Consent of instructor. Credit: 3 semester hours.

MUI 401: Music & Entertain Ind Market. Prerequisite: MUI 302. A study of the marketing and promotion strategies of major and independent record labels, music publishers, terrestrial and satellite radio and television, and the Internet. Credit: 3 semester hours.

MUI 402: Artist Representation, Promotion, and Concert Tour Production. A study of the methods and practices of artist representation, promotion, and concert tour production. Prerequisite: MUI 401. Credit: 3 semester hours.

MUI 498: Special Topics in Music Production. An exploration of contemporary topics in music production. May be repeated once for credit for different topic. Prerequisite: Consent of instructor. Credit: 3 semester hours.

MUI 499: Senior Project in Music Production. Capstone course of the music industry studies elective track of the Bachelor of Arts in Music degree. The student will be involved in all aspects of recording production including artist and music selections; session planning; and digital recording, overdubbing editing, mixing, and mastering during his/her senior year. To successfully complete and pass the course, the senior project must be presented to a Music faculty jury for review. Prerequisite: Consent of instructor. Credit: 3 semester hours.

MUSIC—PERFORMANCE ENSEMBLE

MUP 311: Opera/Musical Theatre Workshop. A performing group concentrating on the study and performance of operatic and musical theatre literature. May be repeated for credit. Open to auditioned vocal students. Credit: 1 semester hour.

MUP 355: Jazz Ensemble. An ensemble designed to allow students an opportunity to perform music in the jazz idiom. May be repeated for credit. Open to auditioned instrumental and vocal students. Credit: 1 semester hour.

MUP 357: Show Choir. A vocal performing ensemble that combines group and solo singing of popular repertoire with staging and choreography. May be repeated for credit. Open to auditioned vocal and instrumental students. Credit: 1 semester hour.

MUP 358: Instrumental Commercial Music Ensemble. An introduction to essential skills for the instrumental commercial musician. May be repeated for credit. Open to auditioned instrumental and vocal students. Credit: 1 semester hour.

MUP 375: Gospel Ensemble. A performing ensemble concentrating on traditional and contemporary gospel literature. May be repeated for credit. Open to all students. Credit: 1 semester hour.

MUP 381: Marching Band. A performing ensemble engaged in the preparation for and performance at University functions, including athletic events. May be repeated for credit. Open to all students through audition. Credit: 1 semester hour.

MUP 382: Symphonic Band. A performing ensemble designed primarily for the general student desiring continuation of instrumental music experience. May be repeated for credit. Open to all students through audition. Credit: 1 semester hour.

MUP 383: Small Vocal Ensemble. A mixed ensemble organized for the performance of chamber and special literature, including madrigals and motets. May be repeated for credit. Open to auditioned vocal students. Credit: 1 semester hour.

MUP 384: Pep Band. A small performing ensemble engaged in the preparation for and performance at University functions, including athletic events. May be repeated for credit. Open to all students through audition. Credit: 1 semester hour.

MUP 385: Wind Ensemble. A select instrumental ensemble engaged in performance of literature in the wind repertoire. May be repeated for credit. Open to auditioned instrumental students. Credit: 1 semester hour.

MUP 386: Concert Choir. A mixed performing ensemble organized for the study of sacred and secular choral literature. May be repeated for credit. Open to auditioned vocal students. Credit: 1 semester hour.

MUP 387: Instrumental Chamber Music–Woodwinds. A study through performance of representative chamber literature for woodwind instruments. May be repeated for credit. Open to auditioned woodwind students. Credit: 1 semester hour.

MUP 388: Instrumental Chamber Music–Brass. A study through performance of representative chamber literature for brass ensemble. May be repeated for credit. Open to auditioned brass students. Credit: 1 semester hour.

MUP 389: Instrumental Chamber Music–Percussion. A study through performance of representative chamber literature for percussion ensemble. May be repeated for credit. Open to auditioned percussion students. Credit: 1 semester hour.

MUP 390: Instrumental Chamber Music–Piano. Study and performance of music for piano in varied ensemble combinations. May be repeated for credit. Credit: 1 semester hour.

MUSIC

MUS 101: Basic Music Theory. An introduction to the fundamentals of music: clefs, scales, meters, and rhythms. Includes sight-singing, piano, care training, and music terminology. Specifically designed as a Liberal Studies elective for non-Music majors. Credit: 3 semester hours.

MUS 103/104: Freshman Orientation in Music. This course is designed to facilitate the transition to University life and provide the necessary academic and social foundation for students to successfully complete their pre-professional experiences. Course taken in lieu of UNV 101. Required of all music majors. Credit: 1 semester hour.

MUS 112: Music Theory I. Review of music fundamentals, including fundamentals of tonality. Introduction to harmonic and melodic analysis and part writing with emphasis on music of the common practice period, up to and including triads in all inversions. Laboratory required. Prerequisite: Placement by Music Theory Placement Examination or successful completion of MUS 099. Credit: 3 semester hours.

MUS 113: Aural Skills I. This course provides a practical application of materials studied in MUS 112 and drill in sight singing, aural perception, and the use of musical notation. Prerequisite: MUS 099 or satisfactory completion of Music Theory Placement Examination. Prerequisite or concurrent: MUC 110, MUS 112. Credit: 1 semester hour.

MUS 114: Music Theory II. Continuation of harmonic and melodic analysis and writing, including seventh and secondary chords; modulation; introduction to two- part writing (homophonic and polyphonic), and simple forms (binary and ternary). Laboratory required. Prerequisite: MUS 112. Credit: 3 semester hours.

MUS 115: Aural Skills II. A continuation of MUS 113. This course provides a practical application of the materials studied in MUS 114, and drill in sight singing and aural perception with emphasis on melodic and harmonic dictation. Prerequisite: MUS 113. Prerequisite or concurrent: MUC 111, MUS 114. Credit: 1 semester hour.

MUS 130: Introduction to Music. An introduction to the basic elements of music, its styles, and cultural history (including western art music, non-western music, jazz, and popular music). Open to non-Music majors. Credit: 3 semester hours.

MUS 207: Jazz Arranging and Composition I. Individual or class instruction in composition and arranging in both traditional and contemporary music idioms for small and large ensembles. Prerequisite: MUS 114. Credit: 2 semester hours.

MUS 208: Jazz Arranging and Composition II. A continuation of MUS 207. Prerequisite: MUS 207. Credit: 2 semester hours.

MUS 212: Music Theory III. Culmination of harmonic and melodic analysis and writing of the common practice period, including chromatic harmony and modulations; introduction to polyphonic analysis and writing, variations form, fugue, and related forms. Laboratory required. Prerequisite: MUS 114. Credit: 3 semester hours.

MUS 213: Aural Skills III. A continuation of MUS 115. This course provides a practical application of the materials studied in MUS 212 with emphasis on keyboard skills. Prerequisite: MUS 115. Prerequisite or concurrent: MUC 210, MUS 122. Credit: 1 semester hour.

MUS 214: Music Theory IV. Advanced harmonic analysis and writing of the late nineteenth century, including higher tension and non-tertiary chords. Analysis of tonal forms including sonata and rondo forms. Instrumental and vocal writing. Laboratory required. Prerequisite: MUS 212. Credit: 3 semester hours.

MUS 215: Aural Skills IV. A continuation of MUS 213. This course provides a practical application of the materials studied in MUS 214. Prerequisite: MUS 213. Prerequisite or concurrent: MUC 211, MUS 215. Credit: 1 semester hour.

MUS 236: Phonetics and Diction. Prerequisite: MUA 262 or 282. A study of English, German, Italian, and French diction in vocal music with the utilization of the International Phonetic Alphabet. Credit: 1 semester hours.

MUS 237: Lyric Diction—English and Italian. A study of the principles and application of English and Italian diction in singing through the use of the International Phonetic Alphabet (IPA), spoken language drill, and recitation of representative arias and song literature. This course does not fulfill the foreign language requirement of the Liberal Studies General Core Requirements. Prerequisite: Consent of instructor. Credit: 1 semester hour.

MUS 238: Lyric Diction—French and German. A study of the principles and application of French and German diction in singing through the use of the International Phonetic Alphabet (IPA), spoken language drill, and recitation of representative arias and song literature. This course does not fulfill the foreign language requirement of the Liberal Studies General Core Requirements. Prerequisite: Consent of instructor. Credit: 1 semester hour.

MUS 251: Intro to Electronic Music. 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. Credit: 2 semester hours.

MUS 300: Music and Culture of the African Diaspora- Africa and Spain. This is the initial course of the online curriculum leading to the Short Term Divisional Certificate in World and Multicultural Music of the African Diaspora. This course provides an introduction to the various music cultures of Africa. Beginning with an overview of the study of music in world cultures, ethnomusicology, and progresses to analyze the role of music in African cultures based on their religious beliefs and practices, technology, traditions, and attitudes towards change and innovation. Credit: 4 semester hours.

MUS 301: Music and Culture of the African Diaspora: The Northern Hemisphere. This is the second course of the online curriculum leading to the Short Term Divisional Certificate in World and Multicultural Music of the African Diaspora. The purpose of the course is to introduce students to the history and current scholarship of African American music form the eighteenth through the twentieth century. Credit: 4 semester hours.

MUS 302: Music and Culture of the African Diaspora: The Southern Hemisphere. This is the third course of the online curriculum leading to the Short Term Divisional Certificate in World and Multicultural Music of the African Diaspora. The purpose of the course is to explore the richness and diversity of Latin American and Caribbean music, and facilitate an appreciation from the cultural connections arising from their African legacies. Credit: 4 semester hours.

MUS 303: Music and Cultural of the African Diaspora – Rap, Hip-Hop and the Facilitation of Collective Resistance. The purpose of the course is to introduce students to the history and current scholarship of Rap and Hip-Hop, which have transformed social and political conditions of the inner cities and projected them to the global stage. Credit: 3 semester hours.

MUS 321: Survey of Music History I. A survey of the development of Western music from antiquity through the Medieval, Renaissance, and Baroque periods. Prerequisite: MUS 112. Credit: 3 semester hours.

MUS 322: Survey of Music History II. A survey of the development of Western music from the Classical period to the present time. Prerequisite: MUS 321. Credit: 3 semester hours.

MUS 323/AAS 323: African American Music. A study of the development of African American music, including spirituals, blues, jazz, symphonic literature, and miscellaneous songs. Open to non-Music majors. Credit: 3 semester hours.

MUS 325/AAS 325: Jazz History and Literature. A survey of jazz, including its origins, major performers, and composers. All idioms and styles are studied using selected readings and recordings. Open to non-Music majors. Credit: 3 semester hours.

MUS 333: Music of Africa and Asia. 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. Credit: 3 semester hours.

MUS 334: Lyric Diction I: English/Ital. Prerequisite: MUS 236. A study of the principles and application of English and Italian diction in singing through the use of the International Phonetic Alphabet (IPA), spoken language drill, and recitation of representative arias and song literature. This course does not fulfill the foreign language requirement of the Liberal Studies General Core Requirements. Credit: 1 semester hours.

MUS 335: Lyric Diction II: Fre/German. Prerequisite: MUS 334. A study of the principles and application of French and German diction in singing through the use of the International Phonetic Alphabet (IPA), spoken language drill, and recitation of representative arias and song literature. This course does not fulfill the foreign language requirement of the Liberal Studies General Core Requirements. Credit: 1 semester hours.

MUS 350: Accompanying. A study of the fundamentals and techniques of piano accompaniment. Includes assigned performances. Prerequisite: Music major or consent of instructor. Credit: 2 semester hours.

MUS 352: Conducting. A study of the principles and techniques of conducting the large choral and instrumental ensembles. Prerequisite: MUA 262. Credit: 2 semester hours.

MUS 354: Conducting II: Instrumental. Prerequisite: MUS 352. A study of advanced conducting techniques through performance and analysis of literature for the large instrumental ensemble. Credit: 2 semester hours.

MUS 403: Instrumental and Vocal Arranging. A study of instrumentation and arranging techniques for instrumental and vocal ensembles. Prerequisite: MUS 214. Credit: 2 semester hours.

MUS 424: Twentieth Century Music. Prerequisite: MUS 322. A study of major composers, styles, techniques, and literature of twentieth-century music. Credit: 2 semester hours.

MUS 426: Music Literature I. A survey of the style characteristics of representative musical works from the Medieval, Renaissance, and Baroque periods. Prerequisite: MUS 322. Credit: 3 semester hours.

MUS 427: Music Literature II. A continuation of MUS 426. A survey of the style characteristics of representative musical works from the Classic period to the present time. Prerequisite: MUS 426. Credit: 3 semester hours.

MUS 428: Keyboard Literature. An analytical and historical study of representative keyboard literature from the PreBaroque to the present time. Prerequisite: MUS 322. Credit: 3 semester hours.

MUS 429: Vocal Literature. An analytical and historical study of representative vocal works from the sixteenth century to the present time. Prerequisite: MUS 322. Credit: 3 semester hours.

MUS 430: Instrumental Literature. An analytical and historical representative instrumental works from the sixteenth century to the present time. Prerequisite: MUS 322. Credit: 3 semester hours.

NURSING

NUR 100A: Basic Pharmacotherapeutics. Introduces the major concepts of pharmacotherapeutics, establishes a knowledge base that applies to patient care and education. Prerequisites: Admission to the major or consent of the instructor. Credit: 2 semester hours.

NUR 103: Transition to Associate Degree in Nursing. Assists the Licensed Practical Nurse to move into the role of the associate degree nurse. Includes selected content on physical and psychological needs. Prerequisites: LP/VN license and admission to the major. Credit: 3 semester hours.

NUR 104A: Health Assessment. Provides the students with the knowledge necessary to perform a comprehensive health assessment utilizing the skills of history taking, inspections, palpation, percussion, and auscultation. Prerequisites: Admission to the major or consent of the instructor. Requires concurrent registration in NUR 105A & NUR 105AP. If the student drops or withdraws from NUR 105A or NUR 105AP the student must also drop or withdraw from NUR 104A. Credit: 3 semester hours.

NUR 105A: Introduction to Nursing Practice. Provides an introduction to fundamental concepts of nursing, process and practice. Prerequisite: Admission to the major or consent of the instructor. Requires concurrent registration in NUR 104A & NUR 105AP. If the student drops or withdraws from NUR 104A or NUR 105AP the student must also drop or withdraw from NUR 105A. Credit: 3 semester hours.

NUR 105AP: Introduction to Nursing Practice Practicum. Application of fundamental nursing skills using simulated patient care scenarios within a laboratory environment. Prerequisite: Admission to the major or consent of the instructor. Requires concurrent registration in NUR 104A & NUR 105A. If the student drops or withdraws from NUR 104A or NUR 105A the student must also drop or withdraw from NUR 105AP. Credit: 1 semester hour.

NUR 114A: Adult Health I: Designed to assist the student to integrate prior knowledge and advanced scientific principles in providing preventative, restorative, and maintenance/supportive care to adult clients and families experiencing common medical/surgical health alterations in selected settings. Prerequisites: Admission to the major, BIO 109, NUR 100A, NUR 104A, NUR 105A, & NUR 105AP. Requires concurrent registration in BIO 204 or NUR 114A. If the student drops or withdraws from BIO 204 or NUR 114A, the student must also withdraw or drop from NUR 114AP. Credit: 4 semester hours.

NUR 114AP: Adult Health I Practicum. Student- designed experience focusing on the role of the registered nurse as the provider and manager of care to adult clients and families in selected practice settings under the direct supervision of a clinical professional. Prerequisites: Admission to the major, BIO 109, NUR 100A, NUR 104A, NUR 105A, & NUR 105AP. Requires concurrent registration in BIO 204 or NUR 114A. If the student drops or withdraws from BIO 204 or NUR 114A, the student must also withdraw or drop from NUR 114AP. Credit: 3 semester hours.

NUR 115A: Behavioral Health. Principles and concepts of mental and behavioral health, psychopathology, and treatment modalities as they relate to the nursing care of individuals, families and groups. Prerequisites: Admission to the major, BIO 109, NUR 100A, NUR 104A, NUR 105A, & NUR 105AP. Requires concurrent registration in BIO 204 & NUR 114A. If the student drops or withdraws from BIO 204 or NUR 115AP, the student must also withdraw or drop from NUR 115AP. Credit: 3 semester hours.

NUR 115AP: Behavioral Health Practicum. Student- designed experience focused on the role of the registered nurse as a provider and manager of care for individual, families, and groups with behavioral or mental health challenges in

selected practice settings under the direct supervision of a clinical professional. Prerequisites: Admission to the major, BIO 109, NUR 100A, NUR 104A, NUR 105A, & NUR 105AP. Requires concurrent registration in BIO 204 &r NUR 114A. If the student drops or withdraws from BIO 204 or NUR 115AP, the student must also withdraw or drop from NUR 115AP. Credit: 2 semester hours.

NUR 118: Independent Study. This course will assist students with study skills, self-guided study of current nursing concepts and placement in the program; discuss simulation opportunities and collaborate with nursing lab coordinator for possible laboratory time for self-guided review of skills. Credit: 3 semester hours.

NUR 200B: Introduction to Genetics and Molecular Therapies. This course provides an introduction to organization of the human genome and basic principles of inheritance in humans; cells and development, chromosome structure and function, gene structure and function, genes in pedigrees and populations, implications of genetic variation on health; and genetic- driven therapeutics. Credit: 3 semester hours.

NUR 203: Nursing V. 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). Credit: 2 semester hours.

NUR 204A Maternal Newborn Health. Principles and concepts of health and illness, psychopathology, and treatment modalities as they relate to the nursing care of family during the antepartum, intrapartum, postpartum, and newborn periods. Prerequisites: Good standing in the major, BIO 109, NUR 100A, NUR 104A, NUR 105A, & NUR 105AP. Requires concurrent registration in PSY 223 & NUR 204AP. If the student drops or withdraws from NUR 204AP, the student must also withdraw or drop from NUR 204A. Credit: 3 semester hours.

NUR 204AP: Maternal Newborn Health Practicum. Student-designed experience focusing on the role of the registered nurse as the provider and manager of care for maternal clients, and their families during the antepartum, intrapartum, postpartum, and newborn periods in selected practice settings under the direct supervision of a clinical professional. Prerequisites: Good standing in the major, BIO 109, NUR 100A, NUR 104A, NUR 105A, & NUR 105AP. Requires concurrent registration in PSY 223 & NUR 204A. If the student drops or withdraws from NUR 204A, the student must also withdraw or drop from NUR 204AP. Credit: 2 semester hours.

NUR 205: Pharmacological Concept in Nur. This course will assist students with study skills, self-guided study of current nursing concepts and placement in the program; discuss simulation opportunities and collaborate with nursing lab coordinator for possible laboratory time for self-guided review of skills. Credit: 3 semester hours.

NUR 205A: Pediatric Health. Principles and concepts of pediatric health, psychopathology, and treatment modalities as they relate to the nursing care of children (infancy through adolescence) and their families. Prerequisites: Good standing in the major, BIO 109, NUR 100A, NUR 104A, NUR 105A, & NUR 105AP. Requires concurrent registration in PSY 223 & NUR 205AP. If the student drops or withdraws from NUR 205AP, the student must also withdraw or drop from NUR 205A. Credit: 3 semester hours.

NUR 205AP: Pediatric Health Practicum. Student- designed experience focusing on the role of the registered nurse as the provider and manager of care for pediatric clients and their families in a variety of practice settings under the direct supervision of a clinical professional. Prerequisites: Good standing in the major, BIO 109, NUR 100A, NUR 104A, NUR 105A, & NUR 105AP. Requires concurrent registration in PSY 223 & NUR 205A. If the student drops or withdraws from NUR 205A, the student must also withdraw or drop from NUR 205AP. Credit: 2 semester hours.

NUR 214A Adult Health II. Designed to assist the student to integrate prior knowledge and advancing scientific principles in providing preventative, restorative, and maintenance/supportive care to adult clients and families experiencing complex health alterations in selected settings. Prerequisites: Good standing in the major, BIO 109, BIO 204, PSY 223, NUR 100A, NUR 104A, NUR 105A, NUR 105AP,NUR 114A, NUR 114AP, NUR 115A, NUR 115 AP, NUR 204A, NUR 204AP, NUR 205A, NUR 205AP.Requires concurrent registration in NUR 214AP, NUR 215A & NUR 216A. If the student drops or withdraws from NUR 214A, the student must also withdraw or drop from NUR 214AP, NUR 215A & NUR 216A. Credit: 4 semester hours.

NUR 214AP Adult Health II Intensive Practicum. Student-designed experience focusing on the role of the registered nurse as the provider and manager of care for adult clients and their families in selected practice settings under the direct supervision of a clinical professional. Good standing in the major, BIO 109, BIO 204, PSY 223, NUR 100A, NUR 104A, NUR 105A, NUR 105AP, NUR 114A, NUR 114AP, NUR 115A, NUR 115 AP, NUR 204A, NUR 204AP, NUR 205A, NUR 205AP. Requires concurrent registration in NUR 214A, NUR 215A & NUR 216A. If the student drops or withdraws from NUR 214AP, the student must also withdraw or drop from NUR 214A, NUR 215A & NUR 216A. Credit: 3 semester hours.

NUR 215A: Synthesis Concepts. Provides a comprehensive and integrated review of the AAS in nursing curriculum with a broad range of assessment tools to evaluate student knowledge and skills as a final preparation before writing the NCLEX-RC© .Requires concurrent registration with NUR 214A. If the student drops or withdraws from NUR 214A, the student must drop or withdraw from NUR 215A. Credit: 2 semester hours.

NUR 216A: Professionalism in Nursing. Seminar discussion of issues and trends in professional nursing practice, transition into the workplace, nursing leadership and management, employment opportunities, continuing education, and professional responsibilities. Requires concurrent registration in NUR 214A. If the student drops of withdraws from NUR 214A, then the student must drop or withdraw from NUR 216A. Credit: 2 semester hours.

NUR 301: Application of Nursing Theory. 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. Credit: 2 semester hours.

NUR 301R: Information Management & Technology. Examination of informatics in health care emphasizing clinical information systems, utilization of informatics and the use of health care technologies in the management of individuals, groups and organizations for the improvement of patient outcomes. Prerequisites: NUR308R, NUR309R, NUR325R, NUR425R. Credit: 3 credit hours.

NUR 302R: Gerontological Nursing. This course provides an overview of the aging process, while emphasizing nursing competence when using evidence-based assessments and interventions. Prerequisites: All 300-level NUR classes. Credit: 2 semester hours.

NUR 306: Pathophysiology. 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. Credit: 3 semester hours.

NUR 307. Nursing Assessment. 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. Credit: 2 semester hours.

NUR 310: Professional Role Transition. Prerequisite: RN status. An examination of the professional role transition from ADN to BSN graduate. Topics include nursing history and professional socialization. Taught first eight weeks of semester. Credit: 1 semester hours.

NUR 313: Community Support Systems. 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. Three hours clinical practicum and two hours lecture per week. Taught second eight weeks of semester. Credit: 3 semester hours.

NUR 315: Aging Population. 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. Three hours clinical practicum and two hours lecture per week. Taught first eight weeks of semester. Credit: 3 semester hours.

NUR 321R: Professional Role Transitions. This course provides an examination of the professional role transition from ADN-to-BSN graduate. Prerequisite: Admission to the major. Credit: 3 semester hours.

NUR 322R: Nursing Assessment. This course builds on RN students' prior knowledge and clinical experience in developing more complex, comprehensive assessment skills. Prerequisite: Admission to the major. Credit: 3 semester hours.

NUR 323: Application of Nursing Theory. In this course RN students will examine perspectives on nursing trends, theories, and philosophies. Prerequisite: Admission to the major. Credit: 2 semester hours.

NUR 324: Patho/Pharm in Nursing Care. This course provides a pathophysiologic approach to pharmacology and an overview of drug approval, pharmokinetics, and pharmodynamics for the practicing registered nurse. Prerequisite: Admission to the major. Credit: 4 semester hours.

NUR 325: Teaching and Learning. This course introduces teaching and learning concepts for the practicing registered nurse access a diverse lifespan in a healthcare setting. Prerequisite: Admission to the major. Credit: 1 semester hour.

NUR 325B: Introduction to Healthcare Informatics Provides a conceptual foundation for understanding healthcare informatics and includes analysis of various applications of information systems within the context of the health care system. Emphasis is placed on the nurses' role in advanced quality of care. Prerequisites: ENG 101, ENG 102, PSY 200, & ALH 205. Required for all pre-licensure nursing majors. Credit: 3 semester hours.

NUR 325R: Public Health Nursing. RN students will apply theoretical and scientific knowledge to assess and evaluate population health trends and explore community health nursing principles. Prerequisite: Admission to the major. Credit: 1 semester hours.

NUR 326: Community Support Systems. This course discusses trending public health issues and requires completing 12 hours of observational learning experience in a variety of community healthcare settings. Credit: 4 semester hours.

NUR 330B: Health Assessment & Communication Across the Lifespan. Assessment and communication skills; development and application of cognitive skills to perform systematic, holistic, and culturally competent health assessments; emphasis on application of clinical reasoning involving assessment, nursing diagnoses, interventions, and outcomes. Prerequisite: Admission to the major. NUR 326: Community Support Systems. This course discusses

trending public health issues and requires completing 12 hours of observational experience in a variety of community healthcare settings. Prerequisite: Admission to the major. Credit: 4 semester hours.

NUR 340B: Nursing Care of Adults with Acute-Chronic Health Disorders. Description: Presentation of biological, psychological, socio-environmental, and spiritual concepts that inform basic nursing and pharmacological interventions for selected disorders and/or diseases. Prerequisite: Admission to the major. Requires concurrent registration in NUR 340BP, NUR 341B. If the student drops or withdraws from NUR 340BP or NUR 341B, the student must also drop or withdraw from NUR 340B. Credit: 4 semester hours.

NUR 340BP: Nursing Care of Adults with Acute- Chronic Health Disorders Practicum. In-depth clinical and laboratory-based experiences; application of basic and complex concepts of nursing care for adults of all ages in a variety of settings. Prerequisite: Admission to the major. Requires concurrent registration in NUR 340B, NUR 341B. If the student drops or withdraws from NUR 340B or NUR 341B, the student must also drop or withdraw from NUR 340BP. Credit: 3 semester hours.

NUR 341B: Professionalism and Patient Safety. Focuses on helping aspiring healthcare professionals improve patient safety by developing the competencies associated best practice outcomes. Emphasis is placed on the role of interprofessional collaborative practice in patient safety, quality management and quality improvement. Prequisite: Admission to the major. Requires concurrent registration in NUR 330B, NUR340B, NUR340BP. If the student drops or withdraws from NUR 330B, NUR340B, or NUR340BP, the student must also drop or withdraw from NUR341B. Credit: 2 semester hours.

NUR 345B: Nursing Care in Behavioral Health. Focus is on the roles of the professional nurse as provider of care; designer, coordinator, and manager of care; and member of the profession in caring for diverse individuals and populations experiencing psychiatric and mental health stressors. Prerequisites: NUR 330B, NUR 340B, NUR 340BP, NUR 341B. Requires concurrent registration in NUR 345BP, NUR 421B. If the student drops or withdraws from NUR 345B or NUR 421B, the student must also drop or withdraw from NUR 345BP. Credit: 3 semester hours.

NUR 345BP: Nursing Care in Behavioral Health Practicum. In-depth clinical and laboratory-based experience; application of basic and complex concepts of behavioral health nursing care to diverse clients across the age spectrum. Prerequisite: NUR 330B, NUR 340B, NUR 340BP, NUR 341B. Requires concurrent registration in NUR 345B, NUR 421B. If the student drops or withdraws from NUR 345B or NUR 421B, the student must also drop or withdraw from NUR 345BP. Credit: 2 semester hours.

NUR 401: Transcultural Nursing. 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. Credit: 2 semester hours.

NUR 404: Teaching/Learning in Nursing. 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. Credit: 2 semester hours.

NUR 405B: Nursing Care of Women, Children and Families. Focus is on the roles of the professional nurse as provider of care; designer, coordinator, and manager of care; and member of the profession in caring for diverse individuals and families during the childbearing and childrearing phases of family development. Prerequisites: NUR 330B, NUR 340B, NUR 340BP, NUR 341B. Requires concurrent registration in NUR 405BP, NUR 421B. If the student drops or withdraws from NUR 405BP or NUR 421B, the student must also drop or withdraw from NUR 405B. Credit: 3 semester hours.

NUR 405BP: Nursing Care of Women, Children and Families Practicum. In-depth clinical and laboratory- based experience; application of basic and complex concepts of maternal and child health. Prerequisite: NUR 330B, NUR 340B, NUR 340BP, NUR 341B. Requires concurrent registration in NUR 405B, NUR 421B. If the student drops or withdraws from NUR 405B or NUR 421B, the student must also drop or withdraw from NUR 405BP. Credit: 2 semester hours.

NUR 407: Nursing Research. 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. Credit: 2 semester hours.

NUR 408: Drug Therapy in Nursing. Prerequisite: RN status. An examination of pharmacothera-peutic 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. Credit: 2 semester hours.

NUR 410: Senior Capstone Seminar. A capstone experience for majors focusing on analysis of issues impacting professional nursing practice in a changing health care system. Taught second eight weeks of semester. Credit: 2 semester hours.

NUR 412: Vulnerable Populations. 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. Three hours clinical practicum and two hours lecture per week. Taught first eight weeks of semester. Credit: 3 semester hours.

NUR 413: Nursing Leadership. 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. Three hours clinical practicum and two hours lecture per week. Taught second eight weeks of semester. Credit: 3 semester hours.

NUR 415R: Pathophysiology for Nurses. RN students will utilize a systems approach to understand alterations and disruptions in normal human physiologic structure and function. Prerequisites: NUR 321R, NUR 325R, NUR 325RP, NUR 322R, NUR 301R, NUR 302R. Credit: 3 semester hours.

NUR 417R. Pharmacology for Nurses. RN students will review pharmacodynamics and pharmacokinetic principles and drug classifications in relation to the nurse's role in drug therapy to promote health and manage disease across the lifespan. Prerequisites: NUR 321R, NUR 325R, NUR 325RP, NUR 322R, NUR 301R, NUR 302R, NUR 415R. Credit: 3 semester hours.

NUR 421: Nursing Informatics. This course provides a fundamental understanding of nursing informatics to inform quality and safety patient outcome measures. Prerequisites: All 300-level NUR classes. Credit: 2 semester hours.

NUR 421B: Professional Role 2: Improving Health Systems. Develop basic knowledge of global healthcare systems and models, including healthcare policy and economics, and their influence on health disparities and delivery of healthcare. Prerequisite: Admission to the major. Requires concurrent registration in NUR 345B, NUR345BP, NUR405B, and NUR405BP. If the student drops or withdraws from NUR 345B, NUR345BP, NUR405B, or NUR405BP., the student must also drop or withdraw from NUR421B. Credit: 2 semester hours.

NUR 422: Nursing Research and EBP. This course provides a basic understanding of the research process and evidence-based practice (EBP) for the practicing registered nurse. Credit: 3 semester hours.

NUR 423: Transcultural Nursing. This course compares and contrasts the values, beliefs, and behaviors of diverse cultures/subcultures in a wide variety of healthcare settings. Prerequisites: All 300- level NUR classes. Credit: 3 semester hours.

NUR 424: Nursing Leadership. This course explores leadership role responsibilities while completing 12 hours of observational learning experience in a professional nursing leadership role. Prerequisites: All 300-level NUR classes. Credit: 4 semester hours.

NUR 432R: Nursing Research and EBP. This course provides a basic understanding of the research process and evidence-based practice (EBP) for the practicing registered nurse. Prerequisites: All 300-level NUR classes. Credit: 3 semester hours.

NUR 426: Senior Capstone Seminar. Course focuses on analysis of issues impacting professional nursing practice in a changing health care system. Prerequisites: All 300-level NUR classes. Credit: 3 semester hours.

NUR434R: Nursing Leadership. This course explores leadership role responsibilities. Prerequisites: NUR308R, NUR309R, NUR325R, NUR425R, NUR430R, NUR431, NUR432. Credit: 3 semester hours.

NUR 434RP: Nursing Leadership Practicum. This course explores nursing leadership role responsibilities in the provision of safe, high quality healthcare. Prerequisites: NUR 321R, NUR 325R, NUR 325RP, NUR 322R, NUR 301R, NUR 302R. Credit: 1 semester hour.

NUR 432R: Nursing Res. & Evid. Base. Pra. This course provides a basic understanding of the research process and evidence-based practice (EBP) for the practicing registered nurse. Prerequisites: All 300-level NUR classes. Credit: 3 semester hours.

NUR435R: Nursing in Global Healthcare Systems. Introduction to global health care systems and models, and their influence on health disparities and delivery of healthcare. Prerequisites: NUR308R, NUR309R, NUR325R, NUR425R, NUR430R, NUR431, NUR432. Credit: 3 semester hours.

NUR436R: Senior Capstone Seminar. Course focuses on analysis of issues impacting professional nursing practice in a changing health care system. Prerequisites: NUR308R, NUR309R, NUR325R, NUR425R, NUR430R, NUR431, NUR432. Credit: 3 semester hours.

NUR 440B: Nursing Care of Adults with Complex Health Disorders Option: Presentation of biological, psychological, socio-environmental, and spiritual concepts that inform complex nursing and pharmacological interventions for selected disorders and/or diseases. Prerequisites: NUR 345B, NUR 345BP, NUR 405B, NUR 405BP, NUR 421B. Requires concurrent registration in NUR 440BP, NUR 451B. If the student drops or withdraws from NUR 440BP or NUR 451B, the student must also drop or withdraw from NUR 440B. Credit: 5 semester hours.

NUR 440B9: Nurs. Car. of Adu. w/ Com. Pra. Nursing Care of Adults with Complex Health Disorders Practicum. In-depth clinical and laboratory-based experiences; application of basic and complex concepts of nursing care for adults of all ages in a variety of settings. Prerequisite: NUR 345B, NUR 345BP, NUR 405B, NUR 405BP, NUR 421B. Requires concurrent registration in NUR 440B, NUR 451B. If the student drops or withdraws from NUR 440B or NUR 451B, the student must also drop or withdraw from NUR 440BP. Credit: 3 semester hours.

NUR 440BP: Nursing Care of Adults with Complex Health Disorders Practicum. In-depth clinical and laboratory-based experiences; application ofbasic and complex concepts of nursing care for adults of all ages in a variety of settings. Prerequisite: NUR 345B, NUR 345BP, NUR 405B, NUR 405BP, NUR 421B. Requires concurrent registration in NUR 440B, NUR 451B. If the student drops or withdraws from NUR 440B or NUR 451B, the student must also drop or withdraw from NUR 440BP. Credit: 3 semester hours.

NUR 450B: Nursing Care of Older Adults (NUR450B). Provides an opportunity to explore the area of gerontological nursing, a field of nursing that focuses on the care of older adults. Prerequisites: NUR330B, NUR340B, NUR340BP, NUR341B, NUR345B, NUR345BP, NUR405B, NUR405BP, & NUR421B. Requires concurrent registration in NUR 440B, NUR440BP, NUR450BP. If the student drops or withdraws from NUR 440B, NUR440BP, or NUR450BP, the student must also drop or withdraw from NUR450B. Credit: 2 semester hours.

NUR 450BP: Nursing Care of Older Adults. This course is a study of the unique health care needs of older adults. Content includes the developmental, physiological, and psychosocial changes of the older adult in regard to health promotion, maintenance, and restoration. The course will emphasize the application of knowledge, skills, and attitudes within alegal/ethical framework. Credit: 2 semester hours.

NUR451B: Professional Role 3: Nursing Research. Emphasis on the research process and how as consumers of nursing research baccalaureate nurses apply the research process to practice. Prerequisites: Admission to the major. Requires concurrent registration in NUR 440B, NUR440BP, NUR450B, and NUR450BP. If the student drops or withdraws from NUR 440B, NUR440BP, NUR450B, or NUR450BP, the student must also drop or withdraw from NUR451B. Credit: 2 semester hours.

NUR 460B: Community and Public Health Nursing. Role of nursing in the relationship between community conditions and public health; emphasis on principles of public health combined with nursing knowledge and skills to address health needs of individuals, families, communities, and populations. Prerequisite: NUR 440B, NUR 440BP, NUR 450B, NUR 450BP, NUR 451B. Requires concurrent registration in NUR 465BP, NUR 461B, NUR 462B. If the student drops or withdraws from NUR 465BP, NUR 461B or NUR 462B, the student must also drop or withdraw from NUR 460B. Credit: 3 semester hours.

NUR461B Professional Role 4: Leadership & Professional Engagement**.** Presents theoretical principles of nursing leadership and management in diverse settings to promote quality patient outcomes. Prerequisites: Admission to the major. Requires concurrent registration in NUR 460B, NUR465BP, and NUR462B. If the student drops or withdraws from NUR 460B, NUR465BP, or NUR462B, the student must also drop or withdraw from NUR461B. Credit: 2 semester hours.

NUR462B: Intensive Review & Assessment. Provides a comprehensive and integrated review of the BSN curriculum with a broad range of assessment tools to evaluate student knowledge and skills as a final preparation before writing the NCLECX-RN©. Credit: 2 semester hours

NUR 465 BP: Professional Nursing Internship. Immersion capstone experience to engage in practice under direct supervision of a professional registered nurse mentor. Prerequisite: NUR 440B, NUR 440BP, NUR 450B, NUR 450BP, NUR 451B. Requires concurrent registration in NUR 460B, NUR 461B, NUR 462B. If the student drops or withdraws from NUR 460B, NUR 461B, or NUR 462B the student must also drop or withdraw from NUR 465BP. Credit: 3 semester hours.

PHYSICAL EDUCATION

PHE 109: Beginning Swimming. Designed to teach students basic skills in swimming, diving, and water safety. (Two labs per week). Credit: 1 semester hour.

PHE 118: Body Conditioning/Physical Fitness. Designed to help the student understand the basis of physical fitness and develop a systematic program of exercise. (Two labs per week). Credit: 1 semester hour.

PHE 120: Gymkhana Performance Class. This course offers beginning and advanced gymnastics. Open to all non-physical education majors. (Maybe repeated for credit). Credit: 1 semester hour.

PHE 121: Karate I. An introduction to physical and metaphysical aspects of the art of self-defense, meditation, and relaxation. (Two labs per week). Credit: 1 semester hour.

PHE 122: Karate II. An advanced course for students who are serious about the pursuit of the martial arts. (Two labs per week). Credit: 1 semester hour.

PHE 125: Team Sports I. The student will be exposed to the fundamental skills, techniques, and rules of volleyball, basketball, and football (Two labs per week.). Credit: 1 semester hour.

PHE 126: Team Sports II. Fundamental skills, techniques, terminology, strategy and rules of soccer, softball, and track will be addressed during the class setting. (Two hours of lab per week). Credit: 1 semester hour.

PHE 127: Individual Sports. Fundamental skills, techniques, terminology, strategy of tennis, archery and badminton will be addressed during the class setting. (Two hours of lab per week). Credit: 1 semester hour.

PHE 128: Individual Sports II. Fundamental skills, techniques, terminology, strategy and rules of golf, racquetball, and field will be addressed during the class setting. (Two hours of lab 420 per week). Credit: 1 semester hour.

PHE 209: Beginning Swimming. 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. Prerequisite: Physical Education major. Credit: 1 semester hour.

PHE 218: Teaching Body Conditioning. 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). Prerequisite: Physical Education major. Credit: 1 semester hour.

PHE 220: Gymkhana Performance Class. This course offers beginning and advanced gymnastics. (May be repeated for credit). Prerequisite: Physical Education major. Credit: 1 semester hour.

PHE 221: Karate I. Designed to expose students to intermediate and advanced techniques of performance and teaching strategies utilized in Karate. Prerequisite: Physical Education major. Credit: 1 semester hour.

PHE 222: Karate II. An advanced course designed for students who wish to advance to different belt levels. Prerequisite: PHE 221. Credit: 1 semester hour.

PHE 225: Team Sports I. Designed to expose the student to intermediate techniques of performance, teaching and assessment techniques of volleyball, basketball, and football. (Two labs per week.). Prerequisite: Physical Education major. Credit: 1 semester hour.

PHE 226: Team Sports II. The student will be exposed to fundamental skills, techniques, terminology, strategy and rules of soccer, softball, and track during the class setting. The student will also be exposed to the methods of teaching and assessment in the activities. (Two hours of lab per week). Prerequisite: Physical Education major. Credit: 1 semester hour.

PHE 227: Individual Sports I. The student will be exposed to the fundamental skills, techniques, terminology, and strategy of tennis, archery and badminton. The methods of teaching and assessment will also be addressed in the class setting. (Two hours of lab per week). Prerequisite: Physical Education major. Credit: 1 semester hour.

PHE 228: Individual Sports II. The student will be exposed to fundamental skills, techniques, terminology, strategy and rules of golf, racquetball, and field will be addressed during the class setting. The student will be exposed to the methods of teaching and assessment also in the activities. (Two hours of lab per week). Prerequisite: Physical Education major. Credit: 1 semester hour.

PHE 240: Intermediate Swimming. Review of beginning swimming skills. Instruction in techniques of all strokes useful to recreational swimming. (Two labs per week). Credit: 1 semester hour.

PHE 301: Human Anatomy for Physical Education and Sports. This course is designed to expose physical education majors to the muscular, skeletal, circulatory, and respiratory systems of the body and the relationship of those systems to physical education and sport. Prerequisite: Physical Education major. Credit: 3 semester hours.

PHE 302: Human Physiology for Physical Education and Sport. Prerequisites: BIO 111 and physical education major. A course in human physiology for physical education students. The following systems will be covered: nervous system, cardiovascular system, lymphatic, system, respiratory system, digestive system, temperature regulation, and the reproductive system. Credit: 4 semester hours.

PHE 320: Adapted Physical Education. Designed to familiarize students with conditions that limit individual participation in physical activity. (Two lectures, one lab per week; six hours of observation). Credit: 3 semester hours.

PHE 323: Principles of Physical Education. An introduction to the historical, philosophical, biological, physiological, sociological, and political principles of physical education and sports. (Three lectures per week). Credit: 3 semester hours.

PHE 324: Sports Injury: Prevention/Care. Designed to introduce the student to sports medicine. Laboratory experience is provided. (Two lectures, one lab per week). Credit: 3 semester hours.

PHE 330: Physiology of Exercise. Designed to present the physiological effects of exercise on the various body systems. (Two lectures, two labs per week). Credit: 4 semester hours.

PHE 331: Kinesiology/Biomechanics. Designed to provide an understanding of the anatomical and mechanical aspects of human movement. (Three lectures, one lab per week). Credit: 4 semester hours.

PHE 332: Motor Development/Motor Learning. Introduces students to major concepts of motor development and motor learning. Includes application of these concepts to the teaching of motor skills. Credit: 3 semester hours.

PHE 333: Psychological and Sociological Aspects of Sports. Aids the prospective teacher/coach to understand and apply the psychological and sociological concepts of sports and physical activity in the learning environment. Credit: 3 semester hours.

PHE 334: Principles of Strength and Conditioning. This course examines the scientific theories and principles of the physical conditioning process. Emphasis is placed on the design and implementation of effective strength and conditioning programs for enhanced health and fitness. Credit: 3 semester hours.

PHE 351: Lifeguard Training. Leads to certification by the American Red Cross. (Two labs per week). Prerequisites: CPR Certification, HED 107, and PHE 240 or comparable skills. Credit: 2 semester hours.

PHE 355: Sports Officiating. Intensive study of playing rules, rule interpretation, and techniques and mechanics of officiating. (Two lectures, one lab per week). Credit: 2 semester hours.

PHE 380: Coaching Competitive Athletics. Introduction to the theories and practices pertaining to athletic performance and athletic management for coaching. (Two lectures per week). Credit: 2 semester hours.

PHE 381: Coaching Volleyball and Basketball.Theory, strategy, and mechanics of coaching volleyball and basketball. (Two lectures per week). Credit: 2 semester hours.

PHE 389: Legal Aspects of Coaching Athletics. 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). Credit: 2 semester hours.

PHE 401: Tests and Measurements for Health and Physical Education. 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). Credit: 3 semester hours.

PHE 402: Research Methods. This course is designed to provide the student with a working knowledge of research methodology in health and human performance. This will assist them in identifying problem areas, designing and implementing data collection techniques for their research paper. Credit: 3 semester hours.

PHE 421: Organization and Administration of Health and Physical Education. Introduces the student to the principles, organization, and administration of school health, physical education, and intramural and interscholastic sports programs. (Three lectures per week). Credit: 3 semester hours.

PHE 423: Advanced Techniques in Athletic Training. 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. Credit: 3 semester hours.

PHE 425: Athletic Training High Impact Field Experience. Students obtain high impact field experience under the direct supervision of a certified athletic trainer. Prerequisite: PHE 423. Credit: 2 semester hours.

PHE 426: AssessmentProcedures in Athletic Training. Provides the students with knowledge and skills necessary to perform evaluation and implement rehabilitation protocols to injured athletes. Credit: 3 semester hours.

PHE 440: Internship in Physical Education. A supervised internship in a professional work environment, which will provide the student with exposure to the job market in physical education business and public health agencies. Credit: 3 semester hours.

PHILOSOPHY

PHI 200: Introduction to Philosophy. * 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. Credit: 3 semester hours.

PHI 210: Introduction to Logic. An introductory study of the art of reasoning. Attention to fallacies, inductive inference, traditional Aristotelian logic, and the modern logic of truth functions. Credit: 3 semester hours.

PHI 220: Classical Philosophy. A survey of the western and eastern philosophies from the ancient world, specifically the traditions of India, China, the Middle East, and Greece. Includes themes of justice, duty, the good life, the quest for wisdom, and how philosophy might be distinguished from religion. Credit: 3 semester hours.

PHI 310: Moral Philosophy. An introductory study of major issues in normative ethical theory and selected applied topics of social ethics, such as abortion and euthanasia. Credit: 3 semester hours.

PHI 330: Philosophy and Religion. 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. Credit: 3 semester hours.

PHI 350: Special Topics in Philosophy. A broad range of philosophical topics in specialized areas of philosophy, including historical periods, not covered in the current philosophy program curriculum. Examples include such topics as Philosophy of Technology, Philosophical Anthropology, and Modern Philosophy: Descartes to Kant. Consistent with other philosophy 300 level offerings, there are no prerequisites. Credit: 3 semester hours.

PHI 390: Philosophy and Science. An exploration of ethical issues arising from modern biology and medicine, including altruism and sociobiology, abortion, birth control technology, euthanasia, and genetic engineering. Credit: 3 semester hours.

PHI 400: Metaphysics. A critical investigation of arguments concerning categorical concepts including time, space, modalities of existence, and causality. Prerequisite: PHI 200 or 210 or consent of instructor. Credit: 3 semester hours.

PHI 410: Philosophy and Literature. An exploration of the intersection of speculative philosophy and imaginative literature, seeking to discover both resonance and contrast between philosophy and literature. Credit: 3 semester hours.

PHI 490: Survey of Basic Mathematical Logic. A survey of sentential and quantificational language systems and their calculi. Includes proofs of functional completeness, metatheorems, Gödel's proof, and elements of modal logic. Prerequisite: PHI 210 or one course above MAT 111. Credit: 3 semester hours.

PHI 495: Philosophy and Modern Culture. Explores the philosophies, belief systems, and value systems implicit in the expressive forms of modern and popular culture, particularly youth culture, broadly defined. Themes include: tradition and innovation, and whether or not popular culture presents a coherent system of belief. Credit: 3 semester hours.

PHYSICAL SCIENCES

PHS 201: Physical Sciences I. An inquiry-based combined lecture/laboratory course based on federal and state education standards covering the basic principles of motion, optics, sound and vibration, motion in the heavens, and important environmental topics. Prerequisite: Either completion of or testing out of remedial courses. Credit: 3 semester hours.

PHS 202: Physical Science II. An inquiry-based combined lecture/laboratory course based on federal and state education standards covering the basic principles of electricity, electrical circuits, magnetism, heat and energy, Earth internal processes, the surface of the Earth, and important environmental topics. Prerequisite: Either completion of or testing out of remedial courses. Credit: 3 semester hours.

PHS 211: Earth and Environmental Science. An inquiry based course covering topics in Earth and Environmental Sciences. Topics include internal and surface processes, the oceans, the atmosphere, and human interaction with the environment. Prerequisite: Either completion of or testing out of remedial courses. Credit: 3 semester hours.

PHS 221: Introduction to Weather Studies. This course discusses the causes of weather, the interactions between the atmosphere and the sun and the oceans. It also discusses weather instruments. Satellite and radar weather maps will be analyzed. Also discussed will be climate and climate change. Prerequisite: either completion of or testing out of remedial courses. Credit: 3 semester hours.

PHS 231: Introduction to Astronomy. This course is an inquiry-based introduction to astronomy including an understanding of the physical laws governing the Universe. Topics include optical instruments, laws governing astronomy, a detailed assessment of the solar system including current understanding of the formation and evolution of the solar system. Prerequisite: either completion of or testing out of remedial courses. Credit: 3 semester hours.

PHYSICS

PHY 130: Physics and Society. A lecture and discussion course about science topics in the news. Topics include terrorism, energy, nuclear energy and weapons, space flight, and global warming. The course will look at the science behind the issues to see why we are where we are today and the science between possible solutions and non-solutions. Prerequisites: Testing out of all or successful completion of all developmental courses. Credit: 3 semester hours.

PHY 207: Physics in Biological Science I. 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.) Prerequisite: MAT 120. Credit: 4 semester hours.

PHY 208: Physics in Biological Science II. 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.) Prerequisite: PHY 207. Credit: 4 semester hours.

PHY 211: General Physics I. 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.) Prerequisite(s): MAT 131, or consent of instructor. Credit: 5 semester hours.

PHY 212: General Physics II. 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.) Prerequisite: PHY 211 or MAT 132. Credit: 5 semester hours.

PHY 305: Electrical Circuits and Electronics for Engineers. Comprehensive electrical engineering principles for engineering and science majors. Topics include: Circuit analysis, power systems, electronic, digital logic, and instrumentation. Prerequisites: PHY 212, MAT 132. Credit: 3 semester hours.

PHY 311: Statics. 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.) Prerequisites: PHY 211 and MAT 132. Credit: 3 semester hours.

PHY 320: Engineering Thermodynamics. 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. Prerequisites: PHY 211 and MAT 132. Credit: 3 semester hours.

PHY 331/COS 331/CIT 331: Introduction to Robotics. Introduction to robotics including the design, building, and programming simple robots. Included will be the basic science, engineering, and mathematics needed to design and build a simple robot. Students will also be introduced to the topic of project management. The course is a combination lecture/laboratory course that will meet five hours per week for three credit hours. Credit: 3 semester hours.

PHY 340: Engineering Electromagnetics. 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. Prerequisite: PHY 212. Co-requisite: MAT 231. Credit: 3 semester hours.

PHY 346: Advanced Physics Laboratory. A laboratory course where students perform advance experiments in physics. Topics include modern physics, optics, and thermodynamics. Prerequisites: PHY 211, 212. Credit: 1 semester hour.

PHY 350: Electrical Circuits I. Fundamental laws and principles for linear circuits whose elements consist of passive and active components used in present day engineering practice. Determination of sinusoidal steady state responses using algebra of complex numbers. Three hours of lecture. Prerequisites: PHY 212 and MAT 132 or consent of instructor. Credit: 4 semester hours.

PHY 361: Modern Physics. 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. Prerequisite: PHY 212. PHY 320 is recommended. Co-requisite: MAT 232. Credit: 3 semester hours.

PHY 381: Undergraduate Research in Physics and Engineering. This course is designed to give pre- engineering majors an opportunity to conduct independent research. A formal oral presentation of the findings of the student is required. May be repeated for credit. Prerequisites: Junior standing in pre- engineering, mathematics, or chemistry and permission of the instructor. Credit: 1-4 semester hours.

PHY 390: Special Topics in Physics.* 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. Prerequisite: Permission of instructor. Credit: 3 semester hours.

PHY 399/BIO 399/CHE 399/COS 399/MAT 399: Undergraduate Teaching Experience. Students earn course credit for undergraduate teaching experience including but not limited to (1) assisting students during laboratory sessions, (2) helping to set up laboratories or lecture/lab quizzes, or (3) conducting PLTL-Excel type workshops for students. Course may be repeated for credit. Prerequisite: Consent of instructor. Credit: 1 semester hour.

PORTUGUESE

POR 101: Portuguese I. This course provides an introduction to the basics of the Portuguese language. Course content will focus on building proficiency in speaking, listening, reading, and writing Portuguese. Prerequisite: ENG 101. Credit: 3 semester hours.

POR 102: Portuguese II. This course builds upon the foundational material in Portuguese 101. Course content will focus on building proficiency in speaking, listening, reading, and writing Portuguese. Prerequisite: POR 101. Credit: 3 semester hours.

POLITICAL SCIENCE

POS 101: American Government. 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. Credit: 3 semester hours.

POS 160: State and Local Government. An examination of the structure and function of state and local political institutions, the forms of political participation, and various policy issues. Prerequisite: POS 101 or consent of instructor. Credit: 3 semester hours.

POS 201: Metropolitan Government. A study of municipal government and metropolitan problems, including politics, the role of the city council, the mayor, and the city manager. Prerequisite: POS 101 or consent of instructor. Credit: 3 semester hours.

POS 211: Introduction to Political Science. An introduction to the study of behavior in a political context, including an analysis of behavioral concepts such as political roles, groups, and power. Prerequisite: POS 101 or consent of instructor. Credit: 3 semester hours.

POS 291: Political Science Internship I. 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. Credit: 3-12 semester hours.

POS 300: Statistics for BSS. 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. Credit: 3 semester hours.

POS 301: Research Methods for BSS. 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. Credit: 3 semester hours.

POS 311: Comparative Government. An analysis of the major political systems of Europe, with emphasis on Great Britain, France, the German Federal Republic, and the Soviet Union. Prerequisite: POS 211 or consent of instructor. Credit: 3 semester hours.

POS 322: Legislative Process.A comprehensive study of legislative organization, procedures and problems governing the legislative power structure, the selection of legislators, and the roles they play. Prerequisites: POS 101 and POS 160, or consent of instructor. Credit: 3 semester hours.

POS 331: American Constitutional Law. An analysis of the constitutional development of separation of powers, federalism, the regulation of commerce, contracts, taxing and spending, and the state police power. Prerequisite: POS 160. Credit: 3 semester hours.

POS 355: Classical Political and Sociological Theory. An examination of western political philosophy from Plato to Marx with emphasis on Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, and Marx. Prerequisite: Consent of instructor. Credit: 3 semester hours.

POS 361: World Politics. An examination of the dynamics of world politics, international tension, conflict, and resolution. Credit: 3 semester hours.

POS 363: International Organizations. 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. Prerequisite: Consent of instructor. Credit: 3 semester hours.

POS 431: The Constitution and Civil Liberties. An examination of constitutional development and the definition of American rights in the areas of freedom of speech, press, assembly, association, and religion. Prerequisites: POS 160 and POS 211. Credit: 3 semester hours.

POS 446: American Political Executives. An analytical examination of the powers, duties, and functions of American political executives in national, state, and local governments. Prerequisites: POS 201, POS 211, and POS 331 or consent of instructor. Credit: 3 semester hours.

POS 461: American Politics. An advanced political science course that addresses the American political heritage. Specific emphasis is placed on the Constitution, political behavior, and electoral systems. Prerequisite: POS 160 or consent of instructor. Credit: 3 semester hours.

POS 462: Politics of Developing Nations. A comparative analysis of political culture, processes, and problems of selected nations, the majority of which have become independent since World War II. Prerequisite: POS 211. Credit: 3 semester hours.

POS 464: African Politics. A survey course designed to introduce students to African political structure, its historical background, the impact of colonization, recent trends, and ideologies. Prerequisite: Consent of instructor. Credit: 3 semester hours.

POS 291, 391, 491: Political Science Internship I, II, III. 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. Prerequisites: Political Science major or minor and consent of instructor. Credit: 3-12 semester hours.

POS 495: Directed Study in Political Science. Course content, instructional activities, and student assignments are tailored to specific needs. Prerequisite: Consent of instructor. Credit: 3 semester hours.

POS 499: Senior Colloquium. Prerequisite: Senior Classification. This course is designed to develop analytical skills, interpretation and research; and to nurture intellectual self/reliance and critical thinking. Credit: 3 semester hours.

PSYCHOLOGY

PSY 200: General Psychology. 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. Credit: 3 semester hours.

PSY 215: Orientation to Psychology. A course focused on preparing students to write in the discipline, meet and learn about psychology faculty research interests, introduction to research methods, and statistical analyses in the behavioral sciences. Prerequisite/Co- requisite: PSY 200 & grade of C or above in MAT 111; Psychology Majors Only or consent of the instructor. Credit: 3 semester hours.

PSY 223: Theories and Methods in Developmental Psychology. 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. Credit: 3 semester hours.

PSY 300: Statistics for BSS. 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. Credit: 3 semester hours.

PSY 301: Research Methods for BSS. 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. Credit: 3 semester hours.

PSY 223: Theories and Methods of Developmental Psychology. 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. Credit: 3 semester hours.

PSY 304: Experimental Psychology. 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.
Prerequisites: PSY 200. Credit: 3 semester hours.

PSY 320: History and Systems of Psychology. 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. Prerequisite: PSY 200 or consent of instructor. Credit: 3 semester hours.

PSY 399: Seminar in Psychology. A specific area of psychology will be studied based on current trends and students' needs. This course serves as a precursor to PSY 499, Senior Colloquium. Students begin work on their Senior Colloquium papers as part of this course. Prerequisite: PSY 301. Credit: 3 semester hours.

PSY 400: Abnormal Psychology. A study of the nature and concept of abnormality; problems and schemes of classification; and the theories, symptoms, etiology, and treatment of deviant behavior. Prerequisite: PSY 200. Credit: 3 semester hours.

PSY 401: Personality Theory. Major theories of personality and personality development are closely examined, including psychodynamics, behavioral, trait, humanistic, cognitive, and other approaches. Prerequisite: PSY 200. Credit: 3 semester hours.

PSY 402: Industrial Psychology. 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. Prerequisite: PSY 200. Credit: 3 semester hours.

PSY 403/SOC 403: Social Psychology. A study of social and individual dynamics, social roles, attitude formation and change with emphasis on behavioral variation and social control. Prerequisites: PSY 200 and SOC 203 or consent of advisor or instructor. Credit: 3 semester hours.

PSY 404: Psychological Assessment. 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. Prerequisite: PSY 200. Credit: 3 semester hours.

PSY 407: Theories of Psychotherapy. This course provides an introduction to various approaches to the treatment of psychological problems. Prerequisites: PSY 400 and PSY 401, or consent of instructor. Credit: 3 semester hours.

PSY 408: Learning and Motivation. The examination of behavior through principles of classical, operant, and cognitive learning theories and research, and through theories and research regarding motivation. Prerequisite: PSY 200. Credit: 3 semester hours.

PSY 409: Cognitive Psychology. 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. Prerequisite: PSY 200. Credit: 3 semester hours.

PSY 410: Physiological Psychology. The study of the neurophysiological bases of behavior, with emphasis on neuroanatomy and the physiology of learning, motivation, emotion, and sensation. Prerequisite: PSY 200. Credit: 3 semester hours.

PSY 411: Sensation and Perception. Human sensory and perceptual processes will be examined. Major theories and experimental findings will be presented. Includes laboratory assignments. Prerequisites: PSY 200. Credit: 3 semester hours.

PSY 413: Social Cognition. 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. Prerequisites: PSY 200. Credit: 3 semester hours.

PSY 490; 491; 492: Psychology Practicum I, II, and III. A directed reading, research, or pre-professional working/ learning experience for advanced students in psychology. May be taken independently and designed in collaboration with an advisor, or taken as a course covering ethical guidelines in research and practice. Prerequisites: Advanced standing in psychology as either a Junior or Senior and consent of advisor or instructor. Credit: 1-6 semester hours.

PSY 497/SOW 497: Special Topics in Psychology. 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 credit hours). Prerequisites: Psychology Junior/Senior status, GPA 3.0. Credit: 3 semester hours.

PUBLIC ADMINISTRATION

PUA 301: Public Budgeting Processes. An examination of the managerial components of budgetary processes in the government agencies. Credit: 3 semester hours.

PUA 302: Public Sector Management. A survey of the managerial issues in the government agencies including organization, personnel, budget, political accountability, clientele relations, and human resources development. Credit: 3 semester hours.

PUA 303: Research Methods in Public Administration. Application of social science research techniques to the problems of public sector management. Development of analytical perspectives in evaluating administrative research reports. Credit: 3 semester hours.

PUA 304: Comparative Administrative Systems and Policies. An analysis of public management in selected nations with specific focus on the comparison of public policies, programs, and their implementations. Credit: 3 semester hours.

PUA 305: Contemporary Public Policy Issues. An overview of selected public policy issues in America. The choice of topics may include tax policy, health care, welfare, and foreign policy. Credit: 3 semester hours.

PUA 322: Management Information Systems. This course examines technical, psychological and behavioral aspects of information systems, life cycles, and information controls. Credit: 3 semester hours.

PUA 371/HED 371/SOW 371: Introduction to Public Health. 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. Credit: 3 semester hours.

PUA 400: Policy Analysis and Program Evaluation. Analysis of the impact of programs and policies in the public sector. Credit: 3 semester hours.

PUA 401: Organizational Behavior and the Bureaucratic Structure. A study of behavior in public organizations and practical use of organizational theories in effective public management. Credit: 3 semester hours.

PUA 402: Human Resources Management in Public Agencies. An introduction to human resource management. The topics may include recruitment, personnel development, job analysis, productivity, employee assistance services, and grievance analysis. Credit: 3 semester hours.

PUA 404: African Public Administration and Policies. Compares the administrative system of Sub-Saharan African countries in light of prevailing political, legal, economic, and cultural influences. Credit: 3 semester hours.

PUA 491: Internship. Integrates theoretical perspectives with work as an intern in a public or non- profit setting. Prerequisites: Declared major or minor in Public Administration; not already employed full-time in the field; prior permission of the instructor. Credit: 3 semester hours.

PUA 495: Directed Study. 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. Prerequisite: Prior permission by the instructor and the Chair. Credit: 3 semester hours.

PUA 497: Special Topics. A seminar for the discussion of special topics in public administration. May be repeated once. Credit: 3 semester hours.

PUA 499: Senior Seminar. * A capstone experience for public administration majors. The seminar will integrate theory and research with practice. Prerequisite: PUA 302, 303, 305, and 400, or consent of the Chair. Credit: 3 semester hours.

RECREATION

REC 101: Introduction to Recreation. Special attention is given to the history of recreation, principles of organization, finance, administration, and supervision. Credit: 3 semester hours.

REC 201: Recreational Games and Sports. The theory and practice of teaching recreational games and sports needed in developing sound recreational programs. Prerequisite: REC 101 or approval of chairperson. Credit: 3 semester hours.

REC 322: Inclusion and Special Recreation. Introduces students to the philosophy, objectives, and basic concepts of inclusive recreation. Field work required. Prerequisite: REC 101 or approval of chairperson. Credit: 3 semester hours.

REC 343: Organization and Administration of Playgrounds and Recreation. Focus on city problems as related to play and recreation, planning, authority and responsibility, programs, leagues, tournaments, equipment, supplies, and public relations. Credit: 3 semester hours.

REC 364: Camping and Camp Counseling. Includes theories and philosophies of camping and camp counseling. Emphasis on organizing and administering practical experiences in camping. Prerequisite: REC 101 or approval of chairperson. Credit: 3 semester hours.

REC 390: Rec Clinical Exper. Prerequisites: PHE 355, REC 101, REC 201, REC 322, and senior classification. Course provides clinical experience in recreation dealing specifically with special populations. Credit: 3 semester hours.

REC 400: Field Experience. Prerequisites: PHE 355, REC 101, REC 201, REC 322, and junior classification. Students engage in supervised leadership experiences in recreation agencies. Credit: 3 semester hours.

REC 402: Recreation Field & Clinical Experience. Course provides supervised clinical experience in recreation dealing with specific populations. Students also engage in supervised leadership experiences in recreation agencies. Field hours required. Prerequisite: Junior or senior status. Credit: 3 semester hours.

RELIGIOUS STUDIES

REL 201: Topics in Religion. A survey of various questions and topics of the world's major religious traditions. Emphasizes historical, anthropological, and symbolic analysis and understanding. Credit: 3 semester hours.

REAL ESTATE

RES 101: Principles of Real Estate. 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. Credit: 3 semester hours.

RES 102: Real Estate Marketing. This course prepares students to market real property by teaching them the proper way to advertise property, to prospect for new clients, to show property, to negotiate contracts, and to close the transaction. Federal and state laws relating to real estate advertising and fair housing will be included. Credit: 3 semester hours.

RES 104: Real Estate Law. 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. Credit: 3 semester hours.

RES 201: Real Estate Valuation. Introduction to the real estate market, including land values, construction costs, residential and commercial appraisals, and transactions of rental income into present value. Credit: 3 semester hours.

RES 202: Residential Construction. 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. Credit: 3 semester hours.

RUSSIAN

RUS 171: Elementary Russian I. An introduction to the basics of Russian language and culture. Credit: 3 semester hours.

RUS 172: Elementary Russian II. A continuation of RUS 171 with emphasis on Russian grammar, pronunciation, vocabulary and some writing. Prerequisite: RUS 171 or consent of instructor. Credit: 3 semester hours.

SUPPLY CHAIN MANAGEMENT

SCM 320: Sourcing. All organizations need to acquire goods and services for use, and many acquire them for resale. The many purchasing principles that have been developed to assist firms in deploying their resources effectively will be studied in this course. The perspective of this course is that organizational and customer needs satisfaction serve as the motivational factor underlying the processes. Prerequisite: MGT 352. Credit: 3 semester hours.

SCM 340: Logistics. Prerequisite: MGT 352. Analysis of logistic and transport services. Contemporary issues in: customer service; distribution operations; purchasing; warehousing location, design, and operation; carrier selection; transportation costing and negotiation. Credit: 3 semester hours.

SCM 452: Global Supply Chain Management. Overview of supply chain management from and international perspective. Includes international logistics, global sourcing, customer issues and facility location. Prerequisite: MGT 352. Credit: 3 semester hours.

SCM 480: SCM Internship. On-the-job employment related to the discipline of supply chain management. Graded pass/fail. Prerequisites: junior or senior classification and consent of chairperson; minimum GPA 3.0. Credit: 3 semester hours.

SCM 490: SC Solutions with ERP. Planning and control systems for product and service flows in the supply chain. Extended ERP-the management of inter- enterprise business processes like Customer Relationship Management and Supply Chain Management as well as analytical applications. Integration of management, sales, marketing, finance, operations, e-business technology to create a true customer-focused strategy in Business-to Business (B2B) and Business-to-Consumer (B2C) markets. Prerequisites: MIS 300, MGT 352, SCM 320, SCM 340. Prerequisites or co-requisites: SCM 452, senior standing. Credit: 3 semester hours.

SOCIOLOGY

SOC 201: Eco of Food & Agriculture. The course offers an introduction to agriculture economics and some basic tools and concepts essential to economic decision making. Credit: 3 semester hours.

SOC 203: Principles of Sociology. Survey of the basic principles and concepts of sociology. Credit: 3 semester hours.

SOC 303: Cultural Anthropology. Introduction to the scientific study of human culture; the examination of the ecological, historical, and evolutionary foundations of culture. Prerequisite: SOC 203. Credit: 3 semester hours.

SOC 304: Race and Ethnic Relations. 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. Prerequisites: SOC 203. Credit: 3 semester hours.

SOC 305: Contemporary Social Problems. An examination of social issues and conflicts of society from a sociological perspective. Prerequisite: SOC 203. Credit: 3 semester hours.

SOC 312: Sociology of Poverty. Prerequisite: SOC 305. Investigation of the socio/cultural factors that contribute to poverty and deprivation in rural and urban settings. Credit: 3 semester hours.

SOC 314: Demography. 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. Prerequisites: SOC 203. Credit: 3 semester hours.

SOC 320: Social Stratification. 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. Prerequisite: SOC 203 or consent of instructor. Credit: 3 semester hours.

SOC 330: Sociology of Education. Focuses on education's role in creating and redressing inequality, and in shaping how we understand our place in society. Education form cross-national and historical perspectives, and education as a vehicle for examining and solving social problems. Prerequisites: SOC 203. Credits: 3 semester hours.

SOC 343: Juvenile Delinquency. The prerequisite may be taken concurrently. Study of the causes of delinquency as revealed through personal, family, and community situational conditions. Prerequisite: SOC 203. Credit: 3 semester hours.

SOC 350: Urban Sociology. 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. Prerequisite: SOC 203. Credit: 3 semester hours.

SOC 400: Internship. 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. Credit: 3 semester hours.

SOC 403/PSY 403: Social Psychology. A study of social and individual dynamics, social roles, attitude formation and change with emphasis on behavioral variation and social control. Prerequisite(s): PSY 200 and SOC 203, or consent of instructor. Credit: 3 semester hours.

SOC 405: Sociological Theory. The social, cultural, and intellectual foundations of sociological theory. Prerequisite: Junior classification in Sociology. Credit: 3 semester hours.

SOC 423: Criminology. 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. Prerequisite: SOC 203. Credit: 3 semester hours.

SOC 428: Applied Sociology. 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. Credit: 3 semester hours.

SOC 430: Child Welfare Services. 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. Credit: 3 semester hours.

SOC 431: Social Change. A seminar in which students present and defend independently developed projects on the dynamics of change. Prerequisites: SOC 203. Open to seniors only. Credit: 3 semester hours. SOC 490, 491, 492: Sociological Practicum I, II, III. A directed reading, research, or pre- professional working-learning experience for selected students in sociology. Prerequisite: Consent of instructor. Credit: 1-6 semester hours.

SOC 490: Sociology Practicum I. Prerequisite: Consent of instructor. A directed reading, research, or pre/professional working/learning experience for selected students in sociology. Credit: 1 semester hours.

SOC 491: Sociology Practicum II. Prerequisite: Consent of instructor. A directed reading, research, or pre/professional working/learning experience for selected students in sociology. Credit: 1 semester hours.

SOC 492: Sociology Practicum III. Prerequisite: Consent of instructor. A directed reading, research, or pre/professional working/learning experience for selected students in sociology. Credit: 1 semester hours.

SOC 499: Senior Colloquium. Prerequisite: Senior Classification. This course is designed to develop analytical skills, interpretation and research; and to nurture intellectual self/reliance and critical thinking. Credit: 3 semester hours.

SOCIAL WORK

SOW 201: Career Choices in Social Work. 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. Credit: 3 semester hours.

SOW 210: Alcohol and Substance Problems. This course addresses issues relating to alcohol and other substances. Special emphasis is placed on cultural and socio-economic facts that impact substance abuse. Credit: 3 semester hours.

SOW 306: Human Behavior I. This course provides the opportunities for students to explore theories and knowledge of human bio-psycho-social development in systems of diverse sizes from young-adulthood through old-age. These systems include the context of family as a social group, small groups such as work and religious and other organizations such as those providing services, community (neighborhood) and institutions. The framing of assessments by theory and ethical generalist practice principles will assist the student in exploring how behavior is impacted by diverse social and environmental systems. The impact of personal characteristics such as race, sex, gender, age and so forth on the personal and professional self and on potential clients in the social work assessment will be explored. Prerequisite: SOW 201, 314 and Admission to the Social Work Program. Credit: 3 semester hours.

SOW 307: Human Behavior II. This course is the second of two required courses in human behavior in the social environment. It completes the foundation sequence in this area. This course provides the opportunities for students to explore theories and knowledge of human bio-psycho-social development in systems of diverse sizes from young-adulthood through old-age. These systems include the context of family as a social group, small groups such as work and religious and other organizations such as those providing services, community (neighborhood) and institutions. The framing of assessments by theory and ethical generalist practice principles will assist the student in exploring how behavior is impacted by diverse social and environmental systems. The impact of personal characteristics such as race, sex, gender, age and so forth on the personal and professional self and on potential clients in the social work assessment will be explored. Prerequisite: SOW 201, 314 and Admission to the Social Work Program. Credit: 3 semester hours.

SOW 308: This course provides students with an overview of the institution of family with specific emphasis on diversity of relationships and family structures as well as how gender identity, race, class, and sexuality shape the family experience. The course explores both contemporary and historical aspects of singlehood, courtship, partner selection, cohabitation, marriage, sexuality, and family. Additionally, this course explores relationship quality, communication, conflict, and the termination of relationships. Credit: 3 semester hours.

SOW 310: Cultural Inclusion & Social Justice. This course is an intensive examination of the dynamics of various forms of oppression in U.S. society. The selection of the oppression of racism as a primary focus for the course is deliberate. Through the analysis of critical race theory and intersectionality, students will come to understand the reasoning for this emphasis. The course begins with an analysis of racism from structural, social, psychological and applied perspectives. This approach then frames the analysis of other forms of oppression, such as white supremacy, sexism, classism, ableism, religious oppression/persecution, ageism, homophobia/heterosexism, etc. The course is designed to stimulate critical thinking, heighten self-awareness to implicit biases that we may carry, and develop systematic critical analyses that lead to identifying ways that social workers can intervene and oppose oppression professionally and personally. SOW 201, 314 and Admission to the Social Work Program. Credit: 3 semester hours.

SOW 314: The social work practice sequence at KSU consists of SOW 314, 315, and 316. All courses in the practice sequence explore the relationships between micro, mezzo, and macro level systems in order to interpret and intervene to enhance social functioning. Special attention is given across the practice sequence to promoting a critical understanding of the NASW Code of Ethics and the cultural competence to work effectively with diverse populations. The second class of the practice sequence, Generalist Social Work Practice II (SOW 315) focuses on mezzo systems of families and small groups. Application of social work values, knowledge and methods with families and small groups is emphasized. Engagement, assessment, planning intervention strategies, resource utilization and evaluation are examined in work with these mezzo-level systems. Prerequisite: SOW 201 and Admission to the Social Work Program. Credit: 3 semester hours.

SOW 315: The social work practice sequence at KSU consists of SOW 314, 315, and 316. All courses in the practice sequence explore the relationships between micro, mezzo, and macro level systems in order to interpret and intervene to enhance social functioning. Special attention is given across the practice sequence to promoting a critical understanding of the NASW Code of Ethics and the cultural competence to work effectively with diverse populations. The second class of the practice sequence, Generalist Social Work Practice II (SOW 315) focuses on mezzo systems of families and small groups. Application of social work values, knowledge and methods with families and small groups is emphasized. Engagement, assessment, planning intervention strategies, resource utilization and evaluation are examined in work with these mezzo-level systems. Prerequisites: SOW 201, 314 and Admission to the Social Work Program. Credit: 3 semester hours.

SOW 316: The social work practice sequence at KSU consists of SOW 314, 315, and 316. All courses in the practice sequence explore the relationships between micro, mezzo, and macro level systems in order to interpret and intervene to enhance social functioning. Special attention is given across the practice sequence to promoting a critical understanding of the NASW Code of Ethics and the cultural competence to work effectively with diverse populations. The second class of the practice sequence, Generalist Social Work Practice II (SOW 315) focuses on mezzo systems of families and small groups. Application of social work values, knowledge and methods with families and small groups is emphasized. Engagement, assessment, planning intervention strategies, resource utilization and evaluation are examined in work with these mezzo-level systems. Prerequisites: SOW 201, 314, 315 and Admission to the Social Work Program. Credit: 3 semester hours.

SOW 321: Social Welfare Policy I 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. Prerequisite: Prerequisites: SOW 201 and Admission to the Social Work Program. Credit: 3 semester hours.

SOW 322: Social Welfare Policy II: An understanding of the historical perspectives of social welfare policies as they impact current policy issues is the focus of the course. This is combined with an examination of the processes of policy formulation. Models of policy analysis assist students in identifying the impact of policy on citizens representing a diversity of backgrounds. Prerequisites: SOW 201, 321 and Admission to the Social Work Program. Credit: 3 semester hours.

SOW 352: Child Abuse & Neglect I. This course is designed to provide a comprehensive introduction to child abuse and neglect from a social work perspective. Social workers in all professional work settings must know how to identify child maltreatment and domestic violence. Students will learn the family dynamics and indicators of maltreatment and effective interventions on the micro and macro level. Additionally, students will learn the extent of the problem, effects on children, treatment issues, the social worker's role in a multidisciplinary team approach, and how to advocate for individuals and families. (This course is the first of two specific course requirements for the Public Child Welfare Certification Program (PCWCP) available through Eastern Kentucky University (EKU) and the Department for Community-Based Services (DCBS). Non-PCWCP students may also complete this course, although they will not receive training credit through the PCWCP.) Prerequisites: SOW 201 and Admission to the Social Work Program. Credit: 3 semester hours.

SOW 353: Child Abuse & Neglect II. This course focuses on interventions to protect children from neglect, physical abuse, sexual abuse, and emotional abuse by strengthening, supporting and empowering their families. The course explores the history, mission, and scope of child welfare services and practice, including the underlying philosophy and values that drive child welfare practice, and addressing cultural and relationship issues when working with families. The course covers conceptual and practical information on identifying child maltreatment; assessing family needs and strengths; determining the level of risk to children for future maltreatment; case planning; applying a casework model to working with families; interviewing skills in a child welfare setting and integrating the use of professional authority in these activities. Prerequisites: Admission into PCWCP. Credit: 3 semester hours.

SOW 400: Statistics for Social Work. 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. Prerequisites: SOW 201 and Admission to the Social Work Program. Credit: 3 semester hours.

SOW 401: Research Methods for Social Work. Prerequisite: SOW 400 or consent of instructor. Introduces the basic logic, knowledge, and skills of research design and methodology in Social Work. Prerequisites: SOW 201, 400 and Admission to the Social Work Program. Credit: 3 semester hours.

SOW 422: Field Instruction I. 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. Prerequisite: Admission to Social Work Program and consent from Field Director. Credit: 6 semester hours.

SOW 423: Social Work Seminar I. Students integrate knowledge, values, and skills learned in the classroom with their practice experience in an agency. Prerequisites: SOW 322 and consent from Field Director. Co- requisite: SOW 422. Credit: 3 semester hours.

SOW 424: Field Instruction II. Under faculty supervision, students work 24 hours per week in an approved social service agency. Prerequisites: SOW 422, SOW 423, and and consent from Field Director. Credit: 6 semester hours.

SOW 425: Social Work Seminar II. Taken in conjunction with SOW 424. Students are offered an opportunity to refine skills in problem-solving as a final preparation for professional practice. Prerequisites: SOW 422, SOW 423, and consent from Field Director. Co-requisite: SOW 424. Credit: 3 semester hours.

SPANISH

SPA 101: Elementary Spanish I. An introductory Spanish course with emphasis on elementary grammar, vocabulary building, reading and listening comprehension. Not for students with prior background in Spanish. Prerequisite: ENG 099 or an ACT English sub-score of 18 and above. Credit: 3 semester hours.

SPA 102: Elementary Spanish II. Continuation of SPA 201 with greater emphasis on pronunciation and oral expression. Conducted in both Spanish and English. Prerequisite: SPA 101 or equivalent (prior background in Spanish or departmental test scores). Credit: 3 semester hours.

SPA 103: Beginning Spanish for Health Care Professionals I. This course is the first semester of Spanish at the beginning level for health care professionals. It is equivalent to SPA 101 and, therefore, cannot be taken as a second semester language course to fulfill the foreign language requirement. Prerequisite: ENG 101 or permission of instructor. Credit: 3 semester hours.

SPA 104: Beginning Spanish for Health Care Professionals II. This course is the second semester of Spanish at the beginning level for health care professionals. It is equivalent to SPA 102. Prerequisite: SPA 103. Credit: 3 semester hours.

SPA 201: Intermediate Spanish I. More advanced work in grammar, vocabulary building, reading and listening comprehension, beginning emphasis on pronunciation and oral expression. Conducted in both Spanish and English. Prerequisite: SPA 102 or equivalent (prior background in Spanish or departmental test scores). Credit: 3 semester hours.

SPA 202: Intermediate Spanish II. Continuation of SPA 201 with greater emphasis on pronunciation and oral expression. Conducted in both Spanish and English. Prerequisite: SPA 201 or equivalent (prior background in Spanish or departmental test scores). Credit: 3 semester hours.

SPA 303: Advanced Spanish I. Intensive review of grammatical structures, with emphasis on reading, writing, speaking, and listening comprehension. Conducted in both Spanish and English. Prerequisite: SPA 202 or equivalent. Credit: 3 semester hours.

SPA 304: Advanced Spanish II. Intensive conversational practice to develop fluency, clarity, and precision in oral expression of ideas. Conducted in Spanish. Prerequisite: SPA 303 or equivalent. Credit: 3 semester hours.

SPA 320: History, Culture and Civilization of Spain and Latin America. This core course studies the history, art culture, and everyday life of Spain and Latin American beginning with Prehistoric Spain and Latin America into the 21st century. Conducted in Spanish. Prerequisite: SPA 304. Credit: 3 semester hours.

SPA 355: History and Phonetics of the Spanish Language. This course is an introduction to the science of Spanish linguistics, including phonology, morphology, syntax and semantics of the Spanish language as well as the history of the language. Conducted in Spanish. Prerequisite: SPA 304. Credit: 3 semester hours.

SPA 383: Study Abroad Spanish Communication. This course is designed for students studying outside the United States in a Spanish-speaking location. Prerequisite: SPA 202 or consent of instructor. Credit: 1-6 semester hours.

SPA 398: Advanced Spanish Composition. This course is an intensive study of grammar and sentence structure with emphasis on learning how to research topics and write compositions in Spanish. Conducted in Spanish. Prerequisite: SPA 355. Credit: 3 semester hours.

SPA 399: Advanced Spanish Conversation. This course consists of conversations on daily subjects of current interest pertaining to the Spanish speaking world. Students will acquire new vocabulary through the reading of current material and its usage in oral work. Conducted in Spanish. Prerequisite: SPA 398. Credit: 3 semester hours.

SPA 401: Survey of Peninsular Literature. A study of the social, economic, cultural and political life of Spain, combined with a study of representative authors and movements. Conduced in Spanish. Prerequisite: SPA 303. Credit: 3 semester hours.

SPA 402: Survey of Latin-American Literature. 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. Prerequisite: SPA 303. Credit: 3 semester hours.

SPA 425: Spanish Film and Art. This course provides the student with basic knowledge of major films and works of art by well-known artists. Conducted in Spanish. Prerequisites: SPA 401 and 402. Credit: 3 semester hours.

SPA 426: Masterpieces of Spanish Literature. This course provides the reading, analysis, and discussion of literary masterpieces by major Spanish and Latin American authors. Conducted in Spanish. Prerequisite: SPA 402. Credit: 3 semester hours.

SPA 427: Major Authors in Spanish Literature. An intense study of one or two authors considered to be among the greatest and most influential of writers in Peninsular or Latin American literature. Not for Spanish Education majors. Conducted in Spanish. May be repeated. Prerequisites: SPA 401 and 402. Credit: 3 semester hours.

SPA 499: Senior Seminar in Spanish. An integral capstone course in Spanish. A review of key components of Spanish grammar, culture, literature and of issues related to proficiency in Spanish (speaking, listening, reading, and writing) and to career opportunities for Spanish majors. Conducted in Spanish. Prerequisites: Senior standing, 15 hours of upper-level Spanish courses and/or consent of the Spanish faculty. Credit: 3 semester hours.

THEATRE

THE 107, 207, 307, or 407: Theatre Practicum I-IV. 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. Credit: 1 semester hour.

THE 130: Introduction to Theatre. This course examines theatre history and its cultural relevance, traditions, theory, design, and production. Credit: 3 semester hours.

THE 200: Introduction to Dance. A survey of the history and aesthetics of dance in relation to society and to the other arts. Includes instruction in basic dance techniques. Credit: 3 semester hours.

THE 204: Foundations of Theatre. Through readings, lectures, demonstrations, and active participation behind the scenes in an actual production, the student becomes familiar with theatre history, design, and tradition. Credit: 3 semester hours.

THE 210: World Drama. 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. Credit: 3 semester hours.

THE 220: Modern Drama. A study of dramatic literature from Ibsen to the present, illustrating the literary, historical, and social development of the modern era. Prerequisite: THE 210. Credit: 3 semester hours.

THE 250: Acting. 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. Credit: 3 semester hours.

THE 260: Music Theatre I. Development of skills in energizing, concentrating, and structuring. Energy concepts include physical, vocal, mental, and emotional energy. Concentrating concepts includes conceptualization and imagination. Prerequisite: THE 250. Credit: 3 semester hours.

THE 300: Interpretive Dance. Theory and practice of techniques and composition. Emphasis is placed on execution of dance techniques for theatrical productions. Prerequisite: THE 200 or consent of instructor. Credit: 2 semester hours.

THE 305: Theatre History. 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. Prerequisite: THE 204. Credit: 3 semester hours.

THE 360: Music Theatre II. A continuation of skills stressed in Music Theatre I. Emphasis on singing, moving, isolation of vocal mechanisms, physical response, reflecting, and rhythmic patterns. Prerequisite: Audition. Credit: 3 semester hours.

THE 380: Play Directing. 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. Prerequisite: THE 250. Credit: 3 semester hours.

THE 404: Stage Craft. Study and guided practice in the theory, principles, techniques, materials, and development through plans of scene and lighting design for the contemporary theatre. Credit: 3 semester hours.

THE 408: Black Theatre. Study of goals, careers, problems, dreams, and accomplishments of Black playwrights, actors, directors, choreographers, designers, critics, and theatre groups. Prerequisite: THE 204. Credit: 3 semester hours.

THE 410: Seminar in Theatre. Examination and discussion of the styles of theatre practices with special emphasis on elements of production relating to stylistic conception. Prerequisite: Consent of faculty. Credit: 3 semester hours.