The College of Arts and Sciences embodies the liberal arts: the natural sciences and mathematics, the social sciences, and the humanities. Students augment their knowledge in all three areas by exploring the interconnections among them.

Study of the liberal arts opens to students the vast scope and excitement of human intellectual and cultural achievement. It enlarges the student’s vision and enriches the student’s life. Study of arts and sciences prepares students for life-long learning and vocational success. It also prepares them for a life of effective civic participation as informed and critical citizens of a diverse global society.

In essence, an Arts and Sciences education fosters the ability to think and learn independently. Arts and Sciences graduates are well prepared to meet future technological and cultural transformations.

Undergraduate Programs in Arts and Sciences

The University of Kentucky grants the following degree in the College of Arts and Sciences:

- Bachelor of Arts
- Bachelor of Science

Students pursuing the Bachelor of Arts or the Bachelor of Science select from these majors: anthropology; biology; chemistry; classics; economics; English; foreign language and international economics; French; geography; geological sciences; German; history; international studies; Japanese language and literature; linguistics; mathematical economics; mathematics; philosophy; physics; political science; psychology; Russian studies; sociology; writing, rhetoric, and digital studies; and topical studies. The College also offers a Bachelor of Arts with these majors: Chinese language and literature; environmental and sustainability studies; gender and women’s studies; health, society, and populations; and Spanish.

For more information on degree programs, visit: www.as.uky.edu/

Undergraduate Certificates in Arts and Sciences

The University of Kentucky grants the following undergraduate certificates in the College of Arts and Sciences:

- Appalachian Studies
- Peace Studies

Information and requirements for these certificates are listed at the end of this section.

ADMISSION

Admission requirements are the same as those of the University, except for the topical studies major. Prospective students should see the college Web site: www.as.uky.edu/.

PROGRAMS AND SERVICES

Academic Advising

Academic advising in the College of Arts and Sciences is provided by professional advisors, faculty, and graduate students beginning with new student advising conferences all the way through to graduation. All Arts and Sciences students are assigned an academic advisor after enrollment. Students and advisors will work as partners to help the student meet their academic goals.

All currently enrolled primary A&S majors have an assigned professional academic advisor or faculty advisor. All Arts and Sciences freshmen have an advising hold placed on their record requiring the student to meet with their A&S academic advisor prior to registration each semester. All students are encouraged to meet with their A&S advisor at least once each semester.

Students experiencing academic difficulty (academic probation) will be required to meet with their academic advisor at the beginning of each semester and before the last day to withdraw from classes. For more information concerning these meetings, contact the Arts and Sciences Advising Center at (859) 257-8712.

All Arts and Sciences students are expected to familiarize themselves with the degree requirements and keep track of requirements. The University has an online degree audit system called APEX (myuk.uky.edu/ir/j/portal). Students are expected to view their personalized degree audit prior to any advising session where scheduling for classes will be discussed. Routine questions concerning UK Core, college, major and minor requirements, grade-point average, repeat or bankruptcy options, transient student forms, credit overload requests, transfer credit equivalencies, forms required for graduation, and changing majors should be addressed to the student’s academic advisor.

For more information or to schedule an appointment with an advisor, visit www.as.uky.edu/advising

Dean’s List

A student who completes at least 12 credits of “letter” grades with a 3.60 or higher grade-point average with no I grades listed for the fall or spring semester will be named to the Dean’s List in the College of Arts and Sciences. CLEP, AP, special exam and Independent Study credits are excluded. The student’s cumulative grade-point average is not considered; only the grade-point average for that particular semester is relevant. Exceptional circumstances including fewer than 12 credits will be considered for inclusion on the Dean’s List; students should submit a petition to the A&S Advising Center, 311 Patterson Office Tower.

Commencement and Departmental Honors

Commencement honors are determined by University standards. A full explanation of these honors can be found in the Graduation Requirements section of this Bulletin. Please note that if a student has not completed at least 90 hours at the University of Kentucky, but has completed at least 60 hours at the University of Kentucky, the student is eligible for commencement honors, but is held to a 0.2 point higher standard. If the student has not completed at least 60 hours, the student is not eligible for commencement honors. Commencement honors are indicated on the student’s final transcript.

Departments in the College of Arts & Sciences award departmental honors to their outstanding graduates. The standards for departmental honors are not collectively established by the College, but determined by each department. For details on departmental honors, see Guide to A&S Departmental Honors Requirements. Address questions to the department awarding honors. Departmental honors are indicated on the student’s final transcript.

Scholarships

For information on general scholarships in the College, contact the A&S Advising Center, 311 Patterson Office Tower, (859) 257-8712, or www.as.uky.edu/scholarships. Students interested in scholarships in a specific major should contact the individual department.
Guide to A&S Departmental Honors Requirements

<table>
<thead>
<tr>
<th>Major</th>
<th>Cumulative GPA</th>
<th>Criteria</th>
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<tbody>
<tr>
<td>Anthropology</td>
<td>3.5</td>
<td>The Honors Program in Anthropology is a research-intensive experience in which students work closely with a faculty mentor. Requirements are: (1) Departmental GPA of 3.5 or better. (2) One upper-division course (300+) in each of the three subdisciplines represented in the department (archaeology, biological anthropology and cultural anthropology). (3) One 600 or 700 level graduate seminar (requires approval of course instructor). (4) Research component designed by the student and faculty mentor.</td>
</tr>
<tr>
<td>Biology</td>
<td>3.5</td>
<td>Biology majors are eligible for Honors in Biology if they: (1) Complete 6 hours of BIO 395. (2) Have an overall 3.5 GPA on graduation. (3) Successfully complete two biology honors (BIO--H) courses or two honors-selected 500 or 600 level Biology (BIO) courses, or a combination of BIO--H and honors-selected 500/600 BIO courses. Each semester the honors-selected 500/600-level BIO courses will be identified by a course note in the course schedule: this note will state “fulfills an Honors in Biology course requirement”. (4) A public presentation of one’s research results. Such a presentation can be a journal article, a seminar given to a diverse group, a talk or a poster at a professional meeting, a thesis or some form of public presentation approved by the Director of Undergraduate Studies.</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3.5</td>
<td>12 hours in CHE or BCH courses (other than CHE 440G, 441G, and 572) at or above the 300 level. At least 6 of those hours must be in CHE 395. 3.5 cumulative GPA and 3.5 major GPA or above.</td>
</tr>
<tr>
<td>Chinese Language and Literature</td>
<td>3.5</td>
<td>3.5 cumulative GPA and a major GPA of 3.75 or above.</td>
</tr>
<tr>
<td>Classics</td>
<td>3.5</td>
<td>3.5 cumulative GPA and a major GPA of 3.75 or above.</td>
</tr>
<tr>
<td>Earth and Environmental Sciences</td>
<td>3.5</td>
<td>3.3 cumulative GPA and senior thesis or 3.5 cumulative GPA or above.</td>
</tr>
<tr>
<td>Economics</td>
<td>3.2</td>
<td>3.2 cumulative GPA and a major GPA of 3.2 or above.</td>
</tr>
<tr>
<td>English</td>
<td>3.75</td>
<td>1) 3.75 major GPA or above in courses taken at UK which count toward the English major. (2) At least 8 such courses taken at UK (i.e., not transferred). (3) Successful completion of at least one designated ENG honors seminar with a grade of B or higher.</td>
</tr>
<tr>
<td>French</td>
<td>3.5</td>
<td>3.5 cumulative GPA and a major GPA of 3.75 or above.</td>
</tr>
<tr>
<td>Geography</td>
<td>3.5</td>
<td>3.5 cumulative GPA and major GPA of 3.5 or above.</td>
</tr>
<tr>
<td>German</td>
<td>3.5</td>
<td>3.5 cumulative GPA and a major GPA of 3.75 or above.</td>
</tr>
<tr>
<td>Hispanic Studies</td>
<td>3.5</td>
<td>3.5 cumulative GPA or above in 300-500 level Spanish courses.</td>
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<table>
<thead>
<tr>
<th>Major</th>
<th>Cumulative GPA</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>History</td>
<td>3.5</td>
<td>minimum 3.5 cumulative GPA, 3.5 departmental GPA or above and a grade of A or B in HIS 499.</td>
</tr>
<tr>
<td>International Studies</td>
<td>3.5</td>
<td>3.5 cumulative GPA and major GPA of 3.5 or above.</td>
</tr>
<tr>
<td>Japanese Language and Literature</td>
<td>3.5</td>
<td>3.5 cumulative GPA and major GPA of 3.75 or above.</td>
</tr>
<tr>
<td>Linguistics</td>
<td>3.75</td>
<td>3.75 cumulative GPA or above in courses taken at UK which count or could count toward the linguistics major and premajor. At least 8 such courses taken at UK (i.e., not transferred).</td>
</tr>
<tr>
<td>Mathematical Economics</td>
<td>3.2</td>
<td>3.2 cumulative GPA or above and 3.2 major GPA or above.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3.5</td>
<td>3.5 cumulative GPA or above.</td>
</tr>
<tr>
<td>Philosophy</td>
<td>3.5</td>
<td>3.5 cumulative GPA or above in PHI courses, plus a senior thesis. Students are encouraged to enroll in PHI 395 for support in writing the senior thesis.</td>
</tr>
<tr>
<td>Physics</td>
<td>3.4</td>
<td>3.4 cumulative GPA or above and 3.4 major GPA or above in physics and astronomy. All students awarded department honors will have fully participated in independent study or research including the preparation of a final report; participation with a high grade in a three-credit-hour PHY 395 or participation in a summer research experience are ways of achieving this. Other factors such as citizenship, leadership in the Society of Physics Students, and other meritorious activity will be considered in the selection of seniors for graduation with honors.</td>
</tr>
<tr>
<td>Political Science</td>
<td>3.5</td>
<td>1) 3.5 cumulative GPA. (2) At least six hours of &quot;H&quot;onors credit in Political Science course work, usually taken in special sections of the introductory lecture courses. (3) At least a B grade in PS 372, which should be taken no later than the second semester of the junior year. And (4) A qualifying honors thesis submitted to the Director of Undergraduate Studies no later than midterm of the semester in which the student intends to graduate. Students normally fulfill the thesis requirement by taking PS 490, Honors in Political Science, offered during the fall semester. Should that option be unavailable, however, students might be able to arrange writing a thesis under faculty guidance as part of PS 395, the department’s Independent Study course.</td>
</tr>
<tr>
<td>Psychology</td>
<td>3.5</td>
<td>3.6 major GPA or above and successful completion of PSY 495 and PSY 496.</td>
</tr>
<tr>
<td>Russian Studies</td>
<td>3.5</td>
<td>3.5 cumulative GPA and a major GPA of 3.75 or above.</td>
</tr>
<tr>
<td>Sociology</td>
<td>3.5</td>
<td>3.5 cumulative GPA or above.</td>
</tr>
<tr>
<td>Topical</td>
<td>3.6</td>
<td>3.6 cumulative GPA or above and recommendation of the Associate Dean based on the final thesis.</td>
</tr>
</tbody>
</table>
THE BACHELOR OF ARTS AND BACHELOR OF SCIENCE DEGREE

Students must complete four areas of requirements to obtain a UK Arts and Sciences degree. The four areas are: UK Core; major requirements; college requirements; and university graduation requirements. The following information outlines the specific degree requirements for the B.A. and the B.S. in Arts and Sciences. Please read them carefully and also note the specific differences in each degree program.

The B.S. degree requires three hours in college disciplinary requirements for the natural sciences, social sciences and humanities beyond those required for the UK Core and requires 60 hours of physical, biological and/or mathematical sciences.

The B.A. degree requires six hours in college disciplinary requirements for the natural sciences, social sciences and humanities beyond those required for the UK Core and requires 39 hours in course work numbered at or above the 300 level.

College Requirements for a Bachelor of Arts Degree

It is important to review the “NOTES” section that immediately follows the “College Requirements for a Bachelor of Science Degree” section.

To receive the Bachelor of Arts degree, students must:

1. Complete the UK Core requirements.†
2. Complete the following college requirements:
   a. Foreign Language Requirement. Students must satisfy one of the following options (all options include American Sign Language). All A&S students are encouraged to take a foreign language placement exam at the time of their initial enrollment at UK or during their advising conference:
      i. satisfy the third and fourth semester of a college-level sequence in one language by successfully completing each semester course, or by demonstrating equivalent competency on a departmentally approved placement exam; or
      ii. successfully complete three college-level semester courses in one language and two college-level semester courses in a second language. (Two or more years of a foreign language in secondary school, as indicated on transcripts, are considered equal to two college-level semester courses); or demonstrate equivalent competency on a departmentally approved placement exam; or
   b. Students must take six college hours in disciplines in the humanities.†
   c. Students must take six college hours in disciplines in the social sciences.†
   d. Students must take six college hours in disciplines in the natural sciences.†
   e. Students must take nine college hours in disciplines in the mathematical sciences.
   f. Complete at least 120 credit hours in courses acceptable to the College of Arts and Sciences.
   g. Complete at least 90 credit hours in Arts and Sciences courses.
   h. Complete at least 39 credit hours in courses numbered at or above the 300 level.
   i. Complete at least 39 credit hours within the major. At least 24 of these hours must be at or above the 300 level.
   j. Complete at least one course that includes some laboratory or field experience. (See the description of the College Laboratory or Field Experience Requirement which follows.)
   k. Attain an overall grade-point average of at least 2.0.
   l. Attain a grade-point average of at least 2.0 in all major requirements courses (including all premajor courses).
   m. Complete a minimum of six credit hours of free electives. These college electives cannot be counted towards UK Core or Arts and Sciences major requirements.
   n. Complete University graduation requirements, the Graduation Writing Requirement, and the residence requirement.

†See College Core Requirements for B.A. and B.S. Degree following the next section.
College Requirements for a Bachelor of Science Degree

It is important to review the “NOTES” section that immediately follows the “College Requirements for a Bachelor of Science Degree” section.

To receive the Bachelor of Science degree, students must:

1. Complete the UK Core requirements.1
2. Complete the following college requirements:
   a. Foreign Language Requirement. Students must satisfy one of the following options (all options include American Sign Language). All A&S students are encouraged to take a foreign language placement exam at the time of their initial enrollment at UK or during their advising conference:
      i. satisfy the third and fourth semester of a college-level sequence in one language by successfully completing each semester course, or by demonstrating equivalent competency on a departmentally approved placement exam; or
      ii. successfully complete three college-level semester courses in one language and two college-level semester courses in a second language. (Two or more years of a foreign language in secondary school, as indicated on transcripts, are considered equal to two college-level semester courses); or demonstrate equivalent competency on a departmentally approved placement exam; or
   Courses taken to satisfy options i or ii above may not be taken pass/fail or audit; or
   iii. To demonstrate your proficiency in a language not taught at UK, contact the Office of International Affairs with regard to taking a proficiency exam. You are responsible for any costs related to testing; or
   iv. If you have a specific language-learning disability that is certified through the UK Disability Resource Center, you may petition the College for a substitution of course work in lieu of completing the language courses normally taken for the foreign language requirement; or
   v. International students, excluding native speakers of English, automatically fulfill this requirement; or
   vi. International students who graduated from a U.S. high school and are unable to provide proficiency exam results may petition the College for a waiver of the College foreign language requirement; students must provide official documentation establishing that English is their second language.
   b. Students must take three college hours in disciplines in the natural sciences.†
   c. Students must take three college hours in disciplines in the social sciences.†
   d. Students must take three college hours in disciplines in the humanities.
   3. Complete at least 120 credit hours in courses acceptable to the College of Arts and Sciences.2
   4. Complete at least 90 credit hours in Arts and Sciences courses.3
   5. Complete at least 60 credit hours in the physical, biological and/or mathematical sciences.5
   6. Complete at least 30 credit hours within the major. At least 24 of these hours must be at or above the 300 level.
   7. Complete at least one course that includes some laboratory or field experience. (See the description of the College Laboratory or Field Experience Requirement which follows.)
   8. Attain an overall grade-point average of at least 2.0.
   9. Attain a grade-point average of at least 2.0 in all major requirements courses (including all premajor requirements).
   10. Complete a minimum of six credit hours of free electives. These college electives cannot be counted towards UK Core or any other Arts and Sciences major or college requirements.
   11. Complete University graduation requirements, the Graduation Writing Requirement, and the residence requirement.

†See College Core Requirements for B.A. and B.S. Degree following the next section.

NOTES

1. See the UK Core section of this Bulletin for a detailed explanation of the requirements.
2. a. 001-099 courses, or courses followed by an “R” designation cannot be counted as credit towards a bachelor’s degree.
   b. Physical education one-hour service courses (KHP) are acceptable as electives only and may count toward the total 120 minimum hours needed to graduate. Only one successful completion of multiple completions of the same KHP course will count.
   c. A maximum of 16 semester credit hours earned in military science (AMS) and aerospace studies (AFS) are acceptable towards fulfilling both the College 90-hour and 120-hour requirement for the B.A. or B.S. degree. AMS/HIS 320 is not included in this 16 hour limit.
   d. A maximum of 12 semester credit hours earned in experiential education and internship courses (EXP 396, departmental 399 courses) will be accepted. For ANT 399, SOC 399 and SPA 399, a maximum of 15 semester credit hours can be earned. See Experiential Education and Internship Course section within the Arts and Sciences section of the Bulletin.
   e. All courses offered by the College of Arts and Sciences are acceptable with the exception of MA 108R.
   f. Courses transferred from other institutions and judged by the College to be equivalent or comparable to Arts and Sciences courses are acceptable.
   g. Usually the College will apply only six hours of technical course work taken at any institution.

h. The student is permitted to elect and count toward graduation courses in other colleges within the University of Kentucky or their equivalent from other institutions, not to exceed 30 hours. Hours taken in the other colleges at UK gained during the junior and senior years may, if at the 200-level or above, be counted towards the major requirements with approval from the Director of Undergraduate Studies/Program Director and the College.

i. Courses with an “S” grade designation or a “place holder” designation such as NSE (National Student Exchange) for 1 credit hour cannot be counted as credit toward a bachelor’s degree in Arts & Sciences. ISP 599, 1 credit hour, can count towards the A&S “hours” requirements for the degree.

3. Courses classified as Arts and Sciences courses for purposes of the 90-hour requirement include all courses offered by the College of Arts and Sciences; all art history courses; all courses in music and theatre appreciation and ART 100 plus the history of music and theatre; ARC 820, ARC 822; TAD 370; all economics courses; all undergraduate courses in the Department of Computer Sciences (CS); all undergraduate courses in the Department of Communication (COM); and all American Sign Language courses officially transferred to the student’s UK record.

4. CHE 230, 231, 232 and 233 will count towards the 39 credit hours in courses numbered at or above the 300 level needed for degree requirements. Please note that courses numbered 800-899 cannot be counted as 300-level and above for the purpose of completing the 39 hours needed for the degree.

5. The following courses will count towards the required 60 credit hours in the physical, biological and/or mathematical sciences hours for the Bachelor of Science degree: all courses with a MA prefix (except MA 108R); all anatomy courses; all physiology courses; all biochemistry courses; all statistics courses; all computer science courses; DHN 101; ECO 391; GEO 130, GEO 230, GEO 351, GEO 451G, and GEO 530; PHI 120 and PHI 320; PSY 215, PSY 216, PSY 312, PSY 456, and PSY 565; and ANT 230, 332, and 333.

College Core Requirements for B.A. and B.S. Degree

To satisfy the Arts and Sciences college core requirement, students must complete three (for a B.S.) or six (for a B.A.) college hours in each of three areas – natural sciences, social sciences, and humanities – not counting any courses taken to fulfill the requirements of UK Core.

Students may also use other Arts and Sciences courses to satisfy the college core requirement if these courses have been approved to fulfill parallel inquiry areas in the UK Core.

Natural Sciences

1. All courses offered by Arts and Sciences departments or programs within the disciplines of the natural sciences including courses with the following departmental prefixes: AST, BIO, CHE, EES, PHY.
2. The following courses may also be used to satisfy the Arts and Sciences College requirement for course work within the discipline of natural sciences. However, if used to count as a Natural Science they cannot also be used for any Social Science requirement.
  ANA 209
   ANT 230, 332, 333, 353
   CGS 500
   DHN 101
   ENS 200, 400
   ENT 110, 300
   GEO 130, 135, 230, 351, 451G, 530
   PGE 206
   PLS 104
   PSY 312, 456, 565

Students who take courses fulfilling the Natural, Physical, and Mathematical Sciences UK Core requirement
that exceed the credit hours needed for the requirement itself may apply the excess to this college core requirement, accumulating credit hours until the minimum has been fulfilled. This option applies to all Arts and Sciences students regardless of where the course work was completed (e.g., main campus or transfer credit).

Social Sciences
1. All courses offered by Arts and Sciences departments or programs within the disciplines of the social sciences including courses with the following departmental prefixes: ANT, APP, ECO, GEO, GWS, IAS, PS, PSY, SOC if content is designated as a social science; also, see #3 below.
2. The following courses may also be used to satisfy the Arts and Sciences College requirement for course work within the discipline of social sciences:
   - AAS 200, 235, 326, 328, 336, 417G, 432, 471
   - ANT/ENG/LIN 515
   - ANT/ENG/LIN 516
   - ANT/LIN 519
   - ANT/JPN 321
   - CGS 500
   - ENS 200, 400
   - GEO/JPN 334
   - GEO/JPN 551
3. The following course may NOT be used in the social sciences area: GWS 201.

Humanities
1. Excluding the courses listed below, all courses offered by Arts and Sciences departments or programs within the disciplines of the humanities, including courses with the following prefixes: A-H, AAS, CLA, ENG, FR, GER, HIS, JPN, LAS, LIN, MCL, PHI, RS, RUS, SPA, and HON courses designated as humanities. Note exceptions in #2 and #3 below.
2. The following courses may NOT be used in the humanities area:
   - AAS 200, 235, 326, 328, 336, 417G, 432, 471
   - AFS 101, 102, 201, 202, 442, 443
   - CHI 101, 102, 201, 202
   - CLA 101, 102, 131, 151, 152, 201, 202, 251, 252
   - ENG 102, 207, 405, 407, 507, 509
   - FR 011, 101, 102, 106, 201, 202, 203, 204, 307, 310, 507, 516, 553, 570
   - GER 011, 101, 102, 201, 202, 205, 206, 211, 212, 307, 308, 310, 507, 553, 612
   - HIS 101, 102, 201, 202
   - ITA 101, 102, 201, 202
   - JPN 101, 102, 201, 202, 301, 302, 401, 402, JPN/ GEO 334, JPN/Geo 551
   - LIN 520, 521
   - PHI 120, 320
   - PS 417G, 471
   - RUS 101, 102, 201, 202, 301, 302, 401, 404, 501, 502, 520, 530
   - SPA 011, 101, 102, 103, 151, 201, 202, 203, 205, 210, 211, 215, 302, 313, 413, 501, 506, 553
   - WRD 203, 204, 205, 306
3. The following courses may also be used to satisfy the Arts and Sciences College requirement for course work within the discipline of humanities:
   - AMS 201
   - ANT 515, 516, 519
   - ART 100
   - CGS 500
   - GEO 201, 206
   - GWS 201, 506
   - MUS 203, 222, 301, 302, 303, 325

College Laboratory or Field Experience Requirement
The college requires its students to complete at least one course that includes some laboratory or field experience. In such courses the external world is observed in a controlled manner using systematic techniques and methods. A substantial portion of the course must include data collection, data analysis, and hypothesis testing under supervised conditions. The approved courses for the laboratory requirement are:

Natural Sciences
- Biology – BIO 111, 155, 209
- Chemistry – CHE 111, 113
- Earth and Environmental Sciences – EES 160, 220
- Physics – PHY 211, 213, 241, 242

Social and Behavioral Sciences
- Anthropology – ANT 541, 585
- Geography – GEO 300
- Political Science – PS 372
- Psychology – PSY 100, 215
- Sociology – SOC 302, 303

When appropriate, other upper level courses may be used to satisfy this requirement by petition.

MAJOR REQUIREMENTS

A major concentration in the College of Arts and Sciences consists of at least a 39-credit-hour program, referred to as the “major requirements.”

Each department or program has specified the requirements for their majors, as listed in this Bulletin under each relevant heading and as outlined in APEX (the electronic degree audit system) at: myuk.uky.edu/irj/portal.

Aside from any exceptions explicitly approved by the Arts and Sciences Educational Policy Committee and the Undergraduate Council, however, major requirements must conform to the following restrictions:

1. A total of 39 credits is required in the major requirements.
2. Courses electively taken pass-fail will not count toward UK Core, major/minor, or College requirements.
3. At least 24 credits must be in courses at the 300 level or above.
4. A minimum of 18 credits in a department, taken at the 200 level or above, is required for a major.
5. An overall grade-point average of at least 2.0 in all courses listed for the major requirements, including all premajor courses. This includes all grade attempts except those used for which repeat options or academic bankruptcy has been approved.

Students are expected to review and understand all degree requirements listed on the University’s online degree audit system, APEX.

Students who have taken courses (200 level or above) outside the college should talk with their departmental and college lines in constructing meaningful and imaginative programs. Courses in several departments might be selected to pursue special interests – Asian studies, for instance. Other examples might be African American studies or human studies.

Each topical studies major is designed and directed by the student in consultation with a faculty advisor in the general area of study, and in consultation with the topical studies advisor in the A&S Advising Center and an Arts and Sciences Associate Dean.

Topical Studies is the only selective admission program in the College of Arts and Sciences. The student must have a cumulative UK grade-point standing of at least 2.5 to be accepted to Topical Studies. The specific requirements of the topical studies major are that the student must meet UK Core and College requirements, must enroll in and complete at least 30 credit hours after formal admission, and complete the 39-hour major requirements (see preceding section entitled “Major Requirements”). Except for electives, all of the student’s work must be related to the topic. Additionally, in the senior year, the student must complete a comprehensive paper or project that serves to integrate his or her topical studies field.

Frequently, it is advantageous to begin writing this paper or project in the context of an independent work course or a seminar, with the instructor’s approval. The paper or project proposal must be approved by a faculty advisor, an Arts and Sciences Associate Dean, and the Topical Studies advisor before significant work has begun on the project. Students must submit the final paper or project for review and approval no later than eight weeks before finals during the semester the student intends to graduate. The paper should be submitted to the Associate Dean no later than six weeks before the final exam week during the semester the student intends to graduate. Departmental honors for topical studies majors are determined by the Associate Dean and the Topical Studies advisor. To be eligible for departmental honors, a student must have a cumulative GPA of at least 3.6 and a final paper or project that has been judged to be outstanding.

For more information, contact the Arts and Sciences Topical Studies advisor in the A&S Advising Center (311 Patterson Office Tower); or visit the Topical Studies major Web site at: www.as.uky.edu/topical-studies.

A Second Major
A student may obtain a second major by meeting all requirements in two departments. Major work in one department can, if there is a generic relationship, serve as the outside field in the second major, and vice versa. However, the International Studies major allows a maximum of 15 hours of course work to overlap between two
minors. The student must indicate his or her second major to the A&S Advising Center, 311 Patterson Office Tower. He or she must have an advisor in both departments. If one of the majors is in another college, the student is still required to know the list of requirements from the other college. The student who completes requirements for a second major will receive only one degree, but his or her transcript and diploma will reflect the two majors.

For information on second majors (not the same as second degree), consult the Graduation Requirements section of this Bulletin.

A Second Bachelor’s Degree

A student may obtain a second bachelor’s degree by completing all university requirements for one degree; by completing all the major requirements of both degree; and by completing all college requirements of both degree. Courses taken towards fulfilling one degree may also count towards fulfilling parallel requirements in the other, but the total credits in the two degree programs must be at least 144 hours. Major work in one department can, if there is a generic relationship, serve as the outside field in the second major and vice versa. However, the International Studies major allows a maximum of 15 hours of course work to overlap between two majors. The student must indicate his/her double degree in his/her primary college. The student may elect to receive the degree simultaneously, if college and departmental requirements can be met simultaneously. For information regarding double degree (not the same as double majors), consult the Graduation Requirements section of this Bulletin. Students are expected to be knowledgeable of requirements for any major in Arts and Sciences by checking the University’s online degree audit system, APEX.

Minors

The College of Arts and Sciences does not require minors. However, students can earn a minor in the following disciplines in the college:

- anthropology
- biological sciences
- chemistry
- Chinese language and literature
- classics
- criminology
- economics
- English
- folklore and mythology
- French
- gender and women’s studies
- geography
- geology
- German
- history
- international studies
- Islamic studies
- Japan studies
- linguistics
- mapping and GIS
- mathematics
- neuroscience
- philosophy
- physics
- political science
- psychology
- Russian
- sociology
- Spanish
- statistics
- writing, rhetoric and digital media

Interdisciplinary minors are also available in:

- African American studies
- American studies
- Appalachian studies
- cognitive science
- environmental studies
- Indian culture
- Jewish studies
- Latin American, Caribbean, and Latino studies

Minors can only be awarded in conjunction with a UK undergraduate degree. Additionally, students cannot pursue a minor in the same discipline as their major. This includes the area of concentration for a Topical Studies major and International Studies major.

For more information about choosing or declaring a minor, please review the requirements in APEX at myuk.uky.edu/irj/portal; contact the department where the minor is offered; and/or consult the departmental section of this Bulletin. To officially declare a minor, students must complete a Declaration/Change of Major or Minor form in the A&S Advising Center, 311 Patterson Office Tower.

Awarded minors appear on the student’s final transcript but not on their diploma.

The Preparation of Teachers

Any Arts and Sciences student intending to seek teaching certification should so indicate to his or her academic advisor. The student should also contact the College of Education, 166 Taylor Education Building. As soon as the student has determined to seek certification he or she is assigned an advisor both in the College of Education and in the major department in the College of Arts and Sciences.

Students seeking certification should be sure to familiarize themselves with the requirements of both colleges. The sooner and the more thoroughly this is done, the greater the advantage to the student.

INFORMATION ON COURSES

Transfer of Kentucky Community and Technical College System (KCTCS) Courses

The college will usually apply up to six hours of technical course work taken at any accredited institution including KCTCS. Beyond these six credit hours, courses will be evaluated on an individual basis and as it applies to the student’s baccalaureate degree program.

Independent Work Courses

A junior or senior may, with prior approval of his or her faculty advisor and the instructor who would direct the work, register for an independent work course in his or her major department. Normally, a cumulative GPA of 3.0 in the major is required. In exceptional circumstances a nonmajor or topical studies major may be permitted to enroll in a departmental independent work course. Such a course is characterized by special assignments for study, regular conferences, reports, and usually involves preparation of a paper. The instructor in each case must file with the department evidence of the nature of the work achieved. Credit for such courses may be granted to undergraduates to an amount of not more than 12 hours.

Experiential Education and Internship Courses

The College of Arts and Sciences accepts experiential education and internship courses (such as EXP 396, departmental 399 courses) on a pass-fail basis only, regardless of which college is offering the courses. A total of 12 credit hours in these courses may be counted toward the 120 credit hours required for graduation. For ANT 399 and SPA 399, a maximum of 15 semester credit hours can be earned. However, College of Arts and Sciences majors may only earn a maximum of six credit hours of experiential education credit (EXP) in one semester.

ROTC Program

A maximum of 16 semester credit hours earned in American Military Studies and Air Force Studies courses will be accepted towards fulfilling the 90 hours of A&S courses required and the 120 minimum number of hours needed for graduation with a baccalaureate degree in the College of Arts and Sciences, even though students typically enroll for more than 16 semester credit hours of AMS and AFS course work. However, credit received from taking AMS/HIS 320, American Military History, can apply in addition to the 16 credit hour limit earned in AMS or AFS course work. Additionally, AMS 350 (1 credit hour) can only be counted for a maximum of 4 credit hours. Please note that a maximum of one credit hour of KHP 107 will count toward degree requirements, regardless how many credits are earned.
AEROSPACE STUDIES (Air Force ROTC)

The Department of Aerospace Studies provides a campus education program through which qualified students can simultaneously earn an Air Force commission and a college degree. Faculty members are experienced, active duty Air Force officers with advanced degree.

Admission to the Program

Non-scholarship freshmen and sophomores may register for Air Force Studies (AFS) courses without incurring a military commitment. Students with a minimum of five semesters of school remaining in a graduate or undergraduate status may qualify for Air Force ROTC. For more information, call (859) 257-7115.

Requirements

An academic major in aerospace studies is not offered. However, by successfully completing the Air Force ROTC program, a qualified student may concurrently earn a commission as an active duty Air Force Second Lieutenant while completing requirements for a degree. Students may enroll in some Aerospace Studies courses without joining the Air Force ROTC cadet corps. For more information, call (859) 257-7115.

AFROTC Curriculum

The AFROTC curriculum consists of both academic classes and leadership laboratory or seminar classes. The General Military Course (GMC) is a two-year course normally taken during the freshman and sophomore years. The Professional Officer Course (POC) is a two-year course normally taken during the junior and senior years. Along with academic classes each semester, all cadets also take leadership laboratory classes.

In the GMC, there are four academic classes (AFS 111, AFS 113, AFS 211, and AFS 213). These cover two main themes—the development of air power and the contemporary Air Force in the context of the U.S. military organization. The GMC academic classes are open to any student.

In the POC, there are four academic classes (AFS 311, AFS 313, AFS 411, and AFS 413). These cover Air Force management and leadership and national security studies. Entry into the POC is competitive and is based on Air Force Officer Qualifying Test scores, grade-point average, and evaluation by the AFROTC Detachment Commander. Only physically qualified students in good academic standing may compete for entry into the POC. Typically, these courses are for those cadets who have already completed the courses in the GMC.

Students enrolled as cadets are involved once a week in a one-credit-hour course in the cadet corps training program designed to simulate a typical Air Force organization and its associated functions. This course is known as Leadership Laboratory. During a student’s GMC program, he or she will register for AFS 112, AFS 114, AFS 212 and AFS 214 respectively. A POC cadet will attend AFS 312, AFS 314, AFS 412 and AFS 414. The leadership laboratories are largely cadet-planned and conducted under the concept that they provide leadership training experiences that will improve the cadets’ capabilities as Air Force officers. This also involves three hours of physical training each week. Leadership laboratory is open to students who are members of the Air Force Reserve Officer Training Corps or are eligible to pursue a commission as determined by the Air Force ROTC Detachment Commander.

Field Training

Field training is offered at Maxwell Air Force Base in Alabama. Students receive officer training and leadership development with other students. Simultaneously, the Air Force has an opportunity to evaluate each student as a potential member of its officer corps. Field training courses include cadet orientation, survival training, officer training, aircraft and aircrew orientation, physical training, organizational and functional aspects of an Air Force base, career orientation, small arms familiarization, first aid, and other supplemental training.

Scholarships

Students interested in AFROTC scholarships should refer to the Student Financial Aid, Awards, and Benefits section of this Bulletin or call (859) 257-7115. Information is subject to change.

ANTHROPOLOGY

The Department of Anthropology offers opportunities to learn about the diverse people of today’s world, as well as about their biological and cultural origins. This area of study deals with ecology, society, biology, culture, and language, among other aspects of human life. In addition, anthropologists study history and evolution in both a cultural and biological framework.

Anthropology provides an excellent foundation for careers in a variety of professions and occupations, including community health, public health policy, medicine and health services, planning and community development, international relations and development, private business, government, law, journalism, museum work, and university teaching and research.

Students can major or minor in anthropology. The major is structured to provide the student with a broad overview of the major subdisciplines: cultural anthropology, physical anthropology and archaeology. It also allows sufficient flexibility for a student to concentrate on a specific area of interest.

Visit our Web site at: http://anthropology.as.uky.edu/
Major Requirements

I. Foreign Language (placement exam recommended) ............................................ 0-14

II. Disciplinary Requirements
   a. Natural Science (partially completed by Premajor Requirements) .................. 3
   b. Social Science (completed by Premajor Requirements) ................................. 3
   c. Humanities ......................................................................................................... 6

III. Laboratory or Field Work (can be completed by Major Requirement)

IV. Electives .............................................................................................................. 6

College Requirement hours: ............... 15-29

Major Requirements

ANT 220 Introduction to Cultural Anthropology .... 3
ANT 230 Introduction to Biological Anthropology ...... 3
ANT 240 Introduction to Archaeology ...................... 3
ANT 582 Senior Integrative Seminar ......................... 3

Anthropology Electives

21 hours. No more than 3 hours at the 100 level; at least 15 hours at the 300+ level. The student chooses electives according to specific interests within anthropology and in consultation with advisors. .................................................. 21

From Outside the Major Department

Choose 6 hours outside Anthropology at the 300+ level. 200+ level courses used to satisfy College Requirements can also be counted here. .................................................. 6

Subtotal: Major requirements: .................... 39

Electives

Choose electives to lead to the minimum total of 120 hours required for graduation. .................................................. 4

Total Minimum Hours

Required for Degree ............................................. 120

*Course used towards completion of a UK Core Requirement.

Bachelor of Science with a major in ANTHROPOLOGY

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with an ANT prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list .................. 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list .................. 3

III. Intellectual Inquiry in the Social Sciences

ANT 101 Introduction to Anthropology

or

ANT 102 Archaeology: Mysteries and Controversies

or

One course from approved list .............................. 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list .................... 3

V. Composition and Communication I

CIS/WRD 110 Composition and Communication I ....... 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II ...... 3

VII. Quantitative Foundations

Choose one course from approved list .................... 3

VIII. Statistical Inferential Reasoning

Choose one course from approved list ..................... 3

IX. Community, Culture and Citizenship in the USA

Choose one course from approved list ..................... 3

X. Global Dynamics

One of the following:

ANT 160 Cultural Diversity in the Modern World

ANT 222 Middle East Cultures

ANT 225 Culture, Environment and Global Issues

ANT 241 Origins of Old World Civilization

ANT 242 Origins of New World Civilization

ANT 311 Anthropology of Globalization

ANT 321 Introduction to Japanese Culture, Meiji (1868) to Present

ANT 329 Cultures and Societies of Eurasia and Eastern Europe: Socialism and Post-Socialist Change

or

One course from approved list .............................. 3

UK Core hours: ..................................................... 30

Graduation Composition and Communication Requirement (GCCR)

ANT 582 Senior Integrative Seminar ......................... 3

Graduation Composition and Communication Requirement hours (GCCR) ..................... 3

College Requirements

I. Foreign Language (placement exam recommended) ............................................ 0-14

II. Disciplinary Requirements
   a. Natural Science (completed by Premajor Requirement) ................................. 3
   b. Social Science (completed by Premajor Requirement) ................................. 3
   c. Humanities ......................................................................................................... 6

III. Laboratory or Field Work (can be completed by Major Requirement)

IV. Electives .............................................................................................................. 6

College Requirement hours: ............... 9-23

Major Requirements

ANT 220 Introduction to Cultural Anthropology .... 3
ANT 230 Introduction to Biological Anthropology ...... 3
ANT 240 Introduction to Archaeology ...................... 3
ANT 582 Senior Integrative Seminar ......................... 3

Anthropology Electives

21 hours. Can include up to 3 hours at the 100 level and must include at least 15 hours at the 300+ level. The student chooses electives according to specific interests within anthropology and in consultation with advisors. .................. 21

From Outside the Major Department

Choose 6 hours outside Anthropology at the 300+ level. 200+ level courses used to satisfy College Requirements can also be counted here. .................................................. 6

Subtotal: Major requirements: .................... 39

Electives

Choose electives to lead to the minimum total of 120 hours required for graduation. .................................................. 4

Total Minimum Hours

Required for Degree ............................................. 120

*Course used towards completion of a UK Core Requirement.

Bachelor of Arts with a major in BIOLOGY

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list .................. 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list .................. 3

III. Intellectual Inquiry in the Social Sciences

Choose one course from approved list .................. 3
First Tier Core
BIO 303 Introduction to Evolution ......................... 4
BIO 304 Principles of Genetics .......................... 4

Second Tier Core
To be taken after completion of First Tier Core.

Choose two of the following to complete 8 hours:
BIO 350 Animal Physiology
or
BIO 430G Plant Physiology ............................. 4
BIO 315 Introduction to Cell Biology ................. 4
BIO 325 Ecology ........................................... 4
plus:
Statistics (any UK Core Statistical Reasoning course) .................................................. 3
BIO 425 Biology Seminar (Subtitle required)
or
BIO 499 Biology Research Seminar .................. 1
Core hours: .................................................. 20

Other Course Work Required for the Major
From Outside the Major Department
CHE 236/231 Survey of Organic Chemistry
Organic Chemistry Laboratory I ...................... 3
or
CHE 230/231 Organic Chemistry I/Laboratory I ..... 4

*PHY 211 General Physics
or
*PHY 151 Introduction to Physics ...................... 3-5
*PHY 151 is not accepted for admission into Medical,
Dental or Pharmacy School. Check with your advisor before choosing a physics course.

Other Major hours: ..................................... 7-9

OPTIONS

Complete one of the following options. Students cannot mix and match requirements from the two options. An option must be completed in its entirety.

Option A – Minor Option

NOTE: Fourteen of these hours must be at the 300-level or above.
Complete the requirements for any minor other than the biology minor .................. 18-21

**Biology Electives ................................. 4-9

**Biology Electives – One course must have a lab, which may be BIO 395. A maximum of 6 credits of BIO 395 may be used in this section.

Total Hours Option B .............................. 25-27

Acceptable biology electives from outside the Department. Other courses may be accepted at the discretion of the Director of Undergraduate Studies in the Department of Biology:
A&S 300, 500 (acceptable as upper-level credit only when offered by the Department of Biology)
ABT 460
ANA 511, 512, 516 (some other anatomy courses at the 500-level are accepted, but are usually restricted to professional students)
ANT 332
ASC 364, 378
BCH 401G
EES 401G
ENT 310, 320, 360, 402, 460, 561, 564, 568 (ENT 360 is not acceptable as an upper-level elective for Biology majors. Substitutes for BIO 304 only if student transferred into Biology major after taking this course. Cross-listed as ABT/ASC/ENT/PSL 360.)
FOR 315, 340, 375, 402
FSC 530
MI 494G, 595, 598
NRE 320, 420G, 450G, 455G
PGY 412G, 560 (PGY 412G is acceptable as an elective for upper-level biology credit but does not substitute for BIO 350 or BIO 430G)
PLS 320, 330, 332, 366, 450G, 502, 506, 566
PPA 400G
PSY 456, 459
STA 570, 580 (Biology usually accepts only one of these courses for each student. Other STA courses may be accepted at the discretion of your advisor, and this may depend upon the area of biology in which you choose to specialize.)
TOX 509

Total Minimum Hours Required for Degree ................................ 120

*Course used towards completion of a UK Core Requirement.

Bachelor of Science with a major in BIOLOGY

120 hours (minimum)
Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements
See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

1. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list .......................... 3
College of Arts and Sciences

II. Intellectual Inquiry in the Humanities
Choose one course from approved list **********3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list **********3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
CHE 105 General College Chemistry I 4
CHE 111 Laboratory to Accompany General Chemistry I 1

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II 3

VII. Quantitative Foundations
Choose one course from approved list **********3-4

VIII. Statistical Inferential Reasoning
Choose one course from approved list **********3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list **********3

X. Global Dynamics
Choose one course from approved list **********3

UK Core hours: ******32-33

Graduation Composition and Communication Requirement (GCCR)
BIO 350 Animal Physiology and BIO 425 Biology Seminar (Subtitle required) 5 or WRD 204 Technical Writing 3

Graduation Composition and Communication Requirement hours (GCCR) 3-5

College Requirements
Humanities – one course **********3
Social Science – one course **********3
Third and fourth semesters of language **********6
Free Electives **********6
Lab or Field Experience – satisfied by major
Graduation Writing Requirement (choose any GWR Humanities 300-level course; this will also count as one of the two Humanities courses in the College Requirements)

General Education and College hours: **********49 (39)

Premajor Requirements
BIO 148 Introductory Biology I 3
BIO 152 Principles of Biology II 3
BIO 155 Laboratory for Introductory Biology I 1
*CHE 105 General College Chemistry I 4
*CHE 111 Laboratory to Accompany General Chemistry I 1
CHE 107 General College Chemistry II 3
CHE 113 Laboratory to Accompany General Chemistry II 2
MA 137/138 Calculus I/II With Life Science Applications or *MA 113/114 Calculus I/II 8

Premajor hours: ******25

Major Requirements
Minimum major requirement for graduation is 56 credit hours in courses not open to freshmen. The minimum GPA of all major and premajor courses must be at least 2.0.

Major Core
First Tier Core
BIO 303 Introduction to Evolution 4
BIO 304 Principles of Genetics 4

Second Tier Core
To be taken after completion of First Tier Core.
BIO 315 Introduction to Cell Biology 4
BIO 325 Ecology 4
BIO 350 Animal Physiology or BIO 430G Plant Physiology 4

Statistics (take any UK Core Statistical Reasoning course) 3

BIO 425 Biology Seminar (Subtitle required) or BIO 499 Biology Research Seminar 1

Core hours: ******24

Other Course Work Required for the Major
From Outside the Major Department
CHE 230 Organic Chemistry I 3
CHE 231 Organic Chemistry Laboratory I 1
CHE 232 Organic Chemistry II 3

*PHY 211/213 General Physics or *PHY 231/241 General University Physics/Laboratory and PHY 232/242 General University Physics/Laboratory 10

Biology Electives
Choose 15 hours of acceptable biology electives .... 15
Fifteen hours to be chosen from 200+ level BIO courses (excluding BIO 208) or the list below. Two courses must have labs, one of which may be BIO 395. A maximum of 6 credits of BIO 395 may be used as electives in this section. A total of 6 hours of Independent Research (395) from biological sciences departments may be counted within the 15 hour requirement; however, only BIO 395 is accepted for honors in biology. NOTE: ANA 209, BIO 208 and PGY 206 cannot be used for this requirement.

Other Major hours: ******32

Acceptable biology electives from outside the Department. Other courses may be accepted at the discretion of the Director of Undergraduate Studies in the Department of Biology:

A&D S 300, 500 (acceptable as upper-level credit only when offered by the Department of Biology)

ABT 460
ANA 511, 512, 516 (some other anatomy courses at the 500-level are accepted, but are usually restricted to professional students)

ANT 332
ASC 364, 378

BCH 401G

EES 401G
ENT 310, 320, 360, 402, 460, 561, 564, 568 (see note for ENT 360 and substitutes for BIO 304 only if student transferred into Biology major after taking this course. Cross-listed as ABT/ASC/ENT/PLS 360.)

FOR 315, 340, 375, 402
FSC 530

MI 494G, 595, 598

NRE 320, 420G, 450G, 455G

PGY 412G, 560 (PGY 412G is acceptable as an elective for upper-level biology credit but does not substitute for BIO 530 or BIO 430G)

PLS 320, 330, 332, 366, 450G, 502, 566, 567

PPA 400G

PSY 456, 459

STA 570, 580 (Biostatistics usually accepts only one of these courses for each student. Other STA courses may be accepted at the discretion of your advisor, and this may depend upon the area of biology in which you choose to specialize.)

TOX 509

Total Minimum Hours Required for Degree ******120

*Course used towards completion of a UK Core Requirement.

Minor in Biological Sciences

The minor in Biological Sciences consists of 21 hours of course work to include:

Preminor Requirements
BIO 148 Introductory Biology I 3
BIO 152 Principles of Biology II 3
BIO 155 Laboratory for Introductory Biology I 1

Minor Requirements
BIO 303 Introduction to Evolution 4
BIO 304 Principles of Genetics 4

Minor Electives
Approved BIO or other courses at the 200 level or above. Up to 3 hours of BIO 395, Research in Biology, may be counted here.

Minor in Neuroscience

The minor in Neuroscience requires 18 hours of course work to include:

Minor Prerequisites
BIO 152 Principles of Biology II or equivalent 3

Minor Requirement
One of the following:
BIO 302 Introduction to Neuroscience or PSY 312 Brain and Behavior 3

Minor Electives
Choose 12 credits from the following courses:
ANA 605 Neurobiology of CNS Injury and Repair 3
ANA 625 Introduction to Functional MRI 1
ANA 780 Special Topics in Neurobiology 1-3
BIO 395 Research in Biology – up to 6 credits can be used in this category 3-6
BIO 507 Biology of Sleep and Circadian Rhythms 3
BIO 535 Comparative Neurobiology and Behavior 3
BIO 638 Developmental Neurobiology 3
BIO 650 Animal Physiology Laboratory 2
CGS 500 Cognitive Science in Theory and Practice 1-3
CHE 380 Topics in Chemistry 1-3
PSY 459 Neuropsycharmacology: Drugs and Behavior 3

Other neuroscience-related courses at the 200-level or above, as approved by DUS in Biology

Total Hours: ******18
CHEMISTRY

The Department of Chemistry offers the Bachelor of Science degree for students who intend to become professional chemists or do graduate work in chemistry or a closely related discipline. There are two options in the B.S. program: a traditional version covering all the major areas of chemistry, and an option that emphasizes biochemistry. Both degree options are certified by the American Chemical Society. A Bachelor of Arts degree program is offered as well for students who want greater flexibility in the selection of courses in other fields of science. The B.A. is designed particularly for students planning to enter the professional health fields, to teach in secondary schools, or to work in such varied areas as ecology, criminal justice, materials science, patent law, or technical service and sales. The Department also offers the Master of Science and the Doctor of Philosophy degree.

Bachelor of Arts with a major in CHEMISTRY

122 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. Please also note that the Organic Chemistry Sequence (CHE 230/231/232/233) will count towards completion of this requirement. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list 3

III. Intellectual Inquiry in the Social Sciences

Choose one course from approved list 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

CHE 105 General College Chemistry I 4
CHE 111 Laboratory to Accompany
General Chemistry I 1

V. Composition and Communication I

CIS/WRD 110 Composition and Communication I 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II 3

VII. Quantitative Foundations

MA 113 Calculus I 4

VIII. Statistical Inferential Reasoning

Choose one course from approved list 3

IX. Community, Culture and Citizenship in the USA

Choose one course from approved list 3

X. Global Dynamics

Choose one course from approved list 3

UK Core hours: 33

Graduation Composition and Communication Requirement (GCCR)

CHE 372 Communication in Chemistry I 1
CHE 472 Communication in Chemistry II 1

Graduation Composition and Communication Requirement hours (GCCR) 2

College Requirements

I. Foreign Language (placement exam recommended) 0-14

II. Disciplinary Requirements

a. Natural Science (completed by Major Requirements) 6
b. Social Science 6

III. Laboratory or Field Work (completed by Premajor Requirement) 6

IV. Electives 6

Course Requirement hours: 18-32

Premajor Requirements

*MA 113 Calculus I or
MA 114 Calculus II 4

*CHE 105 General College Chemistry I 4

*CHE 107 General College Chemistry II 3

*CHE 111 Laboratory to Accompany
General Chemistry I 1
CHE 113 Laboratory to Accompany
General Chemistry II 1

Premajor hours: 18

Major Requirements

Major Core Requirements

CHE 226 Analytical Chemistry 3
CHE 230 Organic Chemistry I 3
CHE 231 Organic Chemistry Laboratory I 1
CHE 232 Organic Chemistry II 3
CHE 233 Organic Chemistry Laboratory II 1
CHE 372 Communication in Chemistry I 1
CHE 440G Introductory Physical Chemistry 4
CHE 441G Physical Chemistry Laboratory 2
CHE 472 Communication in Chemistry II 1

Major Core hours: 21

Other Course Work Required for the Major

Chemistry Major Field Options

Choose 21 hours at the 300-500 level with a prefix of ANA, BCH, BIO, CHE, CME, CS, EES, MA, MI, MSE, PAT, PGY, PHA, PHR, PHY, PM, RM, or STA. Credit will not be given for both BCH 401G and CHE 550 or CHE 552. At least 5 of these hours must be in CHE courses; at least 4 hours must be taken outside CHE. Up to 9 hours of CHE 395 are required for students having a minimum GPA of 3.0 in CHE courses. Other courses may be approved by the Undergraduate Program Committee. Students working towards teaching accreditation may count 6 hours taken at the 300+ level from the College of Education. A maximum of 9 hours in undergraduate research or reading courses may be counted; such courses require approval of the Undergraduate Program Committee if the courses do not carry the CHE prefix 21

From the Physics Department

*PHY 211/215 General Physics

or

*PHY 231/232 General University Physics and
*PHY 241/242 General University Physics Laboratory 10

Other Major hours: 122

Total Minimum Hours Required for Degree: 189

Any language may be used to satisfy the College Foreign Language requirements – German is recommended.

*Course used towards completion of a UK Core Requirement.

Curriculum for B.A. in Chemistry

Freshman Year

First Semester Hours
CHE 105 General College Chemistry I 4
CHE 111 Laboratory to Accompany
General Chemistry I 1
CIS/WRD 110 Composition and Communication I 3
MA 113 Calculus I 4
UK Core 3

Second Semester
CHE 107 General College Chemistry II 3
CHE 113 Laboratory to Accompany
General Chemistry II 2
MA 114 Calculus II 4
CIS/WRD 111 Composition and Communication II 3
UK Core 3

Sophomore Year

First Semester Hours
CHE 230 Organic Chemistry I 3
CHE 231 Organic Chemistry Laboratory I 1
PHY 211 General Physics 5
STA 210 Making Sense of Uncertainty: An Introduction to Statistical Reasoning 3
UK Core 3

Second Semester
CHE 226 Analytical Chemistry 3
CHE 232 Organic Chemistry II 3
CHE 233 Organic Chemistry Laboratory II 1
PHY 213 General Physics 5
A&S Humanities/Social Science 3

Junior Year

First Semester Hours
CHE 440G Introductory Physical Chemistry 4
Foreign Language I 4
UK Core 3
Major Field Option* 3

Second Semester
CHE 441G Physical Chemistry Laboratory 2
CHE 372 Communication in Chemistry II 1
Foreign Language II 4
A&S Humanities/Social Science 3
Major Field Option* 6

Senior Year

First Semester Hours
Free Elective (A&S) 3
Foreign Language III 3
Major Field Option* 6
A&S Humanities/Social Science 3

Second Semester
CHE 472 Communication in Chemistry II 1
Major Field Options* 3
A&S Humanities/Social Science 3
UK Core 3
Electives 3

*Major field options (21 credits) must be chosen from
Bachelor of Science with a major in CHEMISTRY

Traditional Option

123 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
   Choose one course from approved list .............................. 3

II. Intellectual Inquiry in the Humanities
   Choose one course from approved list .............................. 3

III. Intellectual Inquiry in the Social Sciences
   Choose one course from approved list .............................. 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
   CHE 105 General College Chemistry I ............................. 4
   CHE 111 Laboratory to Accompany General Chemistry I ....... 1

V. Composition and Communication I
   CIS/WRD 110 Composition and Communication I ............... 3

VI. Composition and Communication II
   CIS/WRD 111 Composition and Communication II ............... 3

VII. Quantitative Foundations
   MA 113 Calculus I .................................................... 4

VIII. Statistical Inferential Reasoning
   Choose one course from approved list .............................. 3

IX. Community, Culture and Citizenship in the USA
   Choose one course from approved list .............................. 3

X. Global Dynamics
   Choose one course from approved list .............................. 3

UK Core hours: .................................................................. 33

Graduation Composition and Communication Requirement (GCCR)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 372 Communication in Chemistry I</td>
<td>1</td>
</tr>
<tr>
<td>CHE 472 Communication in Chemistry II</td>
<td>1</td>
</tr>
</tbody>
</table>

Graduation Composition and Communication Requirement hours (GCCR) ........................................ 2

College Requirements

I. Foreign Language (placement exam recommended) 0-14
   a. Natural Science (completed by Major Requirements) 3
   b. Social Science ................................................. 3
   c. Humanities ..................................................... 3

II. Laboratory or Field Work (completed by Premajor Requirement)

IV. Electives

College Requirement hours: ......................... 12-26

Premajor Requirements

*MA 113 Calculus I ................................................. 4
*MA 114 Calculus II .................................................. 4
*CHE 105 General College Chemistry I ................. 3
*CHE 107 General College Chemistry II ................. 3
*CHE 111 Laboratory to Accompany General Chemistry I 1
*CHE 113 Laboratory to Accompany General Chemistry II 2

Premajor hours: ................................................. 18

Major Requirements

Major Core Requirements

CHE 226 Analytical Chemistry ................................. 3
CHE 230 Organic Chemistry I ..................................... 3
CHE 231 Organic Chemistry Laboratory I ..................... 1
CHE 232 Organic Chemistry II .................................... 3
CHE 372 Communication in Chemistry I ....................... 1
CHE 410G Inorganic Chemistry ................................... 2
CHE 412G Inorganic Chemistry Laboratory .................... 2
CHE 441G Physical Chemistry Laboratory ..................... 2
CHE 442G Thermodynamics and Kinetics ..................... 3
CHE 472 Communication in Chemistry II ...................... 1
CHE 522 Instrumental Analysis .................................. 4
CHE 532 Spectrometric Identification of Organic Molecules 2
CHE 533 Qualitative Organic Analysis Laboratory ........... 2
CHE 547 Principles of Physical Chemistry I .............. 3
CHE 550 Biological Chemistry I or CHE 552 Biological Chemistry II ........................................ 3

Major Core hours: .................................................. 35

Other Course Work Required for the Major

From the Major Department:
   Chemistry Major Field Options ............................... 6
   Choose six hours from the following: up to six hours of CHE 395, any CHE 500-level course except for those required (CHE 522/532/533/550 or 551/552); BCH 401G.

From the Mathematics Department
   MA 213 Calculus III .............................................. 4
   MA 322 Matrix Algebra and its Applications ................. 3

From the Physics Department
   *PHY 231/232 General University Physics ................... 8
   *PHY 241/242 General University Physics Laboratory ....... 2

Other Major hours: .................................................. 23

Total Minimum Hours Required for Degree ................... 123

*Any language may be used to satisfy the College Foreign Language requirements – German is recommended.

*Course used towards completion of a UK Core Requirement.

Curriculum for B.S. in Chemistry

Traditional Option

Freshman Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>First</td>
<td></td>
</tr>
</tbody>
</table>
| CHE 105 General College Chemistry I .................. 4
| CHE 111 Laboratory to Accompany General Chemistry I 1
| CIS/WRD 110 Composition and Communication I .......... 3
| MA 113 Calculus I ............................................. 4
| UK Core .......................................................... 3

Second Semester

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
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</table>
| CHE 107 General College Chemistry II ................ 3
| CHE 113 Laboratory to Accompany General Chemistry II 3
| MA 114 Calculus II ............................................. 4
| CIS/WRD 111 Composition and Communication II .......... 3
| UK Core .......................................................... 3

Sophomore Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td></td>
</tr>
</tbody>
</table>
| CHE 226 Analytical Chemistry ................................ 3
| CHE 230 Organic Chemistry I ................................ 3
| MA 213 Calculus III ............................................. 4
| PHY 231 General University Physics ....................... 4
| PHY 241 General University Physics Laboratory ........... 1
| UK Core .......................................................... 3

Junior Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>First</td>
<td></td>
</tr>
</tbody>
</table>
| CHE 547 Principles of Physical Chemistry I ........... 3
| CHE 532 Spectrometric Identification of Organic Molecules 2
| Foreign Language* .............................................. 2
| STA 210 Making Sense of Uncertainty: An Introduction to Statistical Reasoning 3
| A&S Humanities/Social Science ............................. 3

Second Semester

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
</tr>
</thead>
</table>
| CHE 410G Inorganic Chemistry .............................. 2
| CHE 441G Physical Chemistry Laboratory .................. 2
| CHE 442G Thermodynamics and Kinetics .................... 3
| CHE 533 Qualitative Organic Analysis Laboratory ........ 2
| CHE 372 Communication in Chemistry I ..................... 3
| Foreign Language** .......................................... 4
| A&S Humanities/Social Science ............................. 3

Senior Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td></td>
</tr>
</tbody>
</table>
| CHE 412G Inorganic Chemistry Laboratory ............... 2
| CHE 522 Instrumental Analysis .............................. 4
| CHE 550 Biological Chemistry I or CHE 552 Biological Chemistry II ........................................ 3

2014-2015 Undergraduate Bulletin

University of Kentucky
Certification Requirements
The B.S. degree is certified by the American Chemical Society.

Bachelor of Science with a major in CHEMISTRY
Biochemistry Option 128 hours
Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements
See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ............................ 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ............................ 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ............................ 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
CHE 105 General College Chemistry I ............................ 4
CHE 111 Laboratory to Accompany
General Chemistry I ...................................................... 1

V. Composition and Communication
CIS/WRD 110 Composition and Communication I ....... 3

VI. Composition and Communication
CIS/WRD 111 Composition and Communication II ....... 3

VII. Quantitative Foundations
MA 113 Calculus I ........................................................... 4

VIII. Statistical Inferential Reasoning
Choose one course from approved list ............................ 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ............................ 3

X. Global Dynamics
Choose one course from approved list ............................ 3

UK Core hours: ................................................................. 33

Graduation Composition and Communication Requirement (GCCR)
CHE 372 Communication in Chemistry I ....................... 4
CHE 472 Communication in Chemistry II ....................... 4
Graduation Composition and Communication Requirement hours (GCCR) ....................... 2

College Requirements
I. Foreign Language (placement exam recommended) ........................................... 0-14
II. Disciplinary Requirements
a. Natural Science (completed by Major Requirements) ............................... a
b. Social Science .............................................................. a
  c. Humanities ............................................................... a

III. Laboratory or Field Work (completed by Premajor Requirement)
IV. Electives ................................................................. 6

College Requirement hours: ......................... 12-26

Premajor Requirements
*MA 113 Calculus I ....................................................... 4
*MA 114 Calculus II ...................................................... 4
*CHE 105 General College Chemistry I ....................... 4
*CHE 107 General College Chemistry II ....................... 3
*CHE 111 Laboratory to Accompany
General Chemistry I ...................................................... 1
CHE 113 Laboratory to Accompany
General Chemistry II .................................................... 2
BIO 150 Principles of Biology I ................................... 3
BIO 151 Principles of Biology Laboratory I .................. 2
BIO 152 Principles of Biology II ................................... 3
BIO 153 Principles of Biology Laboratory II .................. 2

Premajor hours: ......................................................... 28

Major Requirements
Major Core Requirements
CHE 226 Analytical Chemistry .................................. 3
CHE 230 Organic Chemistry I .................................... 3
CHE 231 Organic Chemistry Laboratory I .................... 1
CHE 232 Organic Chemistry ........................................ 3
BIO 304 Principles of Genetics or
BIO 308 General Microbiology or
BIO 315 Introduction to Cell Biology ......................... 3-4
CHE 372 Communication in Chemistry I ..................... 1
CHE 410G Inorganic Chemistry ................................... 2
CHE 412G Inorganic Chemistry Laboratory .................. 2
CHE 440G Introductory Physical Chemistry .................. 4
CHE 441G Physical Chemistry Laboratory .................... 2
CHE 472 Communication in Chemistry II .................... 1
CHE 522 Instrumental Analysis or
CHE 532/533 Spectrometric Identification of Organic Molecules/Qualitative Organic Analysis Laboratory .................. 4
CHE 550 Biological Chemistry I .................................... 3
CHE 552 Biological Chemistry ..................................... 3
CHE 554 Biological Chemistry Laboratory ................... 2

Major Core hours: ......................................................... 37-38

Other Course Work Required for the Major
From the Major Department:
Chemistry Major Field Options .................................. 4
Major Field Options must be chosen from the following:
CHE 395; or any CHE 500-level course except for those required. CHE 395 is strongly recommended for students having a minimum 3.0 GPA in chemistry courses.

From the Mathematics Department
MA 213 Calculus III ...................................................... 4

From the Physics Department
*PHY 231/232 General University Physics ................. 8
*PHY 241/242 General University Physics Laboratory .... 2

Other Major hours: ......................................................... 18

Electives
Choose electives to lead to the minimum total of 128 hours required for graduation.

Total Minimum Hours Required for Degree ..................... 128

*Course used towards completion of a UK Core Requirement.
Second Semester
CHE 441G Physical Chemistry Laboratory .................. 2
Major Field Option .................................................. 2
CHE 472 Communication in Chemistry II ................. 1
Foreign Language** .................................................. 3
UK Core .................................................................. 3
Elective .................................................................. 3

*CHE 442G may be substituted for CHE 440G.
**Any language may be used to satisfy the College Foreign Language requirements – German is recommended.

Certification Requirements
The B.S. degree is certified by the American Chemical Society.

Minor in Chemistry
The minor in Chemistry requires the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA 113 Calculus I or</td>
<td>4</td>
</tr>
<tr>
<td>MA 132 Calculus for the Life Sciences</td>
<td>3</td>
</tr>
<tr>
<td>MA 114 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHY 211/213 General Physics or</td>
<td>10</td>
</tr>
<tr>
<td>PHY 231/241 General University Physics and</td>
<td>5</td>
</tr>
<tr>
<td>Laboratory and</td>
<td></td>
</tr>
<tr>
<td>PHY 232/242 General University Physics</td>
<td>4</td>
</tr>
<tr>
<td>and Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHE 105/107 General College Chemistry I</td>
<td>7</td>
</tr>
<tr>
<td>and II</td>
<td></td>
</tr>
<tr>
<td>CHE 111/113 Laboratory to Accompany</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry I and II</td>
<td></td>
</tr>
<tr>
<td>CHE 226 Analytical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHE 230/231 Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>and Laboratory I</td>
<td></td>
</tr>
<tr>
<td>CHE 232/233 Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>and Laboratory II</td>
<td></td>
</tr>
<tr>
<td>CHE 440 Introductory Physical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>CHE 446G Physical Chemistry for Engineers</td>
<td>3</td>
</tr>
</tbody>
</table>

B.A. with a major in
CHINESE LANGUAGE
AND LITERATURE
The requirements for the B.A. with a major in Chinese Language and Literature are listed in this A&S section under Modern and Classical Languages, Literatures and Cultures.

B.A. or B.S. with a major in
CLASSICS
The requirements for the B.A. and B.S. with a major in Classics are listed in this A&S section under Modern and Classical Languages, Literatures and Cultures.

EARTH AND ENVIRONMENTAL SCIENCES
The earth and environmental sciences encompass a wide variety of studies of our planet and nearby parts of the solar system, including considerations of our planet’s origin, as well as its composition, structure, prehistoric life, internal and surficial processes, and history. These studies have important implications for understanding how our planet functions and have numerous applications in the discovery and use of mineral, energy, and water resources; in the protection and restoration of the environment; and in planning for the impacts of natural hazards (earthquakes, landslides, etc.) and climate change on global societal development. Students undertake the study of earth and environmental sciences in the classroom, laboratory, and field.

Students in earth and environmental sciences earn the Bachelor of Science or Bachelor of Arts degree with a major in Geological Sciences. The B.S. program is designed for students who plan a career as a professional geologist or who plan to attend graduate school. The B.A. program is designed for students planning a career in public policy relating to earth science and environmental issues, earth-science education, business (environmental consulting), environmental law, or environmental medicine.

Bachelor of Arts with a major in
GEOLOGICAL SCIENCES

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements
See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ......................... 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ....................... 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ....................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Fulfilled by Premajor Requirement – CHE 105/CHE 111

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ........ 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II .......... 3

VII. Quantitative Foundations
Fulfilled by Premajor Requirement – MA 123 or MA 113

VIII. Statistical Inferential Reasoning
Choose one course from approved list ....................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ....................... 3

X. Global Dynamics
Choose one course from approved list ....................... 3

UK Core hours: .................................................. 24

Graduation Composition and Communication Requirement (GCCR)
EES 235 Fundamentals of Geology II ...................... 3
EES 461 Igneous and Metamorphic Petrology ........... 4
Graduation Composition and Communication Requirement hours (GCCR) ........................................... 7

College Requirements
I. Foreign Language (placement exam recommended) .................................................. 0-14
II. Disciplinary Requirements
a. Natural Science (completed by Major Requirements) ........................................ 4
b. Social Science (can be partially fulfilled by Major Requirements) ................. 6
c. Humanities ...................................................... 6
III. Laboratory or Field Work (completed by Premajor Requirement) ...................... 6
IV. Electives ................................................................ 6

College Requirement hours: ..................... 18-32

Premajor Requirements
*CHE 105 General College Chemistry I .................. 4
*CHE 111 Laboratory to Accompany
General Chemistry I .......................................... 1
EES 220 Principles of Physical Geology ................. 4
EES 295 Geoscience Orientation ........................... 1
*MA 123 Elementary Calculus and its Applications or
*MA 113 Calculus I .............................................. 4
*PHY 211 General Physics or
*PHY 231/241 General University Physics/Lab ....... 5

Premajor hours: ............................................. 19

Major Requirements
Major Core Requirements
EES 230 Fundamentals of Geology I ...................... 3
EES 235 Fundamentals of Geology II ..................... 3
EES 350 Regional Historical Geology .................... 3
EES 360 Mineralogy ........................................... 4
EES 420G Structural Geology ............................... 4
EES 450G Sedimentary Geology ......................... 4
EES 461 Igneous and Metamorphic Petrology ........ 4

Major Core hours: ........................................... 25

Other Course Work Required for the Major
From the Major Department:
Elective I .............................................................. 6
Choose six hours of EES courses at the 400+ level, not to include EES 495 or 496

Elective II ............................................................. 6
Choose six additional hours of 300+ EES or related courses
NOTE: Fourteen hours at the 200 level or higher must be completed outside Geological Sciences. Partial fulfillment of this requirement can be completed by the PHY and EES Elective II Requirements .......................... 3-14

Other Major hours: ......................................... 0-17

Total Minimum Hours
Required for Degree ............................................ 120

*Course used towards completion of a UK Core Requirement.
Bachelor of Science with a major in GEOLOGICAL SCIENCES

120 hours (minimum)
Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements
See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
   Choose one course from approved list ................. 3

II. Intellectual Inquiry in the Humanities
   Choose one course from approved list .................. 3

III. Intellectual Inquiry in the Social Sciences
   Choose one course from approved list .................. 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
   Fulfilled by Premajor Requirement – CHE 105/CHE 111

V. Composition and Communication I
   CIS/WRD 110 Composition and Communication I ....... 3

VI. Composition and Communication II
   CIS/WRD 111 Composition and Communication II ....... 3

VII. Quantitative Foundations
   Choose one course from approved list .................. 3

VIII. Statistical Inferential Reasoning
   Fulfilled by Premajor Requirement – MA 113

IX. Community, Culture and Citizenship in the USA
   Choose one course from approved list .................. 3

X. Global Dynamics
   Choose one course from approved list .................. 3

UK Core hours: ................................................. 24

Graduation Composition and Communication Requirement (GCCR)
EES 235 Fundamentals of Geology II ...................... 3
EES 461 Igneous and Metamorphic Petrology .......... 4
Graduation Composition and Communication Requirement hours (GCCR) ........................................ 7

College Requirements
I. Foreign Language (placement exam recommended) ................................................. 0-14

II. Disciplinary Requirements
   a. Natural Science (completed by Major Requirements) ................................................ 3
   b. Social Science .................................................... 3
   c. Humanities ...................................................... 3

III. Laboratory or Field Work (completed by Premajor Requirement)

IV. Electives ........................................................................ 6

College Requirement hours: ........................................ 12-26

Premajor Requirements
*MA 113 Calculus I .................................................. 4
*MA 114 Calculus II .................................................. 4
*CHE 105 General College Chemistry I .................... 4

*CHE 111 Laboratory to Accompany
   General Chemistry I .................. 1
CHE 107 General College Chemistry II ................. 3
CHE 113 Laboratory to Accompany
   General Chemistry II .................. 2
EES 220 Principles of Physical Geology ................. 4
EES 230 Fundamentals of Geology I ...................... 3
EES 235 Fundamentals of Geology II .................... 3
EES 295 Geoscience Orientation ....................... 1

Premajor hours: ................................................. 29

Major Requirements

Major Core Requirements
EES 323 Field Work in Regional Geology .............. 6
EES 360 Mineralogy .............................................. 4
EES 420G Structural Geology ................................. 4
EES 450G Sedimentary Geology ............................ 4
EES 461 Igneous and Metamorphic Petrology .......... 4
*EES 490 Earth Dynamics ..................................... 3

Major Core hours: ............................................. 25

Other Course Work Required for the Major
From the Major Department:
E lective I .......................................................... 6
Choose six hours of EES courses at the 400+ level, not to include EES 495 or 496

E lective II .......................................................... 6
Choose six additional hours of 300+ EES or related courses

From the Physics Department
*PHY 211/213 General Physics or
*PHY 231/232/241/242 General University Physics ... 10

NOTE: Fourteen hours at the 300+ level or higher must be completed outside Geological Sciences. Partial fulfillment of this requirement can be completed by the PHY Sequence and EES Elective II Requirements .................. 0-4

Other Major hours: .............................................. 0-18

Total Minimum Hours Required for Degree ....................... 120

*Course used towards completion of a UK Core Requirement or Graduation Writing Requirement.

Minor in Geological Sciences

The minor in Geological Sciences requires 19 hours of course work to include:

   Hours
EES 220 Principles of Physical Geology ................. 4
EES 230 Fundamentals of Geology I ...................... 3
EES 235 Fundamentals of Geology II .................... 3
Plus nine hours in EES courses at the 300 level or higher ........................................ 9

ECONOMICS

The Department of Economics offers theoretical and applied courses in diverse areas including microeconomics, macroeconomics, labor, money and banking, international economics, public economics, and industrial organization. It provides an opportunity for the student to pursue his or her interests within the framework of a liberal arts education.

The department offers programs leading to different undergraduate degree – a Bachelor of Science in the Gatton College of Business and Economics, a Bachelor of Arts and a Bachelor of Science with a major in economics in the College of Arts and Sciences, and a Bachelor of Arts and a Bachelor of Science with a major in mathematical economics. The distinctions among these degree lie primarily in the required supporting courses in the various programs. (For students wishing to major in economics through the Gatton College of Business and Economics, please refer directly to that college’s section in the Bulletin.

Mathematical economics majors should refer directly to that section of the Bulletin under the College of Arts and Sciences.)
### College of Arts and Sciences

#### College Requirements

I. Foreign Language (placement exam recommended) .................................................. 0-14

II. Disciplinary Requirements
   a. Natural Science .................................................................................................. 1
   b. Social Science (completed by Premajor and Major Requirements) .................. 6
   c. Humanities ......................................................................................................... 3

III. Laboratory or Field Work ..................................................................................... 1

IV. Electives ................................................................................................................. 6

College Requirement hours: .................................................................................. 19-33

#### Premajor Requirements

*MA 113 Calculus I
or
*MA 123 Elementary Calculus and its Applications
and
MA 162 Finite Mathematics and its Applications .... 4-7

ECO 201 Principles of Economics I .................................................. 3

ECO 202 Principles of Economics II .................................................. 3

STA 291 Statistical Methods ............................................................................. 3

Premajor hours: .......................................................................................... 13-16

#### Major Requirements

**Major Core Requirements**

ECO 391 Economic and Business Statistics .................................................. 3

ECO 401 Intermediate Microeconomic Theory ............................................ 3

ECO 402 Intermediate Macroeconomic Theory ........................................ 3

ECO 499 Seminar in Economics (Subtitle required) ........................................ 3

Premajor hours: .......................................................................................... 13-16

#### Other Course Work Required for the Major

From the Major Department: Choose 9-15 hours of 300+ level Economics courses .................................................. 9-15

From Outside the Major Department: Choose 15-21 hours outside Economics at the 200+ level, with at least six hours in two different departments. These courses are generally chosen from the following departments: Anthropology, Computer Science, History, Mathematics, Philosophy, Political Science, Psychology, Sociology, Statistics, or courses offered by the College of Business and Economics. 200+ level courses used to satisfy College Requirements can also be counted here .................................. 15-21

Other Major hours: ......................................................................................... 30

#### Electives

Choose electives to lead to the minimum total of 60 science hours and 120 earned hours required for graduation .......................................................... 7

**Total Minimum Hours Required for Degree** ............................................. 120

*Course used towards completion of a UK Core Requirement.

---

### Bachelor of Science with a major in ECONOMICS

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with a prefix of ECO are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this 60-hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

#### UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core Requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

**University of Kentucky 2014-2015 Undergraduate Bulletin**

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### College of Arts and Sciences

#### College Requirements

I. Foreign Language (placement exam recommended) .................................................. 0-14

II. Disciplinary Requirements
   a. Natural Science .................................................................................................. 1
   b. Social Science (completed by Premajor and Major Requirements) .................. 6
   c. Humanities ......................................................................................................... 3

III. Laboratory or Field Work ..................................................................................... 1

IV. Electives ................................................................................................................. 6

College Requirement hours: .................................................................................. 19-33

#### Premajor Requirements

*MA 113 Calculus I
or
*MA 123 Elementary Calculus and its Applications
and
MA 162 Finite Mathematics and its Applications .... 4-7

ECO 201 Principles of Economics I .................................................. 3

ECO 202 Principles of Economics II .................................................. 3

STA 291 Statistical Methods ............................................................................. 3

Premajor hours: .......................................................................................... 13-16

#### Major Requirements

**Major Core Requirements**

ECO 391 Economic and Business Statistics .................................................. 3

ECO 401 Intermediate Microeconomic Theory ........................................ 3

ECO 402 Intermediate Macroeconomic Theory ........................................ 3

**Major Core hours:** ......................................................................................... 12

#### Other Course Work Required for the Major

From the Major Department: Choose 9-15 hours of 300+ level Economics courses .................................................. 9-15

From Outside the Major Department: Choose 15-21 hours outside Economics at the 200+ level, with at least six hours in two different departments. These courses are generally chosen from the following departments: Anthropology, Computer Science, History, Mathematics, Philosophy, Political Science, Psychology, Sociology, Statistics, or courses offered by the College of Business and Economics. 200+ level courses used to satisfy College Requirements can also be counted here .................................. 15-21

Other Major hours: ......................................................................................... 30

#### Electives

Choose electives to lead to the minimum total of 60 science hours and 120 earned hours required for graduation .......................................................... 7

**Total Minimum Hours Required for Degree** ............................................. 120

*Course used towards completion of a UK Core Requirement.

---

### Minor in Economics

The minor in Economics requires 18 hours of course work to include:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 201 Principles of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>ECO 202 Principles of Economics II</td>
<td>3</td>
</tr>
<tr>
<td>ECO 401 Intermediate Microeconomic Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECO 402 Intermediate Macroeconomic Theory</td>
<td>3</td>
</tr>
<tr>
<td>Three additional economics courses at the 300-level or above</td>
<td>9</td>
</tr>
</tbody>
</table>

---

### ENGLISH

The Department of English offers a wide variety of courses in English and American literature as well as in imaginative writing, cultural studies, film, linguistics, and composition.

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### Bachelor of Arts with a major in ENGLISH

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the major requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

#### UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core Requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.
I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ......................... 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ......................... 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ......................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ......................... 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ............ 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II ............ 3

VII. Quantitative Foundations
Choose one course from approved list ......................... 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list ......................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ......................... 3

X. Global Dynamics
Choose one course from approved list ......................... 3

UK Core Hours .................................................. 30

Graduation Composition and Communication Requirement (GCCR)
ENG 330 Text and Context (Subtitle required) .................. 3

Graduation Composition and Communication Requirement hours (GCCR) ......................... 3

College Requirements
I. Foreign Language (placement exam recommended) ............ 0-14
II. Disciplinary Requirements
   a. Natural Science .................................................. 6
   b. Social Science .................................................. 6
   c. Humanities (completed by Major Requirements) ............ 0-6
III. Laboratory or Field Work ........................................ 1
IV. Electives ......................................................... 6

College Requirement hours: .......................... 19-33

Premajor Requirements
* CIS/WRD 110 Composition and Communication I
  (requirement fulfilled in UK Core) ........................... 3
* CIS/WRD 111 Composition and Communication II
  (requirement fulfilled in UK Core) ........................... 3

plus one of the following
* ENG 107 Writing Craft: Introduction to Imaginative Writing .......... 3
* ENG 209 The Structure and Use of English .................... 3
* ENG 230 Introduction to Literature ................................ 3

Premajor hours: ............................................. 3

*Course used towards completion of a UK Core Requirement.

Major Requirements

ENG Historical Survey Requirement .......................... 6

Majors must take two Historical Survey courses of their choice. Historical Surveys can be taken in any combination and any order. Courses fulfilling the Historical Survey Requirement include:
ENG 241 Survey of British Literature I .......................... 3
ENG 242 Survey of British Literature II .......................... 3
ENG 251 Survey of American Literature I .......................... 3
ENG 252 Survey of American Literature II .......................... 3
ENG 265 Survey of African-American Literature I ................. 3
ENG 266 Survey of African-American Literature II ................. 3
ENG 330 Text and Context (Subtitle required) .................. 3

Majors must complete this core course after completing the premajor requirements and before going on to 400-level courses in the major. ENG 330 fulfills the Graduation Writing Requirement.

ENG Early Period Requirement ............................. 0-3

Majors must take at least one designated Early Period ENG course of their choice. This requirement will NOT be waived. Majors should be careful to choose an appropriate Early Period ENG course accordingly. Courses fulfilling the Early Period Requirement include:
ENG 241 Survey of British Literature I .......................... 3
ENG 251 Survey of American Literature I .......................... 3
ENG 341 Chaucer and His Contemporaries .......................... 3
ENG 342 Shakespeare ................................................ 3
ENG 343 Renaissance Drama and Society .......................... 3
ENG 518 Advanced History of the English Language 3
ENG 519 Introduction to Old English .......................... 3

or other Early Period subtitled courses as designated at the 300-400 level .......................... 3

Major Core hours: ............................................. 9-12

Other Course Work Required for the Major

From the Major Department:
Majors must take an additional seven courses in ENG (Major Electives) primarily at the 300-level and above. Of these required seven courses:

• two courses must be at the 400-level, of which one must be above ENG 407 (i.e., not ENG 401, 405, or 407);

• two courses maximum may be counted from additional Historical Surveys not used to fulfill the Historical Survey requirement (surveys cannot be double-counted for the Historical Survey Requirement and for the total ENG course requirement);

• two courses maximum may be counted from among ENG 207, ENG 221, ENG 260, ENG 280, and ENG 290.

Otherwise, all additional courses must be at the 300-500 level in ENG. Majors should fulfill the Early Period Requirement from among these courses .......................... 21

Total minimum ENG course hours (excluding premajor) .................. 30

From Outside the Major Department:
For the English B.A. degree, nine additional hours at the 200+ level outside English are required in allied departments and programs in Arts, Humanities, Social Sciences, and Education. Applicable departments and programs include (by prefix): A&S, AIS, AJS, ANT, APP, CHI, CLA, EDC, EDU, EPE, GER, GWS, HIS, HJS, HNM, HON, IAS, ITA, JOU, JPN, LAS, LIN, MAS, MCL, PHI, PS, RS, SPA, ST, WRD ........................................ 9

Total Major hours: ............................................. 39-42

Other Electives
Choose electives and other courses to lead to the minimum total of 120 hours required for graduation.

Total Minimum Hours Required for Degree .................... 120

Imaginative Writing Option – B.A.

12 total hours within the ENG program

To fulfill the ENG Imaginative Writing Option, students must complete the following:

• ENG 207 Beginning Workshop in Imaginative Writing (Subtitle required) .......................... 3
• ENG 407 Intermediate Workshop in Imaginative Writing (Subtitle required) .......................... 3
• ENG 507 Advanced Workshop in Imaginative Writing (Subtitle required) taken twice under two different subtitles ........................................ 6
• submission of a portfolio for evaluation by the Imaginative Writing staff six weeks prior to graduation

Bachelor of Science with a major in ENGLISH

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Courses with an ENG prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. For the ENG B.S. in particular, majors are allowed to apply an additional 9 hours of elective course work towards the science requirement. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements
See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ......................... 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ......................... 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ......................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ......................... 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ............ 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II ............ 3

VII. Quantitative Foundations
Choose one course from approved list ......................... 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list ......................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ......................... 3

X. Global Dynamics
Choose one course from approved list ......................... 3

UK Core Hours .................................................. 30

Graduation Composition and Communication Requirement (GCCR)
ENG 330 Text and Context (Subtitle required) .................. 3

Graduation Composition and Communication Requirement hours (GCCR) ......................... 3
Major Requirements

ENG Historical Survey Requirement ............... 6
Majors must take two historical Survey courses of their choice. Historical Surveys can be taken in any combination and any order. Courses fulfilling the Historical Survey Requirement include:
ENG 241 Survey of British Literature I .......... 3
ENG 242 Survey of British Literature II .......... 3
ENG 251 Survey of American Literature I ...... 3
ENG 252 Survey of American Literature II ....... 3
ENG 265 Survey of African-American Literature I ................................................. 3
ENG 266 Survey of African-American Literature II ................................................ 3
ENG 330 Text and Context (Subtitle required) .. 3
Majors must complete this core course after completing the premajor requirements and before going on to 400-level courses in the major. ENG 330 fulfills the Graduation Writing Requirement.

ENG Early Period Requirement ..................... 0-3
Majors must take at least one designated Early Period ENG course of their choice. This requirement will NOT be waived. Majors should be careful to choose an appropriate Early Period ENG course accordingly. Courses fulfilling the Early Period Requirement include:
ENG 241 Survey of British Literature I .......... 3
ENG 251 Survey of American Literature I ...... 3
ENG 341 Chaucer and His Contemporaries ..... 3
ENG 342 Shakespeare ................................ 3
ENG 343 Renaissance Drama and Society ....... 3
ENG 518 Advanced History of the English Language ................................................. 3
ENG 519 Introduction to Old English ............. 3
or other Early Period subtitled courses as designated at the 300-400 level ............ 3

Major Core hours: .................................... 9-12

Other Course Work Required for the Major

From the Major Department:
Majors must take an additional seven courses in ENG (Major Electives) primarily at the 300-level and above. Of these required seven courses:

• two courses must be at the 400-level, of which one must be above ENG 407 (i.e., not ENG 401, 405, or 407);
• two courses maximum may be counted from additional Historical Surveys not used to fulfill the Historical Survey requirement (surveys cannot be double-counted for the Historical Survey Requirement and for the total ENG course requirement);
• two courses maximum may be counted from among ENG 207, ENG 221, ENG 260, ENG 280, and ENG 290.

Other Electives
Choose electives and other courses to lead to the minimum total of 120 hours of course work and 60 hours of science credits required for graduation.

Total Minimum Hours Required for Degree .............. 120

Imaginative Writing Option – B.S.
12 total hours within the ENG program

To fulfill the ENG Imaginative Writing Option, students must complete the following:

• ENG 207 Beginning Workshop in Imaginative Writing (Subtitle required) ................. 3

• ENG 407 Intermediate Workshop in Imaginative Writing (Subtitle required) ................. 3

• ENG 507 Advanced Workshop in Imaginative Writing (Subtitle required) taken twice under two different subtitles ......................................................... 6

• submission of a portfolio for evaluation by the Imaginative Writing staff six weeks prior to graduation

Minor in English

The minor in English requires 19 hours of course work to include:

Any one ENG Historical Survey course:
ENG 241 Survey of British Literature I .......... 3
ENG 242 Survey of British Literature II .......... 3
ENG 251 Survey of American Literature I ...... 3
ENG 252 Survey of American Literature II ....... 3
ENG 265 Survey of African-American Literature I ................................................. 3
ENG 266 Survey of African-American Literature II ................................................. 3

One core course:
ENG 330 Text and Context (Subtitle required) ......................................................... 3

Four more ENG courses, with a maximum of one 100-level course and a minimum of two 300-level courses ....... 12

Combinations may include:
1. any one 100-level ENG course plus one 200-level ENG introductory course (e.g. ENG 230, ENG 260, ENG 280, ENG 290) or a 300-level ENG course, plus any two ENG courses at the 300-level level; or

2. any two 200-level ENG introductory courses, plus any two ENG courses at the 300-level level; or

3. any one 200-level ENG introductory course, plus any three ENG courses at the 300-level level; or

4. any four ENG courses at the 300-level level.
College of Arts and Sciences

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ........................................... 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II .......................................... 3

VII. Quantitative Foundations
Choose one course from approved list ............................................ 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list ................................................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ................................................... 3

X. Global Dynamics
Choose one course from approved list ................................................... 3

UK Core hours: ................................................................................. 30

Graduation Composition and Communication Requirement (GCCR)

After attaining sophomore status, students must complete the Graduation Composition and Communication Requirement. Please see your academic advisor for courses that meet this requirement.

College Requirements
I. Foreign Language (placement exam recommended) ........................................... 0-14

II. Disciplinary Requirements
a. Natural Science (completed by Major Requirements) ........................................ 3
b. Social Science (completed by Major Requirements) ........................................... 3
c. Humanities .................................................................................. 6

III. Laboratory or Field Work ...................................................................... 1

IV. Electives ....................................................................................... 6

College Requirement hours: ......................................................... 13-27

Required Core Courses

Hours
ENS 201 Environmental and Sustainability Studies I: Humanities and Social Sciences ........................................... 3
ENS 202 Environmental and Sustainability Studies II: Natural Science and Policy ........................................... 3
WRD 425 Environmental Writing ..................................................................... 3
ENS 300 Special Topics (Subtile required) ....................................................... 3
PHI 336 Environmental Ethics ...................................................................... 3
ENS 400 Senior Seminar (Subtile required) ....................................................... 3

Required Core Courses hours: ......................................................... 18

AREAS OF EXPERTISE

Students must take five courses (15 credits) in one Area of Expertise, two in another Area (6 credits), and one in a third Area (3 credits)

Area 1 – Economics

A sustainable balance must be made between economic gain and protection of natural resources. Governments must determine policy and institute laws to provide the necessary protection of natural resources, and provide the guidelines for any development. This Area will provide the students with training in the interconnectedness of economics, policy and development. The students will have the freedom to select clusters of courses suited to their career goals. For example, students anticipating careers in business may select courses related to economics and those planning to go to Law School may focus on policy courses.

AEC 303 Microeconomic Concepts in Agricultural Economics ........................................... 3
AEC 324 Agricultural Law ........................................................................... 3
AEC 326 Principles of Environmental Law ............................................. 3
AEC 445G Introduction to Resource and Environmental Economics ........................................... 3
AEC/ECO 479 Public Economics ................................................. 3
AEC 483 Regional Economics ......................................................... 3
AEC 532 Agriculture and Food Policy ................................................... 3
AEC/NRE 543 Resource and Environmental Economics ................................. 3
ANT 225 Culture, Environment and Global Issues ........................................... 3
ANT 311 Anthropology of Globalization ..................................................... 3
ANT 322 Ancient Mexican Civilizations ....................................................... 3
ANT 338 Economic Anthropology ......................................................... 3
ANT 340 Development and Change in the third World ..................................... 3
ANT 375 Ecology and Social Practice ......................................................... 3
ANT 470G Regional American Ethnography ................................................... 3
ANT 532 Anthropology of the State ........................................................... 3
ANT 543 Cultural Resource Management ..................................................... 3
ECO 201 Principles of Economics ............................................................. 3
ECO 202 Principles of Economics ............................................................. 3
ECO 401 Intermediate Microeconomic Theory ................................................. 3
ECO 410 Current Issues in Economics (Subtitle required) ........................................... 3
ECO 473G Economic Development ........................................................... 3
ENS 395 Independent Work ........................................................................... 3
FOR 280 Forest Policy ................................................................................. 2
FOR 325 Economic Botany: Plants and Human Affairs .......................................... 3
GEO 231 Environment and Development ..................................................... 3
GEO 235 Environmental Management and Policy ........................................... 3
GEO 255 Geography of the Global Economy ................................................. 3
GEO 260 Geographies of Development in the Global South ..................................... 3
GEO 321 Land, People, and Development in Appalachia ........................................... 3
GEO 442G Political Geography ................................................................. 3
GEO 455 Globalization and the Changing World Economy ........................................... 3
GEO 550 Sustainable Resource Development and Environmental Management ........................................... 3
NRE 201 Natural Resources and Environmental Science ........................................... 3
NRE 381 Natural Resource and Environmental Policy Analysis ........................................... 3
STA 291 Statistical Methods ........................................................................... 3
STA 320 Introductory Probability ........................................................................ 3
*ECO 201 is required for Area 1.

Area 2 – Environment

This area will build upon the fundamental natural science knowledge obtained in ENS 202 and the subjects taken to fulfill the A&S requirements. Students will be able to select from courses spanning a wide range of environmental subjects in order to focus on a subject of their specific interest. For example, this Area could be used to observe how societies have influenced the natural world from historic to modern times, the impact of development on ecology, and how climate change today compares to changes that occurred in the past.

ANT 240 Introduction to Archeology ............................................................ 3
ANT 241 Origins of Old World Civilization ...................................................... 3
ANT 242 Origins of New World Civilization ..................................................... 3
ANT 351 Special Topics in Archeology (Subtitle required) ........................................... 3
BIO 303 Introduction to Evolution ................................................................... 4
BIO 325 Ecology ....................................................................................... 4
BIO 375 Behavioral Ecology and Sociobiology ................................................. 3
BIO 452G Laboratory in Ecology .................................................................... 2
CE 555 Microbial Aspects of Environmental Engineering ........................................... 3
CHE 565 Environmental Chemistry .............................................................. 3
EGR 240 Global Energy Issues ........................................................................... 3
ENG 401 Special Topics in Writing (Subtitle required) ........................................... 3
ENS 395 Independent Work .............................................................................. 3
FOR 219 Dendrology ................................................................................... 4
FOR 230 Conservation Biology ........................................................................... 3
FOR 240 Forestry and Natural Resource Ethics ................................................. 2
GEO 231 Environment and Development ...................................................... 3
GEO 235 Environmental Management and Policy ........................................... 3
GEO 322 Geography of Kentucky ...................................................................... 3
GEO 331 Global Environmental Change ......................................................... 3
GEO 351 Physical Landscapes ........................................................................... 3
GEO 431 Political Ecology ............................................................................. 3
GEO/BIO 530 Biogeography and Conservation ................................................. 3
GEO 531 Landscape Ecology ................................................................. 3
GEO 550 Sustainable Resource Development and Environmental Management ........................................... 3
EES 220 Principles of Physical Geography ...................................................... 4
EES 341 Landforms .................................................................................... 3
ANT 342 North American Archaeology ......................................................... 3
EES 360 Mineralogy .................................................................................... 4
EES 385 Hydrology and Water Resources ....................................................... 3

Area 3 – Society

This Area explores the way that human society interacts with the environment. “Coupled human-natural systems” are a primary driver of environmental change, and also a key source of solutions to environmental problems. This Area will build students’ knowledge of the mutually influencing human-environment dynamics.

ANT 211 Native People of North America ..................................................... 3
ANT 225 Culture, Environment and Global Issues ........................................... 3
ANT 245 Food Culture and Society ............................................................... 3
ANT 303 Topics in the Anthropology of Food and Nutrition (Subtitle required) ........................................... 3
ANT 311 Anthropology of Globalization ......................................................... 3
ANT/AAS 326 People and Cultures of Sub-Saharan Africa ........................................... 3
ANT 340 Development and Change in the Third World ........................................... 3
ANT 342 North American Archaeology ......................................................... 3
ANT 375 Ecology and Social Practice ............................................................. 3
ANT 470G Regional American Ethnography ...................................................... 3
ANT 525 Applied Anthropology ................................................................. 3
ANT 545 Historical Archaeology ................................................................. 3
ANT 555 Eastern North American Archaeology ................................................. 3
ARC 314 History and Theory III: 20th Century and Contemporary Architecture ........................................... 3
ARC 315 World Architecture and Urbanism ...................................................... 3
ENS 300 Special Topics (Subtitle required) ....................................................... 3
ENS 395 Independent Work .............................................................................. 3
GEO 231 Environment and Development ...................................................... 3
GEO 285 Introduction to Planning ..................................................................... 3
GEO 321 Land, People, and Development in Appalachia ........................................... 3
GEO 331 Global Environmental Change ......................................................... 3
GEO 431 Political Ecology ............................................................................. 3
GEO 485G Urban Planning and Sustainability ................................................... 3
HIS 240 History of Kentucky ........................................................................... 3
LA 205 History of Landscape Architecture ..................................................... 3
PHI 361 Biology and Society ........................................................................... 3
PS 391 Special Topics in Political Science (Subtitle required) ........................................... 3
SAG 201 Cultural Perspectives on Sustainability ................................................. 3
SOC 302 Sociological Research Methods ......................................................... 3
SOC/CILD 360 Environmental Sociology ...................................................... 3
SOC 363 Environmental Justice ................................................................. 3
SOC/CILD 380 Globalization: A Cross-Cultural Perspective ........................................... 3
SOC/CILD 420 Sociology of Communities ....................................................... 3
SOC/CILD 517 Rural Sociology ........................................................................... 3
SOC/ANT/CILD 534 Sociology of Appalachia .................................................. 3

Areas of Expertise hours: ............................................................................. 24
From Outside the Major Department
Choose hours outside Environmental and Sustainability Studies at the 300+ level. 200+ level courses used to satisfy College Requirements can also be counted here.

Subtotal: Other Major hours: ................. 6

Electives
Electives should be selected to complete the 120 hours required for graduation.

Subtotal: Electives .......................... minimum of 6

Total Minimum Hours
Required for Degree ......................... 120

### FOREIGN LANGUAGE AND INTERNATIONAL ECONOMICS

The Foreign Language and International Economics (FLIE) major combines economics with proficiency in a non-English language and prepares students for a future in government, international relations, law, research, multinational corporations, and local industries who conduct business internationally. Economists are able to interpret and forecast general economic conditions, estimate trends, analyze data, and use economic theory to help their organization operate more efficiently. Combine those skills with the ability to communicate effectively in another language, and opportunities abound.

In the FLIE major, students take a minimum of nine economics courses and seven to ten intermediate and advanced courses in one of the following languages: French, German, Japanese, Russian, or Spanish. Chinese and Arabic are in development.

The courses listed below are (a) required for graduation.

<table>
<thead>
<tr>
<th>Language</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td></td>
<td></td>
</tr>
<tr>
<td>French</td>
<td>GER 101 Contemporary Economic Issues</td>
<td>3</td>
</tr>
<tr>
<td>German</td>
<td>GER 101 German Economic Issues</td>
<td>3</td>
</tr>
<tr>
<td>Japanese</td>
<td>JPN 101 Introduction to Japanese Language</td>
<td>3</td>
</tr>
<tr>
<td>Russian</td>
<td>RUS 101 Introduction to Russian Language</td>
<td>3</td>
</tr>
<tr>
<td>Spanish</td>
<td>SPA 101 Introduction to Spanish</td>
<td>3</td>
</tr>
<tr>
<td>Chinese</td>
<td>CHN 101 Introduction to Chinese</td>
<td>3</td>
</tr>
<tr>
<td>Arabic</td>
<td>ARB 101 Introduction to Arabic</td>
<td>3</td>
</tr>
</tbody>
</table>

### Bachelor of Arts with a major in FOREIGN LANGUAGE AND INTERNATIONAL ECONOMICS

#### 120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

#### UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required by their advisor to complete the UK Core requirements.

**I. Intellectual Inquiry in Arts and Creativity**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR 205</td>
<td>The French Graphic Novel</td>
</tr>
<tr>
<td>FR 225</td>
<td>French Film Noir</td>
</tr>
<tr>
<td>GER 103</td>
<td>Fairy Tales in European Context</td>
</tr>
<tr>
<td>GER 105</td>
<td>German Film Today</td>
</tr>
<tr>
<td>MCL 100</td>
<td>The World of Language</td>
</tr>
<tr>
<td>RUS 125</td>
<td>Mapping Russia (Subtitle required)</td>
</tr>
<tr>
<td>RUS 270</td>
<td>Russian Culture 900-1900</td>
</tr>
<tr>
<td>SPA 371</td>
<td>Latin American Cinema (Subtitle required)</td>
</tr>
<tr>
<td>SPA 372</td>
<td>Spanish Cinema (Subtitle required)</td>
</tr>
</tbody>
</table>

**II. Intellectual Inquiry in the Humanities**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR 205</td>
<td>The French Graphic Novel</td>
</tr>
<tr>
<td>FR 225</td>
<td>French Film Noir</td>
</tr>
<tr>
<td>GER 103</td>
<td>Fairy Tales in European Context</td>
</tr>
<tr>
<td>GER 105</td>
<td>German Film Today</td>
</tr>
<tr>
<td>MCL 100</td>
<td>The World of Language</td>
</tr>
<tr>
<td>RUS 125</td>
<td>Mapping Russia (Subtitle required)</td>
</tr>
<tr>
<td>RUS 270</td>
<td>Russian Culture 900-1900</td>
</tr>
<tr>
<td>SPA 371</td>
<td>Latin American Cinema (Subtitle required)</td>
</tr>
<tr>
<td>SPA 372</td>
<td>Spanish Cinema (Subtitle required)</td>
</tr>
</tbody>
</table>

**III. Intellectual Inquiry in the Social Sciences**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS/WRD 110</td>
<td>Composition and Communication I</td>
</tr>
<tr>
<td>CIS/WRD 111</td>
<td>Composition and Communication II</td>
</tr>
</tbody>
</table>

**IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS/WRD 110</td>
<td>Composition and Communication I</td>
</tr>
<tr>
<td>CIS/WRD 111</td>
<td>Composition and Communication II</td>
</tr>
</tbody>
</table>

**V. Composition and Communication I**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS/WRD 110</td>
<td>Composition and Communication I</td>
</tr>
<tr>
<td>CIS/WRD 111</td>
<td>Composition and Communication II</td>
</tr>
</tbody>
</table>

**VI. Composition and Communication II**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS/WRD 110</td>
<td>Composition and Communication I</td>
</tr>
<tr>
<td>CIS/WRD 111</td>
<td>Composition and Communication II</td>
</tr>
</tbody>
</table>

**VII. Quantitative Foundations**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose one course from approved list</td>
<td>3</td>
</tr>
</tbody>
</table>

**VIII. Statistical Inferential Reasoning**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose one course from approved list</td>
<td>3</td>
</tr>
</tbody>
</table>

**IX. Community, Culture and Citizenship in the USA**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCL 100</td>
<td>The World of Language</td>
</tr>
<tr>
<td>SPA 208</td>
<td>U.S. Latino Culture and Politics</td>
</tr>
</tbody>
</table>

**X. Global Dynamics**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER 345</td>
<td>War, Peace, and Terror in Germany and Europe</td>
</tr>
<tr>
<td>GER 361</td>
<td>German Cinema</td>
</tr>
<tr>
<td>JPN 320</td>
<td>Introduction to Japanese Culture</td>
</tr>
<tr>
<td>JPN 321</td>
<td>Introduction to Japanese Culture</td>
</tr>
<tr>
<td>JPN 351</td>
<td>The Japanese Experience of the Twentieth Century</td>
</tr>
<tr>
<td>RUS 125</td>
<td>Mapping Russia (Subtitle required)</td>
</tr>
<tr>
<td>RUS 271</td>
<td>Russian Culture 1900-Present</td>
</tr>
<tr>
<td>RUS 370</td>
<td>Russian Folklore (in English)</td>
</tr>
</tbody>
</table>

**Elevecs**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCL 100</td>
<td>The World of Language</td>
</tr>
<tr>
<td>SPA 208</td>
<td>U.S. Latino Culture and Politics</td>
</tr>
</tbody>
</table>

**French Core**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR 204</td>
<td>Introduction to French and Francophone Studies</td>
</tr>
<tr>
<td>FR 214</td>
<td>France Today</td>
</tr>
<tr>
<td>FR 215</td>
<td>Visual Cultures</td>
</tr>
<tr>
<td>FR 307</td>
<td>French for Business and Economics</td>
</tr>
</tbody>
</table>

**German Core**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER 206</td>
<td>Spoken Communication</td>
</tr>
<tr>
<td>GER 307</td>
<td>Intermediate German Composition and Conversation I</td>
</tr>
<tr>
<td>GER 310</td>
<td>German for International Business and Professions</td>
</tr>
</tbody>
</table>

**Economics Core**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 401</td>
<td>Intermediate Microeconomic Theory</td>
</tr>
<tr>
<td>ECO 402</td>
<td>Intermediate Macroeconomic Theory</td>
</tr>
<tr>
<td>ECO 300</td>
<td>Any 300+ level ECO course</td>
</tr>
</tbody>
</table>

**College of Arts and Sciences**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER 361</td>
<td>German Cinema</td>
</tr>
<tr>
<td>GER 363</td>
<td>Germanic Mythology</td>
</tr>
<tr>
<td>GER 395</td>
<td>Independent Work in German</td>
</tr>
<tr>
<td>GER 415</td>
<td>Major German Authors</td>
</tr>
<tr>
<td>GER 416</td>
<td>Genres of German Literature</td>
</tr>
<tr>
<td>GER 420</td>
<td>Special Studies in German Literary and Cultural History</td>
</tr>
<tr>
<td>GER 507</td>
<td>Advanced German Composition and Conversation</td>
</tr>
</tbody>
</table>
Japanese Core Requirement

JPN 302 Advanced Japanese II .................................................. 3
JPN 321 Introduction to Japanese Culture, Meiji (1868) to Present .................................................. 3
JPN 334 Environment, Society and Economy of Japan .................................................. 3

plus 12 hours from the following:
A-H 310 Asian Art and Culture ............................... 3
A-H 311 The Arts As Soft Power: The Japanese Tea Ceremony .................................................. 3
COM 525 Advanced Issues in Organizational Communication (Subtitle required) .................................................. 3
GEO 333 Geography of East Asia .................................................. 3
GEO 365 Special Topics in Regional Geography (Subtitle required) .................................................. 3
GEO 406 Field Studies in Geography (Subtitle required) .................................................. 3
GEO/JPN 491G Japanese Landscapes .................................................. 3
GEO/JPN 551 Japanese Multinational Corporations .................................................. 3
HIS 295 East Asia to 1800 .................................................. 3
HIS 296 East Asia Since 1600 .................................................. 3
HIS 299 Japanese Film .................................................. 3
JPN 320 Introduction to Japanese Culture, Premodern to 1868 .................................................. 3
JPN 351 The Japanese Experience of the Twentieth Century .................................................. 3
JPN 421G Contemporary Literary and Visual Arts of Japan .................................................. 3
JPN 520 Japanese Linguistics and Society .................................................. 3
PS 419G The Governments and Politics of Eastern Asia .................................................. 3
and/or other related courses with the approval of the major advisor

Japanese Core hours: .................................................. 21

Russian Core Requirement

RUS 271 Russian Culture 1900-Present .................................................. 3
RUS 301 Conversation and Composition I .................................................. 3
RUS 302 Advanced Intermediate Russian II .................................................. 3

plus one of the following courses:
RUS 380 Nineteenth Century Russian Literature (in English) .................................................. 3
RUS 381 Russian Literature 1900-Present (in English) .................................................. 3

plus 9 hours from the following:
ANT 329 Cultures and Societies of Eurasia and Eastern Europe: Socialism and Post-Sovietist Change .................................................. 3
HIS 385 History of Russia to 1825 .................................................. 3
HIS 386 History of Russia Since 1825 .................................................. 3
HIS 534 Russia in the 19th Century .................................................. 3
HIS 535 Russia in the 20th Century .................................................. 3
HIS 536 Intellectual and Cultural History of Russia to 1800 .................................................. 3
HIS 537 Intellectual and Cultural History of Russia from 1800 to the Present .................................................. 3
GEO 329 Geography of the Former Soviet Union .................................................. 3
PS 425G Government and Politics in Russia and the Post-Soviet States .................................................. 3
RUS 370 Russian Folklore (in English) .................................................. 3
RUS 460G Major Russian Writers (Subtitle required) .................................................. 3
RUS 463 Russian Film and Theatre (Subtitle required) .................................................. 3
RUS 499 Russian Studies Capstone Seminar (Subtitle required) .................................................. 3
RUS 501 Structure of Russian .................................................. 3

RUS 502 Structure of Russian .................................................. 3
RUS 520 Russian Translation .................................................. 3
RUS 530 Business Russian .................................................. 3

Russian Core hours: .................................................. 21

Spanish Core Requirement

SPA 302 Spanish for Business Professionals .................................................. 3
SPA 323 Introduction to Spanish Translation .................................................. 3
SPA 332 Spanish and Latin American Business Environments .................................................. 3
SPA 420 Spanish in the World .................................................. 3

plus 9 hours from the following:
SPA 312 Civilization of Spain .................................................. 3
SPA 314 Civilization of Spanish America .................................................. 3
SPA 423 Advanced Spanish Translation .................................................. 3
SPA 480 Hispanic Kentucky .................................................. 3

Any 400+ level SPA course .................................................. 3

Spanish Core hours: .................................................. 21

Electives

Choose electives to lead to the minimum total of 120 hours required for graduation.

Total Minimum Hours Required for Degree .................................................. 120

*Course used towards completion of a UK Core Requirement.

Bachelor of Science with a major in FOREIGN LANGUAGE AND INTERNATIONAL ECONOMICS

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with a FR, GER, JPN, RUS, SPA or ECO prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in the Humanities

Choose one course from approved list .................................................. 3

II. Intellectual Inquiry in the Social Sciences

ECO 101 Contemporary Economic Issues .................................................. 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list .................................................. 3

V. Composition and Communication I

CIS/WRD 111 Composition and Communication I .................................................. 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II .................................................. 3

VII. Quantitative Foundations

Choose one course from approved list .................................................. 3

VIII. Statistical Inferential Reasoning

Choose one course from approved list .................................................. 3

IX. Community, Culture and Citizenship in the USA

SPA 208 U.S. Latino Culture and Politics .................................................. 3

X. Global Dynamics

GER 342 War, Peace, and Terrorism in Germany and Europe .................................................. 3
GER 361 German Cinema .................................................. 3
JPN 320 Introduction to Japanese Culture, Premodern to 1868 .................................................. 3
JPN 321 Introduction to Japanese Culture, Meiji (1868) to Present .................................................. 3
JPN 351 The Japanese Experience of the Twentieth Century .................................................. 3
RUS 125 Mapping Russia (Subtitle required) .................................................. 3
RUS 271 Russian Culture 1900-Present .................................................. 3
RUS 370 Russian Folklore (in English) .................................................. 3

UK Core hours .................................................. 30

Graduation Composition and Communication Requirement (GCCR)

MCL/SPA 300 Contact Zones: Cultivating Intercultural Competence .................................................. 3

Graduation Composition and Communication Requirement hours (GCCR) .................................................. 3

College Requirements

I. Foreign Language (placement exam recommended) .................................................. 1-14

II. Disciplinary Requirements

a. Natural Science .................................................. 3
b. Social Science .................................................. 3
c. Humanities .................................................. 3

III. Laboratory or Field Work .................................................. 1

IV. Electives .................................................. 6

College Requirement hours: .................................................. 16-30

Premajor Requirement

MCL/SPA 300 Contact Zones: Cultivating Intercultural Competence .................................................. 3

Premajor hours: .................................................. 3

Economics Core Requirement

STA 291 Statistical Methods .................................................. 3
ECO 201 Principles of Economics I .................................................. 3
ECO 202 Principles of Economics II .................................................. 3
ECO 391 Economic and Business Statistics .................................................. 3
ECO 401 Intermediate Microeconomic Theory .................................................. 3
ECO 402 Intermediate Macroeconomic Theory .................................................. 3
ECO 300+ Any 300+ level ECO course .................................................. 3

plus two of the following:
ECO 471 International Trade .................................................. 3
ECO 472 International Monetary Economics .................................................. 3
ECO 474G Economic Development .................................................. 3

Economics Core hours: .................................................. 27
French Core Requirement
FR 204 Introduction to French and Francophone Studies ............................................ 3
FR 214 France Today or
FR 215 Visual Cultures ..................................................................................................... 3
FR 307 French for Business and Economics .................................................................... 3
plus 12 hours from the following:
FR 310 French Phonetics and Phonology ................................................................. 3
FR 311 Introduction to French Linguistics ......................................................................... 3
FR 324 Studies in French Literature (Subtitle required) .................................................. 3
FR 325 French Cinema (Subtitle required) ........................................................................ 3
FR 344 The Literary Text (Subtitle required) ..................................................................... 3
FR 350 Francophone Cultures (Subtitle required) ............................................................ 3
FR 410 French in Performance .......................................................................................... 3
FR 425 Media Studies ......................................................................................................... 3
French Core hours: ............................................................................................................. 21

German Core Requirement
GER 206 Spoken Communication .................................................................................. 3
GER 307 Intermediate German Composition and Conversation I ................................. 3
GER 310 German for International Business and Professionals .................................... 3
plus 12 hours from the following:
GER 308 Intermediate German Composition and Conversation II .............................. 3
GER 311 Introduction to German Literature: Themes (Subtitle required) ....................... 3
GER 312 Introduction to German Literature: Popular Forms ............................................ 3
GER 317 History of German Culture .................................................................................. 3
GER 319 Contemporary German Literature and Culture .................................................... 3
GER 342 War, Peace, and Terror in Germany and Europe .................................................. 3
GER 352 German-Speaking Europe (Subtitle required) ..................................................... 3
GER 361 German Cinema .................................................................................................. 3
GER 363 Germanic Mythology ......................................................................................... 3
GER 395 Independent Work in German ............................................................................ 1-3
GER 415G Major German Authors (Subtitle required) ...................................................... 3
GER 416G Genres of German Literature ............................................................................ 3
GER 420G Special Studies in German Literary and Cultural History (Subtitle required) .................................................. 3
GER 507 Advanced German Composition and Conversation ........................................ 3
German Core hours: ........................................................................................................... 21

Japanese Core Requirement
JPN 302 Advanced Japanese II .......................................................................................... 3
JPN 321 Introduction to Japanese Culture, Meiji (1868) to Present ................................. 3
JPN 334 Environment, Society and Economy of Japan .................................................... 3
plus 12 hours from the following:
A-H 310 Asian Art and Culture (Subtitle required) ......................................................... 3
A-H 311 The Arts As Social Power: The Japanese Tea Ceremony .................................. 3
COM 525 Advanced Issues in Organizational Communication (Subtitle required) ........ 3
GEO 333 Geography of East Asia ...................................................................................... 3
GEO 365 Special Topics in Regional Geography (Subtitle required) ................................. 3
GEO 406 Field Studies in Geography (Subtitle required) ................................................. 3
GEO/JPN 491G Japanese Landscapes .............................................................................. 3
GEO/JPN 551 Japanese Multinational Corporations ....................................................... 3
HIS 295 East Asia to 1800 ................................................................................................. 3
HIS 296 East Asia Since 1800 .......................................................................................... 3
JPN 283 Japanese Film ....................................................................................................... 3
JPN 320 Introduction to Japanese Culture, Premodern to 1868 ........................................ 3
JPN 351 The Japanese Experience of the Twentieth Century ........................................ 3
JPN 421G Contemporary Literary and Visual Arts of Japan ............................................ 3
JPN 520 Japanese Linguistics and Society ................................................................. 3
PS 419G The Governments and Politics of Eastern Asia .................................................. 3
Japanese Core hours: ......................................................................................................... 21

Russian Core Requirement
RUS 271 Russian Culture 1900-Present .......................................................................... 3
RUS 301 Conversation and Composition I ................................................................. 3
RUS 302 Advanced Intermediate Russian II ...................................................................... 3
plus one of the following courses:
RUS 380 Nineteenth Century Russian Literature (in English) ......................................... 3
RUS 381 Russian Literature 1900-Present (in English) ...................................................... 3
plus 9 hours from the following:
ANT 329 Cultures and Societies of Eurasia and Eastern Europe: Socialism and Post-Socialist Change ............................................................... 3
HIS 385 History of Russia to 1825 .................................................................................. 3
HIS 386 History of Russia Since 1825 .......................................................................... 3
HIS 534 Russia in the 19th Century .................................................................................. 3
HIS 535 Russia in the 20th Century ................................................................................. 3
HIS 536 Intellectual and Cultural History of Russia to 1800 ........................................... 3
HIS 537 Intellectual and Cultural History of Russia from 1800 to the Present .............. 3
GEO 329 Geography of the Former Soviet Union ......................................................... 3
PS 429G Government and Politics in Russia and the Post-Soviet States ......................... 3
RUS 370 Russian Folklore (in English) ............................................................................ 3
RUS 460G Major Russian Writers (Subtitle required) ....................................................... 3
RUS 463 Russian Film and Theatre (Subtitle required) ....................................................... 3
RUS 499 Russian Studies Capstone Seminar (Subtitle required) ..................................... 3
RUS 501 Structure of Russian .......................................................................................... 3
RUS 502 Structure of Russian .......................................................................................... 3
RUS 520 Russian Translation ............................................................................................ 3
RUS 530 Business Russian ................................................................................................ 3
Russian Core hours: ......................................................................................................... 21

Spanish Core Requirement
SPA 302 Spanish for Business Professionals ................................................................. 3
SPA 323 Introduction to Spanish Translation ................................................................. 3
SPA 332 Spanish and Latin American Business Environments ........................................ 3
SPA 420 Spanish in the World ............................................................................................ 3
plus 9 hours from the following:
SPA 312 Civilization of Spain .......................................................................................... 3
SPA 314 Civilization of Spanish America ......................................................................... 3
Spanish Core hours: ......................................................................................................... 21

Electives
Choose electives to lead to the minimum total of 120 hours required for graduation.

Total Minimum Hours
Required for Degree .................................................................................................. 120

B.A. or B.S. with a major in

FRENCH

The requirements for the B.A. and B.S. with a major in French are listed in this A&S section under Modern and Classical Languages, Literatures and Cultures.

GENDER AND WOMEN’S STUDIES

The Department in Gender and Women’s Studies offers an interdisciplinary curriculum which focuses on the study of gender as an aspect of everyday life, as well as on the political and cultural experiences and contributions of women across the world and through time. Majors in GWS have gone on to become artists, activists, to study law, medicine, social work, and to pursue academic careers.

Bachelor of Arts with a major in

GENDER AND WOMEN’S STUDIES

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ............................................................................. 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ............................................................................. 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ............................................................................. 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ............................................................................. 3
College of Arts and Sciences

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I .......................... 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II .......................... 3

VII. Quantitative Foundations
Choose one course from approved list ................................. 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list ................................. 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ................................. 3

X. Global Dynamics
Choose one course from approved list ................................. 3

UK Core hours: .................................................................. 30

Graduation Composition and Communication Requirement (GCCR)
GWS 399 Senior Seminar: Subtitle required ................................. 3

Graduation Composition and Communication Requirement hours (GCCR) ................................. 3

College Requirements
I. Foreign Language (placement exam recommended) ..................... 0-14
II. Disciplinary Requirements
   a. Natural Science .................................................................. 6
   b. Social Science .................................................................. 6
   c. Humanities ...................................................................... 3
III. Laboratory or Field Work ...................................................... 1
IV. Electives ............................................................................ 6

College Requirement hours: .............................................. 22-36

Premajor Requirements
*GWS 200 Sex and Power ....................................................... 3
*GWS 201 Gender and Popular Culture .................................... 3
Premajor hours: ...................................................................... 6

Major Requirements
Core Courses
GWS 250 Social Movements ...................................................... 3
GWS 340 History of Feminist Thought to 1975 .............................. 3
GWS 350 Introduction to Feminist Theorizing ............................... 3
GWS 400 Doing Feminist Research ............................................ 3
GWS 599 Senior Seminar ......................................................... 3

Core hours: ........................................................................... 15

Elective Courses
Choose five 3-credit-hour courses (not to exceed more than 12 hours of GWS courses from the following) from a list of approved electives, including the courses below. Additional non-GWS courses will be approved on a semester-by-semester basis.
*GWS 300 Topics in Gender and Women’s Studies (Subtitle required) .................. 3
GWS 301 Crossroads (Subtitle required) ........................................ 3
GWS 302 Gender Across the World (Subtitle required) .................... 3
GWS 360 LGBTQ History in the United States ................................ 3
GWS 395 Undergraduate Research in Gender and Women’s Studies .............................. 1-3
GWS 399 Internship in Gender and Women’s Studies .............................................. 1-6
GWS 410 Introduction to Queer Theory ........................................ 3
GWS 430 Gender, Power and Violence ........................................ 3
GWS 506 History of Sexuality in the U.S. ....................................... 3
GWS 395 Issues in Gender and Women’s Studies (Subtitle required) .................. 3

Elective hours: ........................................................................ 15

Total Major hours: ................................................................... 30

Other Course Work Required for the Major
Students must complete at least 27 credit hours of the major through upper-division course work (12 credit hours of core courses, 15 credit hours of electives).

From Outside the Major Department
Choose 12 hours outside GWS at the 300+ level. 200+ level courses used to satisfy College requirements can also be counted here.

Other Major hours: ............................................................... 12

Total Minimum Hours Required for Degree ...................................... 120

*Course used towards completion of a UK Core Requirement.

Minor in Gender and Women’s Studies

The minor in Gender and Women’s Studies requires 21 hours of course work to include:

GWS 200 Sex and Power or
GWS 201 Gender and Popular Culture ........................................ 3
GWS 250 Social Movements ...................................................... 3
GWS 340 History of Feminist Thought to 1975 .............................. 3
GWS 350 Introduction to Feminist Theorizing ............................... 3

Plus an additional nine hours of electives to be selected with the approval of the Director of Undergraduate Studies in the Department of Gender and Women’s Studies.

Courses used for the Gender and Women’s Studies topical minor, major or graduate certificate must be taught by a Gender and Women’s Studies Affiliated Faculty.

For further information, contact Betty Pasley, Administrative Assistant, Gender and Women’s Studies, 112 Breckinridge Hall, (859) 257-1388.

GEOGRAPHY

Geography analyzes and explains the location of and interrelationships between human and physical features of the earth’s environment. Geographers also examine how and why features and their locations change over time, with particular interest in the many impacts of these changes on both people and natural settings. Geography is, therefore, both a social and a physical science. Because its fundamental subject matter is people and their environments, the discipline serves as an effective bridge between the physical and cultural worlds.

Majors in geography build solid academic foundations that draw from and interrelate areas of study from the social and behavioral sciences, humanities, computer science and graphic communication, and the natural sciences. With developed analytical, critical thinking, and communication skills, geography is particularly useful for students wishing to enter such careers as economic development, environmental management, international trade, transportation analysis and planning, diplomacy, government administration from local to federal levels, market analysis, urban and regional planning, research, teaching, cartography, Geographic Information Systems (GIS), and private business.

The Department of Geography has developed detailed major concentration tracks in seven areas: environmental geography, physical geography, urban geography and planning, GIS focus, human geography, international studies, and design your own geography major. For more information, contact the Department of Geography at (859) 257-2931, or on the Web at: www.uky.edu/AS/Geography/.

Bachelor of Arts with a major in GEOGRAPHY

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ...................................... 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ...................................... 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ...................................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ...................................... 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I .......................... 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II .......................... 3

VII. Quantitative Foundations
Choose one course from approved list ...................................... 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list ...................................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ...................................... 3

X. Global Dynamics
Choose one course from approved list ...................................... 3

UK Core hours: ...................................................................... 30

Graduation Composition and Communication Requirement (GCCR)
GEO 499 Senior Research Seminar ........................................... 3

Graduation Composition and Communication Requirement hours (GCCR) ........................................... 3
College Requirements
I. Foreign Language (placement exam recommended) ................................................. 0-14
II. Disciplinary Requirements
 a. Natural Science ......................................................................................... 6
 b. Social Science (completed by Major Requirements) ............................... 6
 c. Humanities ................................................................................................. 6
III. Laboratory or Field Work .......................................................... 1
IV. Electives ................................................................................................ 6

College Requirement hours: ..................................................... 19-33

Major Requirements

Major Core Requirements
GEO 130 Earth’s Physical Environment ................................................. 3
GEO 172 Human Geography ..................................................................... 3
GEO 326 Geography of Europe .................................................................. 3
GEO 406 Field Studies in Geography (Subtitle required) ........................ 3
GEO 309 Introduction to GIS ....................................................................... 3
GEO 499 Senior Research Seminar ............................................................. 3

Major Core hours: .................................................................................. 18

Methods Requirements

Choose one methods course from the following options:
GEO 305 Elements of Cartography .............................................................. 3
GEO 310 Quantitative Techniques in Geography ......................................... 3
GEO 311 Qualitative Methods in Geography ................................................ 3
GEO 409 Advanced GIS ............................................................................... 3

Methods hours: ........................................................................................ 3

Other Course Work Required for the Major

Geography Tracks ......................................................................................... 18
Choose at least 18 hours of additional geography courses to include: no more than 3 hours of 100-level courses; no more than 6 hours of GEO 560 and GEO 599; a minimum of 3 hours of 400-level courses (not including GEO 409, 406, or 499). The following focus areas represent specializations within Geography and are provided as guidelines. Most students will find it useful to concentrate their 18 hours within these focus areas, but this is not a requirement. On completion of 15 hours within any focus area, the Geography Department will award a certificate of completion of studies in the area of specialization. Consult with your advisor in making selections of courses.

GEOGRAPHY TRACKS

Environmental Geography Option
Suggested Courses:
GEO 135 Global Climate Change ................................................................. 3
GEO 162 Introduction to Global Environmental Issues ........................... 3
GEO 231 Environment and Development ..................................................... 3
GEO 235 Environmental Management and Policy ..................................... 3
GEO 261 Global Dynamics of Health and Disease .................................... 3
GEO 321 Land, People, and Development in Appalachia ........................... 3
GEO 331 Global Environmental Change .................................................... 3
GEO 334 Environment, Society and Economy of Japan .............................. 3
GEO 431 Political Ecology ........................................................................... 3
GEO 530 Biogeography and Conservation .................................................. 3
GEO 531 Landscape Ecology ...................................................................... 3

Physical Geography Option
Suggested Courses:
GEO 135 Global Climate Change ................................................................. 3
GEO 130 Earth’s Physical Environment ...................................................... 3
GEO 230 Weather and Climate ................................................................. 3
GEO 235 Environmental Management and Policy ..................................... 3
GEO 351 Physical Landscapes ..................................................................... 3

Urban Geography and Planning Option
Suggested Courses:
GEO 220 U.S. Cities ..................................................................................... 3
GEO 285 Introduction to Planning ................................................................. 3
GEO 485G Urban Planning and Sustainability ............................................ 3
GEO 235 Environmental Management and Policy ..................................... 3
GEO 309 Introduction to GIS ....................................................................... 3
GEO 310 Quantitative Techniques in Geography ......................................... 3
GEO 415 Map Interpretation ........................................................................ 3
GEO 422 Urban Geography ......................................................................... 3
GEO 455 Globalization and the Changing World Economy ...................... 3
GEO 490G American Landscapes ................................................................. 3
GEO 544 Human Population Dynamics ..................................................... 3
GEO 545 Transportation Geography ........................................................... 3

GIS Focus
Suggested Courses:
GEO 109 Digital Mapping ........................................................................... 3
GEO 164 iWorlds: Global Information Geographies ................................ 3
GEO 309 Introduction to GIS ................................................................. 3
GEO 409 Advanced GIS ............................................................................... 3
GEO 509 Workshop in Geospatial Technologies ......................................... 3
GEO 419 Introduction to Remote Sensing .................................................... 3
GEO 305 Elements of Cartography .............................................................. 3
GEO 506 Introduction to Computer Cartography ......................................... 3
GEO 505 Practicum in Cartography ............................................................. 3
GEO 310 Quantitative Techniques in Geography ......................................... 3
GEO 415 Map Interpretation ........................................................................ 3
GEO 365 Special Topics in Geography (Subtitle required) ......................... 3

Human Geography Option
Suggested Courses:
GEO 161 Global Inequalities ....................................................................... 3
GEO 240 Geography and Gender ................................................................. 3
GEO 260 Geographies of Development in the Global South ..................... 3
GEO 422 Urban Geography ......................................................................... 3
GEO 442G Political Geography ................................................................. 3
GEO 455 Globalization and the Changing World Economy ...................... 3
GEO 475G Medical Geography ................................................................. 3
GEO 490G American Landscapes ................................................................. 3
GEO 544 Human Population Dynamics ..................................................... 3
GEO 545 Transportation Geography ........................................................... 3
GEO 546 Tourism and Recreation Geography ............................................. 3

International Studies Option
Suggested Courses:
GEO 163 Global Conflicts ........................................................................... 3
GEO 221 Immigrant America: A Geographic Perspective ........................... 3
GEO 222 Cities of the World ................................................................. 3
GEO 255 Geography of the Global Economy ............................................. 3
GEO 326 Geography of Europe ................................................................. 3
GEO 328 Geography of the Middle East and North Africa ........................ 3
GEO 329 Geography of the Former Soviet Union ...................................... 3
GEO 331 Global Environmental Change .................................................... 3
GEO 334 Environment, Society and Economy of Japan .............................. 3
GEO 546 Tourism and Recreation Geography ............................................. 3

Design Your Own Geography Major Option
Any Geography courses fulfilling the requirements for the major.

Major hours: ............................................................................................... 39

Electives
Choose electives to lead to the minimum total of 120 hours required for graduation ................................................. 4

Total Minimum Hours
Required for Degree ........................................................................... 120

Bachelor of Science with a major in GEOGRAPHY

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with a GEO prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements
See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ..................................................... 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ..................................................... 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ..................................................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ..................................................... 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ................................ 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II ................................ 3

VII. Quantitative Foundations
Choose one course from approved list ..................................................... 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list ..................................................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ..................................................... 3

X. Global Dynamics
Choose one course from approved list ..................................................... 3

UK Core hours: ......................................................................................... 30

Graduation Composition and Communication Requirement (GCCR)
GEO 499 Senior Research Seminar ............................................................ 3

Graduation Composition and Communication Requirement hours (GCCR) ......................................................... 3
College of Arts and Sciences

College Requirements

I. Foreign Language (placement exam recommended) ........................................ 0-14
II. Disciplinary Requirements
   a. Natural Science .................................................................................. 3
   b. Social Science (completed by Major Requirement) ......................... 3
   c. Humanities ......................................................................................... 3
III. Laboratory or Field Work ...................................................................... 1
IV. Electives ................................................................................................ 6

College Requirement hours: ................................................................. 13-27

Major Requirements

Major Core Requirements
GEO 130 Earth’s Physical Environment ........................................ 3
GEO 172 Human Geography ................................................................. 3
GEO 200 Orientation to Geography .................................................. 3
GEO 406 Field Studies in Geography (Subtitle required) ....................... 3
GEO 309 Introduction to GIS ................................................................. 3
GEO 499 Senior Research Seminar ..................................................... 3

Major Core hours: ............................................................................... 18

Methods Requirements
Choose one methods course from the following options:
GEO 305 Elements of Cartography ..................................................... 3
GEO 310 Quantitative Techniques in Geography .................................. 3
GEO 311 Qualitative Methods in Geography ...................................... 3
GEO 409 Advanced GIS ......................................................................... 3

Methods hours: .................................................................................... 3

Other Course Work Required for the Major

GEOGRAPHY TRACKS

Environmental Geography Option
Suggested Courses:
GEO 135 Global Climate Change ....................................................... 3
GEO 162 Introduction to Global Environmental Issues ....................... 3
GEO 231 Environment and Development ........................................... 3
GEO 235 Environmental Management and Policy ......................... 3
GEO 261 Global Dynamics of Health and Disease ............................. 3
GEO 321 Land, People, and Development in Appalachia .................... 3
GEO 331 Global Environmental Change ............................................ 3
GEO 334 Environment, Society and Economy of Japan ...................... 3
GEO 431 Political Ecology ..................................................................... 3
GEO 530 Biogeography and Conservation ........................................ 3
GEO 531 Landscape Ecology ............................................................... 3

Physical Geography Option
Suggested Courses:
GEO 135 Global Climate Change ....................................................... 3
GEO 130 Earth’s Physical Environment ............................................. 3
GEO 230 Weather and Climate ......................................................... 3
GEO 235 Environmental Management and Policy ......................... 3
GEO 351 Physical Landscapes ............................................................. 3

Urban Geography and Planning Option
Suggested Courses:
GEO 220 U.S. Cities .............................................................................. 3
GEO 285 Introduction to Planning .................................................... 3
GEO 485G Urban Planning and Sustainability .................................... 3
GEO 235 Environmental Management and Policy ......................... 3
GEO 309 Introduction to GIS ............................................................... 3
GEO 310 Quantitative Techniques in Geography ................................ 3
GEO 415 Map Interpretation ............................................................... 3
GEO 422 Urban Geography ................................................................. 3
GEO 455 Globalization and the Changing World Economy ............. 3
GEO 490G American Landscapes ...................................................... 3
GEO 544 Human Population Dynamics ........................................... 3
GEO 545 Transportation Geography ................................................ 3

GIS Focus
Suggested Courses:
GEO 109 Digital Mapping ................................................................. 3
GEO 164 iWorlds: Global Information Geographies ......................... 3
GEO 309 Introduction to GIS ............................................................. 3
GEO 409 Advanced GIS ...................................................................... 3
GEO 509 Workshop in Geospatial Technologies ................................. 3
GEO 419 Introduction to Remote Sensing ......................................... 3
GEO 305 Elements of Cartography ..................................................... 3
GEO 506 Introduction to Computer Cartography ................................. 3
GEO 505 Practicum in Cartography .................................................... 3
GEO 310 Quantitative Techniques in Geography ............................... 3
GEO 415 Map Interpretation ............................................................... 3
GEO 365 Special Topics in Geography (Subtitle required) .................. 3

Human Geography Option
Suggested Courses:
GEO 161 Global Inequalities ............................................................. 3
GEO 240 Geography and Gender ..................................................... 3
GEO 260 Geographies of Development in the Global South .............. 3
GEO 422 Urban Geography ............................................................... 3
GEO 442G Political Geography ......................................................... 3
GEO 455 Globalization and the Changing World Economy ............. 3
GEO 475G Medical Geography ......................................................... 3
GEO 490G American Landscapes ..................................................... 3
GEO 544 Human Population Dynamics ........................................... 3
GEO 545 Transportation Geography ................................................ 3
GEO 546 Tourism and Recreation Geography .................................... 3

International Studies Option
Suggested Courses:
GEO 163 Global Conflicts .................................................................. 3
GEO 221 Immigrant America: A Geographic Perspective .................. 3
GEO 222 Cities of the World ............................................................... 3
GEO 255 Geography of the Global Economy .................................... 3
GEO 326 Geography of Europe ......................................................... 3
GEO 328 Geography of the Middle East and North Africa ............... 3
GEO 329 Geography of the Former Soviet Union ............................. 3
GEO 331 Global Environmental Change ......................................... 3
GEO 334 Environment, Society and Economy of Japan .................... 3
GEO 546 Tourism and Recreation Geography .................................... 3

Design Your Own Geography Major Option
Any Geography courses fulfilling the requirements for the major.

Major hours: ................................................................. 39

Electives
Choose electives to lead to the minimum total of 120 hours required for graduation ........................................... 4

Total Minimum Hours
Required for Degree ................................................................. 120

Minor in Geography

The minor in Geography requires a minimum of 21 hours taken within the department as follows:
1. GEO 130 Earth’s Physical Environment ............................................ 3
2. GEO 172 Human Geography ........................................................... 3
3. GEO 152 Regional Geography of the World or GEO 160 Lands and Peoples of the Non-Western World ............... 3

Minor in Mapping and GIS

The minor in Mapping and GIS requires 18 hours as follows:

Introduction to Digital Mapping (3 hours)
GEO 109 Digital Mapping .................................................................. 3
GEO 164 iWorlds: Global Information Geographies ......................... 3

GIS Theories and Methods (6 hours)
GEO 309 Introduction to GIS ............................................................. 3
GEO 409 Advanced GIS ...................................................................... 3

GIS Design and Application (9 hours)
Choose three of the following:
GEO 305 Elements of Cartography ..................................................... 3
GEO 399 Internship in Geography ..................................................... 3
GEO 415 Map Interpretation ............................................................... 3
GEO 419 Introduction to Remote Sensing ......................................... 3
GEO 505 Practicum in Cartography .................................................... 3
GEO 506 Introduction to Computer Cartography ................................. 3
GEO 509 Workshop in Geospatial Technologies ................................. 3
GEO 560 Independent Work in Geography ......................................... 3
GEO 565 Topics in Geography ........................................................... 3

B.A. or B.S. with a major in GERMAN

The requirements for the B.A. and B.S. with a major in German are listed in this A&S section under Modern and Classical Languages, Literatures and Cultures.
HEALTH, SOCIETY, AND POPULATIONS

Final approval expected summer 2014

The undergraduate program in Health, Society, and Populations (HSP) focuses on understanding health outcomes and their unequal distribution as a product of multiple interacting influences, including health care, behaviors, environmental conditions, genetic and biological factors, and social and cultural characteristics of groups and individuals. The B.A. in HSP provides graduates with a broad liberal-arts education in addition to a concentration on social science based approaches to population health. Students may further specialize in three areas: Global Health, Health Ecologies, and Social Inequalities in Health and Illness. HSP students will obtain fundamental knowledge of the complex relationship that exists among the global economy, societal problems and needs, and the distribution of health and illness, in addition to providing students the opportunity to develop critical thinking, communication, and independent study skills necessary for many entry-level career opportunities in city, state and federal government, nonprofit organizations and in the public and private health sectors.

Bachelor of Arts with a major in HEALTH, SOCIETY, AND POPULATIONS

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list .............. 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list .............. 3

III. Intellectual Inquiry in the Social Sciences Recommended:

PSY 100 Introduction to Psychology .................. 4

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list .............. 3

V. Composition and Communication I

CIS/WRD 110 Composition and Communication I ....... 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II ....... 3

VII. Quantitative Foundations

Recommended – one of the following:

MA 111 Introduction to Contemporary Mathematics .. 3
MA 113 Calculus I .............................................. 4
MA 123 Elementary Calculus and Its Applications .... 4
MA 137 Calculus I with Life Science Applications .... 4

VIII. Statistical Inferential Reasoning

Choose one course from approved list .............. 3

IX. Community, Culture and Citizenship in the USA

Choose one course from approved list .............. 3

X. Global Dynamics

Choose one course from approved list .............. 3

UK Core hours: ........................................ 30-32

Graduation Composition and Communication Requirement (GCCR)

After attaining sophomore status, students must complete the Graduation Composition and Communication Requirement. Please see your academic advisor for courses that meet this requirement.

College Requirements

I. Foreign Language

(placement test recommended) ...................... 6-14

II. Disciplinary Requirements

a. Natural Science

(should be satisfied by major requirements) .... 0-6

b. Social Science

(should be satisfied by major requirements) .... 0-6
c. Humanities

6

III. Laboratory or Field Work

(PHY 100 recommended) ......................... 1-3

IV. Electives

6

College Requirement hours: .......................... 19-29

Major Requirements

Hours

Major courses that also fulfill the A&S College requirements are marked with “‡”; major courses that also fulfill UK Core areas are marked with “§”. Twenty four credit hours within the major must be at the 300+ level.

Statistics

Choose one of the following (3 hours):

STA 296 Statistical Methods and Motivations ........... 3
*SOC 303 Quantitative Social Analysis .................. 3
*GEO 309 Introduction to GIS ............................. 3

Math

Choose one of the following (3-4 hours):

MA 109 College Algebra ...................................... 3
†MA 111 Introduction to Contemporary Mathematics .... 4
†MA 113 Calculus I .............................................. 4
†MA 123 Elementary Calculus and Its Applications .... 4
†MA 137 Calculus I with Life Science Applications .... 4
MA 111, 113, 123, 137 recommended.

Writing

(3 hours)

WRD 205 Writing and Rhetoric (Subtitle required) see HSP advisor for appropriate subtitles .............. 3

Science

Choose one BIO course and one from any of the remaining science electives (6 hours):

ANA 109 Anatomy and Physiology for Nursing I ...... 4
ANA 110 Anatomy and Physiology for Nursing II ...... 4
*ANA 209 Principles of Human Anatomy .............. 3

*‡BIO 102 Human Ecology .................................... 3
*‡BIO 103 Basic Ideas of Biology ......................... 3
*‡BIO 148 Introductory Biology I ......................... 3
*‡BIO 208 Principles of Microbiology ................. 3
*‡CHE 104 Introductory General Chemistry ........... 3
*‡CHE 108 Introduction to Inorganic, Organic, and Biochemistry without Laboratory .................. 3
*‡PGY 206 Elementary Physiology ..................... 3

Social Science Approaches to Health

(9 hours):

Required

SOC/HSP 255 Medicine, Health, and Society ........... 3
plus two of the following:

*‡ANT 225 Culture, Environment and Global Issues .... 3
*‡ANT 251 Global Health: Culture, Pathologies and Social Inequalities .................. 3
*‡ANT 303 Topics in Anthropology of Food and Nutrition (Subtitle required) .................. 3
*‡ANT 333 Contemporary Human Variation .............. 3
*‡GEO 261 Global Dynamics of Health and Disease .... 3
*‡GEO 544 Human Population Dynamics .............. 3
*‡GHN 250 Aging in Today’s World ..................... 3
*‡GRN 358 Aging and Environment ..................... 3
*‡GWS 300 Topics in Gender and Women’s Studies (Subtitle required) .................. 3
*‡HIS 584 Health and Disease in the U.S. .............. 3
*‡PHI 305 Health Care Ethics .................................. 3
*‡SOC 235 Inequalities in Society ......................... 3
*‡SOC 340 Community Interaction ....................... 3
*‡SOC 360 Environmental Sociology .................... 3
*‡SOC 439 Topics in Crime, Law and Deviance (Subtitle required) .................. 3

*Course is approved only when the subtitle is “Gender, Race and Science.”

Health Professions

Choose two from the following (6 hours)

CCH 201 Introduction to Public Health .................. 3
CCH 202 Public Health Through Popular Film ........... 3
CCH 203 Sexual Health ........................................ 3
CCH 310 Disease Detectives:

Epidemiology in Action ........................................ 3
CCH 320 Fundamentals of Environmental Health ........ 3
CCH 440 Foundations of Health Behavior .............. 3
CCH 450 Managing Health Organizations to Improve Population Health .................. 3
CCH 451G A Sick World: Global Public Health in the Early 21st Century .................. 3
CCH 472 Public Health Professions and Practice ........ 3
HSM 241 Health and Medical Care Delivery Systems ........................................ 3
KHP 230 Human Health and Wellness .................... 3
KHP 270 Introduction to Health Education and Health Promotion ............................. 3
KHP 590 Advanced Health Concepts ..................... 3

College of Arts and Sciences

University of Kentucky 2014-2015 Undergraduate Bulletin 149
HISPANIC STUDIES

The Department of Hispanic Studies aims to develop students’ Spanish language skills, to deepen their understanding of Spanish-speaking cultures and literatures domestically and abroad, to sharpen their critical thinking, and to heighten their awareness of their role as local and global citizens in a pluralistic society. The department offers a major with three specialty options and a minor in Spanish.

Bachelor of Arts with a major in SPANISH

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list .................................. 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list .................................. 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list .................................. 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list .................................. 3

X. Global Dynamics
Choose one course from approved list ...................... 3

UK Core hours: ......................................................... 30

Graduation Composition and Communication Requirement (GCCR)

SPA 323 Introduction to Spanish Translation .................. 3

Graduation Composition and Communication Requirement hours (GCCR) ............... 3

College Requirements

I. Foreign Language (completed by Premajor Requirement)

a. Natural Science .................................................. 6
b. Social/Science .................................................. 6
c. Humanities (completed by Major Requirements)

III. Laboratory or Field Work .................................. 1

IV. Electives ....................................................... 6

College Requirement hours: ........................................ 19

*Premajor Requirements

SPA 210 Spanish Grammar and Syntax

and

SPA 211 Intermediate Spanish Conversation ............... 6

or

SPA 215 Written Spanish for Bilingual Students ........... 3

Premajor hours: .................................................. 3-6

*The premajor requirements may be fulfilled by AP exam – credit bearing – or departmental placement exam – non-credit bearing.

Major Requirements

Major Core Requirement

SPA 310 Spanish Composition

Through Textual Analysis ........................................ 3

Major Core hours: .................................................. 3

Other Course Work Required for the Major

From the Major Department:

Choose 10 300+ level Spanish courses to include at least 4 courses at the 400+ level from any of the 3 available options and that fulfill the requirements for one of the three options listed below .................................................. 30

From Outside the Major Department

Choose 3 courses outside Spanish (SPA) with any of the following prefixes at the 200+ level that complement the major. Courses used to satisfy College requirements may also count here. Courses with prefixes not listed below must be approved by the Director of Undergraduate Studies ........ 9

A-E – Art Education
A-H – Art History
A-S – Art Studio
AAD – Arts Administration
AAS – African American Studies
AIS – Arabic and Islamic Studies
ANT – Anthropology
APP – Appalachian Studies
ART – Art
BSC – Behavioral Science
CGS – Cognitive Science
CHI – Chinese Culture and Language
CIS – Communications and Information Studies
CLA – Classics
CLD – Community and Leadership Development
CLM – Clinical Leadership and Management
COM – Communication
CSD – Communication Sciences and Disorders
EAP – Education Abroad Program
EDC – Curriculum and Instruction
EDL – School Administration
EDP – Educational and Counseling Psychology

EDS – Special Education
EDU – Education
ELS – Teacher Leadership
ENG – English
EPE – Educational Policy Studies and Evaluation
FA – Fine Arts
FR – French Language and Literature
GEO – Geography
GER – German Studies
GWS – Gender and Women’s Studies
HIS – History
HJS – Hebrew and Jewish Studies
HMN – Humanities
HP – Historic Preservation
IAS – Interdisciplinary American Studies
IEC – Interdisciplinary Early Childhood Education
INT – International Studies
IS – Information Studies
ISC – Integrated Strategic Communication
ISP – International Studies Program
ITA – Italian
IAT – Journalism, Advertising, Telecommunications
JOU – Journalism
JPN – Japan Studies
LAS – Latin American Studies
LIN – Linguistics
LIS – Library and Information Science
MAS – Media Arts and Studies
MCL – Modern and Classical Languages
MUC – Class Instruction in Music
MUP – Music Performance
MUS – Music
PA – Public Administration
PS – Political Science
PSY – Psychology
RS – Religious Studies
RUS – Russian
SOC – Sociology
ST – Social Theory
SW – Social Work
TA – Theatre
TSL – Teaching English as a Second Language
WRD – Writing, Rhetoric and Digital Media

Total Major hours: .................................................. 42

OPTIONS

Option A – Spanish Language and Linguistics

Required Course

SPA 310 Spanish Composition

Through Textual Analysis ........................................ 3

Specialty Option Courses

Choose 18 credit hours from Language and Linguistics courses:

*SPA 300 Contact Zones: Cultivating Intercultural Competence ....................... 3

SPA 302 Spanish for Business Professionals ........................................ 3

SPA 313 Advanced Spanish Language ........................................ 3

SPA 323 Introduction to Spanish Translation ........................................ 3

SPA 332 Spanish and Latin American Business Environments ....................... 3

SPA 397 Independent Work in Spanish ........................................ 3

SPA 399 Field Based/Community Based Education ................................. 1-15

*SPA 400 Special Topics in Hispanic Literatures and Languages (Subtitle required) ........................................ 3

SPA 410 Advanced Spanish Grammar ........................................ 3

SPA 413 Spanish Phonetics ........................................ 3

SPA 420 Spanish in the World ........................................ 3

SPA 423 Advanced Spanish Translation ........................................ 3

SPA 430 Introduction to Spanish Linguistics ........................................ 3

7000
**SPA 480 Hispanic Kentuckyy........................................... 3
**SPA 497 Hispanic Studies Honors Thesis ......................... 3
SPA 519 Themes in Medieval and Early Modern
Spanish Literature and Culture (Subtitle required) .............. 3
SPA 529 Themes in Medieval and Contemporary Spanish
Literature, Culture and Film (Subtitle required) .................... 3
SPA 539 Themes in Latin American Literature, Culture and Film (Subtitle required) .................... 3

Additional Courses
Choose 6 credit hours from either list .................................. 6

Total SPA hours: .......................................................... 30

Option B – Spanish Literature and Culture

Required Course
SPA 310 Spanish Composition
Through Textual Analysis ............................................... 3

Specialty Option Courses
Choose 18 credit hours from Literature and Culture courses:
**SPA 300 Contact Zones: Cultivating Intercultural Competence .... 3
SPA 312 Civilization of Spain .............................................. 3
SPA 314 Civilization of Spanish America .............................. 3
SPA 315 Introduction to Hispanic Literature ......................... 3
SPA 320 Literature, Life and Thought of Spain ...................... 3
SPA 322 Literature, Life and Thought of Spanish America ........ 3

*These courses must have a focus on language or linguistics.

Total SPA hours: .......................................................... 30

Option C – Spanish (General)

Required Course
SPA 310 Spanish Composition
Through Textual Analysis ............................................... 3

Specialty Option Courses
Choose 9 credit hours from Language and Linguistics courses:

*SPA 300 Contact Zones: Cultivating Intercultural Competence .... 3
SPA 302 Spanish for Business Professionals .......................... 3
SPA 313 Advanced Spanish Language .................................... 3
SPA 323 Introduction to Spanish Translation .......................... 3
SPA 332 Spanish and Latin American Business Environments .... 3
SPA 397 Independent Work in Spanish .................................. 3

*These courses must have a focus on language or linguistics.

Total SPA hours: .......................................................... 30
Minor in Spanish

The minor in Spanish requires a total of 21 hours based on the following distribution:

**Prerequisites**
SPA 210 Spanish Grammar and Syntax .............................................................. 3
SPA 211 Intermediate Spanish Conversation ............................................................ 3

**Required Core Course**
SPA 310 Spanish Composition
Through Textual Analysis ......................................................................................... 3

**plus 12 credit hours at the 300-level or above. At least 3 credit hours must be from the Language and Linguistics courses listed below, at least 5 credit hours must be from the Literature and Culture courses listed below:**

**Language and Linguistics Courses**
SPA 300 Contact Zones:
- Cultivating Intercultural Competence .................................................................. 3
SPA 302 Spanish for Business Professionals .............................................................. 3
SPA 313 Advanced Spanish Language ....................................................................... 3
SPA 323 Introduction to Spanish Translation ............................................................. 3
SPA 397 Independent Work in Spanish ...................................................................... 3
SPA 399 Field Based/Community Based Education .................................................. 3
SPA 400 Special Topics in Hispanic Literatures and Languages (Subtitle required) ........ 3
SPA 410 Advanced Spanish Grammar ...................................................................... 3
SPA 413 Spanish Phonetics ....................................................................................... 3
SPA 420 Spanish in the World .................................................................................. 3
SPA 423 Advanced Spanish Translation .................................................................. 3
SPA 430 Introduction to Spanish Linguistics ............................................................. 3
SPA 480 Hispanic Kentucky .................................................................................... 3
SPA 497 Hispanic Studies Honors Thesis ................................................................. 3
SPA 519 Themes in Medieval and Early Modern Spanish Literature and Culture (Subtitle required) .......................................................... 3
SPA 529 Themes in Modern and Contemporary Spanish Literature, Culture and Film (Subtitle required) .................................................. 3
SPA 539 Themes in Latin American Literature, Culture and Film (Subtitle required) .......................................................... 3

**Literature and Culture Courses**
SPA 300 Contact Zones:
- Cultivating Intercultural Competence .................................................................. 3
SPA 312 Civilization of Spain .................................................................................... 3
SPA 314 Civilization of Spanish America ................................................................. 3
SPA 315 Introduction to Hispanic Literature ............................................................. 3
SPA 320 Literature, Life and Thought of Spain ......................................................... 3
SPA 322 Literature, Life and Thought of Spanish America ......................................... 3
SPA 324 The Theatre in Spain and Spanish America ....... ......................................... 3
SPA 361 Latin American Literature in Translation (Subtitle required) ......................... 3
SPA 371 Latin American Cinema (Subtitle required) .................................................. 3
SPA 372 Spanish Cinema (Subtitle required) ............................................................. 3
SPA 397 Independent Work in Spanish ...................................................................... 3
SPA 399 Field Based/Community Based Education .................................................. 3
SPA 400 Special Topics in Hispanic Literatures and Languages (Subtitle required) ........ 3
SPA 424 Medieval and Early Modern Spanish Studies (Subtitle required) ................ 3
SPA 432 18th and 19th Century Spanish Studies (Subtitle required) ......................... 3
SPA 434 Spanish Literature of the 20th Century ....................................................... 3
SPA 438G Literature of Social Protest in Spanish America ......................................... 3
SPA 444 20th and 21st Century Spanish Studies (Subtitle required) ............................ 3
SPA 454 Colonialism and 19th Century Spanish-American Studies (Subtitle required) .... 3
SPA 464 Contemporary Spanish-American Studies (Subtitle required) ................. 3
SPA 474 Topics in Hispanic Studies (Subtitle required) ............................................. 3
SPA 480 Hispanic Kentucky .................................................................................... 3
SPA 497 Hispanic Studies Honors Thesis ................................................................. 3
SPA 519 Themes in Medieval and Early Modern Spanish Literature and Culture (Subtitle required) .......................................................... 3
SPA 529 Themes in Modern and Contemporary Spanish Literature, Culture and Film (Subtitle required) .................................................. 3
SPA 539 Themes in Latin American Literature, Culture and Film (Subtitle required) .... 3

**HISTORY**

The Department of History’s program seeks to expand understanding of human experience and enable students to learn about their world in light of its past. The department offers a wide range of courses. These courses, an essential part of a liberal arts education, are also designed to train students to be teachers of history and professional historians. Faculty and students in the department participate in many of the University’s interdisciplinary programs such as African American studies, women’s studies, Latin American studies, and Asian studies.

**Bachelor of Arts with a major in HISTORY**

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

**UK Core Requirements**

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

**I. Intellectual Inquiry in Arts and Creativity**
Choose one course from approved list .................................................................... 3

**II. Intellectual Inquiry in the Humanities**
Choose one course from approved list .................................................................... 3

**III. Intellectual Inquiry in the Social Sciences**
Choose one course from approved list .................................................................... 3

**IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences**
Choose one course from approved list .................................................................... 3

**V. Composition and Communication I**
CIS/WRD 110 Composition and Communication I .................................................. 3

**VI. Composition and Communication II**
CIS/WRD 111 Composition and Communication II ................................................. 3

**VII. Quantitative Foundations**
Choose one course from approved list .................................................................... 3

**VIII. Statistical Inferential Reasoning**
Choose one course from approved list .................................................................... 3

**IX. Community, Culture and Citizenship in the USA**
Choose one course from approved list .................................................................... 3

**X. Global Dynamics**
Choose one course from approved list .................................................................... 3

**UK Core hours:** .................................................................................................... 30

**Graduation Composition and Communication Requirement (GCCR)**
HIS 499 Senior Seminar for History Majors (Subtitle required) .................................... 3

**Graduation Composition and Communication Requirement hours (GCCR)** ........................................ 3

**College Requirements**

I. Foreign Language (placement exam recommended) ............................................... 0-14
II. Disciplinary Requirements
   a. Natural Science ................................................................................................. 6
   b. Social Science .................................................................................................... 6
   c. Humanities (completed by Major Requirements) .............................................. 1
   d. Electives ................................................................................................................ 6

**College Requirement hours:** ............................................................................... 19-33

**P remajor Requirements**

HIS 104 A History of Europe through the Mid-Seventeenth Century and
*HIS 105 A History of Europe from the Mid-Seventeenth Century to the Present
OR
HIS 106 Western Culture: Science and Technology I
and
HIS 107 Western Culture: Science and Technology II
OR
*HIS 108 History of the United States Through 1876
and
*HIS 109 History of the United States Since 1877 .................................................. 6

**Premajor hours:** ................................................................................................. 6

**Major Requirements**

**Major Core Requirements**
HIS 301 History Workshop: Introduction to the Study of History ................................. 3
plus either 1 or 2 below:
1. HIS 499 Senior Seminar for History Majors ..................................................... 3
2. HIS 470 Honors Seminar in Historical Methods ................................................. 3
   HIS 471 Honors Seminar in Historical Research .................................................. 3

**Major Core hours:** ........................................................................................... 6-9

**Other Course Work Required for the Major**

From the Major Department:
Choose 24 hours to include at least six hours in pre-1789 work; at least six hours in post-1789 work; at least three hours in American history; at least three hours of European history; at least three hours in the history of Africa, Asia, Latin America, or the Middle East. At least 15 of these hours must be at the 300+ level ......................................................................................... 24

From Outside the Major Department
Choose 15 hours outside History at the 300+ level, or 200+ level courses used to satisfy College requirements can also be counted here. Foreign language instruction courses may not be used to fulfill the related field requirement. Literature, civilization, and culture classes do count toward fulfilling this requirement ........................................................................................................... 15

**Other Major hours:** ......................................................................................... 39

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University of Kentucky
2014-2015 Undergraduate Bulletin
**Electives**

Choose electives to lead to the minimum total of 120 hours required for graduation ................................................. 4

**Total Minimum Hours Required for Degree** ........................................ 120

*Course used towards completion of a UK Core Requirement.

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**Bachelor of Science with a major in HISTORY**

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with an HIS prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

**UK Core Requirements**

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Intellectual Inquiry in Arts and Creativity</td>
<td>3</td>
</tr>
<tr>
<td>Choose one course from approved list</td>
<td></td>
</tr>
<tr>
<td>II. Intellectual Inquiry in the Humanities</td>
<td>3</td>
</tr>
<tr>
<td>Choose one course from approved list</td>
<td></td>
</tr>
<tr>
<td>III. Intellectual Inquiry in the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>Choose one course from approved list</td>
<td></td>
</tr>
<tr>
<td>IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences</td>
<td>3</td>
</tr>
<tr>
<td>Choose one course from approved list</td>
<td></td>
</tr>
<tr>
<td>V. Composition and Communication I</td>
<td>3</td>
</tr>
<tr>
<td>CIS/WRD 110 Composition and Communication I</td>
<td></td>
</tr>
<tr>
<td>VI. Composition and Communication II</td>
<td>3</td>
</tr>
<tr>
<td>CIS/WRD 111 Composition and Communication II</td>
<td></td>
</tr>
<tr>
<td>VII. Quantitative Foundations</td>
<td>3</td>
</tr>
<tr>
<td>Choose one course from approved list</td>
<td></td>
</tr>
<tr>
<td>VIII. Statistical Inferential Reasoning</td>
<td>3</td>
</tr>
<tr>
<td>Choose one course from approved list</td>
<td></td>
</tr>
<tr>
<td>IX. Community, Culture and Citizenship in the USA</td>
<td>3</td>
</tr>
<tr>
<td>Choose one course from approved list</td>
<td></td>
</tr>
<tr>
<td>X. Global Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>Choose one course from approved list</td>
<td></td>
</tr>
<tr>
<td><strong>UK Core hours:</strong></td>
<td>30</td>
</tr>
<tr>
<td><strong>Graduation Composition and Communication Requirement (GCCR)</strong></td>
<td></td>
</tr>
<tr>
<td>HIS 499 Senior Seminar for History Majors</td>
<td>3</td>
</tr>
<tr>
<td><strong>Graduation Composition and Communication Requirement hours (GCCR)</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>College Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>I. Foreign Language (placement exam recommended)</td>
<td>0-14</td>
</tr>
<tr>
<td>II. Disciplinary Requirements</td>
<td></td>
</tr>
</tbody>
</table>

**Major Core Requirements**

HIS 301 History Workshop: Introduction to the Study of History ................................................. 3

plus either 1 or 2 below:

1. HIS 499 Senior Seminar for History Majors ........................................ 3
2. HIS 470 Honors Seminar in Historical Methods ........................................ 3
3. HIS 471 Honors Seminar in Historical Research ........................................ 3

**Major Core hours:** ........................................ 6-9

**Other Course Work Required for the Major**

From the Major Department:

Choose 24 hours to include at least six hours in pre-1789 work; at least six hours in post-1789 work; at least three hours in American history; at least three hours of European history; at least three hours in the history of Africa, Asia, Latin America, or the Middle East. At least 15 of these hours must be at the 300+ level ........................................ 24

From Outside the Major Department

Choose 15 hours outside History at the 300+ level, or 200+ level courses used to satisfy College requirements can also be counted here. Foreign language instruction courses may not be used to fulfill the related field requirement. Literature, civilization, and culture classes do count toward fulfilling this requirement ........................................ 15

**Other Major hours:** ........................................ 39

**Electives**

Choose electives to lead to the minimum total of 120 hours required for graduation ................................................. 7

**Total Minimum Hours Required for Degree** ........................................ 120

*Course used towards completion of a UK Core Requirement.

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**Minor in History**

A minor in History provides training in critical thinking and expression and a valuable perspective on the varieties of civilizations and modes of human behavior.

The minor in History requires a minimum of 18 hours of course work to include:

1. A six-hour sequential introduction to the history of a civilization or a nation. This may be selected from:
   - HIS 104/105 A History of Europe through the Mid-Seventeenth Century/A History of Europe from the Mid-Seventeenth Century to the Present
   - HIS 106/107 Western Culture: Science and Technology I/Western Culture: Science and Technology II
   - HIS 108/109 History of the United States Through 1876/History of the United States Since 1877
   - HIS 202/203 History of the British People to the Restoration/History of the British People Since the Restoration
   - HIS 229/230 The Ancient Near East and Greece to the Death of Alexander the Great/The Hellenistic World and Rome to the Death of Constantine
   - HIS 295/296 East Asia to 1800/ East Asia Since 1600
   - HIS 370/371 Early Middle Ages/Later Middle Ages
   - HIS 385/386 History of Russia to 1825/History of Russia Since 1825

2. Twelve hours of course work at or above the 300 level, at least six hours of which must be at or above the 400 level. No more than 12 of the 18 hours required may be in any one of the subfields of American history, European history, or history of the non-Western world.

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**INTERNATIONAL STUDIES**

International Studies is an interdisciplinary program that encourages students to explore global issues in disciplines such as anthropology, economics, history, political science, geography, foreign languages, English and the arts. Students will choose course work focused around a central theme and geographical region. Cultural knowledge will be developed further through expanded foreign language study. The program culminates in a capstone senior project. Study abroad is highly encouraged, although not required, for the International Studies major.

A degree in International Studies will prepare students for careers in business, government, non-government organizations, philanthropic agencies, or the arts. The major also prepares students for graduate study in the humanities, social sciences, international affairs, law, public health and communications.

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**Bachelor of Arts with a major in INTERNATIONAL STUDIES**

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. A complete description of College require-
UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ........................................... 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ........................................... 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ........................................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ........................................... 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I .......................... 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II ........................ 3

VII. Quantitative Foundations
Choose one course from approved list ........................................... 3

VIII. Statistical Inference Reasoning
Choose one course from approved list ........................................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ........................................... 3

X. Global Dynamics
Choose one course from approved list ........................................... 3

UK Core hours: ................................................................. 30

Graduation Composition and Communication Requirement (GCCR)
INT 495 Capstone Seminar for International Studies Majors (Subtitle required) ........................................... 3

Graduation Composition and Communication Requirement hours (GCCR) ........................................... 3

College Requirements

I. Foreign Language (placement exam recommended, completed by Major Requirements) ........................................... 0-14

II. Disciplinary Requirements
a. Natural Science ................................................................. 6
b. Social Science (can be completed with Major Requirements) ................................................................. 6
c. Humanities (can be completed with Major Requirements) ................................................................. 6

III. Laboratory or Field Work .................................................. 1

IV. Electives ........................................................................... 6

Subtotal: College Hours: ...................................................... 25-39

Distribution Requirements

1. Students may not apply to their IS major more than 15 credit hours that have already been applied to another major or minor program.

2. Students must apply to their IS major at least one course from four different departments and/or academic programs.

3. Students must complete at least 24 of the major’s total credit hours at the 300 level or above.

Major Requirements

Pathway Courses
Complete six credit hours from the following list. Courses must be from two departments:
ANT 160 Cultural Diversity in the Modern World ........................................... 3
ANT 225 Culture, Environment and Global Issues ........................................... 3
GEO 152 Regional Geography of the World ........................................... 3
GEO 160 Lands and Peoples of the Non-Western World ........................................... 3
GEO 161 Global Inequalities ........................................................................... 3
GEO 162 Introduction to Global Environmental Issues ........................................... 3
HIS 104 A History of Europe through the Middle-Seventeenth Century ........................................... 3
HIS 105 A History of Europe from the Mid-Seventeenth Century to the Present ........................................... 3
PS 210 Introduction to Comparative Politics ........................................... 3
PS 235 World Politics ........................................................................... 3

Language Competency
Complete the fourth semester in one language AND
Two semesters in a second language ....................... 6-8
OR
Two additional semesters in the same language ............... 6

Capstone Senior Project
Complete the following course:
INT 495 Capstone Seminar for International Studies Majors (Subtitle required) ........................................... 3

Thematic and Area Concentrations
Complete one of the following:
1. Fifteen credit hours in a thematic concentration and twelve credit hours with an area concentration ........................................... 27
2. Fifteen credit hours with an area concentration and twelve credit hours in a thematic concentration ........................................... 27

Thematic Concentrations
(12 - 15 credit hours in one theme and from at least two departments)

Culture and the Arts
The Culture and the Arts concentration focuses on forms of cultural expression and representation (performing arts, film, philosophy, literature, folklore and myth, visual arts) from global perspectives.
A-H 310 Asian Art and Culture (Subtitle required) ........................................... 3
A-H 323 Medieval (Subtitle required) ........................................... 3
A-H 334 Reframing Renaissance Art ........................................... 3
AIS 328 Islamic Civilization I ........................................................................... 3
AIS 330 Islamic Civilization II ........................................................................... 3
AIS 331 Classical Arabic Literature (in English) ........................................... 3

AIS 435 Topics in Islamic Studies (Subtitle required) ........................................... 3

CHI 320 Gender Politics in Chinese Literature ........................................... 3
CHI 321 Introduction to Contemporary Chinese Film ........................................... 3
CHI 330 Introduction to Chinese Culture, Pre-Modern to 1840 ........................................... 3
CHI 331 Introduction to Chinese Culture, 1840 to Present ........................................... 3
CHI 430 Popular Culture in Modern China ........................................... 3
CHI 511 Literary Chinese ........................................................................... 3
CLA 210 The Art of Greece and Rome ........................................... 3
CLA 229 The Ancient Near East and Greece to the Death of Alexander the Great ........................................... 3

CLA 230 The Hellenistic World and Rome to the Death of Constantine ........................................... 3
CLA 261 Literary Masterpieces of Greece and Rome ........................................... 3
CLA 301 Latin Literature I (Subtitle required) ........................................... 3
CLA 302 Latin Literature II (Subtitle required) ........................................... 3
CLA 331 Gender and Sexuality in Antiquity ........................................... 3
CLA 382 Greek and Roman Religion ........................................... 3
CLA 390 Backgrounds to and Early History of Christianity to 150 CE ........................................... 3
CLA 391 Christians in the Roman Empire ........................................... 3
CLA 480G Studies in Greek and Latin Literature (Subtitle required) ........................................... 3
CLA 524 The Latin Literature of the Republic (Subtitle required) ........................................... 3
CLA 525 The Latin Literature of the Empire (Subtitle required) ........................................... 3
CLA 528 Late Antique and Post-Imperial Latin Literature (Subtitle required) ........................................... 3
CLA 551 Greek Poetry and Drama (Subtitle required) ........................................... 3
ENG 241 Survey of British Literature I ........................................... 3
ENG 242 Survey of British Literature II ........................................... 3
ENG 274 Classics of Western Literature ........................................... 3
ENG 342 Shakespeare ........................................... 3
ENG 440G Studies in British Literature (Subtitle required) ........................................... 3
FR 214 France Today ........................................... 3
FR 215 Visual Cultures ........................................... 3
FR 225 French Film Noir ........................................... 3
FR 263 African and Caribbean Literature and Culture of French Expression in Translation (Subtitle required) ........................................... 3
FR 324 Studies in French Literature (Subtitle required) ........................................... 3
FR 325 French Cinema (Subtitle required) ........................................... 3
FR 504 Topics in French Literature and Culture (Subtitle required) ........................................... 3
GER 263 The German Cultural Tradition I ........................................... 3
GER 264 The German Cultural Tradition II ........................................... 3
GER 311 Introduction to German Literature: Themes (Subtitle required) ........................................... 3
GER 312 Introduction to German Literature: Popular Forms ........................................... 3
GER 317 History of German Culture ........................................... 3
GER 319 Contemporary German Literature and Culture ........................................... 3
GER 342 War, Peace, and Terror in Germany and Europe ........................................... 3
GER 361 German Cinema ........................................... 3
GER 363 Germanic Mythology ........................................... 3
GER 415G Major German Authors (Subtitle required) ........................................... 3
GER 416G Genres of German Literature ........................................... 3
GER 420G Special Studies in German Literary and Cultural History (Subtitle required) ........................................... 3
HIS 324 Jewish Thought and Culture I: From Ancient Israel to the Middle Ages ........................................... 3
HIS 325 Jewish Thought and Culture II: From the Expulsion from Spain to the Present ........................................... 3
HIS 350 Special Topics in International Studies (Subtitle required) ........................................... 3
INT 399 Internship in International Studies ........................................... 3
ITA 263 Studies in Italian Culture (Subtitle required) ........................................... 3
ITA 443G Survey of Italian Literature I ........................................... 3
JPN 320 Introduction to Japanese Culture, Pre-Modern to 1868 ........................................... 3
JPN 321 Introduction to Japanese Culture, Meiji (1868) to Present ........................................... 3
JPN 421G Contemporary Literary and Visual Arts of Japan ........................................... 3
MCL 270 Introduction to Folklore and Mythology ........................................... 3
College of Arts and Sciences

University of Kentucky

2014-2015 Undergraduate Bulletin

The subtitle for this course must directly relate to the Culture and the Arts Concentration. You must check with the IS director or advisor for verification prior to taking the course.

Comparative Politics and Societies

The Comparative Politics and Societies concentration focuses on how states and institutions interact in a global environment. It studies international struggles for political, social, and economic equality and international efforts to guarantee human rights.

AIS 338 Women and Islam .................................. 3
AIS 340 Fundamentalism and Reform in Islam ......... 3
*AIS 435 Topics in Islamic Studies
(Subtitle required) ........................................... 3
AIS 440 Introduction to the Quran ................. 3
ANT 241 Origins of Old World Civilization ........ 3
ANT 242 Origins of New World Civilization ....... 3
ANT 245 Food Culture and Society ................. 3
ANT 324 Contemporary Latin American Cultures ... 3
ANT 433 Social Organization ......................... 3
ANT 450 Symbols and Culture ....................... 3
CLA 509 Roman Law ........................................ 3
*FR 350 Francophone Cultures (Subtitle required) .................. 3
GEO 255 Geography of the Global Economy ....... 3
GEO 260 Geographies of Development in the Global South ........................................... 3
GEO 442G Political Geography ....................... 3
GEO 445 Globalization and the Changing World Economy .................................................. 3
GEO 544 Human Population Dynamics ............ 3
GEO 551 Japanese Multinational Corporations ..... 3
HIS 521 European Social History, 1400-1800 ........ 3
HIS 556 The British Empire, 1322-1879 ......... 3
HIS 557 British Empire and Commonwealth, 1880-2000 .................. 3

Area Concentrations

(12-15 credit hours in one theme and from at least two departments)

Africa and the Middle East

AIS 328 Islamic Civilization I ....................... 3
AIS 330 Islamic Civilization II ..................... 3
AIS 331 Classical Arabic Literature
(in English) ..................................................... 3
AIS 338 Women and Islam ......................... 3
AIS 340 Fundamentalism and Reform in Islam .... 3
*AIS 435 Topics in Islamic Studies
(Subtitle required) ........................................... 3
AIS 440 Introduction to the Quran ................. 3
ANT 222 Middle East Cultures .................. 3
ANT 241 Origins of Old World Civilization ..... 3
ANT 326 People and Cultures of Sub-Saharan Africa .... 3
ENG 440G Studies in British Literature
(Subtitle required) ........................................... 3
FR 263 African and Caribbean Literature and Culture of French Expression in Translation
(Subtitle required) ........................................... 3
GEO 328 Geography of the Middle East and North Africa ........... 3
GEO 336 Geography of Sub-Saharan Africa ....... 3
HIS 208 History of the Atlantic World ..... 3
HIS 254 History of Sub-Saharan Africa ......... 3
HIS 548 History of the Middle East: 1453-1920 .... 3
HIS 549 History of the Middle East: 1952 to the Present ..... 3
*HIS 550 Studies in the Mid-East History and Politics (Subtitle required) .................. 3
HIS 551 Foreign Policies of Middle-East States ...... 3
HIS 324 Jewish Thought and Culture I: From Ancient Israel to the Middle Ages ...... 3
HJS 324 Jewish Thought and Culture II: From the Expulsion from Spain to the Present ... 3
*INT 350 Special Topics in International Studies
(Subtitle required) ........................................... 3
College of Arts and Sciences

INT 399 Internship in International Studies .............................................. 3
PHI 504 Islamic and Jewish Philosophy and the Classical Tradition .............. 3
*PS 410 Topics in Regional Politics (Subtitle required) .................................. 3
*PS 417G Survey of Sub-Saharan Politics .................................................. 3
*SOC 444 Topics in Political Sociology (Subtitle required) ............................ 3

*The subtitle for this course must directly relate to the Africa and the Middle East concentration. You must check with the IS director or advisor for verification prior to taking the course.

East, South, and Southeast Asia
A-H 310 Asian Art and Culture (Subtitle required) ........................................ 3
ANT 241 Origins of Old World Civilization .................................................. 3
ANT 327 Cultures and Societies of Eurasia and Eastern Europe: Socialism and Post-Socialist Change .......................................................... 3
CLA 201 The Art of Greece and Rome ............................................................ 3
CLA 229 The Ancient Near East and Greece to the Death of Alexander the Great .......................................................... 3
CLA 230 The Hellenistic World and Rome to the Death of Constantine .............. 3
CLA 261 Literary Masterpieces of Greece and Rome ........................................ 3
CLA 301 Latin Literature I (Subtitle required) ................................................. 3
CLA 302 Latin Literature II (Subtitle required) .................................................. 3
CLA 331 Gender and Sexuality in Antiquity ..................................................... 3
CLA 382 Greek and Roman Religion .................................................................. 3
CLA 390 Backgrounds to and Early History of Christianity to 150 CE ................. 3
CLA 391 Christians in the Roman Empire ......................................................... 3
CLA 480G Studies in Greek and Latin Literature (Subtitle required) ................. 3
CLA 599 Roman Law ......................................................................................... 3
CLA 524 The Latin Literature of the Republic (Subtitle required) ...................... 3
CLA 525 The Latin Literature of the Empire (Subtitle required) ......................... 3
CLA 528 Late Antique and Post-Imperial Latin Literature (Subtitle required) ...... 3
CLA 551 Greek Poetry and Drama (Subtitle required) ........................................ 3
CLA 555 Greek Prose (Subtitle required) ......................................................... 3
ENG 241 Survey of British Literature I .................................................................. 3
ENG 242 Survey of British Literature II ............................................................. 3
ENG 274 Classics of Western Literature ............................................................ 3
ENG 342 Shakespeare .......................................................................................... 3
ENG 440G Studies in British Literature (Subtitle required) .............................. 3
FR 214 France Today ........................................................................................... 3
FR 215 Visual Cultures .......................................................................................... 3
FR 225 French Film Noir ..................................................................................... 3
*FR 324 Studies in French Literature (Subtitle required) ..................................... 3
FR 335 War, Literature, Film ............................................................................. 3
*FR 350 Francophone Cultures (Subtitle required) ............................................. 3
FR 504 Topics in French Literature and Culture (Subtitle required) ................. 3
GEO 326 Geography of Europe .......................................................................... 3
GER 263 The German Cultural Tradition I ......................................................... 3
GER 264 The German Cultural Tradition II ....................................................... 3
GER 311 Introduction to German Literature: Themes (Subtitle required) .......... 3
GER 312 Introduction to German Literature: Popular Forms .......................... 3
GER 317 History of German Culture ................................................................. 3
GER 319 Contemporary German Literature and Culture ................................. 3
GER 342 War, Peace, and Terror in Germany and Europe .................................. 3
GER 361 German Cinema .................................................................................... 3
GER 415G Major German Authors (Subtitle required) ....................................... 3
GER 416G Genres of German Literature ............................................................. 3
GER 420G Special Topics in German Literary and Cultural History (Subtitle required) .......................................................... 3
HIS 202 History of British People to the Restoration ......................................... 3
HIS 203 History of British People Since the Restoration ...................................... 3
HIS 229 The Ancient Near East and Greece to the Death of Alexander the Great .......................................................... 3
HIS 230 The Hellenistic World and Rome to the Death of Constantine .............. 3
HIS 323 The Holocaust ....................................................................................... 3
HIS 370 Early Middle Ages ............................................................................... 3
HIS 371 Later Middle Ages .............................................................................. 3
HIS 500 Preclassical and Classical Greece ....................................................... 3
HIS 501 Fourth-Century Greece and the Hellenistic World .................................. 3
HIS 502 A History of the Roman Republic ....................................................... 3
HIS 503 A History of the Roman Empire .......................................................... 3
HIS 504 Greek and Roman Medicine ................................................................. 3
HIS 509 Roman Law ............................................................................................ 3
HIS 514 Spain: From Reconquest to Empire, 1200-1700 .................................... 3
HIS 519 The Era of the Renaissance ................................................................... 3
HIS 521 European Social History, 1400-1800 ..................................................... 3
HIS 522 Europe and the World in the Age of Revolution (1760-1815) ................. 3
HIS 525 Modern Europe: 1890-1939 ................................................................. 3
HIS 526 Europe Since 1939 ................................................................................. 3
HIS 529 Women in Modern Europe .................................................................... 3
HIS 540 History of Modern France to 1815 ....................................................... 3
HIS 541 History of Modern France Since 1815 .................................................. 3
HIS 542 German History, 1789-1918 ................................................................. 3
HIS 543 German History Since 1918 ................................................................. 3
HIS 546 The Byzantine Empire ......................................................................... 3
HIS 553 Eighteenth Century Britain ................................................................... 3
HIS 554 British History 1815-1901 .................................................................... 3
HIS 555 British History Since 1901 ................................................................. 3
HIS 556 The British Empire, 1322-1879 ............................................................ 3
HIS 557 British Empire and Commonwealth, 1880-2000 ................................. 3
*INT 350 Special Topics in International Studies (Subtitle required) ................. 3
*INT 359 Internship in International Studies .................................................... 3
ITA 263 Studies in Italian Culture (Subtitle required) ........................................ 3
*PS 410 Topics in Regional Politics (Subtitle required) ..................................... 3
PS 419G The Governments and Politics of Eastern Asia .................................... 3
PS 420G Governments and Politics of South Asia ............................................. 3
*SOC 444 Topics in Political Sociology (Subtitle required) ............................... 3
SPA 262 Hispanic Literatures in Translation (Subtitle required) ......................... 3
SPA 320 Literature, Life and Thought of Spain ............................................... 3
SPA 372 Spanish Cinema (Subtitle required) ..................................................... 3
SPA 424 Medieval and Early Modern Spanish Studies (Subtitle required) .......... 3
SPA 434 Spanish Literature of the 20th Century ................................................. 3
SPA 438G Literature of Social Protest in Spanish America .................................. 3
*SPA 444 20th and 21st Century Spanish Studies (Subtitle required) ................. 3
SPA 454 Colonialism and 19th Century Spanish-American Studies (Subtitle required) .......................................................... 3
TA 485 French Theatre: Culture, Text and Performance .................................... 3

*The subtitle for this course must directly relate to the Europe concentration. You must check with the IS director or advisor for verification prior to taking the course.

Latin America
ANT 242 Origins of New World Civilization ................................................... 3
ANT 320 Andean Civilization .............................................................................. 3
ANT 322 Mexican Civilizations ......................................................................... 3
ANT 324 Contemporary Latin American Cultures ............................................ 3
ANT 328 The Ancient Maya .............................................................................. 3
ENG 440G Studies in British Literature (Subtitle required) .............................. 3
FR 204 Introduction to French and Francophone Studies .................................. 3
FR 263 African and Caribbean Literature and Culture of French Expression in Translation (Subtitle required) .......................................................... 3
HIS 206 History of Colonial Latin America, 1492-1810 ............................................. 3
HIS 207 History of Modern Latin America, 1810 to Present ........................................ 3
HIS 208 History of the Atlantic World ............................................................................. 3
HIS 561 Culture, Ideas, and Society in Latin America .................................................. 3
HIS 562 Modern Mexico .................................................................................................. 3
HIS 563 The History of Women in Latin America .......................................................... 3
HIS 564 History of Brazil .................................................................................................. 3
*INT 350 Special Topics in International Studies (Subtitle required) ......................... 3
INT 399 Internship in International Studies ................................................................. 3
LAS 201 Introduction to Latin America ......................................................................... 3
*PS 410 Topics in Regional Politics (Subtitle required) .................................................. 3
PS 428G Latin American Government and Politics ....................................................... 3
PS 538 Conflict and Cooperation in Latin American Relations ..................................... 3
*SOC 444 Topics in Political Sociology (Subtitle required) ........................................... 3
*SPA 314 Civilization of Spanish America ....................................................................... 3
SPA 315 Introduction to Hispanic Literature .................................................................. 3
SPA 322 Literature, Life and Thought of Spanish America ............................................. 3
SPA 361 Latin American Literature in Translation (Subtitle required) ......................... 3
SPA 371 Latin American Cinema (Subtitle required) ....................................................... 3
*SPA 400 Special Topics in Hispanic Literatures and Languages (Subtitle required) .......... 3
SPA 480 Hispanic Kentucky .......................................................................................... 3
*The subtitle for this course must directly relate to the Latin America concentration. You must check with the IS director or advisor for verification prior to taking the course.

Russia and Eurasia

ANT 329 Cultures and Societies of Eurasia and Eastern Europe: Socialism and Post-Socialist Change ......................................................... 3
ANT 432 Anthropology of Eastern Europe and Russia .................................................. 3
ENG 440G Studies in British Literature (Subtitle required) ........................................... 3
GEO 329 Geography of the Former Soviet Union ........................................................ 3
HIS 385 History of Russia to 1825 .................................................................................. 3
HIS 386 History of Russia Since 1825 ............................................................................ 3
HIS 534 Russia in the 19th Century ................................................................................. 3
HIS 535 Russia in the 20th Century ................................................................................ 3
HIS 536 Intellectual and Cultural History of Russia to 1800 .......................................... 3
HIS 537 Intellectual and Cultural History of Russia From 1800 to the Present ............... 3
*INT 350 Special Topics in International Studies (Subtitle required) ......................... 3
INT 399 Internship in International Studies ................................................................. 3
*PS 410 Topics in Regional Politics (Subtitle required) .................................................. 3
PS 427G East European Politics .................................................................................... 3
PS 429G Government and Politics in Russia and the Post-Soviet States ......................... 3
RUS 261 Introduction to Russian Studies ....................................................................... 3
RUS 270 Russian Culture 900-1900 ............................................................................... 3
RUS 271 Russian Culture 1900-Present ........................................................................ 3
RUS 370 Russian Folklore (in English) ......................................................................... 3
RUS 375 Seminar in Russian Film .................................................................................. 3
RUS 380 Nineteenth Century Russian Literature (in English) ....................................... 3
RUS 381 Russian Literature 1900-Present (in English) .................................................. 3
RUS 400G Russian Cultural Studies (Subtitle required) ................................................. 3
RUS 460G Major Russian Writers (Subtitle required) .................................................... 3
RUS 463 Russian Film and Theatre (Subtitle required) .................................................. 3

PS 428G Latin American Government and Politics ....................................................... 3
PS 538 Conflict and Cooperation in Latin American Relations ..................................... 3
*SOC 444 Topics in Political Sociology (Subtitle required) ........................................... 3
*The subtitle for this course must directly relate to the Russia and Eurasia concentration. You must check with the IS director or advisor for verification prior to taking the course.

**Bachelor of Science with a major in INTERNATIONAL STUDIES**

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list ....................................................... 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list ................................................. 3

III. Intellectual Inquiry in the Social Sciences

Choose one course from approved list ....................................................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list ....................................................... 3

V. Composition and Communication I

CIS/WRD 110 Composition and Communication I ........................................... 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II ............................................. 3

VII. Quantitative Foundations

Choose one course from approved list ....................................................... 3

VIII. Statistical Inferential Reasoning

Choose one course from approved list ....................................................... 3

IX. Community, Culture and Citizenship in the USA

Choose one course from approved list ....................................................... 3

X. Global Dynamics

Choose one course from approved list ....................................................... 3

UK Core hours: ..................................................................................................... 30

Graduation Composition and Communication Requirement (GCCR)

INT 495 Capstone Seminar for International Studies Managers (Subtitle required) ........... 3

Graduation Composition and Communication Requirement hours (GCCR) .................. 3

College Requirements

I. Foreign Language (placement exam recommended, completed by Major Requirements) ......................................................... 0-14

II. Disciplinary Requirements

a. Natural Science ................................................................................................. 6

b. Social Science (can be completed with Major Requirements) ............................... 6

c. Humanities (can be completed with Major Requirements) .................................. 6

III. Laboratory or Field Work ................................................................................. 1

IV. Electives ............................................................................................................. 6

Subtotal: College hours: .......................................................... 25-39

Distribution Requirements

I. Students may not apply to their IS major more than 15 credit hours that have already been applied to another major or minor program.

II. Students must apply to their IS major at least one course from four different departments and/or academic programs.

III. Students must complete at least 24 of the major’s total credit hours at the 300 level or above.

Major Requirements

Pathway Courses

Complete six credit hours from the following list. Courses must be from two departments:

A-H 103 World Art .......................................................... 3

ANT 130 Introduction to Comparative Religion ....................................................... 3

ANT 160 Cultural Diversity in the Modern World ..................................................... 3

GEO 152 Regional Geography of the World .............................................................. 3

GEO 160 Lands and Peoples of the Non-Western World .......................................... 3

HIS 104 A History of Europe through the Mid-Seventeenth Century ....................... 3

HIS 105 A History of Europe from the Mid-Seventeenth Century to the Present .......... 3

PS 210 Introduction to Comparative Politics ............................................................. 3

PS 235 World Politics .................................................................................................. 3

TA 385 World Theatre I ............................................................................................. 3

Language Competency

Complete the fourth semester in one language

AND

Two semesters in a second language ............................................................... 6-8

OR

Two additional semesters in the same language .............................................. 6

Capstone Senior Project

Complete the following course:

INT 495 Capstone Seminar for International Studies

Majors (Subtitle required) ....................................................................................... 3

Thematic and Area Concentrations

Complete one of the following:

1. Fifteen credit hours with a thematic concentration and twelve credit hours with an area concentration ................................................................. 27

OR

2. Fifteen credit hours with an area concentration and twelve credit hours with a thematic concentration27

Thematic Concentrations

(12 -15 credit hours in one theme and from at least two departments)

International Relations

The International Relations concentration focuses on how states and institutions interact in a global environment. Sources of global conflict, international non-government organizations, international crisis resolution, and national sovereignty are examined.

ANT 311 Anthropology of Globalization ................................................................. 3

ANT 532 Anthropology of the State ........................................................................... 3

GEO 442G Political Geography .................................................................................. 3

HIS 355 Topics in Non-Western History Since 1789 ............................................... 3

HIS 551 Foreign Policies of Middle East States ......................................................... 3

University of Kentucky 2014-2015 Undergraduate Bulletin 157
College of Arts and Sciences

HIS 574 The Diplomacy and Foreign Policy of the United States to 1919 .......................... 3
HIS 575 The Diplomacy and Foreign Policy of the United States Since 1919 ..................... 3
PS 391 Special Topics in Political Science (Subtitle required) ........................................... 3
PS 410 Topics in Regional Politics (Subtitle required) ....................................................... 3
PS 427G East European Politics .......................................................... 3
PS 430G The Conduct of American Foreign Relations ...................................................... 3
PS 431G National Security Policy .......................................................... 3
PS 433G Politics of International Economic Relations ...................................................... 3
PS 436G International Organization .......................................................... 3
PS 437G Dynamics of International Law .......................................................... 3
PS 439G Special Topics in International Relations (Subtitle required) .............................. 3
SOC 444 Topics in Political Sociology (Subtitle required) ................................................ 3

Culture and the Arts

The Culture and the Arts concentration focuses on forms of cultural expression and representation (performing arts, film, philosophy, literature, folklore and myth, visual arts) from comparative and global perspectives. The role of language and the evolution of cultural identity are also explored.

A-H 308 Studies in African Arts (Subtitle required) .......................................................... 3
A-H 310 Asian Art and Culture (Subtitle required) .......................................................... 3
A-H 323 Medieval (Subtitle required) .......................................................... 3
A-H 334 Reframing Renaissance Art (Subtitle required) ..................................................... 3
A-H 350 Contemporary .......................................................... 3
A-H 527 Interdisciplinary Approaches (Subtitle required) ................................................. 3
AIS 328 Islamic Civilization I ......................................................................................... 3
AIS 330 Islamic Civilization II ......................................................................................... 3
AIS 331 Classical Arabic Literature (in English) ......................................................... 3
AIS 435 Topics in Islamic Studies (Subtitle required) ....................................................... 3
AIS 440 Introduction to the Quran .................................................................................... 3
ANT 241 Origins of Old World Civilization ........................................................................ 3
ANT 242 Origins of New World Civilization ...................................................................... 3
ANT 311 Anthropology of Globalization ........................................................................... 3
ANT 320 Andean Civilization ......................................................................................... 3
ANT 322 Ancient Mexican Civilizations ......................................................................... 3
ANT 324 Contemporary Latin American Cultures ............................................................ 3
ANT 326 People and Cultures of Sub-Saharan Africa ......................................................... 3
ANT 327 Culture and Societies of India and South Asia ..................................................... 3
ANT 328 The Ancient Maya ............................................................................................. 3
ANT 350 Topics in Anthropology (Subtitle required) ....................................................... 3
ANT 351 Special Topics in Archaeology (Subtitle required) ............................................. 3
ANT 352 Special Topics in Cultural Anthropology (Subtitle required) ............................ 3
ANT 353 Special Topics in Physical or Biological Anthropology (Subtitle required) ......... 3
ANT 432 Anthropology of Eastern Europe and Russia ..................................................... 3
ANT 433 Social Organization .......................................................................................... 3
ANT 440 Anthropological Perspectives on Child Growth ................................................ 3
ANT 450 Symbols and Culture .......................................................................................... 3
ANT 490 Anthropological Research Methods .................................................................... 3
ANT 515Phenological Analysis ......................................................................................... 3
ANT 516 Grammatical Typology ....................................................................................... 3
ANT 532 Anthropology of the State .................................................................................. 3
ANT 541 Archaeological Method and Theory ................................................................. 3
ANT 543 Cultural Resource Management ....................................................................... 3
ANT 545 Historical Archaeology ........................................................................................ 3
ANT 582 Senior Integrative Seminar ................................................................................. 3

ANT 585 Field Laboratory in Archaeological Research ..................................................... 3
CHI 320 Gender Politics in Chinese Literature ................................................................. 3
CHI 321 Introduction to Contemporary Chinese Film ..................................................... 3
CHI 330 Introduction to Chinese Culture, Pre-Medieval to 1840 ...................................... 3
CHI 331 Introduction to Chinese Culture, 1840 to Present ............................................. 3
CHI 430 Popular Culture in Modern China ...................................................................... 3
CLA 210 The Art of Greece and Rome ............................................................................. 3
CLA 261 Literary Masterpieces of Greece and Rome ....................................................... 3
CLA 301 Latin Literature I (Subtitle required) ................................................................ 3
CLA 302 Latin Literature II (Subtitle required) ................................................................ 3
CLA 331 Gender and Sexuality in Antiquity ..................................................................... 3
CLA 382 Greek and Roman Religion .............................................................................. 3
CLA 390 Backgrounds to and Early History of Christianity to 150 CE .......................... 3
CLA 391 Christians in the Roman Empire ....................................................................... 3
CLA 440G Special Topics in Classical Studies (Subtitle required) .................................... 3
CLA 466G Topics in Classical Literature (Subtitle required) ............................................. 3
CLA 480G Studies in Greek and Latin Literature (Subtitle required) ............................... 3
CLA 509 Roman Law ...................................................................................................... 3
CLA 524 The Latin Literature of the Republic (Subtitle required) .................................... 3
CLA 525 The Latin Literature of the Empire (Subtitle required) ........................................ 3
CLA 528 Late Antique and Post-Imperial Latin Literature (Subtitle required) .................. 3
CLA 551 Greek Poetry and Drama (Subtitle required) ..................................................... 3
CLA 555 Greek Prose (Subtitle required) ......................................................................... 3
ENG 241 Survey of British Literature I ............................................................................ 3
ENG 242 Survey of British Literature II ........................................................................... 3
ENG 274 Classics of Western Literature ......................................................................... 3
ENG 330 Text and Context (Subtitle required) ................................................................. 3
ENG 342 Shakespeare ..................................................................................................... 3
ENG 440G Studies in British Literature (Subtitle required) ............................................. 3
EPE 554 Culture, Education and Teaching Abroad .......................................................... 3
'FA 501 Arts-Study Tour ................................................................................................. 3
FR 263 African and Caribbean Literature and Culture of French Expression in Translation (Subtitle required) .......................................................... 3
FR 350 Francophone Cultures (Subtitle required) .......................................................... 3
FR 465G Topics in French Literature and Culture in Translation (Subtitle required) ........ 3
FR 470G Topical Seminar I (Subtitle required) ................................................................. 3
FR 504 Topics in French Literature and Culture (Subtitle required) ............................... 3
GEO 442G Political Geography ....................................................................................... 3
GEO 491 Japanese Landscapes ....................................................................................... 3
GER 263 The German Cultural Tradition I ..................................................................... 3
GER 264 The German Cultural Tradition II ..................................................................... 3
GER 311 Introduction to German Literature: Themes (Subtitle required) ......................... 3
GER 312 Introduction to German Literature: Popular Forms (Subtitle required) .......... 3
GER 317 History of German Culture ................................................................................. 3
GER 319 Contemporary German Literature and Culture ............................................... 3
GER 352 German-Speaking Europe (Subtitle required) ................................................... 3
GER 361 German Cinema ............................................................................................... 3
GER 363 Germanic Mythology ......................................................................................... 3
GER 415G Major German Authors (Subtitle required) ..................................................... 3
GER 416G Genres of German Literature ......................................................................... 3
GER 420G Special Studies in German Literary and Cultural History (Subtitle required) .... 3

'GER 520 Special Topics Seminar ..................................................................................... 3
HIS 208 History of the Atlantic World ............................................................................ 3
HIS 352 Topics in European History Before 1789 .......................................................... 3
HIS 353 Topics in European History Since 1789 ............................................................. 3
HIS 512 Carolingian Empire ............................................................................................. 3
HIS 536 Intellectual and Cultural History of Russia to 1800 ........................................... 3
HIS 537 Intellectual and Cultural History of Russia from 1800 to the Present .............. 3
HIS 546 The Byzantine Empire ....................................................................................... 3
HIS 552 Tudor-Stuart Britain, 1485-1714 ....................................................................... 3
HIS 564 History of Brazil ................................................................................................. 3
HIS 574 Contemporary Jewish Thought and Culture I: From Ancient Israel to the Middle Ages ......................................................................................... 3
HIS 325 Jewish Thought and Culture II: From the Expansion from Spain to the Present ... 3
HIS 327 Women in Judaism ............................................................................................. 3
HIS 425 Topics in Judaic Studies (Subtitle required) ........................................................ 3
ITA 263 Studies in Italian Culture (Subtitle required) ....................................................... 3
ITA 443G Survey of Italian Literature I ............................................................................. 3
IOU 319 World Media Systems ....................................................................................... 3
JPN 321 Introduction to Japanese Culture, Meiji (1868) to Present .................................... 3
JPN 420G Pre-Modern Literary and Visual Arts of Japan ................................................. 3
JPN 421G Contemporary Literary and Visual Arts of Japan ........................................... 3
JPN 430G Self and Other: The Politics of Culture in Japan-U.S. Relations .................... 3
MAT 247 Dress and Culture ............................................................................................. 3
MCL 270 Introduction to Folklore and Mythology ........................................................... 3
MCL/SPA 300 Contact Zones: Cultivating Intercultural Competence ................................ 3
'MUS 330 Music in the World (Subtitle required) ............................................................. 3
PHI 343 Ancient Philosophy ........................................................................................... 3
PHI 504 Islamic and Jewish Philosophy and the Classical Tradition ................................ 3
PHI 516 Contemporary Philosophy: Phenomenological Directions ................................ 3
RUS 270 Russian Culture 900-1900 ............................................................................... 3
RUS 271 Russian Culture 1900-Present ......................................................................... 3
RUS 370 Russian Folklore (in English) ........................................................................... 3
RUS 375 Seminar in Russian Film .................................................................................... 3
RUS 380 Nineteenth-Century Russian Literature (in English) ........................................ 3
RUS 381 Russian Literature 1900-Present (in English) .................................................... 3
RUS 400G Russian Cultural Studies (Subtitle required) .................................................. 3
RUS 460G Major Russian Writers (Subtitle required) ..................................................... 3
RUS 463 Russian Film and Theater (Subtitle required) ................................................... 3
SAG 201 Cultural Perspectives on Sustainability (Subtitle required) ............................... 3
SOC 435 Topics in Social Inequalities (Subtitle required) ............................................... 3
SPA 262 Hispanic Literatures in Translation (Subtitle required) ....................................... 3
SPA 315 Introduction to Hispanic Literature .................................................................... 3
SPA 320 Literature, Life and Thought of Spain ............................................................... 3
SPA 322 Literature, Life and Thought of Spanish America ............................................. 3
SPA 361 Latin American Literature in Translation (Subtitle required) .......................... 3
SPA 371 Latin American Cinema (Subtitle required) ....................................................... 3
SPA 372 Spanish Cinema (Subtitle required) .................................................................. 3
'SPA 400 Special Topics in Hispanic Literatures and Languages (Subtitle required) .... 3
SPA 420 Spanish in the World ......................................................................................... 3
SPA 424 Medieval and Early Modern Spanish Studies ..................................................... 3

University of Kentucky 2014-2015 Undergraduate Bulletin 158
International Development

International Development concentration focuses on the developing world and examines development in relation to socio-political and socio-economic growth.

ANT 311 Anthropology of Globalization ................. 3
ANT 338 Economic Anthropology .......................... 3
ANT 340 Development and Change in the Third World ........................................... 3
ANT 350 Topics in Anthropology (Subtitle required) ............ 3
^ANT 351 Special Topics in Archaeology (Subtitle required) 3
^ANT 352 Special Topics in Cultural Anthropology (Subtitle required) 3
^ANT 353 Special Topics in Physical or Biological Anthropology (Subtitle required) 3
ANT 433 Social Organization .................................. 3
ANT 490 Anthropological Research Methods ............... 3
ANT 525 Applied Anthropology ............................... 3
ANT 532 Anthropology of the State .......................... 3
COM 462 Intercultural Communication ........................ 3
*ECO 473G Economic Development .......................... 3
EPE 555 Comparative Education .............................. 3
GEO 222 Cities of the World .................................... 3
GEO 231 Environment and Development .................... 3
GEO 255 Geography of the Global Economy ................ 3
GEO 260 Geographies of Development in the Global South .................. 3
GEO 431 Political Ecology ....................................... 3
JPN 461G Japanese Colonialism and its Legacies .......... 3
MCL/SPA 300 Contact Zones: Cultivating Intercultural Competence .......... 3
^PS 391 Special Topics in Political Science (Subtitle required) .......... 3
PS 433G Politics of International Economic Relations ........ 3
PS 436G International Organization .......................... 3
SOC 380 Globalization: A Cross-Cultural Perspective ........ 3
^SOC 435 Topics in Social Inequalities (Subtitle required) .......... 3
^SOC 444 Topics in Political Sociology (Subtitle required) ........... 3
SPA 454 Colonialism and 19th Century Spanish-American Studies (Subtitle required) 3
SW 320 Global Poverty: Responses Across Cultures .......... 3
^Course is from the Gatton College of Business and Economics. They will be open to Gatton students who also seek major in International Studies, but may not be available to International Studies majors enrolled entirely in other colleges.

Human Rights and Social Movements

The Human Rights and Social Movements concentration focuses on international struggles for political, social, and economic equality and international efforts to guarantee human rights by placing them into cross-cultural, interdisciplinary, and historical perspectives.

AIS 338 Women and Islam ...................................... 3
AIS 340 Fundamentalism and Reform in Islam ............... 3
ANT 311 Global Dreams and Local Realities in a “Flat” World .......................... 3
ANT 340 Development and Change in the Third World ............ 3
^ANT 350 Topics in Anthropology (Subtitle required) 3
^ANT 351 Special Topics in Archaeology (Subtitle required) 3
^ANT 352 Special Topics in Cultural Anthropology (Subtitle required) 3
^ANT 353 Special Topics in Physical or Biological Anthropology (Subtitle required) 3
ANT 401 Gender Roles in Cross-Cultural Perspective ............ 3
ANT 429 Survey of Medical Anthropology .................... 3
ANT 433 Social Organization ................................. 3
ANT 435 Cultures and Politics of Reproduction ............... 3
ANT 440 Anthropological Perspectives on Child Growth ....... 3
ANT 490 Anthropological Research Methods ............... 3
CHI 320 Gender Politics in Chinese Literature ................. 3
^FR 263 African and Caribbean Literature and Culture of French Expression in Translation (Subtitle required) .......... 3
^FR 350 Francophone Cultures (Subtitle required) 3
^FR 465G Topics in French Literature and Culture in Translation (Subtitle required) 3
^GER 352 German-Speaking Europe (Subtitle required) .......... 3
GWS 250 Social Movements ................................. 3
HIS 521 European Social History, 1400-1800 ................. 3
HIS 529 Women in Modern Europe .......................... 3
HIS 563 The History of Women in Latin America .............. 3
JPN 451G Social Movements in Modern Japan ................. 3
MCL/SPA 300 Contact Zones: Cultivating Intercultural Competence 3
^PS 391 Special Topics in Political Science (Subtitle required) 3
PS 437G Dynamics of International Law ...................... 3
^SOC 435 Topics in Social Inequalities (Subtitle required) 3
^SOC 444 Topics in Political Sociology (Subtitle required) 3
SPA 438G Literature of Social Protest in Spanish America .... 3
SW 320 Global Poverty: Responses Across Cultures ............ 3
^The subtitle for this course must directly relate to the Human Rights and Social Movements Concentration. You must check with the IS director or advisor for verification prior to taking the course.

International Commerce

The International Commerce concentration focuses on the issues of managing global businesses, such as the effects of differences in national requirements, cultural expectations, economic structures and governance.

AEC 510 International Trade and Agricultural Marketing .................. 3
*ECO 465G Comparative Economic Systems ................. 3
*ECO 471 International Trade .................................... 3
*ECO 473G Economic Development .......................... 3
*FIN 423 International Finance ............................... 3
FR 307 French for Business and Economics ................ 3
GEO 255 Geography of the Global Economy .................. 3
GEO 351 Japanese Multinational Corporations ................ 3
GER 310 German for International Business and Professions .... 3
JPN 334 Environment, Society and Economy of Japan .......... 3
MAT 470 International Merchandizing .......................... 3
^MGT 309 Introduction to International Business ............... 3
^MKT 435 International Marketing ......................... 3
PS 437G Politics of International Economic Relations ........ 3
RUS 530 Business Russian ................................. 3
SPA 302 Spanish for Business Professionals ................. 3
^Courses are from the Gatton College of Business and Economics. They will be open to Gatton students who also seek major in International Studies, but may not be available to International Studies majors enrolled entirely in other colleges.

Global Environment

The Global Environment concentration focuses on the international interplay of peoples, information, capital, culture and physical geographies.

ANT 311 Anthropology of Globalization .................... 3
ANT 332 Human Evolution ....................................... 3
ANT 333 Contemporary Human Variation .................... 3
ANT 338 Economic Anthropology ............................. 3
^ANT 350 Topics in Anthropology (Subtitle required) .......... 3
^ANT 351 Special Topics in Archaeology (Subtitle required) 3
^ANT 352 Special Topics in Cultural Anthropology (Subtitle required) 3
^ANT 353 Special Topics in Physical or Biological Anthropology (Subtitle required) 3
ANT 375 Ecology and Social Practice .......................... 3
ANT 490 Anthropological Research Methods ............... 3
GEO 222 Cities of the World .................................... 3
GEO 231 Environment and Development .................... 3
GEO 255 Geography of the Global Economy .................. 3
GEO 260 Geographies of Development in the Global South .................. 3
GEO 431 Political Ecology ....................................... 3
JPN 461G Japanese Colonialism and its Legacies .......... 3
MCL/SPA 300 Contact Zones: Cultivating Intercultural Competence .......... 3
^PS 391 Special Topics in Political Science (Subtitle required) .......... 3
PS 433G Politics of International Economic Relations ........ 3
PS 436G International Organization .......................... 3
SOC 380 Globalization: A Cross-Cultural Perspective ........ 3
^SOC 435 Topics in Social Inequalities (Subtitle required) .......... 3
^SOC 444 Topics in Political Sociology (Subtitle required) ........... 3
SPA 454 Colonialism and 19th Century Spanish-American Studies (Subtitle required) 3
SW 320 Global Poverty: Responses Across Cultures .......... 3
^Course is from the Gatton College of Business and Economics. They will be open to Gatton students who also seek major in International Studies, but may not be available to International Studies majors enrolled entirely in other colleges.

Biological Anthropology (Subtitle required) 3

Global Environment and Performance .......................... 3

TA 485 French Theatre: Culture, Text and Performance .......... 3
TA 584 Asian Theatre ............................................ 3
The subtitle for this course must directly relate to the Culture and the Arts Concentration. You must check with the IS director or advisor for verification prior to taking the course.

University of Kentucky
2014-2015 Undergraduate Bulletin

College of Arts and Sciences

159
Area Concentrations

(12-15 credit hours in one theme and from at least two departments)

Africa and the Middle East

A-H 308 Studies in African Arts (Subtitle required) 3

^A-H 527 Interdisciplinary Approaches (Subtitle required) 3

AIS 328 Islamic Civilization 1 ........................................... 3

AIS 330 Islamic Civilization II .......................................... 3

AIS 331 Classical Arabic Literature (Subtitle required) 3

^AIS 435 Topics in Islamic Studies (Subtitle required) 3

AIS 440 Introduction to the Quran .................................... 3

ANT 326 People and Cultures of Sub-Saharan Africa 3

^ANT 350 Topics in Anthropology (Subtitle required) 3

^ANT 351 Special Topics in Archaeology (Subtitle required) 3

^ANT 352 Special Topics in Cultural Anthropology (Subtitle required) 3

^ANT 353 Special Topics in Physical or Biological Anthropology (Subtitle required) 3

CHI 320 Gender Politics in Chinese Literature 3

CHI 321 Introduction to Contemporary Chinese Film 4

CHI 330 Introduction to Chinese Culture, Pre-Modern to 1840 3

CHI 331 Introduction to Chinese Culture, 1840 to Present 3

CHI 430 Popular Culture in Modern China 3

FA 501 Arts-Study Tour 3

GEO 328 Geography of the Middle East and North Africa 3

GEO 329 Geography of Sub-Saharan Africa 3

GEO 336 Geography of Sub-Saharan Africa 3

HIS 254 History of Sub-Saharan Africa 3

^HIS 355 Topics in Non-Western History Since 1789 3

HIS 549 History of the Middle East: 1453-1920 3

HIS 549 History of the Middle East: 1952 to Present 3

HIS 550 Studies in the Mid-East History and Politics (Subtitle required) 3

HIS 551 Foreign Policies of Middle East States 3

HJS 324 Jewish Thought and Culture I: From Ancient Israel to the Middle Ages 3

HJS 325 Jewish Thought and Culture II: From the Expulsion from Spain to the Present 3

HJS 327 Women in Judaism 3

^HJS 425 Topics in Judaic Studies (Subtitle required) 3

^MUS 330 Music in the World (Subtitle required) 3

PHI 504 Islamic and Jewish Philosophy and the Classical Tradition 3

^PS 410 Topics in Regional Politics (Subtitle required) 3

PS 417G Survey of Sub-Saharan Politics 3

^The subtitle for this course must directly relate to the Africa and the Middle East Concentration. You must check with the IS director or advisor for verification prior to taking the course.

East, South, and Southeast Asia

A-H 310 Asian Art and Culture (Subtitle required) 3

^A-H 527 Interdisciplinary Approaches (Subtitle required) 3

AIS 328 Islamic Civilization I .......................................... 3

AIS 330 Islamic Civilization II ......................................... 3

AIS 331 Classical Arabic Literature (in English) 3

AIS 338 Women and Islam .................................................. 3

AIS 340 Fundamentalism and Reform in Islam 3

^AIS 435 Topics in Islamic Studies (Subtitle required) 3

ANT 326 People and Cultures of Sub-Saharan Africa 3

^ANT 350 Topics in Anthropology (Subtitle required) 3

^ANT 351 Special Topics in Archaeology (Subtitle required) 3

^ANT 352 Special Topics in Cultural Anthropology (Subtitle required) 3

^ANT 353 Special Topics in Physical or Biological Anthropology (Subtitle required) 3

CLA 210 The Art of Greece and Rome 3

CLA 229 The Ancient Near East and Greece to the Death of Alexander the Great 3

CLA 230 The Hellenistic World and Rome to the Death of Constantine 3

CLA 261 Literary Masterpieces of Greece and Rome 3

CLA 301 Latin Literature I (Subtitle required) 3

CLA 302 Latin Literature II (Subtitle required) 3

CLA 331 Gender and Sexuality in Antiquity 3

CLA 382 Greek and Roman Religion 3

CLA 390 Backgrounds to and Early History of Christianity to 150 CE 3

CLA 391 Christians in the Roman Empire 3

CLA 450G Special Topics in Classical Studies (Subtitle required) 3

CLA 462G Topics in Classical Literature (Subtitle required) 3

CLA 480G Studies in Greek and Latin Literature (Subtitle required) 3

CLA 509 Roman Law 3

CLA 524 The Latin Literature of the Republic (Subtitle required) 3

CLA 525 The Latin Literature of the Empire (Subtitle required) 3

CLA 528 Late Antique and Post-Imperial Latin Literature (Subtitle required) 3

CLA 551 Greek Poetry and Drama (Subtitle required) 3

CLA 555 Greek Prose (Subtitle required) 3

ENG 241 Survey of British Literature I 3

ENG 242 Survey of British Literature II 3

ENG 274 Classics of Western Literature 3

^ENG 330 Text and Context (Subtitle required) 3

ENG 342 Shakespeare 3

ENG 4400 Studies in British Literature (Subtitle required) 3

^FA 501 Arts-Study Tour 3

^FR 350 Francophone Cultures (Subtitle required) 3

^FR 465G Topics in French Literature and Culture in Translation (Subtitle required) 3

^FR 470G Topical Seminar I (Subtitle required) 3

GEO 326 Geography of Europe 3

GEO 365 Special Topics in Regional Geography (Subtitle required)* 3

GER 263 The German Cultural Tradition I 3

GER 264 The German Cultural Tradition II 3

GER 311 Introduction to German Literature: Themes (Subtitle required) 3

GER 312 Introduction to German Literature: Popular Forms 3

GER 317 History of German Culture 3

GER 319 Contemporary German Literature and Culture 3

GER 352 German-Speaking Europe (Subtitle required) 3

GER 361 German Cinema 3

GER 363 Germanic Mythology 3

GER 415G Major German Authors (Subtitle required) 3

GER 416G Genres of German Literature 3

GER 420G Special Studies in German Literary and Cultural History (Subtitle required) 3

GER 520 Special Topics Seminar 3

HIS 202 History of British People to the Restoration 3

HIS 203 History of British People Since the Restoration 3

HIS 208 History of the Atlantic World 3

HIS 230 The Hellenistic World and Rome to the Death of Constantine 3

HIS 332 The Holocaust 3

HIS 352 Topics in European History Before 1789 3

HIS 353 Topics in European History Since 1789 3

HIS 370 Early Middle Ages 3

University of Kentucky 2014-2015 Undergraduate Bulletin 160
### B.A. or B.S. with a major in JAPANESE LANGUAGE AND LITERATURE

The requirements for the B.A. and B.S. with a major in Japanese Language and Literature are listed in this A&S section under Modern and Classical Languages, Literatures and Cultures.

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### LINGUISTICS

Linguistics is an interdisciplinary program combining resources from English, anthropology, psychology, philosophy, computer science, and the foreign languages, to develop an understanding of the nature and implications of human language. The Linguistics program provides solid foundations in phonological and grammatical analysis, as well as opportunities to investigate the social, cultural, psychological, and physical aspects of language use.

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### Bachelor of Arts with a major in LINGUISTICS

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

#### UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

- **I. Intellectual Inquiry in Arts and Creativity**
  - Choose one course from approved list

- **II. Intellectual Inquiry in the Humanities**
  - Choose one course from approved list

- **III. Intellectual Inquiry in the Social Sciences**
  - Choose one ANT or SOC course from approved list

- **IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences**
  - Choose one course from approved list

- **V. Composition and Communication I**
  - CIS/WRD 110 Composition and Communication I

- **VI. Composition and Communication II**
  - CIS/WRD 111 Composition and Communication II

- **VII. Quantitative Foundations**
  - Choose one course from approved list

- **VIII. Statistical Inferential Reasoning**
  - Choose one course from approved list

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### Minor in International Studies

The minor in International Studies requires 18 credit hours of course work, 12 of which must be at the 300 level or above. Nine of the 18 credit hours should be in either a thematic or area concentration. No more than nine credit hours from any other major can apply to the minor. All 18 credit hours must be in approved International Studies courses.
College of Arts and Sciences

Bachelor of Science with a major in LINGUISTICS

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with an LIN prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list ............................ 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list ............................ 3

III. Intellectual Inquiry in the Social Sciences

Choose one ANT or SOC course from approved list ..... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list ............................ 3

V. Composition and Communication I

CIS/WRD 110 Composition and Communication I ....... 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II ....... 3

VII. Quantitative Foundations

Choose one course from approved list ............................ 3

VIII. Statistical Inferential Reasoning

Choose one course from approved list ............................ 3

IX. Community, Culture and Citizenship in the USA

Choose one course from approved list ............................ 3

X. Global Dynamics

Choose one course from approved list ............................ 3

UK Core hours: .............................................. 30

Graduation Composition and Communication Requirement (GCCR)

LIN 222 Introduction to Linguistics II: Language in Context ............................................. 3

Graduation Composition and Communication Requirement hours (GCCR) .................... 3

College Requirements

I. Foreign Language (completed by Premajor Requirements)

II. Disciplinary Requirements

a. Natural Science ....................................................... 3

b. Social Science ......................................................... 3

c. Humanities (completed by Major Requirements)

III. Laboratory or Field Work ......................................... 1

IV. Electives .................................................................. 6

College Requirement hours: ..................... 13

Premajor Requirements

Complete the third and fourth semesters of a foreign language (or the equivalent) .......................... 6-8

Premajor hours: ................................. 6-8

Major Requirements

Major Core Requirements

LIN 221 Introduction to Linguistics I: Theoretical Foundations and Analysis .................................. 3

LIN 222 Introduction to Linguistics II: Language in Context ............................................. 3

plus four major area courses:

LIN 500 Phonetics ......................................................... 3

LIN 505 Linguistic Morphology ........................................ 3

LIN 512 Analysis of English Syntax ................................ 3

LIN 515 Phonological Analysis ........................................ 3

plus fifteen additional hours of LIN courses of which six (6) or more must be at the 500 level and distinct from the major area courses ............................................. 15

Major Core hours: ............................................... 33

Other Course Work Required for the Major

For the Related Component:

Choose fifteen hours of additional courses relevant to the major chosen from the fields of anthropology, computer science, modern and classical languages, Hispanic studies, mathematics, psychology, philosophy or courses approved by the Director of the Program ............................................. 15

Other Major hours: ............................................. 15

Electives

Choose electives to lead to the minimum total of 120 hours required for graduation .......................... 9

Total Minimum Hours Required for Degree ............................................. 120

Minor in Linguistics

The minor in Linguistics requires 18 hours of course work to include:

LIN 221 Introduction to Linguistics I: Theoretical Foundations and Analysis .................................. 3

LIN 222 Introduction to Linguistics II: Language in Context ............................................. 3

Choose one phonetics/phonology course:

LIN 500 Phonetics or LIN 515 Phonological Analysis ............................................. 3

Choose one morphosyntax/semantic course:

LIN 512 Analysis of English Syntax or LIN 505 Linguistic Morphology or LIN 509 Semantics and Pragmatics or LIN 516 Grammatical Typology ............................................. 3

Choose two other LIN courses at 300 level or above .................................. 6
MATHEMATICAL ECONOMICS

The mathematical economics major offers students a degree program that combines mathematics, statistics, and economics. In today’s increasingly complicated international business world, a strong preparation in the fundamentals of both economics and mathematics is crucial to success. This degree program is designed to prepare a student to go directly into the business world with skills that are in high demand, or to go on to graduate study in economics or finance. A degree in mathematical economics would, for example, prepare a student for the beginning of a career in operations research or actuarial science.

In many ways, the mathematical economics program parallels the engineering philosophy. It combines the quantitative methods of mathematics with an applied science in order to solve real problems. As an example, operations research is used to optimize costs for extremely complicated systems such as airline scheduling. A major problem in business and economics is decision making under uncertainty. Efficient inventory control for large national retail chains can mean the difference between success and failure. A business will improve its bottom line if it can effectively control cost of inventory under the uncertainty of consumer demand. The solution of control problems of this type requires knowledge of relatively sophisticated mathematics and statistics as well as knowledge of basic economic principles.

There is currently a serious shortage of individuals who have sufficient training in mathematics and statistics as well as an understanding of business and economics. Companies that employ operations research analysts or actuaries cannot fill their positions. Mathematical economics and related areas have often been referred to as engineering for the service sector or “financial engineering.” With the ever increasing importance of the service sector in our economy, the math-econ degree will prove to be a valuable asset. The program will give the student an opportunity to study a fascinating collection of ideas and it will also provide the student with very marketable skills.

Bachelor of Arts with a major in MATHEMATICAL ECONOMICS

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements
See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ................. 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ................. 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ................. 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ................. 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I .... 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II .... 3

VII. Quantitative Foundations
Choose one course from approved list ................. 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list ................. 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ................. 3

X. Global Dynamics
Choose one course from approved list ................. 3

UK Core hours: ................................................... 30

Graduation Composition and Communication Requirement (GCCR)
ECO 491G Applied Econometrics .......................... 3
Graduation Composition and Communication Requirement hours (GCCR) ....................... 3

College Requirements
I. Foreign Language (placement exam recommended) ........................................ 0-14
II. Disciplinary Requirements
a. Natural Science ................................. 6
b. Social Science (completed by Major Requirements) .................................... 6
c. Humanities ........................................ 6
III. Laboratory or Field Work ................................. 1
IV. Electives .................................................... 6

College Requirement hours: .................................. 19-33

Premajor Requirements
*MA 113 Calculus I ....................................... 4
MA 114 Calculus II ....................................... 4
Premajor hours: .................................................. 8

Major Requirements
Mathematics Core Requirements
MA 213 Calculus III .................................... 4
MA 214 Calculus IV ...................................... 3
MA 320 Introductory Probability ......................... 3
MA 322 Matrix Algebra and its Applications ......... 3
Mathematics Core hours: .................................. 13

Economics Core Requirements
ECO 201 Principles of Economics I ....................... 3
ECO 202 Principles of Economics II ....................... 3
ECO 391 Economic and Business Statistics ................ 3
ECO 401 Intermediate Microeconomic Theory ......... 3
ECO 402 Intermediate Macroeconomic Theory ......... 3
Economics Core hours: ..................................... 15

Other Course Work Required for the Major
For the Mathematics Component:
Choose one of the following sequences: MA 416G and MA 417G, MA 471G and MA 472G, or STA 524 and STA 525 ................................. 6

For the Economics Component
Choose nine hours of 300+ level economics courses ....... 9

For the Statistics Component
Choose STA 291 or a higher level statistics course .... 3

Other Major hours: ........................................... 18

Electives
Choose electives to lead to the minimum total of 120 hours required for graduation ........................................... 9

Total Minimum Hours
Required for Degree ........................................ 120

*Course used towards completion of a UK Core Requirement.

Bachelor of Science with a major in MATHEMATICAL ECONOMICS

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with an ECO prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements
See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ................. 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ................. 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ................. 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ................. 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I .... 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II .... 3

VII. Quantitative Foundations
Choose one course from approved list ................. 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list ................. 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ................. 3

X. Global Dynamics
Choose one course from approved list ................. 3

UK Core hours: .................................................. 30
The mathematics option consists of courses offered by the departments of computer science, mathematics, and statistics, and is intended for those who opt for a career in mathematics. The requirements for these majors are outlined below.

### Bachelor of Arts with a major in MATHEMATICS

**120 hours (minimum)**

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

**UK Core Requirements**

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

1. Intellectual Inquiry in Arts and Creativity
   - Choose one course from approved list

2. Intellectual Inquiry in the Humanities
   - Choose one course from approved list

3. Intellectual Inquiry in the Social Sciences
   - Choose one course from approved list

4. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
   - Choose one course from approved list

5. Composition and Communication I
   - CIS/WRD 110 Composition and Communication I

6. Composition and Communication II
   - CIS/WRD 111 Composition and Communication II

7. Quantitative Foundations
   - MA 113 Calculus I

8. Statistical Inferential Reasoning
   - Choose one course from approved list

9. Community, Culture, and Citizenship in the USA
   - Choose one course from approved list

10. Global Dynamics
    - Choose one course from approved list

**UK Core hours:**

- 6

### Other Course Work Required for the Major

**For the Mathematics Component:**
- Choose one of the following sequences: MA 416G and MA 417G, MA 471G and MA 472G, or STA 524 and STA 525

**For the Economics Component:**
- Choose nine hours of 300+ level economics courses

**For the Statistics Component:**
- Choose STA 291 or a higher level statistics course

**Other Major hours:**

- 18

**Electives**

- Choose electives to lead to the minimum total of 120 hours required for graduation

**Total Minimum Hours**

**120**

*Course used towards completion of a UK Core Requirement.

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### OPTIONS

#### Option A – Mathematics

**Premajor Requirements**

* MA 113 Calculus I ......................... 4
* MA 114 Calculus II ......................... 4
* CS 115 Introduction to Computer Programming .................. 3

**Premajor hours:**

- 11

#### Major Requirements

**Major Core Requirements**

* MA 213 Calculus III ......................... 4
* MA 214 Calculus IV ......................... 4
* MA 261 Introduction to Number Theory .................. 3
* MA 322 Matrix Algebra and its Applications .................. 3

**Major Core hours:**

- 10

Other Course Work Required for the Major

**From the Major Department:**
- Choose 18 hours of 300+ level mathematics courses. One of the following sequences, or a substitute approved by the Director of Undergraduate Studies, must be included: MA 351/352, MA 361/362, MA 471G/472G, MA 481G/485G, MA/CS 416G and MA/STA 417G; at least two of the following must be included (they can also count as the sequence if appropriate): MA 351, 352, 361, 362, 471G, 472G. May not include MA 322 .................. 18

**From Outside the Major Department**
- Choose 14 hours outside Mathematics at the 300+ level. Courses are generally chosen from physics, chemistry, biology, logic, statistics, computer science, economics, and engineering. 200+ level courses used to satisfy College requirements can also be counted here .................. 14

**Other Major hours:**

- 32

#### Option B – Mathematical Sciences

**Premajor Requirements**

* MA 113 Calculus I ......................... 4
* MA 137 Calculus I with Life Science Applications .................. 4
* MA 114 Calculus II ......................... 4
* MA 138 Calculus II with Life Science Applications .................. 4
* CS 115 Introduction to Computer Programming .................. 3

**Premajor hours:**

- 11

#### Major Requirements

**Major Core Requirements**

* CS 215 Introduction to Program Design, Abstraction and Problem Solving .................. 4
* MA 213 Calculus III ......................... 4
* MA 214 Calculus IV ......................... 4
* MA/CS 320 Introductory Probability .................. 3
* MA/CS 321 Introduction to Numerical Methods .................. 3
* MA 322 Matrix Algebra and its Applications .................. 3
* STA 321 Basic Statistical Theory I .................. 3
* plus a two-semester sequence chosen from the following:
  - MA/CS 340 Applicable Algebra and
  - MA/CS 415G Combinatorics and Graph Theory
  - MA 432G Methods of Applied Mathematics I and
  - MA 433G Introduction to Complex Variables

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**MATHEMATICS**

The department offers two programs leading to the B.A. or B.S. degree. Students may major in mathematics by completing the requirements for either: Option A, Mathematics or Option B, Mathematical Sciences.

The mathematics option consists of courses offered solely by the department of mathematics and is intended for those who wish to follow a traditional mathematics career path. The mathematical sciences option consists of courses offered by the departments of computer science, mathematics, and statistics, and is intended for those who opt for a career that requires the application of mathematics. The requirements for these programs are outlined below.
MA 481G Differential Equations
and
MA 483G Introduction to Partial Differential Equations
MA/CS 416G Principles of Operations Research I
and
MA/STA 417G Principles of Operations Research II
Major Core hours: ................................................. 29

Other Course Work Required for the Major

From the Major Department:
Choose six hours of acceptable MA courses at the 300 level and above (MA 308 may not be used) ..................... 6

From Outside the Major Department
Nine hour supporting program chosen from one area outside mathematics. The Director of Undergraduate Studies must approve the supporting program. Courses in the supporting program must be at the 300 level and above. Cross-listed courses may be used for the supporting program provided they are not used to satisfy another major requirement ................................................................. 9

Other Major hours: .............................................. 15

Total Minimum Hours Required for Degree .................. 120

*Course used towards completion of a UK Core Requirement.

Bachelor of Science with a major in MATHEMATICS

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list .......................... 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ........................... 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ............................ 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ............................ 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ............. 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II ............. 3

VII. Quantitative Foundations
MA 113 Calculus I .................................................... 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list .......................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ............................ 3

X. Global Dynamics
Choose one course from approved list ........................... 3

UK Core hours: .................................................... 31

Graduation Composition and Communication Requirement (GCCR)
MA 391 Mathematics: Composition and Communication ........................ 3

Graduation Composition and Communication Requirement hours (GCCR) .......................................................... 3

College Requirements

I. Foreign Language (placement exam recommended) ............ 0-14

II. Disciplinary Requirements
a. Natural Science .................................................. 3
b. Social Science .................................................... 3
c. Humanities ......................................................... 3

III. Laboratory or Field Work ........................................ 1

IV. Electives .................................................................. 6

College Requirement hours ............................................. 16-30

OPTIONS

Option A – Mathematics

Premajor Requirements
*MA 113 Calculus I .................................................. 4
MA 114 Calculus II ................................................... 4
CS 115 Introduction to Computer Programming ................ 3
Premajor hours: ...................................................... 11

Major Requirements

Major Core Requirements
MA 213 Calculus III .................................................. 4
MA 214 Calculus IV .................................................... 4
or
MA 261 Introduction to Number Theory ......................... 3
MA 322 Matrix Algebra and its Applications ................... 3
Major Core hours: .................................................... 10

Other Course Work Required for the Major

From the Major Department:
Choose 18 hours of 300+ level mathematics courses. One of the following sequences, or a substitute approved by the Director of Undergraduate Studies, must be included: MA 351/352, MA 361/362, MA 471G/472G, MA 481G/483G, CS/MA 416G and MA/STA 417G; at least two of the following must be included (they can also count as the sequence if appropriate): MA 351, 352, 361, 362, 471G, 472G.
May not include MA 322 ............................................. 18

From Outside the Major Department
Choose 14 hours outside Mathematics at the 300+ level. Courses are generally chosen from physics, chemistry, biology, logic, statistics, computer science, economics, and engineering. 200+ level courses used to satisfy College requirements can also be counted here ................................ 14

Other Major hours: .................................................... 32

Option B – Mathematical Sciences

Premajor Requirements
*MA 113 Calculus I .................................................. 4
*MA 114 Calculus II ................................................... 4
*MA 137 Calculus I with Life Science Applications ............ 4
MA 114 Calculus II .................................................... 4
MA 138 Calculus II with Life Science Applications ............ 4
CS 115 Introduction to Computer Programming ................ 3
Premajor hours: ...................................................... 11

Major Requirements

CS 215 Introduction to Program Design, Abstraction and Problem Solving ...................................................... 4
MA 213 Calculus III ................................................... 4
MA 214 Calculus IV .................................................... 3
MA/STA 320 Introductory Probability ................................ 3
MA/CS 321 Introduction to Numerical Methods ................. 3
MA 322 Matrix Algebra and its Applications ................... 3
STA 321 Basic Statistical Theory I ................................ 3
plus a two-semester sequence chosen from the following:
MA/CS 340 Applicable Algebra ..................................... 3
MA/CS 415G Combinatorics and Graph Theory ................. 3
MA 432G Methods of Applied Mathematics I .................... 3
MA 433G Introduction to Complex Variables .................... 3
MA 481G Differential Equations ..................................... 3
MA 483G Introduction to Partial Differential Equations ....... 3
MA/CS 416G Principles of Operations Research I ............... 3
Major Core hours: .................................................... 29

Other Course Work Required for the Major

From the Major Department:
Choose six hours of acceptable MA courses at the 300 level and above (MA 308 may not be used) ..................... 6

From Outside the Major Department
Nine hour supporting program chosen from one area outside mathematics. The Director of Undergraduate Studies must approve the supporting program. Courses in the supporting program must be at the 300 level and above. Cross-listed courses may be used for the supporting program provided they are not used to satisfy another major requirement ................................................................. 9

Other Major hours: ................................................. 15

Electives
Choose electives to lead to the minimum total of 120 hours required for graduation ........................................... 0-9

Total Minimum Hours Required for Degree ................. 120

*Course used towards completion of a UK Core Requirement.

Mathematics Cooperative Education

Qualified students who major in mathematics may participate in the Mathematical Sciences Cooperative Education Program which provides the opportunity for alternate semesters of academic study and full-time employment in business or industry. Guidelines and application forms are available in the Engineering/Math Sciences Co-op Program Office, 320 Robotics Building.

Minor in Mathematics

The minor in Mathematics requires 21 hours of course work to include:

1. MA 113/114 Calculus I and II and ......................... 8
MA 213 Calculus III .................................................. 4
or equivalent

2. MA 322 Matrix Algebra and Its Applications .......... 3
or equivalent
The Army Reserve Officers’ Training Program at the University of Kentucky is open to both men and women and follows a general military science curriculum that is normally completed in four years but which may be completed in two years. An academic major in military science is not offered. The program’s primary objective is to commission the future leadership of the Active Army, Army National Guard, and U.S. Army Reserve.

Scholarships

Students interested in Army ROTC scholarships should contact the Army ROTC Admissions Officer at (859) 257-6865; or visit 101 Barker Hall on campus. Additionally, students should refer to the Student Financial Aid, Awards, and Benefits section of this Bulletin.

Academic Program

Required program courses are: AMS 101, AMS 102, AMS 211, AMS 212, AMS 301, AMS 302, AMS 341, AMS 342, an approved military history course (AMS 320), and continuous enrollment (or participation) in KHP 107 and AMS 250 or 350 once contracted in the ROTC program. Also, cadets attend a five-week Leadership Development Assessment Course, usually in the summer between the junior and senior years in Fort Knox, KY.

An alternative two-year program is available for students with at least two academic years remaining until graduation and who have not completed the AMS 100- and AMS 200-level courses. Students should contact the Professor of Military Science about the four-week summer Leadership Training Course conducted each summer at Fort Knox, Kentucky. Successful completion of the camp enables students to take AMS 300-level courses and complete the program in two years.

In certain cases, veterans or students who have completed Army basic training are also eligible to complete the program in two years. Members of the Army National Guard or U.S. Army Reserve may also directly enroll in the Leadership Development Assessment Course and participate in the Simultaneous Membership Program (SMP).

The Basic Course: (100 and 200 level) are orientational and deal with the Army’s role in the U.S. government. American military history, small unit organizations/operations, military geography/map reading and some adventure training are also addressed. No military obligation is incurred by completion of the courses.

The Advanced Course: (300 level) focus on leadership, management, and command/staff responsibilities within military organizations. All upper division Army ROTC students receive up to $500 per month tax-free subsistence pay during the academic year. During the summer, students receive about $900 while attending Camp.

Leadership Lab periods, held weekly during the academic year, and on one Saturday per semester, focus on adventure-type training (e.g., orienteering, rappelling, survival training, and basic marksmanship). These activities are offered, subject to availability of equipment and facilities, to provide an opportunity to develop leadership, organizational abilities, and confidence.

Professional development and enrichment opportunities are also available through ROTC-sponsored university organizations—the Pershing Rifles and Kentucky Rangers.

Army ROTC incorporates the dimension of leadership into the academic curriculum and provides training and experience that can be valuable in any profession.

For more information, contact the Professor of Military Science, ATTN: Admissions Officer, U.S. Army ROTC, 101 Barker Hall, University of Kentucky, Lexington, KY 40506-0028; or call (859) 257-6865. Visit the Web site at: http://armyrotc.as.uky.edu/

MODERN AND CLASSICAL LANGUAGES, LITERATURES AND CULTURES

The Department of Modern and Classical Languages, Literatures and Cultures is comprised of the Divisions of Classics, French and Italian, German Studies, and Russian and Eastern Studies (including Arabic and Islamic Studies, Chinese Studies, Hebrew/Jewish Studies, Japan Studies, Russian Studies). For information on the Arabic and Islamic studies minor and majors/minors in Chinese studies, Japan studies and Russian studies, see Russian and Eastern Studies.

CLASSICS

The Division of Classics offers a Bachelor of Arts and a Bachelor of Science degree in Classics. The division teaches a broad range of courses in the languages, literature, history, art, and thought of the Greco-Roman world, and encourages majors to take relevant courses in other departments and disciplines as part of their major. Access the division’s Web site at: mcl.as.uky.edu/classics for more information.

Bachelor of Arts with a major in CLASSICS

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list

II. Intellectual Inquiry in the Humanities
Choose one course from approved list

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list

V. Composition and Communication I
Choose one course from approved list

VI. Composition and Communication II
Choose one course from approved list

VII. Quantitative Foundations
Choose one course from approved list

VIII. Statistical Inferential Reasoning
Choose one course from approved list

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list

X. Global Dynamics
Choose one course from approved list

UK Core hours:

Graduation Composition and Communication Requirement (GCCR)

MCL 495 Modern and Classical Languages, Literatures and Cultures Capstone

Graduation Composition and Communication Requirement hours (GCCR)

College Requirements

I. Foreign Language (completed by Major Requirements)

II. Disciplinary Requirements

a. Natural Science

b. Social Science

c. Humanities (completed by Major Requirements)

III. Laboratory or Field Work

IV. Electives

College Requirement hours:
Premajor Requirements
CLA 101 and CLA 102 Elementary Latin or equivalent
OR
CLA 151 and CLA 152 Elementary Greek or equivalent ................. 8

Premajor hours: ........................................ 8

Major Requirements

Courses Within Classics
Complete study of Latin to at least the level of CLA 202 or Greek to at least the level of CLA 252 or the equivalent.
Complete 18 hours in courses at the 200 level or above with a CLA prefix or cross-listed CLA. (CLA 201/202 and CLA 251/252 contribute to this total.)

Classics Courses hours: ........................................ 18

Courses Outside of Classics
Complete 15 hours in courses appropriate to the field of study at the 200 level or above not prefixed CLA (courses cross-listed CLA also fulfill this requirement). A wide variety of courses are accepted; these are determined for each student in consultation with the Director of Undergraduate Studies.

Non-Classics Courses hours: ........................................ 15

Additional Courses (Elective)
Complete an additional 9 hours in courses at the 200 level or above either inside or outside Classics.

Additional Courses hours: ........................................ 9

Upper Level Requirement
At least 15 hours in the major must be in courses at the 300 level or above either inside or outside Classics.

Major hours: ........................................ 42

Explanation of Major Requirements
At the discretion of the student’s advisor, other courses may be substituted for the courses listed as Courses Within Classics. These courses must be either CLA courses or non-CLA courses that deal with the classical world. The acceptable non-CLA courses are normally in the areas of history, philosophy, and art history.

The Major Requirements in Classics are fully satisfied if a student has:
1. Completed the Premajor Requirement.
2. Completed either CLA 202 (Intermediate Latin) or CLA 252 (Intermediate Greek).
3. Completed 15 hours in 300+ CLA and acceptable non-CLA courses.
4. Completed 15 hours in 200+ courses outside the field of Classics that appropriately complement the Classics courses.
5. Completed 9 additional hours in 200+ courses in the area of either Classics or complementary disciplines.
6. Accumulated 24 hours in 300+ courses among the courses used to satisfy items 3, 4, and 5 above.

Electives
Choose electives to lead to the minimum total of 120 hours required for graduation ........................................ 18

Total Minimum Hours Required for Degree ........................................ 120

Bachelor of Science with a major in CLASSICS

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with a CLA prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list .................................. 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list .................................. 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list .................................. 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list .................................. 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ............... 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II ............... 3

VII. Quantitative Foundations
Choose one course from approved list .................................. 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list .................................. 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list .................................. 3

X. Global Dynamics
Choose one course from approved list .................................. 3

UK Core hours: ........................................ 30

Graduation Composition and Communication Requirement (GCCR)

MCL 495 Modern and Classical Languages, Literatures and Cultures Capstone ............................................... 3

Graduation Composition and Communication Requirement hours (GCCR) ................................................. 3

College Requirements

I. Foreign Language (completed by Major Requirements)

II. Disciplinary Requirements
   a. Natural Science ................................................. 3
   b. Social Science ................................................. 3
   c. Humanities (completed by Major Requirements)
III. Laboratory or Field Work ........................................... 1
IV. Electives ......................................................... 6

College Requirement hours: ........................................ 13

Premajor Requirements
CLA 101 and CLA 102 Elementary Latin or equivalent
OR
CLA 151 and CLA 152 Elementary Greek or equivalent ................. 8

Premajor hours: ........................................ 8

Major Requirements

Courses Within Classics
Complete study of Latin to at least the level of CLA 202 or Greek to at least the level of CLA 252 or the equivalent.
Complete 18 hours in courses at the 200 level or above with a CLA prefix or cross-listed CLA. (CLA 201/202 and CLA 251/252 contribute to this total.)

Classics Courses hours: ........................................ 18

Courses Outside of Classics
Complete 15 hours in courses appropriate to the field of study at the 200 level or above not prefixed CLA (courses cross-listed CLA also fulfill this requirement). A wide variety of courses are accepted; these are determined for each student in consultation with the Director of Undergraduate Studies.

Non-Classics Courses hours: ........................................ 15

Additional Courses (Elective)
Complete an additional 9 hours in courses at the 200 level or above either inside or outside Classics.

Additional Courses hours: ........................................ 9

Upper Level Requirement
At least 15 hours in the major must be in courses at the 300 level or above either inside or outside Classics.

Major hours: ........................................ 42

Explanation of Major Requirements
At the discretion of the student’s advisor, other courses may be substituted for the courses listed as Courses Within Classics. These courses must be either CLA courses or non-CLA courses that deal with the classical world. The acceptable non-CLA courses are normally in the areas of history, philosophy, and art history.

The Major Requirements in Classics are fully satisfied if a student has:
1. Completed the Premajor Requirement.
2. Completed either CLA 202 (Intermediate Latin) or CLA 252 (Intermediate Greek).
3. Completed 15 hours in 300+ CLA and acceptable non-CLA courses.
4. Completed 15 hours in 200+ courses outside the field of Classics that appropriately complement the Classics courses.
5. Completed 9 additional hours in 200+ courses in the area of either Classics or complementary disciplines.
6. Accumulated 24 hours in 300+ courses among the courses used to satisfy items 3, 4, and 5 above.

Electives
Choose electives to lead to the minimum total of 120 hours required for graduation ........................................ 21

Total Minimum Hours Required for Degree ........................................ 120
## Minor in Classics

The minor in Classics requires 18 credit hours of course work, at least six of which must be at the 300 level or above, earned from among the following courses:

1. Greek and Latin courses at any level.
2. Non-language courses taught by the division that are numbered 200 or higher.

All courses may be chosen from category 1, all from category 2, or the two categories may be combined in any manner, as long as students earn the requisite 18 credit hours.

## FRENCH

French and Francophone literature and culture have influenced in crucial ways the formation of European, American, African and Caribbean thought and society. The UK Bachelor of Arts and Bachelor of Science degree in French situate students at the intersection of these cultures through exploration of their diverse literary, linguistic, social and philosophical traditions. The larger mission of this major is to prepare students to live and work in a global environment in which expert knowledge of other languages and cultures have become indispensable tools for success. For more information, visit the Division of French and Italian Web site: [http://mcl.as.uky.edu/french-and-francophone-studies](http://mcl.as.uky.edu/french-and-francophone-studies)

## Bachelor of Arts with a major in FRENCH

### 120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

### UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Intellectual Inquiry in Arts and Creativity</td>
<td>3</td>
</tr>
<tr>
<td>II. Intellectual Inquiry in the Humanities</td>
<td>3</td>
</tr>
<tr>
<td>III. Intellectual Inquiry in the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences</td>
<td>3</td>
</tr>
</tbody>
</table>

### Major Requirements

- **Fifteen hours from the following courses:**
  - FR 310 French Phonetics
  - FR 311 Introduction to French Linguistics
  - FR 324 Studies in French Literature
  - FR 325 French Cinema (Subtitle required)
  - FR 344 The Literary Text (Subtitle required)
  - FR 350 Francophone Cultures (Subtitle required)
  - FR 410 French in Performance
  - FR 425 Media Studies
  - FR 470G Topical Seminar I (Subtitle required)
  - FR 471G Topical Seminar II (Subtitle required)
  - FR 495 Senior Paper
  - plus one course 200-level or above from French (including courses in English) or outside French, excluding language courses at the 100 or 200 level

### Premajor Requirements

- FR 204 Introduction to French and Francophone Studies
- FR 214 France Today
- FR 215 Visual Cultures

### UK Core hours:

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with an FR prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

### Graduation Composition and Communication Requirement (GCCR)

MCL 495 Modern and Classical Languages, Literatures and Cultures Capstone

### College Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Foreign Language (completed by Premajor Requirement)</td>
<td>6</td>
</tr>
<tr>
<td>II. Disciplinary Requirements</td>
<td>6</td>
</tr>
<tr>
<td>a. Natural Science</td>
<td>6</td>
</tr>
<tr>
<td>b. Social Science</td>
<td>6</td>
</tr>
<tr>
<td>c. Humanities (completed by Major Requirements)</td>
<td>1</td>
</tr>
<tr>
<td>III. Laboratory or Field Work</td>
<td>1</td>
</tr>
<tr>
<td>IV. Electives</td>
<td>6</td>
</tr>
</tbody>
</table>

### College Requirement hours:

19

### Premajor Requirements

FR 204 Introduction to French and Francophone Studies
FR 214 France Today
FR 215 Visual Cultures

### Premajor hours:

6

### Major hours:

28

### Other Course Work Required for the Major

From Outside the Major

- Choose minimum 14 hours outside French at the 300+ level. Courses are generally selected from the following areas: anthropology, Arabic and Islamic studies, architecture, art history, Chinese, economics, English, German, Greek, geog-

### Electives

Choose electives to lead to the minimum total of 120 hours for graduation.

### Total Minimum Hours Required for Degree

120
College Requirements

I. Foreign Language (completed by Premajor Requirement)
II. Disciplinary Requirements
   a. Natural Science ................................................. 3
   b. Social Science .................................................. 3
   c. Humanities (completed by Major Requirements)
III. Laboratory or Field Work ........................................... 1
IV. Electives ................................................................. 6
   College Requirement hours: ...................................... 13

Premajor Requirements

FR 204 Introduction to French and Francophone Studies ................. 3
FR 214 France Today or FR 215 Visual Cultures ........................................... 3
   Premajor hours: ..................................................... 6

Major Requirements

Fifteen hours from the following courses:
   FR 310 French Phonetics ........................................... 3
   FR 311 Introduction to French Linguistics ................................... 3
   FR 324 Studies in French Literature (Subtitle required) .................. 3
   FR 325 French Cinema (Subtitle required) .................................. 3
   FR 344 The Literary Text (Subtitle required) ................................ 3
   FR 350 Francophone Cultures (Subtitle required) ......................... 3
   plus:
   FR 410 French in Performance or FR 425 Media Studies .................. 3
   FR 470G Topical Seminar I (Subtitle required) ................................ 3
   FR 471G Topical Seminar II (Subtitle required) ................................ 3
   FR 495 Senior Paper .................................................. 1
   plus one course 200-level or above from French (including courses in English) or outside French, excluding language courses at the 100 or 200 level .................................................. 3
   Major hours: .................................................................. 28

Other Course Work Required for the Major

From Outside the Major
Choose minimum 14 hours outside French at the 300+ level. Courses are generally selected from the following areas: anthropology, Arabic and Islamic studies, architecture, art history, Chinese, economics, English, German, Greek, geography, history, Italian, Japanese, Latin, linguistics, music history, philosophy, political science, religious studies, Russian, sociology, Spanish, theatre, or other disciplines approved by the Director of Undergraduate Studies ...
   Other Major hours: .......................................................... 14

Electives

Choose electives to lead to the minimum total of 120 hours required for graduation .................................................. 14

Total Minimum Hours Required for Degree .................................. 120

Minor in French

The minor in French consists of a minimum of 18 hours in French language and literature courses beyond FR 202 and excluding FR 553 and literature courses in translation.
   FR 204 Introduction to French and Francophone Studies ................. 3
   FR 214 France Today or FR 215 Visual Cultures ........................................... 3
   Plus twelve hours at the 300, 400, or 500 level (excluding FR 553 and courses in translation).

GERMAN STUDIES

The primary aims of the Division of German Studies are to help students develop their German language skills and gain an understanding of the literature and culture of the German-speaking countries. Students majoring in German earn the Bachelor of Arts or Bachelor of Science degree. For more information, visit the Division of German Studies on the Web at mcl.as.uky.edu/german-studies

Bachelor of Arts with a major in GERMAN

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
   Choose one course from approved list .................................. 3
   II. Intellectual Inquiry in the Humanities
      Choose one course from approved list ................................ 3
   III. Intellectual Inquiry in the Social Sciences
      Choose one course from approved list ................................ 3
   IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
      Choose one course from approved list ................................. 3
   V. Composition and Communication I
      CIS/WRD 110 Composition and Communication I ................. 3
   VI. Composition and Communication II
      CIS/WRD 111 Composition and Communication II .................. 3
   VII. Quantitative Foundations
      Choose one course from approved list ................................ 3
   VIII. Statistical Inferential Reasoning
      Choose one course from approved list ................................ 3
   IX. Community, Culture and Citizenship in the USA
      Choose one course from approved list ................................ 3
   X. Global Dynamics
      Choose one course from approved list ................................ 3
   UK Core hours: ................................................................ 30

Graduation Composition and Communication Requirement (GCCR)

MCL 495 Modern and Classical Languages, Literatures and Cultures Capstone ........................................... 3

Graduation Composition and Communication Requirement hours (GCCR) ........................................... 3

College Requirements

I. Foreign Language (completed by Premajor Requirement)
II. Disciplinary Requirements
   a. Natural Science ....................................................... 6
   b. Social Science .......................................................... 6
   c. Humanities (completed by Major Requirements)
III. Laboratory or Field Work ................................................. 1
IV. Electives ................................................................. 6
   College Requirement hours: ...................................... 19

Premajor Requirements

GER 202 Intermediate German ........................................... 3
GER 206 Spoken Communication ......................................... 3
   Premajor hours: ......................................................... 6

Major Requirements

Major Core Requirements
   GER 207 Intermediate German Composition and Conversation I ........................................... 3
   GER 308 Intermediate German Composition and Conversation II ........................................... 3
   GER 311 Introduction to German Literature: Themes (Subtitle required) ................................ 3
   GER 312 Introduction to German Literature: Popular Forms .................................................. 3
   GER 495 German Studies Capstone ........................................... 1
   Major Core hours: ....................................................... 13

Other Course Work Required for the Major

From the Major: ............................................................ 12-15
Choose 12-15 hours of German courses to be selected from GER 310, 315, 317, 319, 352, 361, 415G, 416G, 420G and 507; upon consultation with the advisor, certain 500-level courses may be substituted for two of these; GER 415G, 416G and 420G may be repeated once.

From Outside the Major
Choose 15-18 hours outside German at the 300+ level from the following areas: anthropology, Arabic and Islamic studies, art history, Chinese, comparative literature, economics, English, French, Greek, geography, history, Italian, Japanese, Latin, linguistics, music history, philosophy, political science, religious studies, Russian, sociology, Spanish, theatre, and women’s studies. 200+ level courses used to satisfy College requirements can also be counted here ........................................... 15-18
   Other Major hours: ......................................................... 30

Electives

Choose electives to lead to the minimum total of 120 hours required for graduation .................................................. 19

Total Minimum Hours Required for Degree .................................. 120
College of Arts and Sciences

 Bachelor of Science with a major in GERMAN

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with a GER prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ......................... 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ......................... 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ......................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ......................... 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ............ 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II ............ 3

VII. Quantitative Foundations
Choose one course from approved list ......................... 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list ......................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ......................... 3

X. Global Dynamics
Choose one course from approved list ......................... 3

UK Core hours: .................................................. 30

Graduation Composition and Communication Requirement (GCCR)

MCL 495 Modern and Classical Languages, Literatures and Cultures Capstone .............................................. 3

Graduation Composition and Communication Requirement hours (GCCR) .................................................. 3

College Requirements

I. Foreign Language (completed by Premaj or Requirement)

II. Disciplinary Requirements

a. Natural Science ......................................................... 3
b. Social Science ......................................................... 3
c. Humanities (completed by Major Requirements)

III. Laboratory or Field Work ........................................... 1

IV. Electives ........................................................................... 6

College Requirement hours: ........................................... 13

Premajor Requirements

GER 202 Intermediate German ........................................ 3
GER 206 Spoken Communication .................................... 3

Premajor hours: .................................................. 6

Major Requirements

Major Core Requirements

GER 307 Intermediate German Composition and Conversation I ................................................................. 3
GER 308 Intermediate German Composition and Conversation II ............................................................... 3
GER 311 Introduction to German Literature: Themes (Subtitle required) .................................................. 3
GER 312 Introduction to German Literature: Popular Forms ................................................................. 3
GER 495 German Studies Capstone ................................ 1

Major Core hours: ................................................. 13

Other Course Work Required for the Major

From the Major: .................................................. 12-15
Choose 12-15 hours of German courses to be selected from GER 310, 315, 317, 319, 352, 415G, 416G, 420G and 507; upon consultation with the advisor, certain 500-level courses may be substituted for two of these; GER 415G, 416G and 420G may be repeated once.

From Outside the Major

Choose 15-18 hours outside German at the 200+ level from the following areas: anthropology, Arabic and Islamic studies, art history, Chinese, comparative literature, economics, English, French, Greek, geography, history, Italian, Japanese, Latin, linguistics, music, philosophy, political science, religious studies, Russian, sociology, Spanish, theatre, and women’s studies. 200+ level courses used to satisfy College requirements can also be counted here .................................................. 15-18

Other Major hours: ........................................... 30

Electives

Choose electives to lead to the minimum total of 120 hours required for graduation ......................................... 22

Total Minimum Hours Required for Degree .......................... 120

Minor in German

The minor in German Studies consists of a minimum of 18 hours of course work in German language, culture, and literature courses in addition to the proficiency level gained by completion of GER 202. This level may be documented either by completing the relevant sequence of courses or by placement exam.

Required courses include:

GER 206 Spoken Communication .................................... 3

and

Course work at the 300 level or above, including GER 307/308 .................................................. 15

Minor in Islamic Studies

The interdisciplinary minor in Islamic Studies provides the opportunity to study the culture, language, literature, religion, history and philosophy of Islam throughout the world from antiquity to the present. Students will acquire a rounded understanding of Islamic culture, the ability to interpret information and news from the Middle East and elsewhere in an independent way, with understanding of the issues from the perspective of the Muslim countries, and will be prepared to pursue careers that require a knowledge of Islamic civilization. For more information, visit: http://mcl.as.uky.edu/arabic-and-islamic-studies

The minor in Islamic Studies requires 18 hours of course work to include:

1. Minor Requirements (6 hours)
   AIS 128 Islamic Civilization I ......................................... 3
   AIS 330 Islamic Civilization II .......................................... 3

2. Minor Electives (12 hours)
   AIS 101 Elementary Modern Standard Arabic ....................... 4
   AIS 102 Elementary Modern Standard Arabic ....................... 4
   AIS 201 Intermediate Modern Standard Arabic ..................... 3
   AIS 202 Intermediate Modern Standard Arabic ..................... 3
   AIS 301 Colloquial Arabic I ............................................. 3
   AIS 302 Colloquial Arabic II ............................................ 3
   AIS 331 Classical Arabic Literature (in English) ................... 3
   AIS 338 Women and Islam ............................................. 3
   AIS 340 Fundamentalism and Reform in Islam ..................... 3
   AIS 395 Independent Work in Arabic/Islamic Studies .................. 1-3
   AIS 440 Introduction to the Quran .................................... 3
   AIS 442 Arabic Reading I .............................................. 3
   AIS 443 Arabic Reading II .............................................. 3
   AIS 435 Topics in Islamic Studies: (Subtitle required) .................. 3
   AIS 495G Advanced Independent Work in Arabic/Islamic Studies .................. 1-3
   PHI 504 Islamic and Jewish Philosophy and the Classical Tradition .................................................. 3
   HIS 548 History of the Middle East: 1453-1920 .................... 3
   HIS 549 History of the Middle East: 1952 to the Present ................. 3

Note: Other courses in the area may be elected with the approval of the chair of the department.

For further information, contact: Dr. Ihsan Bagby, iabag2@uky.edu; 1457 Patterson Office Tower 0027, 859-257-1994.
II. Disciplinary Requirements

Literatures and Cultures Capstone ........................................... 3

Communication Requirement (GCCR)
Graduation Composition and Communication I and II, or Graduation Composition and Communication II, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ................................. 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list .................................. 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ................................. 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ................................. 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ............... 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II ................. 3

VII. Quantitative Foundations
Choose one course from approved list ................................. 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list ................................. 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ................................. 3

X. Global Dynamics
Choose one course from approved list ................................. 3

UK Core hours: ................................................................ 30

Graduation Composition and Communication Requirement (GCCR)
MCL 495 Modern and Classical Languages, Literatures and Cultures Capstone ........................................... 3

Graduation Composition and Communication Requirement hours (GCCR) .................................................. 3

College Requirements

I. Foreign Language (completed by Premajor Requirement)
II. Disciplinary Requirements
   a. Natural Science ......................................................... 6
   b. Social Science ......................................................... 6
   c. Humanities (completed by Major Requirements)
III. Laboratory or Field Work ............................................... 1
IV. Electives ....................................................................... 6

College Requirement hours: ............................................... 19

Premajor Requirements

CHI 201 Intermediate Chinese I ......................................... 3
CHI 202 Intermediate Chinese II ....................................... 3

Premajor Requirement hours: .......................................... 8

Major Requirements

Chinese Language Core
CHI 301 Advanced Intermediate Chinese I ....................... 3
CHI 302 Advanced Intermediate Chinese II ...................... 3

Chinese Culture Core
CHI 330 Introduction to Chinese Culture, Pre-Modern to 1840 .......................................................... 3
CHI 331 Introduction to Chinese Culture, 1840 to Present .......................................................... 3

Major Requirement hours: ............................................. 12

Additional Courses

In addition, students must take additional credits in Chinese language, culture, literature, history, art, or other approved areas taken from MCL or other departments to lead to the total credit hours of 42. No more than 15 hours of CHI is permitted from the following. Courses beyond this list may be approved by a faculty advisor.

Chinese Language
CHI 401 Advanced Chinese I .......................................... 3
CHI 402 Advanced Chinese II ......................................... 3
CHI 511 Literary Chinese .................................................. 3
CHI 520 Introduction to Chinese Linguistics ....................... 3
CHI 310 Sounds of East Asian Languages ......................... 3

Arts, Literature, and Film
CHI 320 Gender Politics in Chinese Literature .................. 3
CHI 321 Introduction to Contemporary Chinese Film ........ 3
CHI 322 Self and Society in Chinese Culture ...................... 3

Contemporary Culture and Society
CHI 430 Popular Culture in Modern China ...................... 3
*CHI 355 Topics in Non-Western History Since 1789 ............ 3
HIS 598 China in Revolution, 1895-1976 .......................... 3

Pre-Modern Culture and Society
CHI 345 Introduction to Early Chinese Thought ................. 3
CHI 450 Daoism: East and West ....................................... 3

*Substitue of course must clearly indicate a direct focus on China.

Students may take up to 6 elective units drawn from the following list to lead to the total of 42 credits required for the major:

HIS 295 East Asia to 1800 ............................................... 3
HIS 296 East Asia Since 1600 ........................................... 3
HIS 295 East Asian History Since World War II ................ 3
A-H 319 Asian Art and Culture (Subtitle required) ............. 3
TA 584 Asian Theatre ..................................................... 3
GEO 333 Geography of East Asia ...................................... 3
MUS 330 Music in the World (Subtitle required) ................. 3
PHL 343 Asian Philosophy ............................................... 3
PS 419G The Governments and Politics of Eastern Asia .... 3

Additional Courses hours: ............................................... 30

Electives

Choose electives to lead to the minimum total of 120 hours required for graduation ........................................ 10-20

Total Minimum Hours Required for Degree ....................... 120

Minor in Chinese

The minor in Chinese is designed for students who wish to supplement degree in other fields with a strong foundation in Chinese language and culture. The minor requires 18 hours of course work to include:

Preminor Requirement

Hours

All students must complete the following preminor requirements or their equivalent:

CHI 101 Beginning Chinese I ............................................ 3
CHI 102 Beginning Chinese II .......................................... 3
CHI 201 Intermediate Chinese I ....................................... 3
CHI 202 Intermediate Chinese II ...................................... 3

Core Requirement

Students must complete a minimum of 6 credits from among the following courses in the Chinese minor:

CHI 301 Advanced Intermediate Chinese I ....................... 3
CHI 302 Advanced Intermediate Chinese II ...................... 3
CHI 330 Introduction to Chinese Culture, Pre-Modern to 1840 .......................................................... 3
CHI 331 Introduction to Chinese Culture, 1840 to Present .......................................................... 3

Elective Requirement

In addition, students must take at least 12 additional credits in Chinese language, culture, literature, history, art or other approved areas taken from the following list to lead to a total of 18 credits. Courses beyond this list may be approved by a faculty advisor. (Please note that courses on the core course list above not used to satisfy the Core Requirement may be used to satisfy the Elective Requirement.)

Chinese Language
CHI 401 Advanced Chinese I .......................................... 3
CHI 402 Advanced Chinese II ......................................... 3
CHI 511 Literary Chinese .................................................. 3
CHI 520 Introduction to Chinese Linguistics ....................... 3
CHI 310 Sounds of East Asian Languages ......................... 3

Arts, Literature, and Film
CHI 320 Gender Politics in Chinese Literature .................. 3
CHI 321 Introduction to Contemporary Chinese Film .......... 3
CHI 322 Self and Society in Chinese Culture ...................... 3

Modern Culture and Society
CHI 430 Popular Culture in Modern China ...................... 3
HIS 598 China in Revolution, 1895-1976 .......................... 3
*HIS 355 Topics in Non-Western History Since 1789 ............ 3

Pre-Modern Culture and Society
CHI 345 Introduction to Early Chinese Thought ................. 3
CHI 450 Daoism: East and West ....................................... 3

China in the East Asian Context

No more than 3 credits can be taken from this category:

HIS 295 East Asia to 1800 ............................................... 3
HIS 296 East Asia Since 1600 ........................................... 3
ANT 326 People and Cultures of Sub-Saharan Africa ......... 3
PS 419G The Governments and Politics of Eastern Asia .... 3
Bachelor of Arts with a major in JAPANESE LANGUAGE AND LITERATURE

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
   Choose one course from approved list

II. Intellectual Inquiry in the Humanities
   Choose one course from approved list

III. Intellectual Inquiry in the Social Sciences
   Choose one course from approved list

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
   Choose one course from approved list

V. Composition and Communication I
   Choose one course from approved list

VI. Composition and Communication II
   Choose one course from approved list

VII. Quantitative Foundations
   Choose one course from approved list

VIII. Statistical Inferential Reasoning
   Choose one course from approved list

IX. Community, Culture and Citizenship in the USA
   Choose one course from approved list

X. Global Dynamics
   Choose one course from approved list

UK Core hours: ................................................. 30

Graduation Composition and Communication Requirement (GCCR)
MCL 495 Modern and Classical Languages, Literatures and Cultures Capstone ........................................ 3

Graduation Composition and Communication Requirement hours (GCCR) .................................................. 3

College Requirements
I. Foreign Language (completed by Premajor Requirement)
   Choose one course from approved list

II. Disciplinary Requirements
   a. Natural Science ............................................. 6
   b. Social Science .............................................. 6
   c. Humanities (completed by Major Requirements)

III. Laboratory or Field Work ................................... 1

IV. Electives
   Choose one course from approved list
   College Requirement hours: ............................ 19

Premajor Requirements
JPN 201 Intermediate Japanese I .................................... 4
JPN 202 Intermediate Japanese II .................................. 4

Subtotal: Premajor Requirements .................................... 8

Major Requirements

A. Language Requirements
   JPN 301 Advanced Japanese I .................................. 3
   JPN 302 Advanced Japanese II .................................. 3
   JPN 401 Advanced Japanese III .................................. 3
   JPN 402 Advanced Japanese IV .................................. 3

Subtotal: Language Requirements .................................. 12

B. Interdisciplinary Core Requirements
   Choose 18 hours from:
   Arts, Literature, and Film
   JPN 420G, JPN 421G, JPN 400G, JPN 405 and A-H 310 and/or other related courses with the approval of the major advisor.

Contemporary Culture, Society, and Politics
JPN/GEO 334, JPN 430G, JPN 321 and/or other related courses with the approval of the major advisor.

Geography and Economics
JPN/GEO 491G, JPN/GEO 551 and/or other related courses with the approval of the major advisor.

Cultural History
   HIS 295, HIS 296, JPN 320 and/or other related courses with the approval of the major advisor.

Subtotal: Interdisciplinary Core hours: .............................. 18

C. From Outside the Major
   Choose 14 hours outside Japanese Language and Literature at the 300+ level from the following areas: anthropology, Arabic and Islamic studies, architecture, art history, business and economics, Chinese, classics, communication, community and leadership development, education, English, French, gender and women’s studies, geography, German studies, Hispanic studies, history, international studies, journalism, library sciences, linguistics, modern and classical languages, literatures and cultures (MCL), music, philosophy, political science, religious studies, Russian studies, sociology, theater, or other disciplines approved by the major advisor. 200+ level courses used to satisfy UK Core and College requirements can also be counted here.

Subtotal: From Outside the Major: ................................. 14

Total Course Work Required for the Major: .......................... 44

Electives
   Select free elective courses to lead to the minimum total of 120 hours required for graduation.

Subtotal: Electives .................................................. 10-20

TOTAL HOURS: .................................................. 120

Bachelor of Science with a major in JAPANESE LANGUAGE AND LITERATURE

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with an LIN prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
   Choose one course from approved list

II. Intellectual Inquiry in the Humanities
   Choose one course from approved list

III. Intellectual Inquiry in the Social Sciences
   Choose one course from approved list

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
   Choose one course from approved list

V. Composition and Communication I
   Choose one course from approved list

VI. Composition and Communication II
   Choose one course from approved list

VII. Quantitative Foundations
   Choose one course from approved list

VIII. Statistical Inferential Reasoning
   Choose one course from approved list

IX. Community, Culture and Citizenship in the USA
   Choose one course from approved list

X. Global Dynamics
   Choose one course from approved list

UK Core hours: .................................................. 30

Graduation Composition and Communication Requirement (GCCR)
MCL 495 Modern and Classical Languages, Literatures and Cultures Capstone ........................................ 3

Graduation Composition and Communication Requirement hours (GCCR) .................................................. 3

College Requirements
I. Foreign Language (completed by Premajor Requirement)
   Choose one course from approved list

II. Disciplinary Requirements
   a. Natural Science ............................................. 3
   b. Social Science .............................................. 3
   c. Humanities (completed by Major Requirements)

III. Laboratory or Field Work ................................... 1

IV. Electives
   Choose one course from approved list
   College Requirement hours: ............................ 13
This 25-hour program consists of (1) 16 hours of Japanese language courses, (2) 6 hours of Japanese cultural studies, and (3) 3 hours of elective courses on contemporary East Asian history, politics, and society.

The Japan Studies Program maintains a University of Kentucky Summer Field Station at Yatsushiro (Kyushu) on the campus of the IEC Kyushu International College for summer field research and instruction. Summer field seminars are offered at this site each year.

1. Japanese Language Courses (16 hours)
   - JPN 101 Beginning Japanese I .................................... 4
   - JPN 102 Beginning Japanese II .................................... 4
   - JPN 201 Intermediate Japanese I ................................. 4
   - JPN 202 Intermediate Japanese II ................................. 4

2. Japanese Cultural Studies (6 hours)
   - GEO/JPN 334 Environment, Society and Economy of Japan ........................................ 3
   - JPN 283 Japanese Film ......................................... 3
   - JPN 320 Introduction to Japanese Culture, Pre-Modern to 1868 .................................... 3
   - JPN 321 Introduction to Japanese Culture, Meiji (1868) to Present ................................ 3

3. Contemporary East Asian History, Politics, and Society (3 hours)
   - HIS 295 East Asia to 1800 ....................................... 3
   - HIS 296 East Asia Since 1600 ..................................... 3
   - HIS 597 Westerners in East Asia, 1839 to the Present ......................... 3
   - ANT 326 Peoples of East Asia ................................ 3
   - PS 419G The Governments and Politics of Eastern Asia ...................... 3
   - GEO 333 Geography of East Asia ................................ 3
   - COM 525 Advanced Japanese: Organizational Communication (Subtitle required) 3
   - JPN 395 Independent Work in Japanese ......................... 1-6
   - JPN 405 Seminar in Japanese and Asian Studies (Subtitle required) .................. 3
   - JPN 421G Contemporary Literary and Visual Arts of Japan ..................... 3
   - GEO/JPN 491G Japanese Landscapes ............................. 3
   - JPN 520 Japanese Linguistics and Society .......................... 3
   - GEO/JPN 551 Japanese Multinational Corporations ......................... 3

For further information, contact Professor Masamichi Inoue, Director, Japan Studies Program, (859) 257-7024 or (859) 257-3761; e-mail: msinoue@uky.edu.

Bachelor of Arts with a major in RUSSIAN STUDIES

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
   - Choose one course from approved list ................................... 3

II. Intellectual Inquiry in the Humanities
   - Choose one course from approved list ................................... 3

III. Intellectual Inquiry in the Social Sciences
   - Choose one course from approved list ................................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
   - Choose one course from approved list ................................... 3

V. Composition and Communication
   - CIS/WRD 110 Composition and Communication I ..................... 3

VI. Composition and Communication
   - CIS/WRD 111 Composition and Communication II .................. 3

VII. Quantitative Foundations
   - Choose one course from approved list ................................... 3

VIII. Statistical Inference
   - Choose one from approved list ........................................ 3

IX. Community, Culture and Citizenship in the USA
   - Choose one course from approved list ................................... 3

X. Global Dynamics
   - Choose one course from approved list ................................... 3

UK Core hours: ........................................ 30

Graduation Composition and Communication Requirement (GCCR)

MCL 495 Modern and Classical Languages, Literatures and Cultures Capstone .................. 3

Graduation Composition and Communication Requirement hours (GCCR) .................. 3

College Requirements

I. Foreign Language (completed by Premajor Requirement)

II. Disciplinary Requirements
   a. Natural Science .................................................. 6
   b. Social Science (partially completed by Major Requirement) ........................................... 3
   c. Humanities (completed by Major Requirements) .................................................. 3

III. Laboratory or Field Work ........................................ 1

IV. Electives ....................................................... 6

College Requirement hours: ........................................ 16

Premajor Requirements

RUS 202 Intermediate Russian ........................................ 4
R* RUS 270 Russian Culture 900-1900 or
RUS 271 Russian Culture 1900-Present .................................. 3

Premajor hours: ........................................ 7

Major Core Requirements

HIS 385 History of Russia to 1825 .................................. 3
HIS 386 History of Russia Since 1825 .................................. 3
RUS 380 Nineteenth Century Russian Literature (in English) .................. 3
RUS 381 Russian Literature 1900-Prent .................................. 3
RUS 301 Conversation and Composition I .................................. 3
RUS 302 Advanced Intermediate Russian II .................................. 3
RUS 401 Advanced Russian I ........................................... 3
RUS 404 Advanced Russian II ........................................... 3
RUS 499 Russian Studies Capstone Seminar (Subtitle required) .................................. 3

Major Core hours: ........................................ 27

Minor in Japan Studies

The minor in Japan Studies complements existing majors and prepares students with the skills that are required to work with Japan given its integral place in international business. Students will also become well-versed in the culture and geography of Japan, its history, arts, and environment. This background will prepare students for Japan-related careers in the United States and abroad.
Other Course Work Required for the Major

From the Major Program:

Related Electives .......................................................... 6
Choose from RUS 370*, RUS 375, RUS 395, RUS 400G,
RUS 460G, RUS 463, RUS 495G, RUS 501, RUS 502, RUS
520, RUS 530

From Outside the Major Program .................................. 9
Choose 9 hours at the 300+ level related to Russian Studies,
but not from the major program (RUS).

Other Major hours: .......................................................... 15

Electives

Choose electives to lead to the minimum total of 120 hours
required for graduation ................................................... 23

Total Minimum Hours
Required for Degree .................................................... 120

*Course used towards completion of a UK Core Require-
ment.

Bachelor of Science with a major in
RUSSIAN STUDIES

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60
hours in natural, physical, mathematical, and computer science. Please note: courses with RUS
and HIS prefixes are generally not accepted towards fulfilling this 60-hour requirement. Therefore,
be sure to keep this requirement in mind as you choose your course work for the requirements in
the major. See the complete description of Col-
lege requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete
UK Core requirements. The courses listed below are (a)
recommended by the college, or (b) required courses that also
fulfill UK Core requirements. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list .......................... 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list .......................... 3

III. Intellectual Inquiry in the Social Sciences

Choose one course from approved list .......................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list .......................... 3

V. Composition and Communication I

CIS/WRD 110 Composition and Communication I .......... 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II .......... 3

VII. Quantitative Foundations

Choose one course from approved list .......................... 3

VIII. Statistical Inferential Reasoning

Choose one course from approved list .......................... 3

IX. Community, Culture and Citizenship in the USA

Choose one course from approved list .......................... 3

X. Global Dynamics

Choose one course from approved list .......................... 3

UK Core hours: .......................................................... 30

Graduation Composition and Communication Requirement (GCCR)

MCL 495 Modern and Classical Languages, Literatures and Cultures Capstone .......... 3

Graduation Composition and Communication Requirement hours (GCCR) .................. 3

College Requirements

I. Foreign Language (completed by Premajor
Requirement)

II. Disciplinary Requirements

a. Social Science (completed by Major Requirement)

b. Humanities (completed by Major Requirement)

III. Laboratory or Field Work ........................................... 1

IV. Electives ............................................................. 6

College Requirement hours: ........................................... 10

Premajor Requirements

RUS 202 Intermediate Russian ...................................... 3

*RUS 270 Russian Culture 900-1900 or
RUS 271 Russian Culture 1900-Present ......................... 3

Premajor hours: .......................................................... 7

Major Core Requirements

HIS 385 History of Russia to 1825 ...................................... 3

HIS 386 History of Russia Since 1825 ............................... 3

RUS 380 Nineteenth Century Russian Literature
(in English) ................................................................. 3

RUS 381 Russian Literature 1900-Present
(in English) ................................................................. 3

RUS 301 Conversation and Composition I ....................... 3

RUS 302 Advanced Intermediate Russian II ................. 3

RUS 401 Advanced Russian I ......................................... 3

RUS 404 Advanced Russian II ....................................... 3

RUS 499 Russian Studies Capstone Seminar
(Subtitle required) ..................................................... 3

Major Core hours: .......................................................... 27

Other Course Work Required for the Major

From the Major Program:

Related Electives .......................................................... 6
Choose from RUS 370*, RUS 375, RUS 395, RUS 400G,
RUS 460G, RUS 463, RUS 495G, RUS 501, RUS 502, RUS
520, RUS 530

From Outside the Major Program .................................. 9
Choose 9 hours at the 300+ level related to Russian Studies,
but not from the major program (RUS).

Other Major hours: .......................................................... 15

Electives

Choose electives to lead to the minimum total of 120 hours
required for graduation ................................................... 26

Total Minimum Hours
Required for Degree .................................................... 120

*Course used towards completion of a UK Core Require-
ment.

Minor in Russian

The minor in Russian consists of a minimum of
18 hours of course work beyond second-year
proficiency in Russian language (RUS 202) dis-
tributed as follows:

1. 6 hours of Russian language courses at the 300 level or
above

2. 12 hours of additional course work in designated
Russian area studies courses, of which at least 9 hours
must be in RUS courses.

Note: RUS 395, Independent Work in Russian, may not be
used for the minor.

Minor in Folklore and Mythology

The minor in Folklore and Mythology requires a
minimum of 18 hours of course work (plus 6
preminor) to include:

1. Minor Prerequisites

CLA 100 Ancient Stories in Modern Films
or
CLA 135 Greek and Roman Mythology ......................... 3
GER 103 Fairy Tales in European Context ..................... 3

2. Minor Requirements

CLA 331 Gender and Sexuality in Antiquity
or
CLA 382 Greek and Roman Religion ............................. 3
FR 263 African and Caribbean Literature and Culture
of French Expression in Translation
(Subtitle required) ......................................................... 3
GER 363 Germanic Mythology ....................................... 3
MCL 270 Introduction to Folklore
and Mythology .......................................................... 3
RUS 370 Russian Folklore (in English) ........................... 3

3. Minor Electives

Three hours in elective courses in a variety of disciplines
taken from a list provided by the advisor.

Students in this minor must satisfy the current A&S Language
Requirement, regardless of their college. The minor is not
restricted to A&S majors.

For more information, visit:
mcl.as.uky.edu/folklore-mythology

PHILOSOPHY

Philosophy encourages critical and systematic
inquiry into fundamental questions of right and
wrong, truth and falsehood, the meaning of life,
and the nature of reality, knowledge, and society.
More than any other discipline, philosophy ex-
ploring the core issues of the Western intellectual
tradition. With its emphasis on reason and argu-
mentation, a philosophy major is an excellent
preparation for a career in law or business.
Bachelor of Arts with a major in PHILOSOPHY

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II 3

VII. Quantitative Foundations
Choose one course from approved list 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list 3

X. Global Dynamics
Choose one course from approved list 3

UK Core hours: 30

Graduation Composition and Communication Requirement (GCCR)

PHI 350 Metaphysics and Epistemology 3

Graduation Composition and Communication Requirement hours (GCCR) 3

College Requirements

I. Foreign Language (placement exam recommended)* 0-14

II. Disciplinary Requirements
a. Natural Science 6
b. Social Science 6
c. Humanities (completed by Major Requirements) 6

III. Laboratory or Field Work 1

IV. Electives 6

College Requirement hours: 19-33

Premajor Requirements

PHI 260 History of Philosophy I: from Greek Beginnings to the Middle Ages 3
PHI 270 History of Philosophy II: from the Renaissance to the Present Era 3

Premajor hours: 6

Major Requirements

Major Core Requirements
PHI 320 Symbolic Logic I 3

PHI 330 Ethics
or
*PHI 335 The Individual and Society 3

PHI 350 Metaphysics and Epistemology 3

Major Core hours: 9

Other Course Work Required for the Major

From the Major Department:
Choose 15 hours of PHI 500+ level courses with at least one course from each group below 15

Group A: PHI 503, 504, 506, 509, 513, 514, 515, 516, 517

Group B: PHI 519, 530, 531, 535, 537, 540, 545, 592

Group C: PHI 520, 550, 560, 561, 562, 565, 570, 575

Choose 3 hours from any of the group courses listed above or the following: PHI 500, 503, 505, 517, 530, 531, 533, 332, 334, 335, 336, 337, 340, 343*, 361, 380, 395, 500 3

From Outside the Major Department:
Choose 18 hours at the 200+ level; up to 4 hours may come from Philosophy courses 18

Other Major hours: 36

Electives

Choose electives to lead to the minimum total of 120 hours required for graduation 9

Total Minimum Hours Required for Degree 120

*Course used towards completion of a UK Core Requirement.

*French or German is highly recommended to complete the College foreign language requirements. Greek is recommended if the student plans to concentrate on ancient philosophy. Latin is recommended if the student plans to concentrate on medieval philosophy.

Bachelor of Science with a major in PHILOSOPHY

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with a PHI prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II 3

VII. Quantitative Foundations
Choose one course from approved list 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list 3

X. Global Dynamics
Choose one course from approved list 3

UK Core hours: 30

Graduation Composition and Communication Requirement (GCCR)

PHI 350 Metaphysics and Epistemology 3

Graduation Composition and Communication Requirement hours (GCCR) 3

College Requirements

I. Foreign Language (placement exam recommended)* 0-14

II. Disciplinary Requirements
a. Natural Science 3
b. Social Science 3
c. Humanities (completed by Major Requirements) 3

III. Laboratory or Field Work 1

IV. Electives 6

College Requirement hours: 13-27

Premajor Requirements

PHI 260 History of Philosophy I: from Greek Beginnings to the Middle Ages 3
PHI 270 History of Philosophy II: from the Renaissance to the Present Era 3

Premajor hours: 6

Major Requirements

Major Core Requirements
PHI 320 Symbolic Logic I 3

PHI 330 Ethics
or
*PHI 335 The Individual and Society 3

PHI 350 Metaphysics and Epistemology 3

Major Core hours: 9

Other Course Work Required for the Major

From the Major Department:
Choose 15 hours of PHI 500+ level courses with at least one course from each group below 15

Group A: PHI 503, 504, 506, 509, 513, 514, 515, 516, 517

Group B: PHI 519, 530, 531, 535, 537, 540, 545, 592

Group C: PHI 520, 550, 560, 561, 562, 565, 570, 575

Choose 3 hours from any of the group courses listed above or the following: PHI 500, 503, 505, 517, 530, 531, 533, 332, 334, 335, 336, 337, 340, 343*, 361, 380, 395, 500 3

From Outside the Major Department:
Choose 18 hours at the 200+ level; up to 4 hours may come from Philosophy courses 18

Other Major hours: 36
**College of Arts and Sciences**

**Electives**
Choose electives to lead to the minimum total of 120 hours required for graduation ............................................ 9

**Minor in Philosophy**

The minor in Philosophy requires a minimum of 18 hours of course work to include:

- a. No more than two 100-level courses
- b. At least one course in logic (PHI 120, PHI 320, or PHI 520)
- c. At least one course in the history of philosophy (PHI 260, PHI 270, or any course from Group A of the undergraduate curriculum)
- d. At least three courses (nine hours) at the 300 level or above, excluding PHI 320 and PHI 399.

**PHYSICS AND ASTRONOMY**

The Department of Physics and Astronomy helps many students acquire a general understanding and appreciation of physics and astronomy. In the liberal arts tradition, the undergraduate curriculum is complete and flexible enough to allow a graduate with a major in physics to pursue a variety of careers. Many of our graduates continue their studies with graduate work in physics or other areas.

For the student interested in combining the study of physics with studies in other areas, the department can assist in the planning of an individual curriculum which meets both the minimum requirements of the Physics program and the student’s needs and interests. Such planning is of particular value to students intending to pursue careers in engineering, computer science, applied physics, medicine, radiation medicine, biophysics, law, meteorology, oceanography, geophysics, environmental sciences, management, or the teaching of physics and/or physical science at the junior and senior high school levels. By working closely with an advisor, the student with special interests can take advantage of opportunities to take several other courses from one or more departments outside physics, or double major in physics and another area. For a description of suggested curricula, visit our Web site at: www.pa.uky.edu/undergrad/curricula.html

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**Bachelor of Arts with a major in PHYSICS**

**120 hours (minimum)**
Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for the Bachelor of Arts degree on page 126.

**UK Core Requirements**
See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
   Choose one course from approved list ........................ 3

II. Intellectual Inquiry in the Humanities
    Choose one course from approved list ....................... 3

III. Intellectual Inquiry in the Social Sciences
     Choose one course from approved list ...................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
     Choose one course from approved list .................... 3

V. Composition and Communication I
   CIS/WRD 110 Composition and Communication I ......... 3

VI. Composition and Communication II
    CIS/WRD 111 Composition and Communication II ....... 3

VII. Quantitative Foundations
     Choose one course from approved list ..................... 3

VIII. Statistical Inferential Reasoning
      Choose one course from approved list .................... 3

IX. Community, Culture and Citizenship in the USA
    Choose one course from approved list ..................... 3

X. Global Dynamics
    Choose one course from approved list ..................... 3

UK Core hours: .................................................. 30

**Graduation Composition and Communication Requirement (GCCR)**
PHY 435 Intermediate Physics Laboratory .................... 3

**Graduation Composition and Communication Requirement hours (GCCR)** .................................................. 3

**College Requirements**

I. Foreign Language (placement exam recommended) 0-14
   - a. Natural Science (completed by Premajor Requirements)
   - b. Social Science .............................................. 6
   - c. Humanities ................................................. 6
   - III. Laboratory or Field Work (completed by Premajor Requirement)
   - IV. Electives .................................................... 6

**College Requirement hours: ...................... 18-32**

**Premajor Requirements**

*PHY 231/232/241/242 General University Physics and Laboratory ............................. 10
   or with permission of the Director of Undergraduate Studies:
   *PHY 211/213 General Physics ............................... (10)
   PHY 228 Optics, Relativity and Thermal Physics .......... 3
   CHE 105 General College Chemistry I ................... 4
   CHE 107 General College Chemistry II .................. 3
   *MA 113 Calculus I ............................................ 4
   MA 114 Calculus II ........................................... 4

Premajor hours: ........................................... 28

**Major Requirements**

**Major Core Requirements**

- PHY 306 Theoretical Methods of Physics ................. 3
- PHY 335 Data Analysis for Physicists ..................... 1
- PHY 361 Principles of Modern Physics .................... 3
- Any 3-hour 300-level PHY course .......................... 3
- Any 3-hour 400-level PHY course .......................... 3
- PHY 435 Intermediate Physics Laboratory ............... 3
- MA 213 Calculus III ......................................... 4

**Major Core hours:** ........................................ 20

**Other Course Work Required for the Major**

From Outside the Major Department
Choose 13-16 hours outside Physics at the 300+ level. Courses are generally chosen from biology, chemistry, computer science, education, engineering, mathematics, philosophy, or statistics. 200+ level courses used to satisfy College requirements can also be counted here .......................... 13-16

**Other Major hours:** ........................................ 13-16

**Total Minimum Hours Required for Degree** .................. 121

*Course used towards completion of a UK Core Requirement.

**Suggested Curriculum for B.A. in Physics**

As you plan your physics studies, please note that upper division physics courses, PHY 3XX and all higher numbered courses, are offered once per year in the semester indicated on the suggested curricula. For example, PHY 306 and PHY 361 are offered in the spring semester only. This suggested curriculum minimally meets the requirements for the B.A. in Physics.

**Freshman Year**

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA 113 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>CIS/WRD 110 Composition and Communication I</td>
<td>3</td>
</tr>
<tr>
<td>UK Core</td>
<td>3</td>
</tr>
<tr>
<td>UK Core</td>
<td>3</td>
</tr>
</tbody>
</table>

**Second Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA 114 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHY 231 General University Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHY 241 General University Physics Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>UK Core</td>
<td>3</td>
</tr>
<tr>
<td>UK Core</td>
<td>3</td>
</tr>
</tbody>
</table>

**Sophomore Year**

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*MA 213 Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>PHY 232 General University Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHY 242 General University Physics Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td>*CS 115 Introduction to Computer Programming</td>
<td>3</td>
</tr>
<tr>
<td>Major Related Electives</td>
<td>3</td>
</tr>
</tbody>
</table>
Second Semester
*MA 214 Calculus IV
or
Major Related Electives ........................................... 3
PHY 306 Theoretical Methods of Physics .................. 3
PHY 228 Optics, Relativity and Thermal Physics .......... 3
Foreign Language ..................................................... 4
Electives ...................................................................... 3

Junior Year
First Semester Hours
CHE 105 General College Chemistry I ..................... 4
PHY 335 Data Analysis for Physicists ....................... 4
Foreign Language ..................................................... 3
*MA 322 Matrix Algebra and Its Applications
or
Major Related Electives ........................................... 3
PHI 300+ ..................................................................... 3
Electives ...................................................................... 3

Second Semester
CHE 107 General College Chemistry II .................. 3
PHY 361 Principles of Modern Physics .................... 3
Foreign Language ..................................................... 3
**Social Sciences 300+ .............................................. 3
Major Related Electives ........................................... 3

Senior Year
First Semester Hours
PHY 3XX ................................................................. 3
PHY 4XX ................................................................. 3
**Social Sciences 300+ .............................................. 3
Major Related Electives ........................................... 3
Electives ...................................................................... 3

Second Semester
PHY 435 Intermediate Physics Laboratory ................ 3
PHY 3XX (suggested) .................................................. 3
Electives ...................................................................... 5

* A total of 14 credit hours in math, computer science, chemistry, engineering or other areas related to physics but outside the department must be completed to satisfy the college requirement. A total of 42 hours in physics and related areas must be taken to satisfy the major requirement.

**The Bachelor of Arts requires the completion of six hours in humanities and social sciences as a college requirement. It also requires the completion of 39 hours at or above the 300 level.

Bachelor of Science with a major in PHYSICS

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list ....................... 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list ....................... 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list ....................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list ....................... 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I .... 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II .... 3

VII. Quantitative Foundations
Choose one course from approved list ....................... 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list ....................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list ....................... 3

X. Global Dynamics
Choose one course from approved list ....................... 3

UK Core hours: ..................................................... 30

Graduation Composition and Communication Requirement (GCCR)
PHY 535 Advanced Physics Laboratory ...................... 3

Graduation Composition and Communication Requirement hours (GCCR) ....................... 3

College Requirements

I. Foreign Language (placement exam recommended) 0-14

II. Disciplinary Requirements
   a. Natural Science (completed by Premajor Requirements)
   b. Social Science .................................................... 3
   c. Humanities ......................................................... 3

III. Laboratory or Field Work (completed by Premajor Requirement)
Electives ...................................................................... 6

College Requirement hours: ................................. 12-26

Premajor Requirements
*PHY 231/232 or 241/242 General University Physics
and Laboratory ......................................................... 10
or with permission of the Director of Undergraduate Studies:
*PHY 211/213 General Physics ................................. (10)
PHY 228 Optics, Relativity and Thermal Physics .......... 3
CHE 105 General College Chemistry I ..................... 4
CHE 107 General College Chemistry II .................... 3
*MA 113 Calculus I ................................................... 4
MA 114 Calculus II ................................................... 4

Premajor hours: ..................................................... 28

Major Requirements

Major Core Requirements
PHY 306 Theoretical Methods of Physics ................ 3
PHY 335 Data Analysis for Physicists ...................... 1
PHY 361 Principles of Modern Physics ...................... 3
PHY 404G Mechanics .................................................. 3
PHY 416G/417G Electricity and Magnetism ............... 6
PHY 520 Introduction to Quantum Mechanics I .......... 3
PHY 521 Introduction to Quantum Mechanics II ......... 3
PHY 535 Advanced Physics Laboratory .................... 3
MA 213 Calculus III ................................................... 4
MA 214 Calculus IV ................................................... 4

plus two different courses from the following:
AST/PHY 395 Independent Work in Astronomy/Physics .................................................. 3
PHY 402G Electronic Instrumentation and Measurements .................................................. 3
PHY 435 Intermediate Physics Laboratory ................. 3
PHY 508 Computational Physics ................................ 3

Major Core hours: .................................................. 38

Other Course Work Required for the Major

From Outside the Major Department
Choose 6 hours outside Physics at the 200+ level. Courses are generally chosen from biology, chemistry, computer science, education, engineering, mathematics, philosophy, or statistics. 200+ level courses used to satisfy College requirements can also be counted here ........................................... 6

Other Major hours: .................................................. 6

Total Minimum Hours
Required for Degree .................................................. 120

*Suggested curriculum for B.S. in Physics

(NOTE: Students who have completed calculus or chemistry should visit our Web site at: www.pa.uky.edu/undergrad/curricula.html for suggested curriculum.)

As you plan your physics studies, please note that upper division physics courses, PHY 3XX and all higher numbered courses, are offered once per year in the semester indicated on the suggested curricula. For example, PHY 306 and PHY 361 are offered in the spring semester only. This suggested curriculum minimally meets the requirements for the B.S. in Physics.

Freshman Year

First Semester Hours
MA 113 Calculus I ................................................... 4
PHY 231 General University Physics ....................... 4
PHY 241 General University Physics Laboratory ...... 1
CHE 105 General College Chemistry I .................... 4
CIS/WRD 110 Composition and Communication I .... 3

Second Semester
MA 114 Calculus II ................................................... 4
PHY 228 Optics, Relativity and Thermal Physics .......... 3
CHE 107 General College Chemistry II .................... 3
*CS 115 Introduction to Computer Programming or
Major Related Electives ........................................... 3
CIS/WRD 111 Composition and Communication II .... 3

Sophomore Year

First Semester Hours
MA 213 Calculus III ................................................... 4
PHY 232 General University Physics ....................... 4
PHY 242 General University Physics Laboratory ...... 1
PHY 335 Data Analysis for Physicists ...................... 1
Foreign Language ..................................................... 4

Second Semester
MA 214 Calculus IV ................................................... 3
PHY 306 Theoretical Methods of Physics ................ 3
PHY 361 Principles of Modern Physics ...................... 3
Foreign Language ..................................................... 4
UK Core ................................................................. 3

Junior Year

First Semester Hours
PHY 404G Mechanics .................................................. 3
PHY 416G Electricity and Magnetism ....................... 3
UK Core ................................................................. 3
Foreign Language ..................................................... 3
*MA 322 Matrix Algebra and Its Applications or
Major Related Electives ........................................... 3
Astronomy Concentration

For students with an interest in astronomy, the Department offers the B.S. degree in physics with a concentration in astronomy. Among the Major Requirements, AST/PHY 591 Astrophysics I – Stars and AST/PHY 592, Astrophysics II – Galaxies and Interstellar Material are strongly recommended as courses within the area of concentration. AST 395, Independent Work in Astronomy, may be substituted for one of the laboratory courses of Requirement Three, subject to the work being done in astronomy and astrophysics. Students are encouraged, though not required, to enroll in AST 191, The Solar System, and AST 192, Stars, Galaxies and the Universe.

POLITICAL SCIENCE

The undergraduate program in Political Science allows students to pursue course work in four disciplinary fields:

- American Politics – define the American political system, including the high-demand subfield of judicial politics and legal studies; study of the institutions, behavioral patterns, and public policies that define the American political system;
- Comparative Politics – study of the institutions, policies, and mass behaviors observed in political systems outside the United States, usually explored through comparison within or across regions of the world;
- International Relations – study of the international system as a whole, as well as of the actors (such as nation-states, corporations, and international organizations) who participate in shaping diplomatic, military, and economic outcomes within that system; and
- Theory/Methodology – study of the values, concepts, and analytical methods that shape how people evaluate political life.

Degree recipients take introductory course work in each of these four areas, then pursue advanced studies in one or more of the fields as determined by their interests and/or career goals.

In addition to conveying information about politics and government – necessary background for pursuing graduate work in political science and related fields – Political Science courses at UK are designed to provide students with a broad liberal arts education. Graduates leave the program having cultivated their analytical abilities and having exercised their written and spoken communication skills. Such disciplinary training leads to a wide variety of careers, many of which have no direct political or governmental connection, but is particularly helpful in preparing students for careers such as law, policy analysis, governmental administration, diplomatic service, journalism, lobbying, and other sorts of political activity.

Currently the department offers two degree: a Bachelor of Arts and a Bachelor of Science. Most majors choose to pursue the B.A. The primary difference is that B.A. students must complete a minimum of 39 hours at the 300+ level, a requirement that students can fulfill using courses already needed for the major. Earning the B.S. degree, on the other hand, requires completing a minimum of 60 hours in natural, physical, mathematical, and computer sciences. Little of that course work fulfills other degree requirements.

Bachelor of Arts with a major in POLITICAL SCIENCE

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list

II. Intellectual Inquiry in the Social Sciences
Choose one course from approved list

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II

VII. Quantitative Foundations
Choose one course from approved list

VIII. Statistical Inferential Reasoning
Choose one course from approved list

IX. Community, Culture and Citizenship in the USA
PS 235 World Politics

X. Global Dynamics
PS 210 Introduction to Comparative Politics

UK Core hours

Graduation Composition and Communication Requirement (GCCR)

After attaining sophomore status, students must complete the Graduation Composition and Communication Requirement. Please see your academic advisor for courses that meet this requirement.

College Requirements

I. Foreign Language (placement exam recommended)

II. Disciplinary Requirements
a. Natural Science
b. Social Science (completed by Premajor Requirements)
c. Humanities (choose 300+ level courses)

III. Laboratory or Field Work (completed by PS 372)

IV. Electives

College Requirement hours

University of Kentucky

2014-2015 Undergraduate Bulletin
**Premajor/Introductory Requirements**

**Field One – American Politics**
PS 101 American Government ........................................ 3

**Field Two – Comparative Politics**
PS 210 Introduction to Comparative Politics ................. 3

**Field Three – International Relations**
*PS 235 World Politics ............................................................. 3

**Field Four – Theory/Methodology**
PS 240 Introduction to Political Theory or
or PS 372 Introduction to Political Analysis ........................ 3

Premajor/Intro hours: .................................................. 12

**Major/Core Requirements**

After being introduced to each undergraduate field, Political Science majors must take an additional 39 hours of course work that combines both (1) courses within the discipline and (2) courses covering topics related to the discipline but offered by other programs. These 39 hours, of which 24 must be at the 300+ level, are divided as follows.

**Disciplinary Courses**

Students must take 18 additional credit hours of political science coursework, of which at least 15 hours must be at the 300+ level. Note that PS 399 may not be counted toward this requirement. Eligible courses span all four undergraduate fields:

**Field One – American Politics**

General American Politics Courses

Courses on American Law and Courts

**Field Two – Comparative Politics**


**Field Three – International Relations**

**Field Four – Theory/Methodology**
PS 240 or 372, 441G, 442G, 545, 572

Note: PS 391, 395, 490, and 492 also meet this disciplinary requirement, although the fields will vary depending on the topic.

**Other Courses**

Choose six hours of PS courses (including 1-6 hours of PS 399) or approved courses from outside political science (see list below) .................................................. 6

**From Outside the Major Department**

Choose 15 hours outside political science from the list below.
You must take at least 6 hours from one department and 6 hours from another department. Special topics courses and other offerings related to the concentration may be substituted, subject to the approval of the Director of Undergraduate Studies ............................................ 15

AAS 200, 420 (also acceptable are AAS courses cross-listed with courses eligible to serve as Major Requirements)

ACC 407

AEC 324, 471, 479, 510, 532

AIS 328, 330

AN 300

ANT = 220, 221, 324, 326, 327, 340, 375, 401, 433, 435, 532, 534

APP 200

BSC = all 200+ level courses

COM 249, 449, 453

ECO = all 200+ level courses

EDC 326, 346

EDL 401

EPE = all 200+ level courses

FAM 509, 544, 563

FIN 423

FR 350, 550

GEO = 222, 240, 260, all 300+ level courses

GER 264, 317, 319

GWS 200, 350

HIS = all 200+ level courses

HJS 324, 325

HON = all 200+ level courses (except independent work)

HSM 354

JOU 204, 531, 535

JPN 320, 321, 334, 451G, 461G

LAS 201

MAS 310, 319, 453, 520

MGT 340, 341

MKT 310, 340, 450

NRE = all 300+ level courses

PHI = all 200+ level courses

PSY = all 200+ level courses

RSL 270, 271

SOC = all 200+ level courses

SPA 312, 314

ST 500

STA = all 200+ level courses

SW 222, 320, 430, 505, 523, 571

WRD 204

Major/Core hours: .................................................. 39

Electives

Choose electives to lead to the minimum total of 120 hours required for graduation.

**Total Minimum Hours Required for Degree** .......................... 120

*Course used towards completion of a UK Core Requirement.

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**Bachelor of Science with a major in POLITICAL SCIENCE**

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with a PS prefix are not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

**UK Core Requirements**

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list ............................. 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list ............................. 3

III. Intellectual Inquiry in the Social Sciences

PS 235 World Politics ..................................................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list ............................. 3

V. Composition and Communication I

CIS/WRD 110 Composition and Communication I ................................. 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II ............................. 3

VII. Quantitative Foundations

Choose one course from approved list ............................. 3

VIII. Statistical Inferential Reasoning

Choose one course from approved list ............................. 3

IX. Community, Culture and Citizenship in the USA

PS 101 American Government ........................................... 3

X. Global Dynamics

PS 210 Introduction to Comparative Politics .......................... 3

UK Core hours: .................................................. 30

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**Graduation Composition and Communication Requirement (GCCR)**

After attaining sophomore status, students must complete the Graduation Composition and Communication Requirement. Please see your academic advisor for courses that meet this requirement.

**College Requirements**

I. Foreign Language (placement exam recommended) .................................................. 0-14

II. Disciplinary Requirements

a. Natural Science ..................................................... 3

b. Social Science (completed by Premajor Requirements) .................................................. 3

c. Humanities ..................................................... 3

III. Laboratory or Field Work (completed by PS 372) .................................................. 3

IV. Electives ..................................................... 6

---

**College Requirement hours: .................................. 12-26

**Premajor/Introductory Requirements**

**Field One – American Politics**
PS 101 American Government ........................................... 3

**Field Two – Comparative Politics**
PS 210 Introduction to Comparative Politics ................. 3

**Field Three – International Relations**
*PS 235 World Politics ..................................................... 3

**Field Four – Theory/Methodology**
PS 240 Introduction to Political Theory or
or PS 372 Introduction to Political Analysis .................................. 3

Premajor/Intro hours: .................................................. 12

---

**Major/Core Requirements**

After being introduced to each undergraduate field, Political Science majors must take an additional 39 hours of course work that combines both (1) courses within the discipline and (2) courses covering topics related to the discipline but offered by other programs. These 39 hours, of which 24 must be at the 300+ level, are divided as follows.

**Disciplinary Courses**

Students must take 18 additional credit hours of political science coursework, of which at least 15 hours must be at the 300+ level. Note that PS 399 may not be counted toward this requirement. Eligible courses span all four undergraduate fields:

**Field One – American Politics**

General American Politics Courses

Courses on American Law and Courts

**Field Two – Comparative Politics**

**Field Three – International Relations**

**Field Four – Theory/Methodology**
PS 240 or 372, 441G, 442G, 545, 572

Note: PS 391, 395, 490, and 492 also meet this disciplinary requirement, although the fields will vary depending on the topic.

**Other Courses**

Choose six hours of PS courses (including 1-6 hours of PS 399) or approved courses from outside political science (see list below) .................................................. 6
Minor in Political Science

The minor in Political Science requires a pre-requisite course (PSY 101) and 18 hours of course work at the 200 level or above to be distributed as follows:

1. Six hours of 200 level courses, three hours of which must be either PSY 210 or PSY 235.
2. Four other courses, at least three of which must be at the 400 or 500 level.

PSYCHOLOGY

The undergraduate curriculum in psychology includes courses in the major content areas of psychology. The program provides course work emphasizing the fundamental concepts and techniques of this basic behavioral science. In addition to course work, the program provides for experience in conducting and analyzing laboratory and field research.

Bachelor of Arts with a major in PSYCHOLOGY

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
   Choose one course from approved list ......................... 3

II. Intellectual Inquiry in the Humanities
   Choose one course from approved list ......................... 3

III. Intellectual Inquiry in the Social Sciences
   Choose one course from approved list ......................... 3

   PSY 100 Introduction to Psychology or approved equivalent transfer course................. 3-4

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
   Choose one course from approved list ......................... 3

V. Composition and Communication I
   CJS-WRD 110 Composition and Communication I ........... 3

VI. Composition and Communication II
   CJS-WRD 111 Composition and Communication II .......... 3

VII. Quantitative Foundations
   Choose one course from approved list ......................... 3

VIII. Statistical Inferential Reasoning
   PSY 215 Experimental Psychology ............................. 4
   PSY 216 Applications of Statistics in Psychology .............. 4

IX. Community, Culture, and Citizenship in the USA
   Choose one course from approved list ......................... 3

X. Global Dynamics
   Choose one course from approved list ......................... 3

UK Core hours: ..................................................... 35-36

Graduation Composition and Communication Requirement (GCCR)

Select one of the following:
   PSY 427 Cognitive Processes .................................. 4
   PSY 430 Research in Personality ............................. 4
   PSY 440 Research in Social Psychology ...................... 4
   PSY 450 Learning ................................................. 4
   PSY 456 Behavioral Neuroscience ............................ 4
   PSY 460 Processes of Psychological Development .......... 4
   PSY 552 Evolutionary Psychology ............................ 4

Graduation Composition and Communication Requirement hours (GCCR) ................................. 4

College Requirements

I. Foreign Language (placement exam recommended) .................................................. 0-14
   a. Natural Science (partially completed by PSY 312; and to complete this requirement, consider either PSY 456 as the Advanced Lecture/Lab or PSY 565 as the Capstone Requirement) ............... 3
   b. Social Science (completed by Premajor and Major Requirements) ......................... 3
   c. Humanities ...................................................... 6

II. Laboratory or Field Work (completed by Premajor Requirement) ....................... 6

IV. Electives .......................................................... 6

College Requirement hours: .................................. 15-29

Premajor Requirements

*PSY 100 Introduction to Psychology .......................... 4
   or
   *PSY 11 ......................................................... 3
   PSY 195 Orientation to Psychology ........................... 1
   *PSY 215 Experimental Psychology ......................... 4

Premajor hours: .................................................... 8-9

Major Requirements

Major Core Requirements
   *PSY 216 Applications of Statistics in Psychology .......... 4
   plus four of the following five courses:
   PSY 223 Developmental Psychology ....................... 3
   PSY 311 Learning and Cognition ............................ 3
   I/PSY 312 Brain and Behavior ................................ 3
   PSY 313 Personality and Individual Differences ........... 3
   PSY 314 Social Psychology and Cultural Processes ......... 3

Major Core hours: ................................................ 16

Other Course Work Required for the Major

From the Major Department:
   Advanced Lecture/Lab .......................................... 4
   Choose from: PSY 427, 430, 440, 450, 456, 460, 552
   Capstone Option ................................................ 3-8
   Choose from: PSY 495 and 496, 499, 500, 534, 535, 561, 562, 563, 564, 565, 566
   Electives ............................................................. 0-5
   Choose from: PSY 302, 331, 333, 395, 399, 459, 558

From Outside the Major Department
   Choose 14 hours outside Psychology at the 300+ level. 200+ level courses used to satisfy College requirements can also be counted here ....................................................... 14

Other Major hours: .............................................. 26
Electives
Choose electives to lead to the minimum total of 120 hours required for graduation .................................................. 5

Total Minimum Hours
Required for Degree .................................................. 120

*Course used towards completion of a UK Core Requirement.

**This requirement is fulfilled for students who have completed a 3-credit introductory psychology course at an accredited college or university, or who have scored a 3 on the Advanced Placement Psychology Test.

*Course used towards completion of the College Natural Science requirement.

Bachelor of Science with a major in PSYCHOLOGY

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: with the exception of PSY 215, PSY 216, PSY 312, PSY 456, and PSY 565, courses with a PSY prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements
See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list .................................. 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list .................................. 3

III. Intellectual Inquiry in the Social Sciences
PSY 100 Introduction to Psychology or approved equivalent transfer course ................................................. 3-4

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list .................................. 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ........... 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II ........... 3

VII. Quantitative Foundations
Choose one course from approved list .................................. 3

VIII. Statistical Inferential Reasoning
PSY 215 Experimental Psychology .................................. 4
PSY 216 Applications of Statistics in Psychology ................. 4

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list .................................. 3

X. Global Dynamics
Choose one course from approved list .................................. 3

UK Core hours: .................................................. 35-36

Graduation Composition and Communication Requirement (GCCR)
Select one of the following:

PSY 427 Cognitive Processes .......................................... 4
PSY 430 Research in Personality ...................................... 4
PSY 440 Research in Social Psychology ......................... 4
PSY 450 Learning ..................................................... 4
PSY 456 Behavioral Neuroscience .................................. 4
PSY 460 Processes of Psychological Development ........... 4
PSY 552 Evolutionary Psychology .................................. 4

Graduation Composition and Communication Requirement hours (GCCR) .................................................. 4

College Requirements
I. Foreign Language (placement exam recommended) ................. 0-14
II. Disciplinary Requirements
   a. Natural Science (completed by PSY 312) ......................... 3
   b. Social Science (completed by Premajor Requirement) ..... 3
   c. Humanities ................................................................ 3
III. Laboratory or Field Work (completed by Premajor Requirement) .......................................................... 3
IV. Electives ........................................................................ 6

College Requirement hours: .............................................. 9-23

Premajor Requirements
*PSY 100 Introduction to Psychology ................................ 4
or
*PSY 111 ........................................................................ 3
PSY 195 Orientation to Psychology .................................. 1
*PSY 215 Experimental Psychology .................................. 4
Premajors: ....................................................................... 8-9

Major Requirements

Major Core Requirements
*PSY 216 Applications of Statistics in Psychology .............. 4
plus four of the following five courses:
PSY 223 Developmental Psychology .................................. 3
PSY 311 Learning and Cognition ...................................... 3
PSY 312 Brain and Behavior ........................................... 3
PSY 313 Personality and Individual Differences ............... 3
PSY 314 Social Psychology and Cultural Processes ............ 3

Major Core hours: .................................................. 16

Other Course Work Required for the Major
From the Major Department:
Advanced Lecture/Lab .................................................. 4
Choose from: PSY 427, 430, 440, 450, 1456, 460, 552
Capstone Option ......................................................... 3-8
Choose from: PSY 495 and 496, 499, 500, 334, 535, 561, 562, 563, 564, 1565, 566
Eletives ........................................................................... 0-5
Choose from: PSY 302, 331, 333, 395, 399, 459, 558

From Outside the Major Department
Choose 14 hours outside Psychology at the 300+ level. 200+ level courses used to satisfy College requirements can also be counted here ................................................. 14

Other Major hours: .................................................. 26

Electives
Choose electives to lead to the minimum total of 120 hours required for graduation .................................................. 5

Total Minimum Hours
Required for Degree .................................................. 120

*Course used towards completion of a UK Core Requirement.

Minor in Psychology

The minor in Psychology requires a minimum of 19-20 hours of course work to include:

1. Prerequisite courses
   PSY 100 Introduction to Psychology or equivalent ......................... 3-4
   PSY 215 Experimental Psychology ...................................... 4

2. Four of the following five courses:
   PSY 223 Developmental Psychology .................................. 3
   PSY 311 Learning and Cognition ...................................... 3
   PSY 312 Brain and Behavior ........................................... 3
   PSY 313 Personality and Individual Differences ............... 3
   PSY 314 Social Psychology and Cultural Processes ............ 3

B.A. or B.S. with a major in RUSSIAN STUDIES

The requirements for the B.A. and B.S. with a major in Russian Studies are listed under this A&S section under Modern and Classical Languages, Literatures and Cultures.

SOCIOLGY

Sociology emphasizes the study of human behavior and social processes. The discipline provides excellent preparation for careers in a variety of occupations and professions including planning and community development, law, public relations and advertising, personnel administration, private business and government administration, health and human services, family relations, criminal justice fields, and others.

Students may major or minor in sociology. The department offers a Bachelor of Arts and a Bachelor of Science through the College of Arts and Sciences. Students may also complete a second major or minor in sociology even though they are enrolled in other colleges. In addition, students seeking certification in social studies education at the secondary level through the College of Education may also emphasize sociology in their programs.

Courses offered by the department cover a wide range of topics and issues. Areas such as social inequalities, work, organizations, economy, globalization, family, community, environment, crime, law and deviance comprise a large part of the curriculum. Students may also pursue special readings courses and experiential education placements or internships through the department.
Bachelor of Arts with a major in **SOCIOLGY**

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

**UK Core Requirements**

See the *UK Core* section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

### I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list ............................ 3

### II. Intellectual Inquiry in the Humanities

Choose one course from approved list ............................ 3

### III. Intellectual Inquiry in the Social Sciences

Choose one course from approved list ............................ 3

### IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list ............................ 3

### V. Composition and Communication I

CIS/WRD 110 Composition and Communication I ........ 3

### VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II ........ 3

### VII. Quantitative Foundations

Choose one course from approved list ............................ 3

### VIII. Statistical Inferential Reasoning

Choose one course from approved list ............................ 3

### IX. Community, Culture and Citizenship in the USA

Choose one course from approved list ............................ 3

### X. Global Dynamics

Choose one course from approved list ............................ 3

### UK Core hours: ........................................... 12-13

**College Requirements**

- **I. Foreign Language**
  - Choose one course from approved list ............................ 3
  - Choose one course from approved list ............................ 3

- **II. Communication Requirement (GCCR)**
  - Choose one course from approved list ............................ 3

- **III. Laboratory or Field Work**

- **IV. Electives**

**Premajor Requirements**

- *SOC 101 Introduction to Sociology or CLD 102 The Dynamics of Rural Social Life* ........ 3
- plus one of the following:  
  - SOC 235 Inequalities in Society  
  - SOC 299 Introductory Topics in Sociology  
  - (Subtitle required) ........................................... 3

**Major Core Requirements**

- SOC 302 Sociological Research Methods ........................ 3
- SOC 303 Quantitative Sociological Analysis  
  - or  
  - PSY 216 Applications of Statistics in Psychology ... 3-4
- SOC 304 Classical Sociological Theory ........................ 3
- SOC 305 Contemporary Sociological Theory ...................... 3

**Major Core hours: ........................................... 6**

**Other Course Work Required for the Major**

### From the Major Department:

Choose 15 hours of 300+ level Sociology courses, at least 6 of which must be at the 400+ level ........................................ 15

### From Outside the Major Department:

Choose 15 hours outside Sociology at the 300+ level. Maxi-
mum of 3 hours of 200+ level courses used to satisfy College requirements can also be counted here. These courses must be chosen from the list that follows, or approved by a Sociology Undergraduate Advisor ............................................. 15

**A-H — all 200+ courses**

- AAD 310, 340, 350, 399, 402, 499  
  - AAS — all 200+ courses  
  - AED — all 200+ courses  
  - AEN 463G  
  - AIS 328, 330, 331, 435  
  - ANT — all 200+ courses  
  - APP — all 200+ courses  
  - ARC 314, 315, 332, 333, 461, 511, 512, 513, 514, 515  
  - BIO 325, 375  
  - BSC 331, 527, 529, 546  
  - CLA 210, 229, 230, 301, 302, 390, 450G, 509  
  - CLD — all 200+ courses  
  - COM 249, 252, 281, 325, 350, 351, 365, 381, 449, 452, 453, 454, 462, 525, 571, 581  
  - CPC 301  
  - DHI 516  
  - ECO — all 200+ courses  
  - EDL 401  
  - EDP 202, 518, 522, 548, 557, 580  
  - EDS 516, 547  
  - EDU 305  
  - ENS — all 200+ courses  
  - EPE 301, 317, 554, 555, 570  
  - FAM 253, 254, 255, 350, 352, 357, 360, 390, 402, 475, 502, 509, 544, 553, 554, 563, 585  
  - FCS — all 200+ courses  
  - GEN 200, 300, 301, 501  
  - GEO — all 200+ courses  
  - GRN 585  
  - GWS — all 200+ courses  
  - HES — all 300+ courses  
  - HIS — all 200+ courses  
  - HIS 324, 325, 425  
  - HMT 210, 270, 320, 330, 460, 470, 480, 488  
  - HON — all 200+ courses

**Total Minimum Hours Required for Degree** ........................................ 120

*Course used towards completion of a UK Core Requirement.

**Bachelor of Science with a major in **SOCIOLGY**

120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with a SOC prefix are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

**UK Core Requirements**

See the *UK Core* section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

### I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list ............................ 3

### Electives

Choose electives to lead to the minimum total of 120 hours required for graduation ................................................................. 5

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University of Kentucky 2014-2015 Undergraduate Bulletin 182


II. Intellectual Inquiry in the Humanities
Choose one course from approved list .......................... 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list .......................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences
Choose one course from approved list .......................... 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ............ 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II .......... 3

VII. Quantitative Foundations
Choose one course from approved list .......................... 3

VIII. Statistical Inferential Reasoning
Choose one course from approved list .......................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list .......................... 3

X. Global Dynamics
Choose one course from approved list .......................... 3

Major Core Requirements

A. Humanities ..................................................... 3

B. Natural Science ............................................... 3

C. Social Science (completed by Premajor and Major Requirements) ........................................... 3

III. Laboratory or Field Work (completed by Major Requirement)

IV. Electives .................................................................. 6

V. Composition and Communication I
SOC 299 Introductory Topics in Sociology ....................... 3

VI. Composition and Communication II
SOC 235 Inequalities in Society ..................................... 3

Minor Requirements

*Course used towards completion of a UK Core Requirement.

Minor in Sociology

The minor in Sociology requires 21 hours of course work to include:

Prerequisites
SOC 101 Introduction to Sociology .......................... 3
or
CLD 102 The Dynamics of Rural Social Life .......... 3
and
Any other 100- or 200-level sociology course .......... 3

Minor Requirements
Students complete an additional 15 hours in sociology, at least 3 of which must be at the 400 level or above and must include one of the following six-hour blocks:

SOC 302 and SOC 303 (or PSY 216) ........................... 3
or
SOC 304 and SOC 305 ........................................... 3
or
SOC 302 and SOC 304 ........................................... 3

Minor in Criminology

The Minor in Criminology requires 18 hours as follows:

Minor Prerequisite
SOC 235 Inequalities in Society .......................... 3

Minor Requirements
SOC 302 Sociological Research Methods .......................... 3
or one of the following courses:
PSY 215 Experimental Psychology .................................. 3
PSY 372 Introduction to Political Analysis ...................... 3
ANT 490 Anthropological Research Methods .................. 3
SW 450 Social Work Research ..................................... 3
COM 365 Introduction to Communication Research Methods .................................................. 3

plus
SOC 339 Introduction to Crime, Law and Deviance .......... 3

Minor Electives
Nine hours from the following courses, three which must be at the 400-level:

*SOC 350 Topics in Sociology (Subtitle required) ....... 3
SOC 438 Cross-National Crime .................................. 3
SOC 439 Topics in Crime, Law and Deviance .......................... 3

University of Kentucky
2014-2015 Undergraduate Bulletin
To complete the nine hours, students may take one course from the following:

- PS 360 Politics of Law and Courts ......................... 3
- PS 415G Comparative Judicial Politics ................. 3
- PS 437G Dynamics of International Law ................. 3
- PS 463G Judicial Politics ...................................... 3
- PS 465G Constitutional Law ................................... 3
- PSY 331 The Psychology of Adjustment .................. 3
- PSY 333 Abnormal Psychology .............................. 3
- PSY 334 Child Pathopsychology ............................ 3
- SW 512 Social Work in the Criminal Justice System .... 3
- SW 580 Topical Seminar in Social Work ................... 1-4
- SW 505 Child Welfare Services ................................ 2-3
- SW 571 Social Work and the Law ............................ 3
- COM 314 The Dark Side of Interpersonal Communication and Relationships ......................... 3

*The subtitle for this course must directly relate to criminology.

STATISTICS

The Department of Statistics at the University of Kentucky is concerned with three essential functions: teaching, research, and consulting in statistics.

The department does not offer an undergraduate degree, but students may elect to include statistics as part of a topical major or to minor in statistics. The program in mathematical sciences also includes several statistics courses. The Master of Science and the Doctor of Philosophy degree are offered.

Research is being actively pursued in statistical theory and methods, both parametric and non-parametric, linear models, inference, stochastic processes, applied probability, and biostatistics.

Consultation on statistical analysis and interpretation of data is provided to researchers on and off the campus. Particular attention is paid to the consulting needs of graduate students.

Minor in Statistics

The minor in statistics is aimed specifically at social and life science students, as well as students in the traditional mathematical sciences. A minimum of 16 hours of course work is required to complete the minor, as follows:

- Complete one of the following:
  - STA 291 Statistical Methods ........................................ 3
  - STA 321 Basic Statistical Theory I ......................... 3
  - STA 525 Introductory Statistical Inference ............... 3

- Complete one of the following:
  - STA 281 Probability and Statistics
    Using Interactive Computer Techniques .......................... 3
  - STA 320 Introductory Probability .................................. 3
  - STA 524 Probability .................................................. 3

- plus:
  - STA 570 Basic Statistical Analysis ......................... 4

- Complete one additional STA course approved by the Director of Undergraduate Studies ................. 3

- Complete one course from the student’s area approved by the Director of Undergraduate Studies ................. 3

Total Hours ......................................................... 16-18

WRITING, RHETORIC, AND DIGITAL STUDIES

The major in Writing, Rhetoric, and Digital Studies focus on the humanistic study of writing and rhetoric in its various genres, contexts (social, historical, political), and media (print and digital, textual and visual). Students in the program study rhetoric and composition theory, practice writing in various forms (including professional and technical writing), and consider the emerging dynamics of digital composition.

The major prepares students to enter publishing, business, industry, or non-profit organizations. Students focusing on writing in digital environments may find employment with multimedia firms or web design organizations. For those interested in graduate work, the major prepares students to enter English education, rhetoric and composition, professional writing, and law.

The major in Writing, Rhetoric, and Digital Studies are grounded in the foundational idea that writing and rhetoric are important not only for professional success, but also for the development of an informed, engaged citizenry.

Bachelor of Arts with a major in WRITING, RHETORIC AND DIGITAL STUDIES

120 hours (minimum)

Any student earning a Bachelor of Arts (BA) degree must complete a minimum of 39 hours at the 300+ level. These hours are generally completed by the Major Requirements. However, keep this hour requirement in mind as you choose your course work for the requirements in the major. See the complete description of College requirements for a Bachelor of Arts degree on page 126.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list .......................... 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list .......................... 3

III. Intellectual Inquiry in the Social Sciences

Choose one course from approved list .......................... 3

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list .......................... 3

V. Composition and Communication I

CIS/WRD 110 Composition and Communication I ........... 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II ........... 3

VII. Quantitative Foundations

Choose one course from approved list .......................... 3

VIII. Statistical Inferential Reasoning

Choose one course from approved list .......................... 3

IX. Community, Culture and Citizenship in the USA

Choose one course from approved list .......................... 3

X. Global Dynamics

Choose one course from approved list .......................... 3

UK Core hours ...................................................... 30

Graduation Composition and Communication Requirement (GCCR)

WRD 430 Advanced Workshop (Subtitle required) ............ 3

Graduation Composition and Communication Requirement hours (GCCR) ......................................................... 3

College Requirements

I. Foreign Language ................................................. 12

II. Disciplinary Requirements

a. Natural Science .................................................. 6
b. Social Science .................................................... 6
c. Humanities ........................................................... 3

III. Laboratory or Field Work ........................................ 3

IV. Electives ........................................................... 3

College Requirement hours ....................................... 6

Major Requirements

Core Courses

WRD 300 Introduction to Writing, Rhetoric, and Digital Studies ......................................................... 3

WRD 430 Advanced Workshop (Subtitle required) ............ 3

Core Courses hours .................................................. 6

Other Course Work Required for the Major

From the Major Department

Three hours of WRD courses ................................. 3

at the 200-level or above ............................................. 3

Twelve hours of WRD courses at the 300-level (excluding WRD 300) ......................................................... 12

Twelve hours of WRD courses at the 400-500 level (excluding WRD 430) ......................................................... 12

From Outside the Major Department

Choose 6 hours from the following courses:

A-H 360 Visual Culture of Politics .......................... 3

A-S 200 Introduction to Digital Art, Space and Time .... 3

A-S 245 Introduction to Web Design .......................... 3

A-S 280 Introduction to Photographic Literacy ............ 3

COM 249 Mass Media and Mass Culture .................... 3

COM 281 Communication in Small Groups .................. 3

COM 287 Persuasive Speaking .................................... 3

COM 311 Taking Control of Your Health: Patient-Provider Communication .......................... 3

COM 312 Learning Intercultural Communication Through Media and Film .......................... 3

COM 313 Interpersonal Communication in Close Relationships ......................................................... 3

COM 315 Understanding Workplace Communication in a Diverse U.S. Society .......................... 3

ENG 284 History of Film I ........................................... 3

ENG 285 History of Film II .......................................... 3

ENG 407 Intermediate Workshop in Imaginative Writing (Subtitle required) ........................................... 3

ENG 440C Studies in British Literature (Subtitle required) ......................................................... 3

ENG 450G Studies in American Literature (Subtitle required) ......................................................... 3

ENG 460G Studies in African-American Literature (Subtitle required) ......................................................... 3

ENG 470G Comparative and Transnational Studies in Literature (Subtitle required) ......................... 3

ENG 480G Studies in Film (Subtitle required) ................ 3

University of Kentucky

2014-2015 Undergraduate Bulletin
ENG 490G Studies in Literature and Gender ............................ 3
ENG 491G Studies in Theory (Subtitle required) .................. 3
ENG 492G Cultural Studies (Subtitle required) .................. 3
ENG 507 Advanced Workshop in Imaginative Writing
(Subtitle required) ................................................. 3
GWS 250 Social Movements ........................................ 3
GWS 301 Crossroads (Subtitle required) .......................... 3
GWS 302 Gender Across the World
(Subtitle required) ................................................. 3
GWS 340 History of Feminist Thought to 1975 .................. 3
LIN 211 Introduction to the Language of Music ............... 3
LIN 212 Introduction to Linguistics II ........................... 3
LIN 317 Language and Society (Subtitle required) .......... 3
or courses approved by the DUS ................................ 3
Total Major hours: .................................................. 39

Electives
Free Electives ......................................................... 6
Elective hours: ....................................................... 6
Total Minimum Hours Required for Degree .................... 120

Bachelor of Science with a major in
WRITING, RHETORIC AND DIGITAL STUDIES

120 hours (minimum)
Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. See the complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, on page 127.

UK Core Requirements
See the UK Core section of this Bulletin for the complete
UK Core requirements. The courses listed below are (a)
recommended by the college, or (b) required courses that also
fulfill UK Core areas. Students should work closely with their
advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list .......................... 3

II. Intellectual Inquiry in the Humanities
Choose one course from approved list .......................... 3

III. Intellectual Inquiry in the Social Sciences
Choose one course from approved list .......................... 3

IV. Intellectual Inquiry in the Natural, Physical, and
Mathematical Sciences
Choose one course from approved list .......................... 3

V. Composition and Communication I
CIS/WRD 110 Composition and Communication I ........ 3

VI. Composition and Communication II
CIS/WRD 111 Composition and Communication II ........ 3

VII. Quantitative Foundations
Choose one course from approved list .......................... 3

VIII. Statistical Inference Reasoning
Choose one course from approved list .......................... 3

IX. Community, Culture and Citizenship in the USA
Choose one course from approved list .......................... 3

X. Global Dynamics
Choose one course from approved list .......................... 3

UK Core hours: .................................................... 30

Graduation Composition and Communication Requirement (GCCR)
WRD 430 Advanced Workshop
(Subtitle required) .................................................. 3
Graduation Composition and Communication Requirement hours (GCCR) ........ 3

College Requirements
I. Foreign Language ................................................. 12
II. Disciplinary Requirements
a. Natural Science ................................................. 6
b. Social Science .................................................... 6
c. Humanities ....................................................... 3
III. Laboratory or Field Work ....................................... 3
IV. Electives
College Requirement hours: .....................................

Major Requirements
Core Courses
WRD 300 Introduction to Writing, Rhetoric, and Digital Studies ................. 3
WRD 430 Advanced Workshop (Subtitle required) ......... 3
Core Courses hours: ............................................... 6

Other Course Work Required for the Major
From the Major Department
Three hours of WRD courses at the 200-level or above .......................... 3
Twelve hours of WRD courses at the 300-level
(excluding WRD 300) ............................................. 12
Twelve hours of WRD courses at the 400-500 level
(excluding WRD 430) ............................................. 12
From Outside the Major Department
Choose 6 hours from the following courses:
A-H 360 Visual Culture of Politics ................................ 3
A-S 200 Introduction to Digital Art, Space and Time ... 3
A-S 245 Introduction to Web Design ............................ 3
A-S 280 Introduction to Photographic Literacy ............ 3
COM 249 Mass Media and Mass Culture ................. 3
COM 281 Communication in Small Groups ............... 3
COM 287 Persuasive Speaking ................................... 3
COM 311 Taking Control of Your Health:
Patient-Provider Communication ................................ 3
COM 312 Learning Intercultural Communication
Through Media and Film ......................................... 3
COM 313 Interpersonal Communication in Close Relationships .... 3
COM 315 Understanding Workplace Communication
in a Diverse U.S. Society ........................................ 3
ENG 284 History of Film I ......................................... 3
ENG 285 History of Film II ........................................ 3
ENG 407 Intermediate Workshop in
Imaginative Writing (Subtitle required) ................. 3
ENG 440G Studies in British Literature
(Subtitle required) .................................................. 3
ENG 450G Studies in American Literature
(Subtitle required) .................................................. 3
ENG 460G Studies in African-American Literature
(Subtitle required) .................................................. 3
ENG 470G Comparative and Transnational
Studies in Literature (Subtitle required) ................. 3
ENG 480G Studies in Film (Subtitle required) ......... 3
ENG 490G Studies in Literature and Gender
(Subtitle required) .................................................. 3
ENG 491G Studies in Theory (Subtitle required) ....... 3
ENG 492G Cultural Studies (Subtitle required) ....... 3
ENG 507 Advanced Workshop in Imaginative Writing
(Subtitle required) .................................................. 3
GWS 250 Social Movements ....................................... 3

College of Arts and Sciences
GWS 301 Crossroads (Subtitle required) .................. 3
GWS 302 Gender Across the World
(Subtitle required) .................................................. 3
GWS 340 History of Feminist Thought to 1975 ........ 3
LIN 211 Introduction to the Study of Language ........ 3
LIN 212 Introduction to Linguistics II ....................... 3
LIN 317 Language and Society (Subtitle required) .... 3
or courses approved by the DUS ................................ 3
Total Major hours: .................................................. 39

Electives
Free Electives ......................................................... 6
Elective hours: ....................................................... 6
Total Minimum Hours Required for Degree .................... 120

Minor in Writing, Rhetoric, and Digital Media
The minor in Writing, Rhetoric, and Digital Media requires 18 hours as follows:

Prerequisite
Complete the Composition and Communication Core require-
ment: either WRD/CIS 110 and WRD/CIS 111; or
WRD/CIS 112.

Minor Requirements
WRD 300 Introduction to Writing, Rhetoric, and Digital Studies ................. 3
plus 15 hours of additional WRD courses, 9 of which must be at the 300 and 400 level .......................... 15

INTERDISCIPLINARY MINORS

African American Studies
The minor in African American Studies provides students with an opportunity to examine the contributions of established academic disciplines towards the understanding of African peoples, particularly those peoples in the New World. It also provides a framework for research and analysis of issues which focus on African American experiences in artistic, literary, historical, and sociopolitical environments. The minor requires 21 hours of study as follows:

1. AAS 200 Introduction to African-American Studies
2. AAS 400 Special Topics in African-American Studies
3. AAS 401 Independent Reading and Research in African-American Studies
4. At least six hours of course work in the humanities
(abbreviations are as approved by the African American Studies Committee). Among these are:
ENG 264 Introduction to Black Writers
FR 404 Topics in French Literature and Culture
(HIS 234 History of Sub-Saharan Africa
HIS 260 African American History to 1865
HIS 261 African American History 1865-Present
HIS 360 Race and Sports in America
MUS 300 History of Jazz

University of Kentucky
2014-2015 Undergraduate Bulletin
American Studies

American Studies draws together diverse disciplines to examine the historical and contemporary forms and issues of our national life. The program in American Studies takes as its field of study any peoples, cultural expressions and social institutions, however or whenever identified as "American." Program curricula link faculty, courses, and students across a range of humanities, arts, and social science departments.

The minor centers on two interdisciplinary seminars on selected topics in American studies. Students electing the minor are also encouraged to take a range of elective courses to complement their major. The minor in American Studies prepares students for further graduate or professional training, or for work in education, government, or business.

The minor requires 18 hours of study as follows:

1. IAS 301 Topics in American Culture
2. IAS 401 Perspectives in American Culture
3. Four additional courses (12 hours) from the following list of approved courses. No more than two courses (or six hours) may be taken in any one discipline:

Art History: A-H 342

Anthropology: ANT 221, ANT 342, ANT 470G, ANT 527, ANT 534

English: ENG 310, ENG 480G

Geography: GEO 320, GEO 321, GEO 322, GEO 490G

History: HIS 326, HIS 326, HIS 350, HIS 351, HIS 460, HIS 461, HIS 463, HIS 464, HIS 465, HIS 466, HIS 467, HIS 572, HIS 573, HIS 574, HIS 575, HIS 576, HIS 577, HIS 578, HIS 579, HIS 580, HIS 581, HIS 582, HIS 584, HIS 585, HIS 586, HIS 595, HIS 596

Linguistics: LIN 317

Music: MUS 206, MUS 222, MUS 300, MUS 301, MUS 506

Philosophy: PHI 514


Sociology: SOC 340, SOC 534

For further information, contact: Director Pearl James, avdool2@uky.edu; 1227 Patterson Office Tower 0027, (859) 257-6978. http://american-studies.as.uky.edu/

Appalachian Studies

This minor offers the student with serious interests in Appalachian regional studies an opportunity to pursue a minor concentration to complement a major in one of the university’s professional or liberal arts programs. This interdisciplinary program enables students to comprehend more fully the history, health, social structure, environment, and culture of the region – its people, its challenges, and its future.

The minor in Appalachian Studies requires 18 hours of course work to include the following:

1. APP 200 Introduction to Appalachian Studies
2. Choose fifteen hours of Appalachian Studies courses. These courses must be chosen from the list below, or current courses listed on the Web site approved by the Director of Appalachian Studies:

   - APP 300 Topics in Appalachian Studies (Subtitle required)
   - APP 395 Independent Study
   - APP 399 Practicum
   - GEO 365 Special Topics in Regional Geography (Subtitle required) (if appropriate)
   - HIS 579 History of the New South
   - HIS 580 History of Appalachia
   - MUS 301 Appalachian Music
   - PS 456G Appalachian Politics
   - SOC 343 Political Sociology (if appropriate)
   - SOC 534 Sociology of Appalachia
   - SOC 735 Topical Seminar in Social Inequalities (if appropriate)

Note: Introduction to Appalachian Studies (APP 200) is strongly recommended. Individually arranged courses in independent study and experiential education may be counted toward the minor if approved by the Appalachian Studies Program Director. Special Topics courses offered by the various departments may also be counted, if appropriate.

For more information, contact: Director Ann Kingsolver, ann.kingsolver@uky.edu; 203 Appalachian Center, 624 Maxwellton Court, 0347, (859) 257-8262. http://appalachiancenter.as.uky.edu/

For a current listing of courses and further information, visit: http://appalachiancenter.as.uky.edu/appalcourses

Cognitive Science

The undergraduate minor in Cognitive Science is aimed to provide undergraduates with an introduction to cognitive science as a theory of the mind as an intelligent (information-processing) system. Our objectives are to ensure that each student (a) be able to articulate, at least in broad terms, some of the assumptions that have been thought to unify the various subfields within the domain of cognitive science; (b) explore more than one discipline’s approach to matters pertaining to cognitive science; and (c) explore in some detail at least one of the five main disciplines contributing to cognitive science (biology, computer science, linguistics, philosophy, and psychology).

CGS 500 (Cognitive Science in Theory and Practice) will be run with the aim in mind of getting students to satisfy (a); and distribution requirements aim to put students in a position to satisfy (b) and (c).

To receive an undergraduate minor in Cognitive Science, the student must successfully complete 18 credit hours to be distributed as follows:

1. CGS 500 Cognitive Science in Theory and Practice ????????????????????????????????????????????????????????????????????? 3
2. Fifteen credits from among the following:
   * ANT 332 Human Evolution
   BID 375 Behavioral Ecology and Sociobiology
   BID 555 Comparative Neurobiology and Behavior
   BID 550 Advanced Topics in Evolution
   BID 556 Communication Biology
   COM 350 Language and Communication
   CS 375 Logic and Theory of Computing (may not be combined with PHI 520)
   CS 463G Introduction to Artificial Intelligence
   *CS 521 Computational Sciences
   CS 536 Situated Computing
   CS 575 Models of Computation (may not be combined with PHI 520)
   LIN 210 History of the English Language
   LIN 211 Introduction to the Study of Language
   LIN 212 Introduction to Linguistics II
   LIN 509 Semantics and Pragmatics
   LIN 512 Analysis of English Syntax
   *LIN 513 Teaching English as a Second Language
   LIN 515 Phonological Analysis
   LIN 516 Grammatical Typology
   LIN 517 Special Topics in Linguistics (Subtitle required)
   LIN 519 Historical Linguistics
   PHI 320 Symbolic Logic I
   PHI 361 Biology and Society
   PHI 520 Symbolic Logic II (may not be combined with CS 375, 575, or 675)
   PHI 560 Philosophy of Scientific Method
   PHI 565 Philosophy of Language
   PHI 575 Philosophy of Mind
   *PSY 223 Developmental Psychology
   PSY 311 Learning and Cognition
   PSY 312 Brain and Behavior
   PSY 427 Cognitive Processes
   PSY 456 Behavioral Neuroscience
   PSY 552 Evolutionary Psychology
   PSY 562 Advanced Topics in Cognitive Psychology (Subtitle required)
   PSY 564 Advanced Topics in Learning (Subtitle required)
   PSY 565 Advanced Topics in Neuroscience (Subtitle required)
   *PSY 566 Advanced Topics in Social Psychology (Subtitle required)

Of the fifteen credit hours of courses from this list, (1) at least six credit hours must be in the same core discipline, where core disciplines are biology, computer science, linguistics, philosophy, and psychology; and (2) no more than six credit hours from any single discipline will count towards satisfaction of the requirement.

*Only by approval of the Director of Cognitive Science. The main criterion for approval will be the extent to which the course, as taught during the semester for which the student seeks cognitive science credit, contains a sufficient amount of mate-
Environmental Studies

Environmental considerations permeate almost every facet of modern life, and concern for “the environment” is practically universal as we approach the twenty-first century. The minor in Environmental Studies is designed to provide students with the opportunity to become conversant in a range of environmental topics, whether as private citizens in their daily lives or as professional members of corporate, government, legal, medical, and educational circles.

The minor draws on topics and perspectives from the natural and physical sciences, the social sciences, and the humanities to underscore the interdisciplinary nature of environmental issues and problems. Students taking the minor are encouraged to integrate the program with their major study focus in order to gain a competitive advantage in grappling with the problems of human impact on the environment.

The minor in Environmental Studies requires 21 hours of coursework including the following:

- ENS 201 Environmental and Sustainability Studies I: Humanities and Social Sciences ............................................. 3
- ENS 202 Environmental and Sustainability Studies II: Professional and Technical Preparation in Environmental Studies ............................................. 3
- PHI 336 Environmental Ethics ............................................. 3
- ENG 425 Environmental Writing ............................................. 3
- Plus three credit hours from each of the ENS Areas of Expertise: Economics, Environment, Society ............................................. 9

Economics


Environmental Studies

- MA 520 Sanskrit I ............................................................ 3
- MA 521 Sanskrit II ............................................................ 3
- Twelve hours of courses on India from anthropology, English, geography, linguistics, mathematics, philosophy, political science, sociology, and independent studies in India. Students choose from the following courses:
  - ANT 327 Culture and Societies of India ............................................. 3
  - GEO 330 Geography of the Indian Subcontinent ............................................. 3
  - GEO 331 Geography of the Indian Subcontinent ............................................. 3
  - GEO 332 The Jewish Experience in America ............................................. 3
  - PHI 343 Asian Philosophy ............................................. 3
  - PHI 345 Asian Philosophy ............................................. 3
  - MA 341 History of Mathematics ............................................. 3
  - MA 342 History of Mathematics ............................................. 3
  - SOC 380 Globalization: A Cross-Cultural Perspective ............................................. 3

Students completing the minor will possess: (1) an ability to read Sanskrit (vital for comprehending Indian culture); (2) a well-rounded, multidisciplinary understanding of the culture and geography of India and of contemporary Indian society and politics; and (3) a high degree of preparedness to pursue careers in business or teaching that require knowledge of Indian society and its traditions.

The minor in Indian Culture requires 18 hours of coursework, as follows:

1. Sanskrit Language Courses (6 hours)
   - MA 520 Sanskrit I ............................................................ 3
   - MA 521 Sanskrit II ............................................................ 3

2. Twelve hours of courses on India from anthropology, English, geography, linguistics, mathematics, philosophy, political science, sociology, and independent studies in India. Students choose from the following courses:
   - ANT 327 Culture and Societies of India ............................................. 3
   - GEO 330 Geography of the Indian Subcontinent ............................................. 3
   - GEO 331 Geography of the Indian Subcontinent ............................................. 3
   - GEO 332 The Jewish Experience in America ............................................. 3
   - PHI 343 Asian Philosophy ............................................. 3
   - PHI 345 Asian Philosophy ............................................. 3
   - MA 341 History of Mathematics ............................................. 3
   - MA 342 History of Mathematics ............................................. 3
   - SOC 380 Globalization: A Cross-Cultural Perspective ............................................. 3

Alternative elective courses may be approved by the Environmental Studies Program Director. For further information, contact: Director David Atwood, datwood@uky.edu; 1457 Patterson Office Tower 0027, (859) 257-9944.

http://idp.as.uky.edu/idp-environmental-studies

Indian Culture

This minor is designed to allow students to develop a more profound understanding of Indian culture. The curriculum is strongly interdisciplinary, encompassing courses in linguistics, anthropology, English, geography, mathematics, philosophy, political science, and sociology.

Students completing the minor will possess: (1) an ability to read Sanskrit (vital for comprehending Indian culture); (2) a well-rounded, multidisciplinary understanding of the culture and geography of India and of contemporary Indian society and politics; and (3) a high degree of preparedness to pursue careers in business or teaching that require knowledge of Indian society and its traditions.

The minor in Indian Culture requires 18 hours of coursework, as follows:

1. Sanskrit Language Courses (6 hours)
   - MA 520 Sanskrit I ............................................................ 3
   - MA 521 Sanskrit II ............................................................ 3

2. Twelve hours of courses on India from anthropology, English, geography, linguistics, mathematics, philosophy, political science, sociology, and independent studies in India. Students choose from the following courses:
   - ANT 327 Culture and Societies of India ............................................. 3
   - GEO 330 Geography of the Indian Subcontinent ............................................. 3
   - GEO 331 Geography of the Indian Subcontinent ............................................. 3
   - GEO 332 The Jewish Experience in America ............................................. 3
   - PHI 343 Asian Philosophy ............................................. 3
   - PHI 345 Asian Philosophy ............................................. 3
   - MA 341 History of Mathematics ............................................. 3
   - MA 342 History of Mathematics ............................................. 3
   - SOC 380 Globalization: A Cross-Cultural Perspective ............................................. 3

Students completing the minor will possess: (1) an ability to read Sanskrit (vital for comprehending Indian culture); (2) a well-rounded, multidisciplinary understanding of the culture and geography of India and of contemporary Indian society and politics; and (3) a high degree of preparedness to pursue careers in business or teaching that require knowledge of Indian society and its traditions.
College of Arts and Sciences

3. Contemporary Latin American Societies (three hours)
4. Literature and the Arts of the Americas (three hours)

For more information, consult the Director of Latin American Studies.
http://www.as.uky.edu/latin-american-caribbean-and-latino-studies-program-

UNDERGRADUATE CERTIFICATES

The University of Kentucky grants the following undergraduate certificates in the College of Arts and Sciences:
- Appalachian Studies
- Peace Studies

Undergraduate Certificate in Appalachian Studies

Students in any college may earn the Undergraduate Certificate in Appalachian Studies. The certificate is interdisciplinary (requiring course work in at least two colleges) and combines critical analysis with experiential education in the Appalachian region. The course work and practicum are tailored for each student in consultation with the program director to make the interdisciplinary certificate relevant to the student’s major, interests, and career plans.

A student planning a health science career might choose a practicum with the UK Center for Excellence in Rural Health in Hazard, Ky., for example, and a student interested in sustainable agriculture or elementary education might do a practicum with Green Forests Work, a reforestation and public education program in central Appalachia. The Appalachian Studies faculty spans ten colleges at UK and there are diverse courses available each semester to students enrolled in the certificate program.

The 12-hour certificate program focuses on understanding the Appalachian region, particularly Appalachian Kentucky, in historical, social/cultural, physical, and comparative context. All students must: 1) complete APP 200, Introduction to Appalachian Studies (which also satisfies the UK Core requirement in U.S. citizenship); 2) to satisfy an Appalachian engagement requirement (either through APP 399, the Appalachian Studies practicum course, or a relevant internship, service-learning course, or practicum in another program); and 3) to complete a capstone project either through APP 399, the Appalachian Studies Practicum, or a course approved as the capstone experience by the Appalachian Studies Program Director.

Remaining courses may be chosen from the Appalachia-related course listings published on the Appalachian Studies Web site each term, or a student may propose additional courses with a rationale accepted by the Appalachian Studies Program Director. Course work for the undergraduate certificate must be taken from within at least two colleges at UK. This requirement is a significant offering of this certificate program, given the Appalachian Center and Appalachian Studies Program’s service to the entire university community. The purpose of the requirement is to encourage students to explore curricular possibilities outside the college in which their major is administratively housed, in a program of study truly committed to interdisciplinary perspectives.

Appalachian Studies Curriculum

The Certificate in Appalachian Studies curricula are as follows:
- A minimum of 12 credits of course work taken for a letter grade.
- At least 12 credits must be 200 level or above, and a minimum of 6 credits must be at the 300-level or above.
- The student must complete a three-credit breadth component. The breadth component requires that a student take courses in at least two colleges, with a minimum of three credits to be completed in a discipline other than the student’s major.
- Student must earn a C or better in each required certificate course to receive the certificate.
- Certificates will only be awarded to students who successfully complete a degree, or have completed a four-year degree.
- No more than nine credits taken for a requirements can be used to satisfy the requirements for the student’s bachelor’s degree, a minor, or another certificate, exclusive of free or unrestricted electives.

Examples of Programs of Study

Here are three examples of programs of study for students successfully completing the Appalachian Studies undergraduate certificate:

APP 200 Introduction to Appalachian Studies .......... 3
APP 399 Practicum .............................................. 1-6
JOU 485 Community Journalism ................................ 3
CLD 340 Community Interaction ................................ 3

This student could satisfy the engagement requirement through APP 399 at UK’s Robin Center for Appalachian Resource Sustainability in Breathitt County on youth agricultural entrepreneurship, and satisfy the capstone requirement through a paper for Community Interaction on participatory evaluation of a proposed economic development project in Appalachia.

APP 200 Introduction to Appalachian Studies .......... 3
MUS 301 Appalachian Music ................................... 3
*ENG 450G Studies in American Literature
(Subtitle required) ................................................. 3
APP 399 Practicum .............................................. 1-6

*ENG 450G subtitle must focus on some aspect of Appalachian literature.

This student could satisfy the engagement requirement and the capstone experience together by creating and implementing a program on the multicultural history of the banjo for students at a 4-H camp in the Appalachian region.

APP 200 Introduction to Appalachian Studies .......... 3
EES 385 Hydrology and Water Resources ............... 3
FOR 460 Forest Hydrology and Watershed Management .......... 4
APP 399 Practicum .............................................. 1-6

This student could satisfy the engagement requirement by serving as an Appalachian Center intern for the KY Riverkeeper, helping to create a waterways trail, and satisfy the capstone experience requirement through drafting a management plan for a forest in the Appalachian region.

For more information, contact Professor Ann Kingsolver, Director, Appalachian Studies and Appalachian Center, (859) 257-4852; https://appalachiancenter.as.uky.edu

Undergraduate Certificate in Peace Studies

The purpose of the Peace Studies program is to develop students with increased interests and understanding of issues of peace and justice from individual to global levels; to provide them with basic skills in peaceful communication, nonviolent and transformative conflict resolution; and to help them develop peaceful and cooperative cultures. The Peace Studies program will empower students to understand and reduce conflict at multiple levels, and will provide them with conflict resolution skills that are increasingly valued by employers, graduate programs, and are much needed in our communities.

A Peace Studies certificate offers a valuable credential and an appealing focus for students in many disciplines. While UK offers a plethora of courses relevant to Peace Studies, this is the single program that brings these elements into a coherent peacemaking focus. Because Peace Studies is inherently interdisciplinary, it can create an important context that may be missed when courses are completed within the framework of a single discipline. Students in Peace Studies will be better prepared to take advantage of co-curricular opportunities at UK. A plethora of avenues also exist for fruitful synergy between the Peace Studies program and a student’s major and minor fields.

Program Requirements

The Peace Studies certificate is designed to be easily combined with a broad array of majors and minors across UK’s colleges and departments, and will increase a student’s credit hours needed for graduation only under rare circumstances. The Peace Studies program requires 12 credit hours. Six of the 12 required hours come from Peace Studies courses. These include the ‘portal’ course, PCE 201, which introduces students to Peace Studies, and the capstone course, PCE 410, which concludes the program.

Peace Studies Courses

*PCE 201 Introduction to Peace Studies ............... 3
**PCE 410 Peace Studies Capstone Seminar .......... 3

*Meets UK Core requirement for Inquiry in the Social Sciences
**Meets UK Core requirement for Citizenship-Global Dynamics**

**Peace Studies Electives**

Peace Studies electives are selected from existing courses in the University catalog and reflect both different departments and colleges. They are grouped into four Focus Areas:

**Focus Area I: Peacebuilding** ........................................... 0-6
Addresses systems and infrastructure needed to create more peaceful societies.

**Focus Area II: Peacemaking** ........................................... 0-6
Addresses leadership skills, skills for resolving and transforming conflict.

**Focus Area III: Promoting Understanding, Cooperation, and Development** ........................................... 0-6
Addresses cross cultural issues, international organizations, economic and social development.

**Focus Area IV: Addressing Global and Regional Pressures** ........................................... 0-6
Addresses problems of population, scarcity, trade, sustainability, ecosystems, climate, and immigration.