

A university education truly worth the name must do more than prepare students for a job or a career. It must broaden their understanding of the world, of themselves, of their role in society, and of the ideals and aspirations which have motivated human thought and action throughout the ages. It must help individuals use their acquired knowledge to grow in maturity as they take responsibility for their lives by establishing their own individual goals and developing the habit of lifelong learning.

The broad goals of the University of Kentucky's general education program, called University Studies, make for mature, open, flexible individuals who can adapt to changing situations, learn new skills, and meet unforeseen challenges in their careers. At the same time, University Studies will help students to develop their own sense of values, to pursue their own goals, and to contribute to the political, moral, social, and cultural enrichment of society.

The University Studies Program is separated into ten areas of study: math, foreign language, inference-logic, written communication, oral communication, natural sciences, social sciences, humanities, cross-cultural, and electives.

Students are encouraged to work closely with their advisors in selecting courses that are appropriate for their own needs and aspirations.

NOTE: A course taken to satisfy a requirement in one area of University Studies cannot be used to satisfy a requirement in another, with the exception that one calculus course will satisfy both *I. Math* and *III. Inference-Logic*.

I. MATH

Upon completion of the math requirement, students will be able to: (1) demonstrate skills in use and interpretation of definitions, notations, and formulas that employ words and numbers to represent and solve problems; and (2) use and interpret principles of mathematical reasoning.

To fulfill the math requirement, complete **one** of the following:

- A score of 26 or above on the mathematics section of the ACT, a score of 540 or above on the mathematics section of the SAT, bypass examination, or
 - MA 109 College Algebra, or
 - MA 110 Analytic Geometry and Trigonometry, or
 - MA 111 Introduction to Contemporary Mathematics, or
 - any calculus course.
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II. FOREIGN LANGUAGE

Upon completion of the foreign language requirement, students will be able to: (1) communicate orally in simple terms using the language; (2) read, write, and translate simple passages in the language; and (3) describe some ways in which language is reflected in the culture in which it is used and also ways in which culture is reflected in its language.

To fulfill the foreign language requirement, complete **one** of the following:

- Two years of a foreign language in secondary school as indicated on transcripts, or
 - any two-semester sequence (at least six hours) in a single foreign language at the college level.
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III. INFERENCE-LOGIC (with Statistics or Calculus Options)

Upon completion of the inference-logic requirement, students will be able to: (1) draw reasonable inferences from data, observations, and logical premises; (2) evaluate the quality of an argument or solution; and (3) use principles of formal reasoning to solve problems.

To fulfill the inference-logic requirement, complete **one** of the following:

- Any calculus course, or
- STA 200 Statistics: A Force in Human Judgment (Prereq: MA 109), PLUS
- PHI 120 Introductory Logic, or PHI 320 Symbolic Logic I.

Note: Students must satisfy the math requirement before enrolling in STA 200.

IV. WRITTEN COMMUNICATION

Upon completion of the written communication requirement, students will be able to communicate ideas effectively through written work for various audiences.

To fulfill the University Studies Program written communication requirement, complete the First Year Writing Requirement (4 credit hours). Honors Program students satisfy the First Year Writing Requirement through that curriculum.

The University's writing requirement also has a second component – the Graduation Writing requirement – that is not part of the University Studies Program. See "University Writing Requirement" on pages 64-65 in the *Academic Requirements* section of this Bulletin for details.

First Year Writing Requirement

Complete **one** of the following:

- ENG 104 Writing: An Accelerated Foundational Course*
- Score of 32 or above on the English component of the ACT; score of 700 or above on SAT I Verbal; or score of 4 or 5 on the AP English Language Exam.

*Full-time students must enroll in ENG 104 in either the fall or spring semester of their first year. They may drop the course during the first year, but beginning in their third semester, students enrolled in ENG 104 are not allowed to drop the course, and will be required to register for the course each semester until they have completed the First Year Writing Requirement.

NOTE: Students who have earned credit for ENG 101 or equivalent, and students with a score of 3 on the AP English Language Exam may select either ENG 102 or ENG 104 (recommended) to complete the First Year Writing Requirement. UK no longer offers ENG 101 but will continue to offer ENG 102 as needed.

An Important Note About This Bulletin

At the time of publication, the new USP and University Writing Requirement had been approved; however, changes to the degree requirements have not been made. The degree requirements listed in the "College" sections in this *Bulletin* still list the old Writing Requirement (ENG 101/102). **Students must follow the requirements listed above.** If you have any questions about fulfilling the USP or University Writing Requirements, contact your advisor or college dean's office.

V. ORAL COMMUNICATION

Suspension of Oral Communication Requirement

Students who enroll at the University of Kentucky **for the first time** in Fall 2004 through Summer 2007 are not required to complete the Oral Communication Requirement. **Students who enrolled for the first time prior to Fall 2004 must complete the Oral Communication Requirement.**

This suspension applies **only** to University Studies Requirements. Many programs are required by their accreditation to have an oral communication component; students in these programs are still required to fulfill that component.

Because the suspension of the USP Oral Communication Requirement occurred shortly before this *Bulletin* went to press, the degree requirements in the "Colleges" section still list the USP Oral Communication Requirement. Check with your advisor or college dean's office for updated information.

Upon completion of the oral communication requirement, students will be able to communicate ideas effectively through oral communication for various audiences.

To fulfill the oral communication requirement, complete **one** of the following:

- **one** of the following courses:
 - COM 181 Basic Public Speaking
 - COM 252 Introduction to Interpersonal Communication
 - COM 281 Communication in Small Groups
 - COM 287 Persuasive Speaking
 - TA 225 Vocal Production for the Stage I
- bypass examination, or
- an alternate sequence in the student's major department*

***NOTE:** Some colleges or departments have approved an alternate route for satisfying the oral communication requirement. Discuss with your advisor how you should select courses to complete this requirement.

VI. NATURAL SCIENCES (six hours)

Upon completion of the natural sciences requirement – for each course taken – students will be able to: (1) demonstrate knowledge of major theories and phenomena associated with a field or discipline of natural science; (2) demonstrate an understanding of scientific reasoning; and (3) identify the methods and practices of inquiry associated with theoretical advances in a natural science discipline.

To fulfill the natural sciences requirement, complete **at least six hours** from the following courses:

Biology

BIO 102	Human Ecology
BIO 103	Basic Ideas of Biology
BIO 150	Principles of Biology I
BIO 151	Principles of Biology Laboratory I
BIO 152	Principles of Biology II
BIO 153	Principles of Biology Laboratory II
BIO 300	General Entomology
ENT 110	Insect Biology
ENT 300	General Entomology
PLS 104	Plants, Soils, and People: A Global Perspective

Chemistry

CHE 101	Molecular Science for Citizens
CHE 104	Introductory General Chemistry
CHE 105	General College Chemistry I
CHE 106	Introduction to Inorganic, Organic and Biochemistry
CHE 107	General College Chemistry II
CHE 115	General Chemistry Laboratory

Geography

GEO 130	Earth's Physical Environment
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Geology

GLY 110	Endangered Planet: An Introduction to Environmental Geology
GLY 120	Sustainable Planet: The Geology of Natural Resources
GLY 130	Dinosaurs and Disasters
GLY 150	Earthquakes and Volcanoes
GLY 160	Geology for Elementary Teachers
GLY 220	Principles of Physical Geology
GLY 223	Introduction to Geology in the Rocky Mountains

Physics and Astronomy

AST 191	The Solar System
AST 192	Stars, Galaxies and the Universe
PHY 151	Introduction to Physics
PHY 152	Introduction to Physics
PHY 211	General Physics
PHY 213	General Physics
PHY 231	General University Physics
PHY 232	General University Physics
PHY 241	General University Physics Laboratory
PHY 242	General University Physics Laboratory

Physics and Geology

PHY 160	Physics and Astronomy for Elementary Teachers
GLY 160	Geology for Elementary Teachers

VII. SOCIAL SCIENCES (two courses in separate disciplines)

Upon completion of the social sciences requirement – for each course taken – students will be able to: (1) demonstrate knowledge of major theories and phenomena associated with two fields or disciplines of social science; (2) demonstrate an understanding of scientific reasoning; and (3) identify the methods and practices of inquiry associated with theoretical advances in a social science discipline.

To fulfill the social sciences requirement, select **two courses in separate disciplines** from the following courses: *Note that AEC 101 is in the Economics category and ACE 102 and WS 200 are in the Sociology category.*

Anthropology

ANT 101	Introduction to Anthropology
ANT 241	Origins of Old World Civilization
ANT 242	Origins of New World Civilization

Communication

COM 101	Introduction to Communications
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Economics

AEC 101	The Economics of Food and Agriculture
ECO 101	Contemporary Economic Issues
ECO 201	Principles of Economics I

Family Studies

FAM 252	Introduction to Family Science
FAM 253	Human Sexuality: Development, Behavior and Attitudes

Geography

GEO 152	Regional Geography of the World
GEO 172	Human Geography
GEO 210	Pollution, Hazards, and Environmental Management
GEO 222	Cities of the World
GEO 240	Geography and Gender

Political Science

PS 101	American Government
PS 235	World Politics
PS 271	Introduction to Political Behavior

Psychology

PSY 100	Introduction to Psychology
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Sociology

†SOC 101	Introductory Sociology
SOC 152	Modern Social Problems
SOC 235	Inequality in Society
SOC 260	Population, Resources and Change
SOC 335	Women and Men in Society
†ACE 102	The Dynamics of Rural Social Life
WS 200	Introduction to Women's Studies in the Social Sciences

†Students may not receive credit for both SOC 101 and ACE 102.

VIII. HUMANITIES (six hours)

Upon completion of the humanities requirement – for each course taken – students will be able to: (1) demonstrate knowledge of major developments in Western culture, particularly the interrelationships between historical, aesthetic, and literary perspectives; (2) explain how cultural, historical, and intellectual forces are represented in artistic and literary works from the past and present; and (3) identify the methods and practices of inquiry associated with theoretical advances in a humanities discipline.

To fulfill the humanities requirement, complete **six hours** from the following courses:

Architecture

- ARC 212 History and Theory I: 15th-17th Centuries
ARC 213 History and Theory II: 18th-19th Centuries

Art

- A-H 105 Ancient Through Medieval Art
A-H 106 Renaissance Through Modern Art
A-H 312 Studies in Greek Art (Subtitle required)
A-H 313 Studies in Roman Art (Subtitle required)
A-H 322 Byzantine Art
A-H 323 Studies in Western Medieval Art (Subtitle required)
A-H 334 Renaissance Art
A-H 335 Studies in Early Modern Art, 1500-1700 (Subtitle required)
A-H 340 European Art 1850-1900: Realism, Impressionism and Post-Impressionism
A-H 341 20th Century Modernism
A-H 342 Studies in American Art (Subtitle required)

Classics

- CLA 100 Ancient Stories in Modern Films
CLA 135 Classical Mythology
CLA 210 The Art of Greece and Rome
CLA 261 Literary Masterpieces of Greece and Rome

English

- ENG 230 Introduction to Literature: (Subtitle required)
ENG 231 Literature and Genre: (Subtitle required)
ENG 232 Literature and Place: (Subtitle required)
ENG 233 Literature and Identities: (Subtitle required)
ENG 234 Introduction to Women's Literature: (Subtitle required)
ENG 261 Survey of Western Literature from the Greeks Through the Renaissance
ENG 262 Survey of Western Literature from 1660 to the Present
ENG 270 The Old Testament as Literature
ENG 271 The New Testament as Literature
ENG 331 Survey of British Literature I
ENG 332 Survey of British Literature II
ENG 334 Survey of American Literature I
ENG 335 Survey of American Literature II

French

- FR 261 Masterpieces of French Literature in Translation
FR 465G Topics in French Literature and Culture in Translation (Subtitle required)

German

- GER 103 Fairy Tales in European Context
GER 263 The German Cultural Tradition I
GER 264 The German Cultural Tradition II

History

- HIS 104 A History of Europe Through the Mid-Seventeenth Century
HIS 105 A History of Europe From the Mid-Seventeenth Century to the Present
HIS 106 Western Culture: Science and Technology I
HIS 107 Western Culture: Science and Technology II
HIS 108 History of the United States Through 1865
HIS 109 History of the United States Since 1865
HIS 202 History of the British People to the Restoration
HIS 203 History of the British People Since the Restoration

History, continued

- HIS 229 The Ancient Near East and Greece to the Death of Alexander the Great
HIS 230 The Hellenistic World and Rome to the Death of Constantine
HIS 370 Early Middle Ages
HIS 371 Later Middle Ages
HIS 385 History of Russia to 1825
HIS 386 History of Russia Since 1825

Honors

Honors students with a score of 29 or better on the English component of the ACT may satisfy both the University Writing requirement and the Humanities requirement by passing three colloquia. Those with less than 29 on the English component of the ACT may satisfy both requirements by passing four colloquia. Honors students who complete all four colloquia also satisfy the six-hour elective requirement (X. Electives, below). These students do not receive an extra six hours of credit, since credit is already applied toward the Humanities and the writing portions of University Studies.

- HON 101 The Ancient World
HON 102 The Medieval and Renaissance World
HON 201 The Early Modern World
HON 202 The Contemporary World

Interior Design

- ID 142 History and Theory of Interior Design

Music

- MUS 100 Introduction to Music
MUS 201 Music in Western Culture to 1700
MUS 202 Music in Western Culture, 1700 - Present
MUS 206 American Music
MUS 220 Symphonic Music
MUS 221 Survey of Vocal Music: Opera, Art Song, Choral Music
MUS/AAS 300 History of Jazz

Philosophy

- PHI 100 Introduction to Philosophy: Knowledge and Reality
PHI 130 Introduction to Philosophy: Morality and Society
PHI 260 History of Philosophy I: From Greek Beginnings to the Middle Ages
PHI 270 History of Philosophy II: From the Renaissance to the Present Era

Russian and Eastern Studies

- RAE 324 Jewish Thought and Culture I: From Ancient Israel to the Middle Ages
RAE 325 Jewish Thought and Culture II: From the Expulsion from Spain to the Present
RAE 380 Survey of Nineteenth-Century Russian Literature (in English)
RAE 390 Modern Russian Literature (in English)

Theatre

- TA 380 History of Theatre I
TA 381 History of Theatre II

Women's Studies

- WS 201 Introduction to Women's Studies in the Arts and Humanities

IX. CROSS-CULTURAL (one course)

Upon completion of the cross-cultural requirement, students will be able to: (1) describe some of the major developments in at least one non-Western culture; and (2) demonstrate an understanding of the impact of cultural differences on social interactions.

To fulfill the cross-cultural requirement, complete **one** of the following courses:

A-H 307	Ancient Near Eastern and Egyptian Art	HIS 207	History of Modern Latin America, 1810 to Present
A-H 308	Studies in African Art (Subtitle required)	HIS 247	History of Islam and Middle East Peoples, 500-1250 A.D.
AAS 254	History of Sub-Saharan Africa	HIS 248	History of Islam and Middle East Peoples, 1250 to the Present
AAS 263	African and Caribbean Literature and Culture of French Expression in Translation (Subtitle required)	HIS 254	History of Sub-Saharan Africa
AAS 264	Major Black Writers	HIS 295	East Asia to 1800
AAS 328	Geography of the Middle East and North Africa	HIS 296	East Asia Since 1800
AAS 336	Geography of Sub-Saharan Africa	HIS 536	Intellectual and Cultural History of Russia to 1800
AAS 417G	Survey of Sub-Saharan Politics	HIS 548	History of the Middle East: 1453-1920
AAS 431G	Cultures and Societies of Sub-Saharan Africa	HIS 549	History of the Middle East: 1952 to Present
ANT 160	Cultural Diversity in the Modern World	HIS 561	The Intellectual and Cultural History of Latin America
ANT 221	Native People of North America	HIS 562	Modern Mexico
ANT 241	Origins of Old World Civilization	HIS 593	East Asian History Since World War II
ANT 242	Origins of New World Civilization	HIS 597	Westerners in East Asia, 1839 to the Present
ANT 320	Andean Civilization	HIS 598	China in Revolution, 1895-1976
ANT 321	Introduction to Japanese Culture, Meiji (1868) to Present	JPN 283	Japanese Film
ANT 322	Aztec and Maya Civilization	JPN 320	Introduction to Japanese Culture, Pre-Modern to 1868
ANT 323	Peoples of the Pacific Islands	JPN 321	Introduction to Japanese Culture, Meiji (1868) to Present
ANT 324	Contemporary Latin American Cultures	JPN 334	Environment, Society and Economy of Japan
ANT 327	Culture and Societies of India	LAS 201	Introduction to Latin America
ANT 431G	Cultures and Societies of Sub-Saharan Africa	MAT 247	Dress and Culture
ENG 264	Major Black Writers	MUS 330	Music of the World (subtitle required)
ENG 283	Japanese Film	PHI 343	Asian Philosophy
EPE 555	Comparative Education	PHI 504	Islamic and Jewish Philosophy and the Classical Tradition
FAM 258	Child Development and Family Life in Japan and China	PS 212	Culture and Politics in the Third World
FR 263	African and Caribbean Literature and Culture of French Expression in Translation (Subtitle required)	PS 417G	Survey of Sub-Saharan Politics
GEO 160	Lands and Peoples of the Non-Western World	PS 420G	Governments and Politics of South Asia
GEO 260	Third World Development	PS 428G	Latin American Government and Politics
GEO 324	Geography of Central and South America and the Caribbean	RAE 270	Introduction to Russian Culture
GEO 328	Geography of the Middle East and North Africa	RAE 280	Introduction to Modern Russian Culture
GEO 330	Geography of South Asia	RAE 328	Islamic Civilization I
GEO 332	Geography of Southeast Asia	RAE 330	Islamic Civilization II
GEO 333	Geography of East Asia	RAE 370	Russian Folklore (in English)
GEO 334	Environment, Society and Economy of Japan	SOC 380	Development of Non-Western Societies
GEO 336	Geography of Sub-Saharan Africa	SPA 314	Civilization of Spanish America
HIS 206	History of Colonial Latin America, 1492-1810	UK 301	Cross-Cultural Studies (Subtitle required)

X. ELECTIVES (six hours)

With the approval of the advisor, students must complete six hours of electives, three hours of which must be outside the student's major. Some colleges may have additional information on the selection of these electives, so contact your advisor for more information.

COMMUNITY COLLEGE TRANSFER WORK

UK participates in the General Education Transfer Agreement (GETA). Refer to the University *Bulletin* for information on GETA; or, visit the Council on Postsecondary Education web site at: www.cpe.state.ky.us/going2/going2_transfer_planning.asp.

The following courses from the Kentucky Community College and Technical System and Lexington Community College have been approved to apply toward completion of USP discipline requirements:

BIO 104	Animal Biology – VI. Natural Sciences	GLY 102	Historical Geology – VI. Natural Sciences
BIO 105	Animal Biology Laboratory – VI. Natural Sciences	GLY 111	Laboratory for Physical Geology – VI. Natural Sciences
BIO 106	Principles of Plant Biology – VI. Natural Sciences	HUM 135	Introduction to Native American Literature – IX. Cross Cultural
BSL 110	Human Anatomy and Physiology I – VI. Natural Sciences	HUM 230	Twentieth Century Japanese Literature – IX. Cross Cultural (credit available only at Somerset Community College)
BSL 111	Human Anatomy and Physiology II – VI. Natural Sciences	PY 110	General Psychology – VII. Social Sciences
CHM 105	General College Chemistry Laboratory I – VI. Natural Sciences	RS/ANT 130	Introduction to Comparative Religion – IX. Cross Cultural
CHM 107	General College Chemistry Laboratory II – VI. Natural Sciences		
GLY 101	Physical Geology – VI. Natural Sciences		