PRE-BACCALAUREATE PROGRAM

Note: The following information is based on the USP requirements for 2004-2005. For updated information, please consult the UK *Bulletin*

As one of its principal functions, BCTC offers two years of transfer work toward most baccalaureate degrees. Students planning to transfer to a four-year college or university should consult with their advisor about appropriate programs of study and should familiarize themselves with the catalogs of the institutions to which they plan to transfer since programs of study vary somewhat from one institution to another.

The following are among the major undergraduate fields of study offered by the University of Kentucky: Agriculture; Architecture; Arts and Sciences, including such majors as Anthropology, Biology, Chemistry, English, Foreign Languages, Geography, Geology, History, Mathematics, Philosophy, Physics, Political Science, Psychology, and Sociology; Business and Economics; Communications and Information Studies; Education; Engineering; Fine Arts; Health Sciences; Human Environmental Sciences; Nursing; Pharmacy; Pre-Dentistry; Pre-Law; Pre-Medicine; Pre-Veterinary Medicine; and Social Work.

UK UNIVERSITY STUDIES PROGRAM

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

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, comple one of the following:

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

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 , 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.

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 effectively communicate ideas through written work for various audiences.

To fulfill the University Studies 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" in the UK Bulletin on pages 64-65 in the *Academic Requirements* section for more 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 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 offer 102 as needed.

V. ORAL COMMUNICATION

Suspension of the 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.

Please check with the UK college advisor or college dean 's office for updated information on individual program information.

Previous Oral Communication Requirement

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

With the approval of your advisor, the oral communication requirement may be fulfilled by completing 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

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

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

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, comple 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
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 six-hour elective (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
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
A-H 308 Studies in African Art (Subtitle required)
AAS 254 History of Sub-Saharan Africa
AAS 263 African and Caribbean Literature and Culture of French Expression in Translation (Subtitle required)
AAS 264 Major Black Writers
AAS 328 Geography of the Middle East and North Africa
AAS 336 Geography of Sub-Saharan Africa
AAS 417G Survey of Sub-Saharan Politics
AAS 431G Cultures and Societies of Sub-Saharan Africa
ANT 160 Cultural Diversity in the Modern World
ANT 221 Native People of North America
ANT 241 Origins of Old World Civilization
ANT 242 Origins of New World Civilization
ANT 320 Andean Civilization
ANT 321 Introduction to Japanese Culture, Meiji (1868) to Present
ANT 322 Aztec and Maya Civilization
ANT 323 Peoples of the Pacific Islands
ANT 324 Contemporary Latin American Cultures
ANT 327 Culture and Societies of India
ANT 431G Cultures and Societies of Sub-Saharan Africa
ENG 264 Major Black Writers
ENG 283 Japanese Film
EPE 555 Comparative Education
FAM 258 Child Development and Family Life in Japan and China
FR 263 African and Caribbean Literature and Culture of French Expression in Translation (Subtitle required)
GEO 160 Lands and Peoples of the Non-Western World
GEO 260 Third World Development
GEO 324 Geography of Central and South America and the Caribbean
GEO 328 Geography of the Middle East and North Africa
GEO 330 Geography of South Asia
GEO 332 Geography of Southeast Asia
GEO 333 Geography of East Asia
GEO 334 Environment, Society and Economy of Japan
GEO 336 Geography of Sub-Saharan Africa
HIS 206 History of Colonial Latin America, 1492-1810
HIS 207 History of Modern Latin America, 1810 to Present
HIS 247 History of Islam and Middle East Peoples, 500-1250 A.D.
HIS 248 History of Islam and Middle East Peoples, 1250 to the Present
HIS 254 History of Sub-Saharan Africa
HIS 295 East Asia to 1800
HIS 296 East Asia Since 1800
HIS 536 Intellectual and Cultural History of Russia to 1800
HIS 548 History of the Middle East: 1453-1920
HIS 549 History of the Middle East: 1952 to Present
HIS 561 The Intellectual and Cultural History of Latin America
HIS 562 Modern Mexico
HIS 593 East Asian History Since World War II
HIS 597 Westerners in East Asia, 1839 to the Present
HIS 598 China in Revolution, 1895-1976
JPN 283 Japanese Film
JPN 320 Introduction to Japanese Culture, Pre-Modern to 1868
JPN 321 Introduction to Japanese Culture, Meiji (1868) to Present
JPN 334 Environment, Society and Economy of Japan
LAS 201 Introduction to Latin America
MAT 247 Dress and Culture

MUS 330 Music of the World (subtitle required)
PHI 343 Asian Philosophy
PHI 504 Islamic and Jewish Philosophy and the Classical Tradition
PS 212 Culture and Politics in the Third World
PS 417G Survey of Sub-Saharan Politics
PS 420G Governments and Politics of South Asia
PS 428G Latin American Government and Politics
RAE 270 Introduction to Russian Culture
RAE 280 Russian and Soviet Culture of the 20th Century
RAE 328 Islamic Civilization I
RAE 330 Islamic Civilization II
RAE 370 Russian Folklore (in English)
SOC 380 Development of Non-Western Societies
SPA 314 Civilization of Spanish America
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.

Change in Program Requirements

When requirements for a degree program are changed after a student has enrolled in it, the student has the option of fulfilling either the old or the new requirements.

In fulfilling the old requirements, if a student finds necessary courses have been eliminated or substantially revised, the student may substitute other courses with the approval of the President. In this eventuality, however, the student shall not be forced to comply with the new requirements.

However, if a student interrupts work in the program or Bluegrass Community and Technical College for more than two semesters, then the President shall determine which requirements the student shall fulfill.

If the curriculum revision is required by an external accreditation or certification body, and this body submits a written statement to the College that the accreditation of a program or certification of its graduates is in jeopardy unless students fulfill the new requirements, the option of fulfilling the old requirements shall not apply.

GENERAL EDUCATION PROGRAM

Note: The following information is based on the General Education Program for 2004-2005. For updated information, see the catalog online at www.bluegrass.kctcs.edu/lcc/reg/

Mission Statement: *The General Education Program at Bluegrass Community and Technical College provides an inclusive student-centered learning community which offers a wide range of courses in all areas of the basic requirements for associate and baccalaureate degrees. The General Education Program helps students become intellectually flexible, articulate, creative, and prepared for continuous growth.*

An institution of higher learning must do more than prepare students for a job or career. The overall goal of education must be to help students become productive people who are aware of the ideas and aspirations which motivate human thought and action, and who can successfully use their understanding of the world, themselves, and their roles in society. Education is a shared responsibility among college students, faculty, and administration. Since lifelong learning is necessary for living in a constantly changing society, the general education core exposes students to a variety of learning experiences.

There must be sufficient breadth and depth in the curriculum to meet the needs, interest, and abilities of all students. A general education core curriculum will ensure that Bluegrass Community and Technical College graduates well-educated men and women who are intellectually flexible, articulate, creative, and prepared for continuous growth. For all students, this implies some understanding of the world of work and career fields and an understanding of their own abilities, interests, and needs. The general education core curriculum will also help students to develop their own values, to pursue goals, and to contribute to the political, moral, social, and cultural enrichment of society.

General Education Learning Outcomes

Upon completion of an associate degree program (AA, AS, AAS), the graduate will:

Communicate effectively
- Write clearly
- Speak clearly
- Read with comprehension
- Listen with comprehension
- Use symbolic language
- Work cooperatively with others
- Use technology to process information

Think critically
- Demonstrate problem solving skills
- Analyze/interpret creative expressions, resources, and/or data
- Integrate knowledge
- Use logical thinking to draw conclusions

Learn independently
- Find, evaluate, and use resources effectively
- Apply learning
- Think creatively
- Value new ideas and differing perspectives

Examine relationships in diverse and complex environments
- Define the relationship of self to historical and cultural context
- Define the relationship of self to the biological/physical environment
- Define the relationship of self to the global community
- Use mathematics to analyze physical relationships.

General Education Courses

I. Written Communication:

ENG	101	Writing I	(3)
ENG	102	Writing II	(3)
ENG	105	Writing I and II	(3)

II. Oral Communication:

To communicate in a clear oral and non-verbal fashion and employ active listening skills.

COM	181	Basic Public Speaking	(3)
COM	252	Introduction to Interpersonal Communication	(3)
COM	281	Communication in Small Groups	(3)
COM	287	Persuasive Speaking	(3)

III. Math:

MA	109	College Algebra	(3)
MA	110	Analytic Geometry and Trigonometry	(4)
MA	111	Introduction to Contemporary Mathematics	(3)
MA	112	Trigonometry	(2)
MA	113	Calculus I	(4)
MA	114	Calculus II	(4)
MA	123	Elementary Calculus and Its Applications	(3)
MA	162	Finite Mathematics and Its Applications	(3)
MA	201	Mathematics for Elementary Teachers	(3)
MA	202	Mathematical Problem Solving for Elementary Teachers	(3)
MA	213	Calculus III	(4)
MA	214	Calculus IV	(3)
MA	241	Geometry for Middle School Teachers	(3)
MAH	121*	Mathematics for Business	(3)
MAH	125*	Technical Mathematics	(3)
MAH	155*	Applied Mathematics	(3)
STA	200	Statistics: A Force in Human Judgment	(3)
STA	291	Statistical Method	(3)

**MAH courses do not fulfill the requirements for AA/AS degrees or general education transfer requirements.*

IV. Natural Sciences:

ANA	209	Principles of Human Anatomy	(3)
AST	191	The Solar System	(3)
AST	192	Stars, Galaxies and the Universe	(3)
BIO	102	Human Ecology	(3)
BIO	103	Basic Ideas of Biology	(3)
BIO	103	Basic Ideas of Biology	(3)
	and		
BIO	111	General Biology Laboratory	(1)
BIO	150	Principles of Biology I	(3)

BIO	150	Principles of Biology I ..... (3)
	and	
BIO	151	Principles of Biology Laboratory I (2)
BIO	152	Principles of Biology II..... (3)
BIO	152	Principles of Biology II..... (3)
	and	
BIO	153	Principles of Biology Laboratory II ..... (2)
BIO	208	Principles of Microbiology ..... (3)
BIO	208	Principles of Microbiology ..... (3)
	and	
BIO	209	Introductory Microbiology Laboratory ..... (2)
BSL	110	Human Anatomy and Physiology I ..... (4)
BSL	111	Human Anatomy and Physiology II ..... (4)
BSL	214	Medical Microbiology ..... (4)
CHE	104	Introductory General Chemistry ... (3)
CHE	104	Introductory General Chemistry ... (3)
	and	
CHM	104	Introductory General Chemistry Laboratory ..... (1)
CHE	105	General College Chemistry I ..... (3)
CHE	105	General College Chemistry I ..... (3)
	and	
CHM	105	General College Chemistry Laboratory I ..... (2)
CHE	106	Introduction to Inorganic, Organic and Biochemistry ..... (4)
CHE	107	General College Chemistry II ..... (3)
CHE	107	General College Chemistry II ..... (3)
	and	
CHE	115	General Chemistry Laboratory ..... (3)
CHE	107	General College Chemistry II ..... (3)
	and	
CHM	107	General College Chemistry Laboratory II ..... (2)
CHE	230	Organic Chemistry I..... (3)
CHE	230	Organic Chemistry I..... (3)
	and	
CHE	231	Organic Chemistry Laboratory ..... (2)
CHE	232	Organic Chemistry II ..... (3)
CHE	232	Organic Chemistry II ..... (3)
	and	
CHE	233	Organic Chemistry Laboratory ..... (3)
CHM	101	Chemistry: A Cultural Approach. (3)
CHM	111	General Chemistry I and Lab..... (5)
CHM	112	General Chemistry II and Lab..... (5)
EST	150	Introductory Ecology ..... (4)
EST	160	Hydrologic Geology..... (3)
GEO	130	Earth's Physical Environment…….(3)
GLY	130	Dinosaurs and Disasters..... (3)
GLY	220	Principles of Physical Geology..... (4)
PH	171	Applied Physics .....(4)
PH	172	Physics for Health Sciences .....(2)
PHY	151	Introduction to Physics..... (3)
PHY	152	Introduction to Physics.....(3)
PHY	160	Physics and Astronomy for Elementary Teachers .....(3)
PHY	211	General Physics .....(5)
PHY	213	General Physics .....(5)
PHY	231	General University Physics ..... (4)
PHY	231	General University Physics ..... (4)
	and	
PHY	241	General University Physics Lab....(1)
PHY	232	General University Physics ..... . (4)
PHY	232	General University Physics ..... (4)
	and	
PHY	242	General University Physics Lab....(1)
PGY	206	Elementary Physiology……...(3)

V. Social/Behavioral Sciences:

ANT	101	Introduction to Anthropology….....(3)
ANT	*130**	*Intro to Comparative Religion* .....(3)
ANT	160	Cultural Diversity in the Modern World (3)
ANT	220	Intro to Cultural Anthropology .....(3)
ANT	*221*	*Native People of North America ...(3)*
ANT	*241*	*Origins of Old World Civilization..(3)*
ANT	*242*	*Origins of New World Civilization.(3)*
COM	101	Introduction to Communications... (3)
ECO	101	Contemporary Economic Issues.... (3)
ECO	201	Principles of Economics I.....(3)
ECO	202	Principles of Economics II .....(3)
FAM	252	Introduction to Family Science .....(3)
FAM	253	Human Sexuality: Development, Behavior and Attitudes.....(3)
GEO	152	Regional Geography of the World .(3)
GEO	*160*	*Lands and Peoples of the Non-Western World.....(3)*
GEO	172	Human Geography.....(3)
GEO	210	Pollution, Hazards and Environmental Management……..(3)
GEO	222	Cities of the World .....(3)
GEO	240	Geography and Gender.....(3)
PS	101	American Government .....(3)
PS	*212*	*Culture and Politics in the Third World .....(3)*
PS	235	World Politics.....(3)
PS	255	State Government .....(3)
PS	271	Introduction to Political Behavior. (3)
PSY	100	Introduction to Psychology .....(4)
PSY	223	Developmental Psychology.....(3)
PY	110	General Psychology.....(3)
PY	230	Psychosocial Aspects of Death and Dying .....(3)

SOC	101	Introductory Sociology ..... (3)
SOC	152	Modern Social Problems..... (3)
SOC	235	Inequality in Society ..... (3)
WS	200	Introduction to Women's Studies in the Social Sciences..... (3)

VI. Humanities:

A-H	105	Ancient Through Medieval Art..... (3)
A-H	106	Renaissance Through Modern Art. (3)
ANT	130*	Intro to Comparative Religion ..... (3)
ART	100	Introduction to Art ..... (3)
ENG	230	Introduction to Literature..... (3)
ENG	231	Literature and Genre .....3)
ENG	232	Literature and Place .....3)
ENG	233	Literature and Identities ..... (3)
ENG	234	Intro to Women's Literature ..... (3)
ENG	261	Survey of Western Literature from the Greeks through Renaissance.... (3)
ENG	262	Survey of Western Literature from 1660 to the Present (3)
ENG	*264*	*Major Black Writers* ..... (3)
ENG	281	Introduction to Film……(3)
HIS	104	A History of Europe Through the Mid-Seventeenth Century ..... (3)
HIS	105	A History of Europe From the Mid-17th Century to the Present..... (3)
HIS	106	Western Culture: Science and Technology I ..... (3)
HIS	107	Western Culture: Science and Technology II..... (3)
HIS	108	History of the U.S. Through 1865 . (3)
HIS	109	History of the U.S. Since 1865 ..... (3)
HIS	120	The World at War, 1939-45 ..... (3)
HIS	202	History of British People to the Restoration ..... (3)
HIS	203	History of British People Since the Restoration ..... (3)
HIS	*206*	*History of Colonial Latin America, 1492-1810 ..... (3)*
HIS	*207*	*History of Modern Latin America, 1810 to Present ..... (3)*
HIS	240	History of Kentucky..... (3)
HIS	*247*	*History of Islam and Middle East Peoples, 500-1250 A.D ..... (3)*
HIS	*248*	*History of Islam and Middle East Peoples, 1250 to the Present..... (3)*
HIS	260	Afro-American History to 1865.... (3)
HIS	261	Afro-American History 1865 to Present ..... (3)
HIS	265	History of Women in America……(3)
HUM	*121*	*Intro to Peace Studies ..... (3)*
HUM	*135*	*Intro to Native American Literature(3)*
HUM	240	Appalachian Literature of Kentucky. (3)
HUM	241	Literature of Central Kentucky ..... (3)
HUM	242	Literature of Western Kentucky .... (3)
HUM	245	Seminar in Kentucky Literature..... (3)
MUS	100	Introduction to Music .....(3)
MUS	206	American Music .....(3)
PHI	100	Introduction to Philosophy: Knowledge and Reality .....(3)
PHI	130	Introduction to Philosophy: Morality and Society .....(3)
WS	201	Introduction to Women's Studies in Arts and Humanities .....(3)

Note: The courses listed in italicized print may be used to fulfill the disciplinary requirement under which they are listed or the cross-cultural requirement, but not both.

VII. Cross-Cultural

ANT	130	Intro to Comparative Religion.... ..(3)
ANT	160	Cultural Diversity in the Modern World……..(3)
ANT	221	Native People of North America…(3)
ANT	241	Origins of Old World Civilization…….(3)
ANT	242	Origins of New World Civilization(3)
ENG	264	Major Black Writers……...(3)
GEO	160	Lands and Peoples of the Non-Western World……...(3)
HIS	206	History of Colonial Latin America, 1492-1810 ……..(3)
HIS	207	History of Modern Latin America, 1810 to Present……..(3)
HIS	247	History of Islam and Middle East Peoples, 500-1250 A.D……(3)
HIS	248	History ofIslam and Middle East Peoples, 1250 to present……(3)
HUM	121	Intro to Peace Studies .....(3)
HUM	135	Intro to Native American Literature(3)
PS	212	Culture and Politics in the Third

Foreign Languages

CHI	101	Beginning Chinese I……...(4)
CHI	102	Beginning Chinese II……..(4)
FR	101	Elementary French.....(4)
FR	102	Elementary French.....(4)
GER	101	Basic German .....(4)
GER	102	Basic German .....(4)
JPN	101	Beginning Japanese I……..(4)
JPN	102	Beginning Japanese II……(4)
SED	101	American Sign Language I…….(3)
SED	102	American Sign Language II……(3)
SED	203	American Sign Language III……..(3)
SED	204	American Sign Language IV……..(3)
SPA	101	Elementary Spanish I.....(4)
SPA	102	Elementary Spanish II .....(4)
SPA	201	Intermediate Spanish III .....(3)
SPA	202	Intermediate Spanish IV.....(3)

**This course may be used to fulfill only one competency.*

Note: The courses in italicized print may be used to fulfill the cross-cultural requirement at the University of Kentucky.

GENERAL EDUCATION CREDIT HOUR REQUIREMENTS

	REQUIRED AREAS OF STUDY	ASSOCIATE IN APPLIED SCIENCE
I.	Writing*	3-6
II.	Oral Communication	3
III.	Mathematics	3
IV.	Science	3
V.	Social Interaction	3
VI.	Heritage/Humanities	3
	TOTAL**	18-21***

*ENG 105 fulfills the Writing requirement for students who qualify for admission by ACT score and special examination.
**Developmental/remedial courses (courses numbered 001-099 or designated with an "R") may not be used to satisfy graduation requirements.
***The Associate in Applied Science degree is awarded to community college students who complete a prescribed curriculum in a technical major, including the specified general education requirements, with a grade-point average of at least 2. 0 (C).

If a course can be used to satisfy a general education requirement, the Roman Numeral for the general education area is listed at the end of the course description.