

# TRANSFER GUIDE

## PIKEVILLE COLLEGE AND KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

### BIOLOGY MAJOR

#### The Bachelor of Arts or Bachelor of Science Degree in Biology

In order to graduate from Pikeville College, students must complete the Pikeville College "Core Requirements" in the liberal arts and a major (see page two) with Pikeville College.

PC CORE REQUIREMENTS	KCTCS CORE, GEN ED AND PRE-MAJOR REQUIREMENTS
ENG 111 Composition I <b>or</b> ENG 114 Honors Composition I (3)	ENG 101 Writing I
ENG 112 Composition II <b>or</b> ENG 115 Honors Composition II (3)	ENG 102 Writing II
COM 225 Public Speaking (3)	COM 181 Basic Public Speaking
MTH 113 Precalculus Algebra (3) <b>and</b> MTH 114 Trigonometry (2) <b>or</b> MTH 121 Calculus I (4)	MT 150 College Algebra and Functions MT 155 Trigonometry MA 113 Calculus I
CS 101 Computer Literacy ( <b>or higher</b> ) <b>or</b> BUS 215 Computer Applications for Business (3)	CIS 100 Introduction to Computers or CS 101 Introduction to Computing I or CIS 130 Microcomputer Applications & Development
Six (6) Hours Religion to include REL 213 Old Testament Introduction <b>or</b> REL 214 New Testament Introduction <b>and/or</b> Religion Elective (6)	RS 120 Introduction to Old Testament/ENG 270 Old Testament Literature or RS 121 Introduction to the New Testament/ENG 271 New Testament Literature <b>and</b> Elective may include ANT 130 <b>or</b> RS 130 Introduction to Comparative <b>or</b> Religious Studies may be completed at Pikeville College to total 6 hours
Nine (9) Hours of electives from three (3) humanities disciplines (Art, Communication, Humanities, Literature, Music, or Philosophy). (9)	May include 9 hours from ART 100 Introduction to Art; COM 101 Introduction to Communications; HUM 120 Introduction to the Humanities; ENG 161 Introduction to Literature; MUS 100 Introduction to Music; PHI 130 Introduction to Philosophy; (Other, or higher level courses in these disciplines may also be approved).
Science/Foreign Language Options: (4-8 hrs.) a) Two (2) lab sciences for total of 8 hours <b>or</b> b) One (1) lab science PLUS six (6) hours Foreign Language	May include any science course with a lab: (4 or 8 hours required, depending on the degree option chosen).  May include SPA 101-102 Elementary Spanish I and II; FR 101-102 Elementary French; GER 101-102 Basic German
History Sequence, choose <b>either</b> HIS 221/222 (World Civilization) <b>or</b> HIS 225/226 (American History) (6)	Either of the following sequence will meet the core requirement: HIS 106-107 Western Culture I and II, HIS 104-105 A History of Europe (through 17 <sup>th</sup> century and to the present), <b>or</b> HIS 108-109 History of the U.S. I and II; in addition, students majoring in history or education will need to take World Civilization at Pikeville College.
6 Hours from two (2) different Social Sciences disciplines (ANT, ECN, GEG, PLS, PSY, SOC) (6)	ANT 120 Introduction to Anthropology; ECO 201 or 202 Principles of Micro/Macro Economics; GEO 152 Regional Geography of the World or GEO 172 Human Geography; PS 101 American Government; PY 110 General Psychology or PSY 100 Introduction to Psychology; SOC 101 Introduction to Sociology; (Other, or higher level courses in these disciplines may also be approved).
Two (2) hours Health or P.E. (2)	KHP Activity Courses (2 hours)

## Biology Major Requirements

Biology Major Requirements	KCTCS Courses that meet the Pikeville College Biology Major requirements
<b>Related Studies Requirements:</b> (29 hrs)	
CHE 113 General Chemistry I (3)	CHE 105 General College Chemistry I
CHE 114 General Chemistry II (3)	CHE 107 General College Chemistry II
CHE 115 General Chemistry Laboratory I (1)	CHE 115 General Chemistry Lab
CHE 116 General Chemistry Laboratory II (1)	
CHE 313 Organic Chemistry I (4)	CHE 230 Organic Chemistry I
CHE 314 Organic Chemistry II (4)	CHE 232 Organic Chemistry II
CHE 315 Organic Chemistry I Laboratory (1)	CHE 231 Organic Chemistry Laboratory I
CHE 316 Organic Chemistry II Laboratory (1)	CHE 233 Organic Chemistry Laboratory II
MTH 113 Precalculus Algebra (3)	MT 150 College Algebra and Functions
<b>and</b>	
MTH 114 Trigonometry (2)	MT 155 Trigonometry
<b>or</b>	
MTH 121 Calculus I (4)	MA 113 Calculus I
PHY 223 General Physics I (4)	PHY 231 General University Physics PHY 241 General University Physics Laboratory
PHY 224 General Physics II (4)	PHY 232 General University Physics PHY 242 General University Physics Laboratory
<b>Total Hours Required : 34 -- (17 hours must be completed at Pikeville College)</b>	
<b>Biology Requirements:</b> (24 hrs)	
BIO 151 Principles of Biology I (4)	BIO 150 Principles of Biology I BIO 151 Principles of Biology I Lab
BIO 152 Principles of Biology II (4)	BIO 152 Principles of Biology II BIO 153 Principles of Biology II Lab
BIO 310 Evolution and Ecology (3)	Complete at Pikeville College
BIO 320 Genetics (4)	Complete at Pikeville College
BIO 350 Microbiology (4)	BIO 226 Principles of Microbiology BIO 227 Principles of Microbiology with Laboratory
BIO 420 General Physiology (4)	Complete at Pikeville College
BIO 480 Seminar in Biology (1)	Complete at Pikeville College
<b>Biology Electives:</b> (10 hrs)	
BIO 313 Botany (4)	Complete at Pikeville College
BIO 314 Zoology (4)	Complete at Pikeville College
BIO 321 Invertebrate Zoology (4)	Complete at Pikeville College
BIO 330 Comparative Anatomy of the Vertebrates (4)	Complete at Pikeville College
BIO 400 Molecular Biology of the Cell (3)	Complete at Pikeville College
BIO 402 General Parasitology (4)	Complete at Pikeville College
BIO 405 Embryology (4)	Complete at Pikeville College
BIO 411 Ecology II (4)	Complete at Pikeville College
BIO 430 Immunology (3)	Complete at Pikeville College
BIO 440 Histology (4)	Complete at Pikeville College
BIO 441 Neurobiology (3)	Complete at Pikeville College
BIO 490 Special Topics (1-4)	Complete at Pikeville College
BIO 499 Directed Independent Study (1-4)	Complete at Pikeville College
<b>General Electives</b> to meet the 128 hour requirements	May include other BIO/CHE credits from KCTCS.

### TRANSFER NOTES:

- Only courses with a "C" grade or better will transfer. Other general requirements for degrees awarded by Pikeville College are listed in the Pikeville College Catalog.
- General Requirements for a bachelor degree at Pikeville College include, but are not limited to the following:
  - Must complete 50% of the major and 25% of the total hours (128) at Pikeville College
  - Must earn 60 credit hours from a four-year institution
  - Must complete 42 hours of upper level (300 and 400) courses
  - Other requirements may be found in the Pikeville College Catalog
- Course offerings and academic regulations in the college catalog are accurate at the date of this publication, but are subject to change as deemed appropriate by Pikeville College in order to fulfill its mission or to accommodate circumstances beyond its control. Any such changes may be implemented without prior notice and without obligation and, unless otherwise specified, are effective when made.

## Contacts

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