

Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
Semester One: [16 Credit Hours]				
Students not placed into MATH 12002 (required in semester 3) should take MATH 11010 or 12022 in first year of study				
BCSI 10110 Biological Diversity	4			
CHEM 10060 General Chemistry I	4			Fulfills LER Basic Sciences; both courses must be taken together
CHEM 10062 General Chemistry I Laboratory	1			
ENG 11011 College Writing I <i>or</i> LER Humanities	3			Enrollment based on placement tests; ENG 11011 fulfills LER Composition. Visit www.kent.edu/catalog and search "LER"
US 10097 Destination Kent State: FYE	1			Not required for transfer students with 25 credits
LER Humanities or Fine Arts	3			Should fulfill diversity requirement; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
Semester Two: [15 Credit Hours]				
BCSI 10120 Biological Foundations	4			
CHEM 10061 General Chemistry II	4			Fulfills LER Basic Sciences; both courses must be taken together
CHEM 10063 General Chemistry II Laboratory	1			
LER Humanities <i>or</i> ENG 11011 College Writing I	3			ENG 11011 fulfills LER Composition. Visit www.kent.edu/catalog and search "LER" for course lists
LER Social Sciences	3			
Semester Three: [15 Credit Hours]				
BSCI 30360 General Ecology	4	■		Offered in fall semesters only
ENG 21011 College Writing II <i>or</i> LER Additional	3			ENG 21011 fulfills LER Composition. Visit www.kent.edu/catalog and search "LER" for course lists
MATH 12002 Analytic Geometry and Calculus I	5			Fulfills LER Mathematics and Critical Reasoning
LER Fine Arts	3			Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
Semester Four: [16 Credit Hours]				
BSCI 30156 Elements of Genetics	3	■		
LER Additional <i>or</i> ENG 21011 College Writing II	3			ENG 21011 fulfills LER Composition. Visit www.kent.edu/catalog and search "LER" for course lists
LER Social Sciences	3			
Geography Elective	3			See note 1 on page 2
Major Elective	4			See note 5 on page 2
Semester Five: [15-16 Credit Hours]				
BSCI 40374 Conservation Biology	4	■		Offered in fall semesters only
GEOG 11040 Earth Dynamics	3			Fulfills LER Basic Sciences; both courses must be taken together
GEOG 11041 Earth Dynamics Laboratory	1			
GEOG 39002 Statistical Methods in Geography <i>or</i> GEOL 42035 Scientific Methods in Geology	3	■		
Foreign Language (Elementary I)	4-5			
Semester Six: [13-16 Credit Hours]				
Foreign Language (Elementary II)	4-5			
Geography Elective	3	■		See note 1 on page 2
Geology Elective	3-4	■		See note 2 on page 2
Zoology Elective	3-4	■		See note 3 on page 2

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Semester Seven: [14-15 Credit Hours]				
BSCI 40163 Organic Evolution	3	■		
BSCI 40600 Writing in Biological Sciences	1	■	C	Fulfills writing-intensive course requirement
LER Additional	3			Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
Botany Elective	4	■		See note 4 below
Geology Elective	3-4	■		See note 2 below
Semester Eight: [16 Credit Hours]				
Geography Elective	3	■		See note 1 below
Major Electives	10	■		See note 5 below
General Elective (lower or upper division)	4			Number of credits required depends on meeting minimum 121 credit hours

Graduation Requirements Summary

Total Hours	Upper-Division Hours	Liberal Education Requirements Hours	Diversity Course Global / Domestic	Writing-Intensive	Minimum	
					Major GPA	Overall GPA
121	42	45	LER	BSIC 40600	2.0	2.0

Note 1: Geography electives (9 credit hours), choose from the following:

GEOG 31062 Fundamentals of Meteorology	3	GEOG 41082 Geography of Soils	3
GEOG 31064 Principles of Climatology	3	GEOG 49070 Geographic Information Science	3
GEOG 41066 Climate Change and Its Impact	3	GEOG 49080 Advanced Geographic Information Science	3
GEOG 41073 Conservation of Natural Resources	3	GEOG 49230 Remote Sensing	3
GEOG 41074 Resource Geography	3		

Note 2: Geology electives (6-8 credit hours), choose from the following:

GEOL 32066 Geomorphology	4	GEOL 42069 Hydrogeochemistry	3
GEOL 41077 Geology of the National Parks	3	GEOL 42078 Engineering Geology	4
GEOL 42067 Introductory Hydrogeology	3	GEOL upper-division course with advisor approval	3-4

Note 3: Zoology electives (3-4 credit hours), choose from the following:

BSCI 30560 Invertebrate Zoology	4	BSCI 40515 Animal Behavior	3
BSCI 30580 Entomology	4	BSCI 40525 Wildlife Resources	3
BSCI 30582 Ornithology	4	BSCI 40556 Vertebrate Zoology	4
BSCI 40439 Environmental Physiology	4		

Note 4: Botany electives (4 credit hours), choose from the following:

BSCI 30267 Plant Physiology	4	BSCI 40272 Plant Anatomy	4
BSCI 30274 Forestry	2	BSCI 40275 Systematic Botany	4
BSCI 30275 Local Flora	4	BSCI 40277 Morphology of Lower Plants	4
BSCI 30277 Economic Botany	2		

Note 5: Major electives (14 credit hours), choose from the following:

BSCI upper-division courses	3-14	Maximum 11 credit hours for non BSCI course electives:	
BSCI 30140 Cell Biology *	4	ANTH 48835 Primate Ecology and Conservation	3
CHEM 20481 Basic Organic Chemistry I *	4	CHEM 30476 Organic Chemistry Laboratory II (1)	1
CHEM 30475 Organic Chemistry Laboratory I *	1	CS 10051 Introduction to Computer Science	4
CHEM 30481 Organic Chemistry I *	3	MATH 12003 Analytic Geometry and Calculus II	5
CHEM 30482 Organic Chemistry II *	3		

* Recommended for students continuing onto the graduate program

Liberal Education Requirements (LER)

Students must complete a minimum 36 credit hours of Liberal Education Requirements. Colleges or degree programs may specify certain courses to fulfill the requirements. Courses in the students' major field will not count toward the completion of any LER. Honors equivalents shall satisfy the LER. None of the courses on the LER list may be taken with a pass/fail grade.

Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic focus and one with a global focus. One course must be come from the LER and cannot be in the student's major. The second course may be taken as a second LER; or within a major or minor; or as a general elective; or, with dean's approval, by completing one semester of study in another country.

Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade.

Upper-Division Requirement

In general, baccalaureate programs require the successful completion of at least 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.