

Roadmap: Biology - Bachelor of Arts [AS-BA-BSCI] College of Arts and Sciences Department of Biological Sciences Catalog Year: 2009-2010

# Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
Semester One: [14 Credit Hours]		-		
Placement in MATH courses may require additional	coursework	before the	spring s	emester in first year of enrollment
BSCI 10110 Biological Diversity	4			
ENG 11011 College Writing I <i>or</i> LER Additional	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				Should fulfill diversity requirement; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
MATH 11010 Algebra for Calculus	3			Fulfills LER Mathematics and Critical Reasoning
Semester Two: [16 Credit Hours]				
BSCI 10120 Biological Foundations	4			
LER Additional or ENG 11011 College Writing I	3			ENG 11011 fulfills LER Composition; should
LER Fine Arts	3			fulfill diversity requirement; visit
LER Humanities	3			www.kent.edu/catalog and search "LER" and "diversity" for course lists
LER Social Sciences	3			diversity for course lists
Semester Three: [16 Credit Hours]				
CHEM 10060 General Chemistry I	4			Fulfills LER Basic Sciences
CHEM 10062 General Chemistry I Laboratory	1			
MATH 11022 Trigonometry	2			
ENG 21011 College Writing II or LER Additional	3			ENG 21011 fulfills LER Composition. Should
LER Social Sciences	3			fulfill diversity requirement if not satisfied earlier; visit <u>www.kent.edu/catalog</u> and search "LER" and "diversity" for course lists
General Electives (lower or upper division)	3			
Semester Four: [14 Credit Hours]				
BSCI 30156 Elements of Genetics	3			
CHEM 10061 General Chemistry II	4			Fulfills LER Basic Sciences
CHEM 10063 General Chemistry II Laboratory	1			
LER Additional or ENG 21011 College Writing II	3			ENG 21011 fulfills LER Composition. Should
LER Social Sciences				fulfill diversity requirement if not satisfied earlier; visit <u>www.kent.edu/catalog</u> and search "LER" and "diversity" for course lists
Semester Five: [14-15 Credit Hours]				
BSCI Electives (2 credits must be upper division)	7			Consult with advisor; see note on page 2
Foreign Language (Elementary I)	4-5			
General Electives	3			
Semester Six: [16-17 Credit Hours]				
Foreign Language (Elementary II)	4-5			
BSCI Elective (upper division)	3			Consult with advisor; see note on page 2
General Electives (upper division)	9			
Semester Seven: [16-18 Credit Hours]				
BSCI 40163 Organic Evolution	3			
BSCI 40600 Writing in the Biological Sciences	1		С	Fulfills writing-intensive course requirement
Foreign Language (Intermediate I)	3-5			
BSCI Elective (upper division)	3			Consult with advisor; see note on page 2

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General Electives (upper division)				
Semester Eight: [15-17 Credit Hours]				
Foreign Language (Intermediate II)	3-5			
BSCI Elective (upper division)	3	-		Consult with advisor; see note below
General Electives (upper division)	9			Should fulfill diversity requirement if not satisfied earlier; visit <u>www.kent.edu/catalog</u> and search "LER" and "diversity" for course lists

## Graduation Requirements Summary

Total Hours	Upper-Division Hours	Liberal Education Requirements Hours	Diversity Course Global / Domestic	Writing-Intensive	Mini Major GPA	mum Overall GPA
121	42	57	LER or General Electives	BSCI 40600	2.0	2.0

## Note: BSCI Electives (16 credit hours)

BSCI courses not accepted for credit in the major:

BSCI 10001 Human Biology	Biology 3 BSCI 20022 Basic Microbiology Laboratory		1
BSCI 10002 Ecology, Evolution and Society	3	BSCI 30030 Human Physiology	4
BSCI 20001 Zoological Foundations of Medicine	4	BSCI 30050 Human Genetics	3
BSCI 20020 Biological Structure and Function	5	BSCI 40020 Biology of Aging	3
BSCI 20021 Basic Microbiology	3		-

BSCI courses with a third digit of zero (i.e., 30000, 30030, 30050, 40020) are not accepted for elective credit except by permission of the Biological Sciences advisor and the undergraduate coordinator.

Credit toward the major is not permitted for a mixture of courses from the major series (10110 and 10120) and the non-major series (10001, 10002, 20001, 20020, 20021).

#### Maximum 6 credit hours\* total of any combination of the following courses may be used toward fulfilling electives:

BSCI 40099 Senior Honors Thesis	1-10	BSCI 40193 Variable Title Workshop in Biological Sciences	1-6
BSCI 40191 Senior Seminar	1	BSCI 40196 Individual Investigation	1-3
BSCI 40192 Internship in Biological Sciences	3-12	*maximum 4 credit hours may be S/U gra	

#### 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.