

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 in MATH 12002 (required in semester 5) should take MATH 11010 or 12022 in first two years of study				
BSCI 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 hours
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]				
BSCI 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			Enrollment based on placement tests; ENG 11011 fulfills LER Composition. Visit www.kent.edu/catalog and search "LER"
LER Social Sciences	3			
Semester Three: [16-18 Credit Hours]				
CHEM 20481 Basic Organic Chemistry I <i>or</i> CHEM 30481 Organic Chemistry I	3-4			
CHEM 30475 Organic Chemistry Laboratory I	0-1			CHEM 30475 is optional. If not taken, then CHEM 20482 or 30482 must be taken in semester 4
ENG 21011 College Writing II <i>or</i> LER Additional	3			ENG 21011 fulfills LER Composition. Visit www.kent.edu/catalog and search "LER"
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
LER Social Sciences	3			
Botany Core Course	4	■		See note 1 on page 2
Semester Four: [13-16 Credit Hours]				
BSCI 30156 Elements of Genetics	3	■		
CHEM 20482 Basic Organic Chemistry II <i>or</i> CHEM 30482 Organic Chemistry II	0-3			One course is required if CHEM 30475 wasn't taken in semester 3; see note 1 on page 2
Botany Core Course	4	■		See note 2 on page 2
BSCI or CHEM or PHY Elective	3			See note 3 on page 2
LER Additional <i>or</i> ENG 21011 College Writing II	3			ENG 21011 fulfills LER Composition. Visit www.kent.edu/catalog and search "LER"
Semester Five: [16-17 Credit Hours]				
MATH 12002 Analytic Geometry and Calculus I	5			Enrollment based on placement tests; fulfills LER Mathematics and Critical Reasoning
Foreign Language (Elementary I)	4-5			
BSCI or CHEM or PHY Elective	3			See note 3 on page 2
Botany Core Course	4	■		See note 2 on page 2
Semester Six: [16-17 Credit Hours]				
MATH 12003 Analytic Geometry and Calculus II <i>or</i> MATH 30011 Basic Probability and Statistics	3-5			
Foreign Language (Elementary II)	4-5			
BSCI and/or CHEM and/or PHY Electives	9			See note 3 on page 2

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Semester Seven: [15 Credit Hours]				
BSCI 40163 Organic Evolution	3	■		
BSCI 40600 Writing in the Biological Sciences	1	■	C	Fulfills writing-intensive course requirement
BSCI and/or CHEM and/or PHY Electives	8			See note 3 below
General Elective (upper division)	3	■		
Semester Eight: [12 Credit Hours]				
LER Additional	3			Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
BSCI or CHEM or PHY Elective (upper division)	3	■		See note 3 below
General Electives (upper division)	6	■		

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 or General Electives	BSCI 40600	2.0	2.0

Note 1: CHEM 20482 or 30482 may be substituted with CHEM 30284 Introductory Biological Chemistry with faculty advisor approval.

Note 2: Botany core courses (12 credit hours), choose from the following:

BSCI 30267 Plant Physiology	4	BSCI 40164 Molecular Systematics and Phylogenetics	4
BSCI 30274 Forestry	2	BSCI 40272 Plant Anatomy	4
BSCI 30275 Local Flora	4	BSCI 40277 Morphology of Lower Plants	4
BSCI 30277 Economic Botany	2		

Note 3: BSCI and/or CHEM and/or PHY electives (26 credit hours*), choose from the following:

BSCI courses** (in consultation with advisor)	11-26	PHY 13001 General College Physics I <i>and</i> PHY 13021 General College Physics Laboratory I	5
CHEM 20482 Basic Organic Chemistry II <i>or</i> CHEM 30482 Organic Chemistry II	2-3	<i>OR</i> PHY 23101 General University Physics I	
CHEM 30475 Organic Chemistry Laboratory I	1	PHY 13002 General College Physics II <i>and</i> PHY 13022 General College Physics Laboratory II	5
CHEM 30476 Organic Chemistry Laboratory II	1	<i>OR</i> PHY 23102 General University Physics II	

*Maximum 4 credit hours of these courses may be satisfactory/unsatisfactory (S/U) graded.

**Maximum 6 credit hours of any combination of the following may be used to fulfilling this elective (enrollment in these courses must be determined with a faculty advisor):

BSCI 30005 Career Pathways in Biology	1	BSCI 40192 Internship in Biological Sciences	3-6
BSCI 40099 Senior Honors Thesis	1-3	BSCI 40196 Individual Investigation	1-3
BSCI 40191 Senior Seminar	1		

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.