

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Min. Grade	Important Notes
<b>Semester One: [13-15 Credit Hours]</b>			
<b>US 10097 Destination Kent State: FYE</b>	<b>1</b>		
Kent Core Composition**	3		Enrollment based on placement tests
Kent Core Humanities	3		
Kent Core Mathematics and Critical Reasoning	3-5		Enrollment based on placement tests; *Suggestion: MATH11009 or 11010 (MATH11010 is pre-requisite for 12002, which is required for some programs)
Kent Core Social Sciences	3		*Suggestion: PSYC11762
<b>Semester Two: [13-15 Credit Hours]</b>			
Career Construction	1		7-½ weeks, optional
Kent Core Additional	3		
Kent Core Basic Sciences	2-4		*Suggestion: CHEM10060 (w/ 10062 below)
Kent Core Basic Sciences Laboratory	1		*Suggestion: CHEM10062
Kent Core Social Sciences	3		*Suggestion: GERO14029
Kent Core Fine Arts	3		
<b>Semester Three: [14-19 Credit Hours]</b>			
Career and Life Planning	1		7-½ weeks, optional
Kent Core Composition**	3		Enrollment based on placement tests
Kent Core Additional	3		
Kent Core Basic Sciences	1-4		*Suggestion: CHEM10061 (lab optional) or BSCI10120
Kent Core Humanities and Fine Arts	3		
Elective or Foreign Language (Elementary I)	3-5		

### Requirements Summary

Minimum Total Hours	Minimum Overall GPA
45	2.0

**\*Note on suggested courses:** students may elect any courses that fulfill the Kent Core requirements. Suggestions were generated based on common major requirements within this interest area. In *some* programs, these courses may fulfill both major requirements and Kent Core requirements, while in others they will only count towards the Kent Core. Please see chart below for a detailed listing of program requirements that overlap with the Kent Core for each specific program. Students in the interest area who are heavily leaning towards a specific program are advised to consider courses listed below in lieu of suggested courses.

**\*\*Honors College students will take HONR10197 and 10297 in *semesters 1 and 2*, in lieu of KC Composition in semesters 1 and 3.**

### Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
<b>Additional (6 credit hours)</b> <i>Must be selected from two Kent Core categories</i>		6
<b>Basic Sciences (6-7 credit hours)</b> <i>Must include one laboratory</i>		6-7
<b>Composition (6-8 credit hours)</b>	Enrollment based on placement test	6-8
<b>Humanities and Fine Arts (9 credit hours)</b> <i>Minimum one course from humanities in Arts and Sciences category and minimum one course from fine arts category</i>		9
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Enrollment based on placement test	3-5
<b>Social Sciences (6 credit hours)</b> <i>Must be selected from two curricular areas</i>		6

### Kent Core

Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core) for course list.

### Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit [www.kent.edu/catalog/diversity](http://www.kent.edu/catalog/diversity) for course list.

### Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade. Visit [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic) for course list.

### Upper-Division Requirement

Students must complete a minimum 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.

### Foreign Language

Visit [www.kent.edu/catalog/foreign-languages](http://www.kent.edu/catalog/foreign-languages) for course list.

Major	Degree	Min. Hours	Courses in this major that fulfill Kent Core requirements	Milestone Courses in the first 3 semesters
Biology	BA	121	BSCI10110; BSCI10120; CHEM10060; CHEM10061; CHEM10062; CHEM10063; MATH11010	S1: BSCI10110 S2: BSCI10120 S3: CHEM10060, 10062
Biology (Molecular/Cellular Biology)	BS	121	BSCI10110; BSCI10120; CHEM10060; CHEM10061; CHEM10062; CHEM10063; MATH12002; PHY 13001 AND PHY 13021 OR PHY 23101; PHY 13002 AND PHY 13022 OR PHY 23102	S1: BSCI10110; CHEM10060, 10062 S2: BSCI10120; CHEM10061, 10063 S3: CHEM20481 or 30481; CHEM 20482 or 30475; BSCI30140
Biology (Organismal Biology)	BS	121	BSCI10110; BSCI10120; CHEM10060; CHEM10061; CHEM10062; CHEM10063; MATH12002; PHY 13001 AND PHY 13021 OR PHY 23101; PHY 13002 AND PHY 13022 OR PHY 23102	S1: BSCI10110; CHEM10060, 10062 S2: BSCI10120; CHEM10061, 10063 S3: CHEM20481 or 30481; CHEM 20482 or 30475 or 30482
Biology (Pre-Medicine/Pre-Osteopathy/Pre-Dentistry)	BS	121	BSCI10110; BSCI10120; CHEM10060; CHEM10061; CHEM10062; CHEM10063; MATH12002; PHY 13001 AND PHY 13021 OR PHY 23101; PHY 13002 AND PHY 13022 OR PHY 23102	S1: BSCI10110; CHEM10060, 10062 S2: BSCI10120; CHEM10061, 10063 S3: BSCI30140
Biotechnology	BS	121	BSCI10120; CHEM10060; CHEM10062; MATH12002 OR MATH12021; CHEM10061; CHEM10063; PHIL21001; CS 10051; PHY 13001; PHY 13021	S1: BSCI10120; CHEM10060; CHEM10062
Chemistry (Biological Chemistry-Pre-Medicine/Pre-Osteopathy/Pre-Dentistry)	BS	121	CHEM10060; CHEM10062; CHEM10061; CHEM10063; BSCI10120; MATH12021	S1: BSCI10120; CHEM10060 or 10960, CHEM10062; MATH12021 S2: CHEM10061 or 10961, CHEM10063; MATH12022 S3: BSCI30156; CHEM30475, 30481; PHY 13001, 13021
Medical Technology	BS	122	BSCI10110; BSCI10120; CHEM10060; CHEM10061; CHEM10062; CHEM10063; MATH11010	S1: BSCI1011; CHEM10060, 10062 S2: BSCI10120; CHEM10061, 10063 S3: BSCI30140; CHEM20481

Major	Degree	Min. Hours	Courses in this major that fulfill Kent Core requirements	Milestone Courses in the first 3 semesters
Pre-Dentistry	PX	121	Varies by Major	Varies by Major
Pre-Med /Pre-Osteopathy	PX	121	Varies by Major	Varies by Major
Pre-Pharmacy	PX	121	Varies by Major	Varies by Major
Pre-Veterinary Medicine	PX	121	Varies by Major	Varies by Major
Psychology	BA	121	PSYC11762; PHYS20651; PSYC21211	S1: PSYC11762 S2: PSYC20651 or 21211 S3: PSYC21621
Athletic Training	BS	121	CHEM10050; NUTR23511; PSYC11762	S1: ATTR10551 S2: ATTR15011, 25036, 25057 S3: ATTR15092, 25037
Community Health Education	BS	121	COMM15000; PHIL11001; PHIL21001; BSCI10001; NUTR23511; JMC 20001	S1: HED 11590 S2: HED 11570 S3: HED 21030
Exercise Science (Exercise Physiology)	BS	121	GERO14029; NUTR23511; PSYC11762; MATH11009 OR MATH11010; CHEM10060; CHEM10061; CHEM10062; CHEM10063	
Exercise Science (Exercise Specialist)	BS	121	GERO14029; NUTR23511; PSYC11762; MATH11009 OR MATH11010; CHEM10050; CHEM10052; CHEM10053	
Human Dev/Family Studies (Gerontology/Nursing Home Admin)	BS	131	GERO14029; SOC 12050; NUTR23511; PSYC11762; BSCI20020; ECON22060; PSYC21211	S1: GERO14029
Human Dev/Family Studies (Gerontology)	BS	121	GERO14029; SOC 12050; NUTR23511; PSYC11762; BSCI20020; PSYC21211; ECON22060	
Integrated Health Studies (Health Care Admin/Systems)	BS	121	MATH11009; ECON22060; PSYC11762; ECON22061	S3: ECON22060
Integrated Health Studies (Health Sciences)	BS	121	MATH11010; BSCI20020; CHEM10050; CHEM10052; BSCI10110; BSCI10120; CHEM10060; CHEM10061; PSYC11762; PHY 13001; PHY 13002; PHY 13021; PHY 13022	
Integrated Health Studies (Health Services)	BS	121	MATH11009; PSYC11762; GERO14029	
Nutrition and Food (Nutrition and Dietetics)	BS	123	BSCI20020; CHEM10060; CHEM10061; COMM15000; COMM26000; MATH11009; PSYC11762; SOC 12050	S1: CHEM10060; NUTR23112
Physical Education (Human Movement Studies)	BS	121	PSYC11762	S3: ATTR25057 or EXSC25057
Speech Pathology and Audiology	BS	121	BSCI10001; PSYC11762; PSYC20651	S2: PSYC11762 S3: SPA 34102
Nursing	BSN	122	BSCI20020; CHEM10050; CHEM10052; PSYC11762; SOC 12050	S1: BSCI20020; CHEM10050 S2: BSCI20021; CHEM10052 S3: BSCI3003; NURS20010, 20020