KENT STATE UNIVERSITY

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	Upper Division	Min. Grade	Important Notes
Semester One: [14-15 Credit Hours]				
US 10097 Destination Kent State: FYE	1			Not required of transfer students with 25 credits
Foreign Language (Elementary I)	4-5			
Kent Core Requirement	9			See Kent Core Summary on page 2
Semester Two: [16-17 Credit Hours]				
Foreign Language(Elementary II)	4-5			
Kent Core Requirement	9			See Kent Core Summary on page 2
General Elective (lower division)	3			Recommended: MATH 11010 or 11022 if not placed into MATH 12002 (semester 3)
Semester Three: [14-16 Credit Hours]				
MATH 12002 Analytic Geometry and Calculus I	**5**			**Fulfills Kent Core Mathematics and Critical Reasoning**
Foreign Language (Intermediate I	3-5			
Kent Core Requirement	6			See Kent Core Summary on page 2
Semester Four: [16-18 Credit Hours]				
MATH 12003 Analytic Geometry and Calculus II	**5**			
Foreign Language (Intermediate II)	3-5			
Kent Core Requirement	6			See Kent Core Summary on page 2
General Elective (lower or upper division)	2			
Semester Five: [16 Credit Hours]				
CS 10051 Introduction to Computer Science	**4**			**Fulfills Kent Core Additional**
MATH 22005 Analytic Geometry and Calculus III	**3**			
Kent Core Requirement	6			See Kent Core Summary on page 2
General Electives (lower or upper division)	3			
Semester Six: [15 Credit Hours]				
MATH 21001 Linear Algebra with Applications	**3**			
CS or MATH Elective (40000 level)	3	■		Must be approved by advisor
General Electives (upper division)	9	■		
Semester Seven: [15 Credit Hours]				
MATH 41001 Introduction to Modern Algebra _or_ **MATH 42001 Introduction to Analysis I**	**3**	■		**Both fulfill writing-intensive course requirement; see note on page 2**
CS or MATH Elective (40000 level)	3	■		Must be approved by advisor
General Electives (upper division)	9	■		
Semester Eight: [15 Credit Hours]				
MATH 41002 Introduction to Modern Algebra II _or_ **MATH 42002 Introduction to Analysis II**	**3**	■		**Both fulfill writing-intensive course requirement; see note on page 2**
CS or MATH Elective (40000 level)	3	■		Must be approved by advisor
General Electives (upper division)	9	■		Number of credits required depends on meeting minimum 121 credit hours and minimum 42 upper-division credit hours

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Diversity Course Global / Domestic	Writing-Intensive	Minimum	
					Major GPA	Overall GPA
121	42	42*	Kent Core or General Electives	MATH 41001, 41002, 42001 or 42002	2.0	2.0

* The above hours include an additional Kent Core course each in Basic Sciences and Social Sciences as required by the College of Arts and Sciences for its BA programs. In addition to the Kent Core, the college requires for all its BA programs a minimum 14 credit hours of a foreign language.

Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
Additional (6 credit hours) *Must be selected from two Kent Core categories*	4 credits fulfilled in this major with CS 10051; may fulfill diversity requirement	2
Basic Sciences (9-10 credit hours) *Must include one laboratory*	Includes additional course as required by the college for its BA programs	9-10
Composition (6-8 credit hours) *ENG 11002, 11011, 21011; HONR 10197, 10297*	Enrollment based on placement test	6-8
Humanities and Fine Arts (9 credit hours) *Minimum one course from humanities in Arts and Sciences category and minimum one course from fine arts category*	May fulfill diversity requirement	9
Mathematics and Critical Reasoning (3-5 credit hours)	Fulfilled in this major with MATH 12002	0
Social Sciences (9 credit hours) *Must be selected from two curricular areas*	Includes additional course as required by the college for its BA programs; may fulfill diversity requirement	9

Note: If student takes MATH 41001 in semester seven, they must plan to take MATH 41002 in semester eight. If student takes MATH 42001 in semester seven, they must plan to take MATH 42002 in semester eight. To satisfy the writing-intensive course requirement (see description below), either MATH 41001, 41002, 42001 or 42002 must be earned with minimum C grade.

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 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 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 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 for course list.