

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 Div.	Min. Grade	Major GPA	Important Notes
<b>Semester One: [16 Credit Hours]</b>					
ACTT, BMRT, COMT or ITAP Elective	3			■	
COMT 11000 Introduction to Computer Systems (3) or COMT 12000 Personal Productivity Software (3) or EERT 22003 Technical Computing (3) or MIS 24053 Introduction to Computer Applications (3)	3			■	
US 10097 Destination Kent State: First Year Experience	1				Not required of transfer students with 25 credits
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				See Kent Core Summary on page 2
Applied Course	3				See note 1 on page 2
<b>Semester Two: [16 Credit Hours]</b>					
ACTT, BMRT, COMT or ITAP Elective	4			■	
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				See Kent Core Summary on page 2
Applied Courses	6				See note 1 on page 2
<b>Semester Three: [15 Credit Hours]</b>					
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				See Kent Core Summary on page 2
Applied Courses	9				See note 1 on page 2
<b>Semester Four: [15 Credit Hours]</b>					
Kent Core Requirements	3				See Kent Core Summary on page 2
Kent Core Requirements	3				See Kent Core Summary on page 2
Applied Courses	9				See note 1 on page 2
<b>Semester Five: [16 Credit Hours]</b>					
CHDS 37900 Applied Studies Cornerstone	3	■	C	■	
COMT 36318 Survey of Information Security, Internet Fraud and Computer Forensics	3	■	C	■	May fulfill writing-intensive course requirement
COMT 36301 Advanced C++ Programming (4) or COMT 36311 Advanced Java Programming (4)	4	■	C	■	
Major Requirement	3	■		■	See note 2 on page 2
Kent Core Requirement	3				See Kent Core Summary on page 2
<b>Semester Six: [15 Credit Hours]</b>					
COMT 46308 Developing Desktop Applications	3	■	C	■	
COMT Elective (upper division)	3	■	C	■	
Major Requirement	3	■		■	See note 2 on page 2
Kent Core Requirement	3				See Kent Core Summary on page 2
Applied Course	3				See note 1 on page 2
<b>Semester Seven: [14-15 Credit Hours]</b>					
COMT 46340 Database Design and Implementation	3	■	C	■	
Major Requirement	3	■		■	See note 2 on page 2
Concentration Requirement	3-4	■	C	■	See note 3 on page 2
Kent Core Requirement	3				See Kent Core Summary on page 2
Applied Courses	1-3				See note 1 on page 2; number of credits required depends on meeting minimum 121 credit hours and minimum 39 upper-division credit hours

**Critical requirements are boldface in shaded areas.**

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
<b>Semester Eight: [13-14 Credit Hours]</b>					
<b>CHDS 47900 Applied Studies Capstone Seminar</b>	<b>4</b>	■	<b>C</b>	■	
<b>COMT Elective (upper division)</b>	<b>3</b>	■	<b>C</b>	■	
<b>Concentration Requirement</b>	<b>3-4</b>	■	<b>C</b>	■	<b>See note 3 below</b>
Kent Core Requirement	3				See Kent Core Summary below

**Graduation Requirements Summary**

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Diversity Course Global / Domestic	Writing-Intensive	Minimum Major GPA	Minimum Overall GPA
121	39	36	Kent Core, Applied Course / SOC 32570 or TECH 31000	COMM 35864, COMT 36318 or TECH 31000	2.0	2.0

**Kent Core Summary**

Kent Core Categories	Important Notes	Remaining Credit Hours
<b>Composition (6-8 credit hours)</b> <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test	6-8
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Enrollment based on placement test	3-5
<b>Humanities and Fine Arts (9 credit hours)</b> <i>Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts</i>	May fulfill diversity requirement	9
<b>Social Sciences (6 credit hours)</b> <i>Must be selected from two curricular areas</i>	May fulfill diversity requirement	6
<b>Basic Sciences (6-7 credit hours)</b> <i>Must include one laboratory</i>		6-7
<b>Additional (6 credit hours)</b> <i>Must be selected from two Kent Core categories</i>	May fulfill diversity requirement	6

**Note 1:** Applied courses should be chosen from the major in a computer technology or technically related associate degree program or a declared minor or individualized specialization selected in consultation with an advisor.

**Note 2: Major requirements (9 credit hours),** choose from the following:

BMRT 11009 Introduction to Management Technology	3	LIB 30010 Information Fluency in the Workplace and Beyond <b>or</b> LIS 30010 Information Fluency in the Workplace and Beyond	3
COMM 35864 Organizational Communication <sup>W</sup>	3		
EERT 21010 Engineering and Professional Ethics	3	SOC 32570 Inequality in Societies <sup>D</sup>	3
ENG 30063 Business and Professional Writing	3	TECH 31000 Cultural Dynamics of Technology <sup>D W</sup>	3
ITAP 26638 Business Communications	3	TECH 36401 Applications of Technology Management Software	3

<sup>D</sup> Fulfills domestic diversity requirement. <sup>W</sup> Minimum C (2.0) grade must be earned to fulfill the writing-intensive requirement.

**Note 3: Concentration requirements (6-8 credit hours),** choose from the following:

COMT 36301 Advanced C++ Programming	4	COMT 36350 Programming Office Productivity Applications	3
COMT 36308 Ergonomics in Computer Systems	3	COMT 46309 Developing Distributed Applications	3
COMT 36311 Advanced Java Programming	4		

**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.