

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>					
COMT 11000 Introduction to Computer Systems (3) <b>or</b> COMT 12000 Personal Productivity Software (3) <b>or</b> 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
ACTT, BMRT, COMT or ITAP Elective	3			■	
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 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 Five: [16 Credit Hours]</b>					
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) <b>or</b> COMT 36311 Advanced Java Programming (4)	4	■	C	■	
TAS 37900 Technical and Applied Studies Cornerstone	3	■	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 Advanced Visual Basic Programming	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: [15-16 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	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: [12-13 Credit Hours]</b>					
<b>TAS 47900 Technical and Applied Studies Capstone</b>	<b>3</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	Global / Domestic Diversity Course	Writing-Intensive	Experiential Learning	Minimum	
						Major GPA	Overall GPA
121	39	36	Kent Core, Applied Course / SOC 32570 or TECH 31000	COMM 35864, COMT 36318 or TECH 31000	Visit <a href="http://www.kent.edu/catalog/elr">www.kent.edu/catalog/elr</a>	2.000	2.000

**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 (equivalent to MIS 24163 Principles of Management)	3	ENG 30063 Business and Professional Writing	3
		ITAP 26638 Business Communications	3
BMRT 36401 Application of Technology Management Software	3	LIB 30010 Information Fluency in the Workplace and Beyond or LIS 30010 Information Fluency in the Workplace and Beyond	3
ENG 20002 Introduction to Technical Writing	3	TECH 31000 Cultural Dynamics of Technology <sup>D W</sup>	3

<sup>D</sup> Fulfills domestic diversity requirement.

<sup>W</sup> Minimum C (2.00) 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 36311 Advanced Java Programming	4
COMT 36302 C# Programming	3	COMT 36350 Programming Office Productivity Applications	3
COMT 36308 Ergonomics in Computer Systems	3	COMT 46309 Visual Basic Web Programming	3
COMT 36309 Programming Mobile Applications	3	COMT 46315 SQL with Oracle	3

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**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 (2.000) grade. Visit [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic) for course list.

**Experiential Learning Requirement (ELR)**

To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit [www.kent.edu/catalog/elr](http://www.kent.edu/catalog/elr) 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.

