Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
Semester One: [15 Credit Hours]				
CS 10061 Introduction to Computer Programming	**3**			
MATH 12002 Analytic Geometry and Calculus I	**5**			
ENG 11011 College Writing I	3			Enrollment based on placement tests; fulfills LER Composition
US 10097 Destination Kent State: FYE	1			Not required for transfer students with 25 credits
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: [16 Credit Hours]				
MATH 12003 Analytic Geometry and Calculus II	**5**			
PHY 23101 General University Physics	**5**			**Fulfills LER Basic Sciences**
LER Humanities	3			Should fulfill diversity requirement; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
LER Social Sciences	3			
Semester Three: [16-17 Credit Hours]				
MATH 21001 Linear Algebra with Applications	**3**			
MATH 22005 Analytic Geometry and Calculus III	**3**			
ENG 21011 College Writing II	3			Fulfills LER Composition
Foreign Language Elementary I	4-5			
LER Social Sciences	3			Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
Semester Four: [16-18 Credit Hours]				
MATH 40011 Introduction to Probability Theory and Application	**3**	■		
Foreign Language Elementary II	4-5			
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 Mathematics and Critical Reasoning	3-4			Mathematics majors must take CS 10051 or PHIL 21002 to fulfill this category
Allied Area Electives	3	■		See note 1 on page 2
Semester Five: [15 Credit Hours]				
MATH 30055 Mathematic Theory of Interest	**3**	■		
MATH 40012 Statistical Concepts	**3**	■		
LER Additional	3			Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
LER Basic Sciences	3			Visit www.kent.edu/catalog and search "LER" for course list
Allied Area Electives	3	■		See note 1 on page 2
Semester Six: [16 Credit Hours]				
MATH 40055 Actuarial Mathematics I	**4**	■		
MATH 41021 Theory of Matrices	**3**	■		**Offered in spring only**
LER Additional	3			Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
Allied Area Electives	6	■		See note 1 on page 2

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
Semester Seven: [16 Credit Hours]				
MATH 40056 Actuarial Mathematics II	4	■		
MATH 42001 Introduction to Analysis I	3	■		**Fulfills writing-intensive course requirement; see note 2 below**
Allied Area Electives	3	■		See note 1 below
General Electives (lower or upper division)	6			
Semester Eight: [11 Credit Hours]				
MATH 40091 Actuarial Seminar	2	■		
MATH 42002 Introduction to Analysis II	3	■		**Fulfills writing-intensive course requirement; see note 2 below**
General Elective (lower or 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	MATH 42001or MATH 42002	2.0	2.0

Note 1: **Allied area electives (15 credit hours),** selected in consultation with the major advisor from approved courses in the following.

ACCT upper division courses *	1-15	GEOL upper-division courses	1-15
BMRT courses *	1-15	MATH upper-division courses *	1-15
BSCI upper-division courses	1-15	MIS upper-division courses	1-15
BUS courses *	1-15	PHY upper-division courses	1-15
CHEM upper-division courses	1-15	PHIL 31045 Formal Logic	3
CS upper-division courses	1-15	PHIL 41035 Philosophy of Science	3
ECON upper-division courses *	1-15	PHIL 41045 Metalogic	3
FIN upper-division courses *	1-15		

* Course may satisfy the professional achievement requirements (e.g., for Fellow status) set by the Society of Actuaries and the Casualty Actuarial Society.

Note 2: To satisfy the writing-intensive course requirement (see description below), one of these courses must be earned with minimum C grade.

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.