

Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
Semester One: [14 Credit Hours]				
CHEM 10060 General Chemistry I <i>or</i> CHEM 10960 Honors General Chemistry	4-5			
CHEM 10062 General Chemistry I Laboratory	0-1			Take only if CHEM 10060 is selected
MATH 11010 Algebra for Calculus	3			Fulfills LER Mathematics and Critical Reasoning
MATH 11022 Trigonometry	2			
ENG 11011 College Writing I <i>or</i> LER Humanities or Fine Arts	3			Enrollment based on placement tests; ENG 11011 fulfills LER Composition. Visit www.kent.edu/catalog and search "LER" for course lists
US 10097 Destination Kent State: FYE	1			Not required for transfer students with 25 credits
Semester Two: [16 Credit Hours]				
CHEM 10061 General Chemistry II <i>or</i> CHEM 10961 Honors General Chemistry	4-5			If CHEM 10060 was taken; select CHEM 10061; If CHEM 10960 was taken, select CHEM 10961
CHEM 10063 General Chemistry II Laboratory	0-1			Take only if CHEM 10061 is selected
MATH 12002 Analytic Geometry and Calculus I	5			Fulfills LER Additional
LER Humanities or Fine Arts <i>or</i> ENG 11011 College Writing I	3			Enrollment based on placement tests; ENG 11011 fulfills LER Composition. Visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
LER Social Sciences	3			
Semester Three: [16-18 Credit Hours]				
CHEM 20481 Basic Organic Chemistry I <i>or</i> CHEM 30481 Organic Chemistry I	3-4			CHEM 20481 typically offered in fall and summer only; CHEM 30481 offered in fall only
CHEM 30475 Organic Chemistry Laboratory I	1	■		
PHY 13001 General College Physics I	4			Fulfills LER Basic Sciences
PHY 13021 General College Physics Laboratory I	1			
ENG 21011 College Writing II	3			Fulfills LER Composition
Foreign Language Elementary I	4-5			
Semester Four: [14-16 Credit Hours]				
CHEM 20482 Basic Organic Chemistry II <i>or</i> CHEM 30482 Organic Chemistry II	2-3			If CHEM 20481 was taken; select CHEM 20482; If CHEM 30481 was taken; select CHEM 30482; both are typically offered in spring only
CHEM 30301 Inorganic Chemistry I	2	■		Offered in spring only
CHEM 30476 Organic Chemistry Laboratory II	1	■		Offered in spring only
PHY 13002 General College Physics II	4			Fulfills LER Basic Sciences
PHY 13022 General College Physics Laboratory II	1			
Foreign Language Elementary II	4-5			
Semester Five: [17-18 Credit Hours]				
CHEM 40567 Basic Concepts of Physical Chemistry	4	■		Offered in fall only
CHEM 30105 Analytical Chemistry I	3	■		Offered in fall only
CHEM 30107 Analytical Chemistry Laboratory I	1	■	C	Fulfills writing-intensive course requirement; offered in fall only
Foreign Language Intermediate I	3-4			
LER Humanities	3			Should fulfill diversity requirement; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
LER Social Sciences	3			

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Semester Six: [14-15 Credit Hours]				
CHEM 30284 Introductory Biological Chemistry	4	■		Offered in spring only
CHEM 40568 Elementary Physical Chemistry Laboratory	1	■		Offered in spring only
Foreign Language Intermediate II	3-4			
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 Social Sciences	3			
Semester Seven: [13-15 Credit Hours]				
CHEM 40302 Inorganic Chemistry II	2	■		Offered in fall 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
CHEM Electives (upper division)	1-3	■		See note below
General Elective (upper division)	7	■		
Semester Eight: [9-16 Credit Hours]				
General Electives (lower or upper division)	9-16	■		Number of credits required depends on meeting minimum 121 credit hours and 42 upper-division hours

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	57	LER or General Electives	CHEM 30107	2.0	2.0

Note: CHEM electives (1-3 credit hours), choose from the following:

CHEM 30050 Introduction to Materials Chemistry	2	CHEM 40477 Intermediate Organic Chemistry Laboratory ^F	1
CHEM 30106 Analytical Chemistry II ^S	2	CHEM 40483 Intermediate Organic Chemistry ^F	1
CHEM 40248 Advanced Biological Chemistry ^F	3	CHEM 40796 Individual Investigation	1-2
CHEM 40303 Inorganic Chemistry III ^S	2	CHEM department-approved electives	1-3

^F Offered in fall only ^S Offered in spring only

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.