KENT STATE UNIVERSITY

Roadmap: Architecture – Bachelor of Science
[AE-BS-ARCH]
College of Architecture and Environmental Design
Catalog Year: 2012–2013

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
Semester One: [15-18 Credit Hours]					
AED 10001 Design Thinking I	**2**			■	
AED 10101 Design Foundations Studio I	**3**			■	
ARTH 22006 Art History I: Ancient and Medieval Art	3				Fulfills Kent Core Fine Arts
MATH 11010 Algebra for Calculus (3) *and* MATH 11022 Trigonometry (3) *or* MATH 12011 Calculus with Precalculus I (3)	3-6				MATH 11010 must be taken with MATH 11022; fulfills Kent Core Mathematics and Critical Reasoning
US 10097 Destination Kent: First Year Experience	1				Not required of transfer students with 25 credits
Kent Core Requirement	3				Course taken should be ENG 11011 College Writing I (or equivalent); see Kent Core Summary on page 2
Semester Two: [17-19 Credit Hours]					
AED 10002 Design Thinking II	**2**				
AED 10102 Design Foundations Studio II	**3**			■	
ARCH 10111 History of Architecture I	**3**			■	
MATH 12002 Analytic Geometry and Calculus I (5) *or* MATH 12012 Calculus with Precalculus II (3)	3-5				MATH 12002 must be taken with MATH 11022 if 11022 was not taken in previous semester; fulfills Kent Core Additional
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Semester Three: [16 Credit Hours]					
ARCH 20101 Second-Year Design Studio I	**3**			■	**Offered in fall only**
ARCH 20112 History of Architecture II	**3**			■	**Offered in fall only**
ARCH 20601 Computer Applications in Architecture I	**2**			■	**Offered in fall only**
PHY 13001 General College Physics I	**4**				**Fulfills Kent Core Basic Sciences; must be taken together**
PHY 13021 General College Physics Laboratory I	**1**				
Kent Core Requirement	3				Course taken should be ENG 21011 College Writing II (or equivalent); see Kent Core Summary on page 2
Semester Four: [15 Credit Hours]					
Requirement: Kent Core Composition courses (6-8 credit hours) must be completed.					
ARCH 20102 Second-Year Design Studio II	**3**			■	**Offered in spring only**
ARCH 20113 History of Architecture III	**3**			■	**Offered in spring only**
ARCH 20201 Beyond Western Architecture	**3**			■	
ARCH 20301 Introduction to Building Structures	**3**			■	**Offered in spring only**
ARCH 20602 Computer Applications in Architecture II	**1**			■	**Offered in spring only**
PHY 13012 College Physics II	**2**				**Fulfills Kent Core Basic Sciences; students who successfully completed PHY 13002 will have met the requirement for PHY 13012.**
Semester Five: [18 Credit Hours]					
Requirements: minimum 2.250 GPA in ARCH courses, minimum cumulative 2.500 GPA **Note: no more than one deficiency in required major coursework listed in the first four semesters**					
ARCH 30001 Site Design	**1**	■		■	**Offered in fall only; fulfills writing-intensive course requirement; see note 1 on page 2**
ARCH 30101 Third-Year Design Studio I	**5**	■		■	**Offered in fall only**
ARCH 30301 Structural Systems I	**3**	■		■	**Offered in fall only**
ARCH 30401 Method and Materials I	**3**	■		■	**Offered in fall only**
ARCH 30501 Environmental Technology I	**3**	■		■	**Offered in fall only**
Kent Core Requirement	3				See Kent Core Summary on page 2

Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester Six: [18 Credit Hours]					
ARCH 30002 Urban Design	**1**	■		■	**Offered in spring only**
ARCH 30102 Third-Year Design Studio II	**5**	■		■	**Offered in spring only; fulfills experiential learning requirement**
ARCH Electives (upper-division)	9	■		■	
Kent Core Requirement	3				See Kent Core Summary below
Semester Seven: [15 Credit Hours]					
ARCH 40001 Sustainable Design I	**1**	■		■	**Offered in fall only; fulfills writing-intensive course requirement; see note 1 below**
ARCH 40101 Fourth-Year Design Studio I	**5**	■		■	**Offered in fall only**
ARCH 40402 Methods and Materials II	**3**	■		■	**Offered in fall only**
ARCH 40502 Environmental Technology II	**3**	■		■	**Offered in fall only**
Kent Core Requirement	3				See Kent Core Summary below
Semester Eight: [17 Credit Hours]					
ARCH 40002 Systems Design	**1**	■		■	**Offered in spring only**
ARCH 40102 Fourth-Year Design Studio II	**5**	■		■	**Offered in spring only**
ARCH 40302 Structural Systems II	**3**	■		■	**Offered in spring only**
Non-ARCH Electives (lower or upper division)	8				Number of credits required depends on meeting minimum 131 credit hours and minimum 39 upper-division credit hours

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
131	39	36	Kent Core or General Electives	ARCH 30001 or 40001	ARCH 30102	2.250	2.000

Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
Composition (6-8 credit hours) *ENG 11011, 11002, 21011; HONR 10197, 10297*	Enrollment based on placement test *(must be taken in semesters 1, 2 and/or 3)*	6-8
Mathematics and Critical Reasoning (3-5 credit hours)	Fulfilled in this major with MATH 11010 or MATH 12011	0
Humanities and Fine Arts (9 credit hours) *Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts*	3 credit hours are fulfilled in this major with ARTH 22006	6
Social Sciences (6 credit hours) *Must be selected from two curricular areas*	May fulfill diversity requirement; ECON 22060 is recommended	6
Basic Sciences (6-7 credit hours) *Must include one laboratory*	Fulfilled in this major with PHY 13001, PHY 13021 and PHY 13012	0
Additional (6 credit hours) *Must be selected from two Kent Core categories*	3 credits are fulfilled in the major with MATH 11022, MATH 12002 or MATH 12012	3

Note 1: A minimum C grade must be earned in either ARCH 30001 or ARCH 40001 to fulfill the writing-intensive requirement.

Special Notes for the Major:
1. Architecture majors may not use the following courses to satisfy the architectural elective requirement:
   a. ARCH 10001 Understanding Architecture
   b. ARCH 10011 Survey of Architectural History I
   c. ARCH 10012 Survey of Architectural History II
2. No more than 4 credit hours of PEB activities courses may apply to required semester hours for graduation.
3. No more than the first 16 credit hours of ROTC courses may apply to required semester hours for graduation. Veterans who have completed a minimum one year of active duty may receive PEB credit for military basic training according to branch of service, as follows:
   a. Army and Marine Corps: 3 credit hours
   b. Navy and Coast Guard: 2 credit hours
   c. Air Force: 1 credit hour

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 (2.000) grade. Visit www.kent.edu/catalog/wic for course list.

Experiential Learning Requirement

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 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.