Roadmap: Architecture - Bachelor of Science

AE-BS-ARCH



Catalog Year: 2014-2015

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designed as critical (!) must be completed in the semester listed to ensure a timely graduation.

completed	d in the semester listed to ensure a timely graduation.	Crodit	Hnnor	Min	Major		
Critical	Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Туре	Term Taken
emest <u>e</u>	r One [15 Credits]						
!	AED 10001 Design Thinking I	2					
!	AED 10101 Design Foundations Studio I	3				<u> </u>	
	MATH 12001 Algebra and Trigonometry (5)	3-5				KMC	
	or MATH 12011 Calculus With Precalculus I (3)					KIVIC	
	US 10097 Destination Kent State: First Year Experience ¹	1					
	Kent Core Requirement	3					
	Kent Core Requirement	3					
	r Two [17 Credits]	2			_		
<u>!</u>	AED 10002 Design Thinking II AED 10102 Design Foundations Studio II	2			-		
<u>!</u> !	ARCH 10111 History of Architecture I	3					
	MATH 12002 Analytic Geometry and Calculus I (5)						
	or MATH 12002 Analytic Geometry and Calculus 1 (3)	3-5				KAD	
	Kent Core Requirement	3					
	Kent Core Requirement	3					
emeste	r Three [16 Credits]	<u> </u>					
!	ARCH 20101 Second Year Design Studio I	3					
į	ARCH 20112 History of Architecture II	3			_		
!	ARCH 20601 Computer Applications in Architecture I	2					
!	PHY 13001 General College Physics I ²	4				KBS	
!	PHY 13021 General College Physics Laboratory I	1				KBS	
	Kent Core Requirement	3					
emeste	r Four [15 Credits]						
	ment: Kent Core Composition courses (6-8 credit hours) must I		1	1		,	
!	ARCH 20102 Second Year Design Studio II	3					
!	ARCH 20113 History of Architecture III	3					
!	ARCH 20201 Beyond Western Architecture	3					
!	ARCH 20301 Introduction to Building Structures	3					
<u>!</u>	ARCH 20602 Computer Applications in Architecture II	1					
!	PHY 13012 College Physics II ²	2				KBS	
	r Five [18 Credits]	-1' 0 500 OD	A N			<i>(</i> ! -! !	
	ments: minimum 2.250 GPA in ARCH courses, minimum cumul ork listed in the first four semesters	ative 2.500 GP	A Note: n	o more th	an one de	riciency ir	ı requirea major
oursew	ARCH 30001 Site Design ³	1	_		_	WIC	
!	ARCH 30001 Site Design ARCH 30101 Third Year Design Studio I	5				WIC	
!	ARCH 30301 Structural Systems I	3					
!	ARCH 30301 Structural Systems I	3					
!	ARCH 30501 Environmental Technology I	3					
	Kent Core Requirement	3	-				
emeste	er Six [18 Credits]	9					
!	ARCH 30002 Urban Design ⁴	1					
į	ARCH 30102 Third Year Design Studio II ⁵	5			-	ELR	
	Architecture Electives (upper-division)	9			-		
	Kent Core Requirement	3	_		_		
emest <u>e</u>	r Seven [15 Credits]	_					
!	ARCH 40001 Sustainable Design ³	1				WIC	
!	ARCH 40101 Fourth Year Design Studio I	5			•		
:		3			•		
<u>:</u>	ARCH 40402 Methods and Materials II						
	ARCH 40402 Methods and Materials II ARCH 40502 Environmental Technology II	3	-				
!							
!	ARCH 40502 Environmental Technology II Kent Core Requirement r Eight [17 Credits]	3					
!	ARCH 40502 Environmental Technology II Kent Core Requirement F Eight [17 Credits] ARCH 40002 Systems Design	3					
! ! Semeste	ARCH 40502 Environmental Technology II Kent Core Requirement F Eight [17 Credits] ARCH 40002 Systems Design ARCH 40102 Fourth Year Design Studio II	3 3					
! ! Semeste	ARCH 40502 Environmental Technology II Kent Core Requirement F Eight [17 Credits] ARCH 40002 Systems Design	3 3					

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Minimum		
Millimum Total Hours		Willimum Kent Core Hours	Major GPA	Overall GPA	
131	39	36	2.250	2.000	

- 1. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
- 2. Students who successfully complete PHY 13002 will have met the requirement for PHY 13012.
- 3. A minimum C (2.000) grade must be earned in either ARCH 30001 or ARCH 40001 to fulfill writing-intensive requirement.
- 4. This course is equivalent to ARCH 30012 Urban Design, Florence, Italy
- 5. This course is equivalent to ARCH 30112 Third Year Design Studio II-Florence, Italy
- 6. Number of credits required depends on meeting minimum 131 credit hours and minimum 39 upper-division credit hours

Roadmap: Architecture - Bachelor of Science

AE-BS-ARCH

Architecture and Environmental Design

Catalog Year: 2014-2015



Requirements for Advancement to Third Year—Professional Level

Advancement review for the Bachelor of Science in Architecture occurs at the end of the second year, upon completion of 60 semester hours, students are required to contact the Office of Advising and Academic Services in Taylor Hall to meet with an advisor. Requirement evaluations are not a substitute for meeting with a faculty advisor. To advance, students must accomplish the following:

- 1. Comply with all specific course prerequisites.
- 2. Complete the following courses:

AED 10001, 10002, 10101, 10102

ARCH 10111, 20101, 20102, 20112, 20113, 20201, 20301, 20601, 20602

MATH 12002 (or MATH 12011 and 12012)

PHY 13001, 13012, 13021

- 3. Earn a minimum 2.25 GPA in architecture courses.
- 4. Earn minimum 2.50 cumulative GPA.

Special Notes:

- A. Architecture majors may not use the following courses to satisfy the architectural major requirements:
 - a. ARCH 10001 Understanding Architecture
 - b. ARCH 10011 Survey of Architectural History I
 - c. ARCH 10012 Survey of Architectural History II
- B. No more than 4 credit hours of PEB activities courses may apply to required semester hours for graduation.
- C. 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

This major requires 131 credits for graduation. Students can stay on track for graduation by:

- Declaring their major as freshmen and completing all courses in sequence (bear in mind that switching majors may cause a delay in graduation);
- Prioritizing required courses above electives;
- Meeting regularly with their academic advisors to stay on track;
- Passing each required course the first time attempted and maintaining the minimal GPA for the major;
- Successfully completing more than 15 credit hours of relevant coursework (field-based work, internship) during academic semesters; and/or

University Requirements Summary

Туре	Categories		
	Kent Core I. Composition Enrollment based on placement test	visit <u>www.kent.edu/catalog/kent-core</u>	6
KMC	Kent Core II. Mathematics and Critical Reasoning Enrollment based on placement test	MATH 12001 or MATH 12011	fulfilled
KHU	Kent Core III. Humanities Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	visit <u>www.kent.edu/catalog/kent-core</u>	3
KFA	Kent Core IV. Fine Arts Minimum one course from the fine arts; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFH	Kent Core V. Humanities or Fine Arts One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit <u>www.kent.edu/catalog/kent-core</u>	3
KSS	Kent Core VI. Social Sciences Must be selected from two curricular areas; may fulfill diversity requirement	visit <u>www.kent.edu/catalog/kent-core</u>	6
KBS	Kent Core VII. Basic Sciences Must include one laboratory	PHY 13001, PHY 13012, PHY 13021	fulfilled
	Kent Core VIII. Additional May fulfill diversity requirement	3 credits are fulfilled in this major with MATH 12002 or MATH 12012	3
	Domestic Diversity Course Requirement Either domestic or global diversity must be from Kent Core	visit www.kent.edu/catalog/diversity	one course
DG	Global Diversity Course Requirement Either domestic or global diversity must be from Kent Core	visit www.kent.edu/catalog/diversity	one course
	Experiential Learning Requirement Either course or non-course experience approved by the appropriate faculty member	ARCH 30102	fulfilled
	Writing-Intensive Course Requirement Minimum C (2.000) grade	ARCH 30001, ARCH 40001	fulfilled