

# ARCHITECTURE - B.S.

College of Architecture and Environmental Design  
www.kent.edu/caed

## About This Program

Design your future with Kent State's Architecture B.S. program. Our program provides you with a comprehensive education in the principles and practices of architecture and prepares you for a one-year path in Kent State's professionally accredited Master of Architecture program. With experienced faculty, advanced coursework, design studios, study abroad opportunities and hands-on experience, you will be prepared to design and build innovative structures that meet the needs of society. Enroll now and take the first step toward architecture licensure and a rewarding career in the profession. Read more...

## Contact Information

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- Speak with an Advisor
- Chat with an Admissions Counselor

## Program Delivery

- **Delivery:**
  - In person
- **Location:**
  - Kent Campus

## Examples of Possible Careers and Salaries\*

### Architects, except landscape and naval

- 0.8% little or no change
- 129,900 number of jobs
- \$82,320 potential earnings

### Architectural and engineering managers

- 2.6% slower than the average
- 198,100 number of jobs
- \$149,530 potential earnings

### Architecture teachers, postsecondary

- 5.1% faster than the average
- 8,500 number of jobs
- \$90,880 potential earnings

### Designers, all other

- -1.9% decline
- 13,600 number of jobs
- \$63,750 potential earnings

## Historians

- 2.6% slower than the average
- 3,500 number of jobs
- \$63,100 potential earnings

\* Source of occupation titles and labor data comes from the U.S. Bureau of Labor Statistics' Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at which half of the workers in the occupation earned more than that amount and half earned less.

## Admission Requirements

The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special talents and adult students who graduated from high school three or more years ago.

**Freshman Students:** Admission to the Architecture major is selective and based on a holistic review process. Prospective applicants must have a minimum 3.000 overall grade point average (on a 4.000 scale) to be considered for a holistic review and potential admission into the Architecture program.

**Applicants with a non-professional bachelor's degree or a pre-professional degree from another institution** will have their prior education evaluated to determine if they meet student performance criteria as stipulated by the National Architectural Accrediting Board (NAAB). If deficient criteria or courses are recognized, the student may be required to complete additional courses to earn the degree. Determinations will be made by the program director and graduate coordinator at the time the student is admitted to the program

**Admission to Non-Degree General major:** Students not admitted to the Architecture major may qualify for admission to the college's non-degree General major. Students in the General major are assigned to freshman orientation classes with students in all College of Architecture and Environmental Design majors. These classes aid in understanding the broad range of career options within the environmental design professions. Students should take regular coursework in preparation to attempt entry into one of the College of Architecture and Environmental Design majors or may consider alternative degree program options. Students should meet with their advisor to aid in making a decision regarding their degree program and major. In order to move forward with a minimum loss of credit hours, it is strongly recommended that students in the General, who were not accepted into a degree program, choose an alternate degree program within or outside the college prior to completing 45 credit hours.

Students in the General major may apply for admission to the architecture Spring/Summer studio programs. To be eligible for consideration, they must complete their first semester (or first-year) with a minimum 2.750 GPA (3.000 GPA or higher are the most competitive), complete first-year non-studio requirements and apply for the summer studio program. Students who are accepted will complete ARCH 10101 and ARCH 10102 during the Spring/Summer between their first and second years. A personal interview with the program director is recommended during the first week of the spring semester of their first year.

**Transfer, Transitioning and Former Students:** For more information about admission criteria for transfer, transitioning and former students, please visit the admissions website.

**International Students:** All international students must provide proof of English language proficiency (unless they meet specific exceptions to waive) by earning a minimum 71 TOEFL iBT score, minimum 6.0 IELTS score, minimum 47 PTE score or minimum 100 DET score, or by completing the ELS level 112 Intensive English Program. For more information on international admission visit the admissions website for international students.

## Program Requirements

### Major Requirements

Code	Title	Credit Hours
<b>Major Requirements (courses count in major GPA)</b>		
ARCH 10011	GLOBAL ARCHITECTURAL HISTORY I (KFA)	3
ARCH 10012	GLOBAL ARCHITECTURAL HISTORY II (KFA)	3
ARCH 10101	FIRST YEAR DESIGN STUDIO I	3
ARCH 10102	FIRST-YEAR DESIGN STUDIO II	3
ARCH 20101	SECOND-YEAR DESIGN STUDIO I	3
ARCH 20102	SECOND-YEAR DESIGN STUDIO II	5
ARCH 20301	INTRODUCTION TO BUILDING STRUCTURES	3
ARCH 20601	COMPUTER APPLICATIONS IN ARCHITECTURE I	1
ARCH 20602	COMPUTER APPLICATIONS IN ARCHITECTURE II	1
ARCH 30031	ARCHITECTURAL DISCOURSES (WIC) <sup>1</sup>	3
ARCH 30101	THIRD-YEAR DESIGN STUDIO I	5
ARCH 30102	THIRD-YEAR DESIGN STUDIO II (ELR) <sup>2</sup>	5
ARCH 40101	FOURTH-YEAR DESIGN STUDIO I	5
ARCH 40102	INTEGRATED DESIGN STUDIO	5
ARCH 40301	STRUCTURAL SYSTEMS I	3
ARCH 40302	STRUCTURAL SYSTEMS II	3
ARCH 40401	METHODS AND MATERIALS I	3
ARCH 40402	METHODS AND MATERIALS II	3
ARCH 40501	ENVIRONMENTAL TECHNOLOGY I	3
ARCH 40502	ENVIRONMENTAL TECHNOLOGY II	3
Architecture (ARCH) Upper-Division Electives (30000 or 40000 level)		9
Architectural History Elective, choose from the following:		3
ARCH 45210	RENAISSANCE ARCHITECTURE	
ARCH 45211	BAROQUE ARCHITECTURE	
ARCH 45213	20TH CENTURY ARCHITECTURAL HISTORY	
ARCH 45220	AMERICAN ARCHITECTURE: COLONIAL TO 1900	
ARCH 45230	FRANK LLOYD WRIGHT	
ARCH 45240	THE SKYSCRAPER	
ARCH 45241	ARCHITECTURE OF WORLD'S FAIRS	
ARCH 45291	SEMINAR: VARIABLE TOPICS IN ARCHITECTURAL HISTORY	
<b>Additional Requirements (courses do not count in major GPA)</b>		
MATH 12002	ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	3-5
or MATH 12012	CALCULUS WITH PRECALCULUS II (KMCR)	
MATH 12011	CALCULUS WITH PRECALCULUS I (KMCR)	3
PHY 13001	GENERAL COLLEGE PHYSICS I (KBS)	4
PHY 13012	COLLEGE PHYSICS II (KBS) <sup>3</sup>	2

PHY 13021	GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	1
UC 10001	FLASHES 101	1
Kent Core Composition		6
Kent Core Humanities		3
Kent Core Social Sciences (must be from two disciplines) <sup>4</sup>		6
Kent Core Additional		3
Non-Architecture Electives (total credit hours depends on earning 124 credit hours, including 39 upper-division credit hours)		14
<b>Minimum Total Credit Hours:</b>		<b>124</b>

- <sup>1</sup> A minimum C grade must be earned to fulfill the writing-intensive requirement.
- <sup>2</sup> This course is equivalent to ARCH 30112.
- <sup>3</sup> Students who successfully complete PHY 13002 will have met the requirement for PHY 13012.
- <sup>4</sup> ECON 22060 is a recommended Kent Core Social Sciences course.

## Progression Requirements

Requirements for advancement to third year—professional level:

Advancement review for the B.S. degree in Architecture occurs upon completion of second-year architecture course work. To advance, students must accomplish the following:

- Comply with all specific course prerequisites
- Earn a minimum 2.250 GPA in architecture courses
- Earn a minimum 2.500 overall GPA
- Complete the following courses: ARCH 10101, ARCH 10102, ARCH 10011, ARCH 10012, ARCH 20101, ARCH 20102, ARCH 20301, ARCH 20601, ARCH 20602, ARCH 30031, MATH 12002 (or MATH 12011 and MATH 12012), PHY 13001, PHY 13012, PHY 13021, UC 10001 and Kent Core Composition.

## Graduation Requirements

Minimum Major GPA	Minimum Overall GPA
2.250	2.000

- Architecture majors may not use the following course to satisfy the architectural major requirements: ARCH 10001.
- No more than 4 credit hours of Physical Activity, Wellness and Sport (PWS) courses may apply to required credit hours for graduation.
- No more than the first 16 credit hours of ROTC courses—Aerospace Studies (ASTU) and Military Studies (MSCI)—may apply to required credit hours for graduation. Veterans who have completed a minimum one year of active duty may receive PWS credit for military basic training according to branch of service, as follows:
  - Army and Marine Corps: 3 credit hours
  - Navy and Coast Guard: 2 credit hours
  - Air Force: 1 credit hour

## Roadmap

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

Semester One		Credits
ARCH 10011	GLOBAL ARCHITECTURAL HISTORY I (KFA)	3
ARCH 10101	FIRST YEAR DESIGN STUDIO I	3
ARCH 20601	COMPUTER APPLICATIONS IN ARCHITECTURE I	1
MATH 12011	CALCULUS WITH PRECALCULUS I (KMCR)	3
UC 10001	FLASHES 101	1
Kent Core Requirement		3
<b>Credit Hours</b>		<b>14</b>
Semester Two		Credits
ARCH 10012	GLOBAL ARCHITECTURAL HISTORY II (KFA)	3
ARCH 10102	FIRST-YEAR DESIGN STUDIO II	3
ARCH 20602	COMPUTER APPLICATIONS IN ARCHITECTURE II	1
MATH 12002	ANALYTIC GEOMETRY AND CALCULUS I (KMCR) or CALCULUS WITH PRECALCULUS II (KMCR)	3-5
MATH 12012		
Kent Core Requirement		3
Kent Core Requirement		3
<b>Credit Hours</b>		<b>16</b>
Semester Three		Credits
! ARCH 20101	SECOND-YEAR DESIGN STUDIO I	3
ARCH 30031	ARCHITECTURAL DISCOURSES (WIC)	3
! PHY 13001	GENERAL COLLEGE PHYSICS I (KBS)	4
! PHY 13021	GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	1
Kent Core Requirement		3
Non-Architecture Elective		1
<b>Credit Hours</b>		<b>15</b>
Semester Four		Credits
Requirement: Kent Core Composition courses (6 credit hours) must be completed.		
! ARCH 20102	SECOND-YEAR DESIGN STUDIO II	5
! ARCH 20301	INTRODUCTION TO BUILDING STRUCTURES	3
! PHY 13012	COLLEGE PHYSICS II (KBS)	2
Kent Core Requirement		3
Non-Architecture Electives		4
<b>Credit Hours</b>		<b>17</b>
Semester Five		Credits
Requirements: minimum 2.250 GPA in ARCH courses, minimum overall 2.500 GPA. Note: no more than one deficiency in required major coursework listed in the first four semesters.		
! ARCH 30101	THIRD-YEAR DESIGN STUDIO I	5
ARCH 40301	STRUCTURAL SYSTEMS I	3
ARCH 40401	METHODS AND MATERIALS I	3
ARCH 40501	ENVIRONMENTAL TECHNOLOGY I	3
Non-Architecture Elective		1
<b>Credit Hours</b>		<b>15</b>
Semester Six		Credits
! ARCH 30102	THIRD-YEAR DESIGN STUDIO II (ELR)	5
Architecture (ARCH) Upper-Division Electives (30000 or 40000 level)		6
Non-Architecture Electives		5
<b>Credit Hours</b>		<b>16</b>
Semester Seven		Credits
! ARCH 40101	FOURTH-YEAR DESIGN STUDIO I	5
! ARCH 40402	METHODS AND MATERIALS II	3
! ARCH 40502	ENVIRONMENTAL TECHNOLOGY II	3
Architecture (ARCH) Upper-Division Elective (30000 or 40000 level)		3

Kent Core Requirement		3
<b>Credit Hours</b>		<b>17</b>
Semester Eight		Credits
! ARCH 40102	INTEGRATED DESIGN STUDIO	5
! ARCH 40302	STRUCTURAL SYSTEMS II	3
Architectural History Elective		3
Non-Architecture Elective		3
<b>Credit Hours</b>		<b>14</b>
<b>Minimum Total Credit Hours:</b>		<b>124</b>

## University Requirements

All students in a bachelor's degree program at Kent State University must complete the following university requirements for graduation.

**NOTE:** University requirements may be fulfilled in this program by specific course requirements. Please see Program Requirements for details.

Flashes 101 (UC 10001)	1 credit hour
Course is not required for students with 30+ transfer credits (excluding College Credit Plus) or age 21+ at time of admission.	
Diversity Domestic/Global (DIVD/DIVG)	2 courses
Students must successfully complete one domestic and one global course, of which one must be from the Kent Core.	
Experiential Learning Requirement (ELR)	varies
Students must successfully complete one course or approved experience.	
Kent Core (see table below)	36-37 credit hours
Writing-Intensive Course (WIC)	1 course
Students must earn a minimum C grade in the course.	
Upper-Division Requirement	39 credit hours
Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate.	
Total Credit Hour Requirement	120 credit hours

## Kent Core Requirements

Kent Core Composition (KCMP)	6
Kent Core Mathematics and Critical Reasoning (KMCR)	3
Kent Core Humanities and Fine Arts (KHUM/KFA) (min one course each)	9
Kent Core Social Sciences (KSS) (must be from two disciplines)	6
Kent Core Basic Sciences (KBS/KLAB) (must include one laboratory)	6-7
Kent Core Additional (KADL)	6
<b>Total Credit Hours:</b>	<b>36-37</b>

## Program Learning Outcomes

Graduates of this program will be able to:

1. Demonstrate the fundamentals of visual perception and the principles of two and three-dimensional form and space making.
2. Demonstrate comprehensive design studio experiences through which graduates apply an understanding of the integration of building design, site design, assemblies, structure, environmental systems and building code requirements.

3. Demonstrate an understanding of building systems and their integration for human comfort, including lighting, heating ventilation and acoustics.

## Full Description

The Bachelor of Science degree in Architecture enables students to learn, develop and apply knowledge that contributes to the betterment of the built environment. The balanced curriculum of technology, visualization, history, theory and design studio coursework offers a platform for research, constructive discourse and debate.

Northeast Ohio's rich history and dynamic urban landscape serve as a setting for academic learning. By placing equal emphasis on the art and science of architectural design, the curriculum inspires experimentation, collaboration, discovery, critical thinking and innovation in a studio context of project-based learning. The program fosters academic excellence and prepares students to become leaders in the architecture field.

The college offers full-semester programs abroad for qualified third-year students. The study abroad program is housed in the heart of historic Florence, Italy. The program is open to all students who have made satisfactory progress toward completion of their undergraduate program.