

ARCHITECTURE AND ENVIRONMENTAL DESIGN - M.S.

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

About This Program

Seeking career expertise in the built environment? Our research degree (STEM accredited) can help you forge a powerful career in architecture and the environmental design fields by combining design and science. Working closely with national leading faculty, students immerse themselves in cutting-edge topics such as A.I., robotics, bioclimatics, living architecture, kinetics or other subjects. Join us in making new knowledge, discoveries and innovations. Read more...

Contact Information

- Program Coordinator: **Reid Coffman** | rcoffma4@kent.edu
- Academic Recruitment and Retention Coordinator: **Deb Lamm** | dlamm@kent.edu | 330-672-0351
- Connect with an Admissions Counselor: U.S. Student | International Student

Program Delivery

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

Examples of Possible Careers and Salaries*

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

Calibration technologists and technicians and engineering technologists and technicians, except drafters, all other

- 2.1% slower than the average
- 91,600 number of jobs
- \$64,190 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.

For more information about graduate admissions, visit the graduate admission website. For more information on international admissions, visit the international admission website.

Admission Requirements

- Bachelor's degree in a professional or pre-professional environmental design program¹
- Minimum 3.000 undergraduate GPA² on a 4.000 point scale
- Official transcript(s)
- GRE scores
- Résumé
- Goal statement (two pages) that includes an outline of a proposed study program
- Portfolio for design and research work
- Three letters of recommendation
- English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
 - Minimum 550 TOEFL PBT score
 - Minimum 79 TOEFL IBT score
 - Minimum 77 MELAB score
 - Minimum 6.5 IELTS score
 - Minimum 58 PTE score
 - Minimum 110 Duolingo score

¹ Conditional admission may be offered to applicants with undergraduate and graduate degrees in related disciplines.

² Applicants with a 3.00 to 3.19 GPA may be conditionally admitted on an individual case-by-case basis.

Application Deadlines

- **Fall Semester**
 - Application deadline: February 1

Applications submitted after this deadline will be considered on a space-available basis.

Program Requirements

Major Requirements

Code	Title	Credit Hours
Major Requirements		
AED 60922	METHODS OF INQUIRY IN ARCHITECTURAL STUDIES	2
AED 60923	EMPIRICAL RESEARCH IN ENVIRONMENTAL DESIGN	1
AED 60930	APPLIED RESEARCH METHODS IN ARCHITECTURE AND ENVIRONMENTAL DESIGN	3
AED 66098	TOPICAL IMMERSION	3
AED 66198	ADVANCED PROPOSAL WRITING	2
ARCH 60301	THEORIES OF ARCHITECTURE	3
Electives (50000 or 60000 level) ¹		15

Culminating Requirement

AED 66199	THESIS I	6
Minimum Total Credit Hours:		35

¹ Students select elective courses upon approval of their advisor.

Program Learning Outcomes

Graduates of this program will be able to:

1. Investigate new relationships within the built environment
2. Gather, collect and analyze data
3. Co-author of technical and scientific reports, summaries, papers, abstracts, briefs and/or the development of products and technologies that may lead to patents and intellectual property

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
AED 60922	METHODS OF INQUIRY IN ARCHITECTURAL STUDIES	2
AED 60923	EMPIRICAL RESEARCH IN ENVIRONMENTAL DESIGN	1
AED 66098	TOPICAL IMMERSION	3
ARCH 60301	THEORIES OF ARCHITECTURE	3
Credit Hours		9
Semester Two		
AED 60930	APPLIED RESEARCH METHODS IN ARCHITECTURE AND ENVIRONMENTAL DESIGN	3
AED 66198	ADVANCED PROPOSAL WRITING	2
Elective (50000 or 60000 level)		3
Credit Hours		8
Semester Three		
AED 66199	THESIS I	3
Electives (50000 or 60000 level)		6
Credit Hours		9
Semester Four		
AED 66199	THESIS I	3
Electives (50000 or 60000 level)		6
Credit Hours		9
Minimum Total Credit Hours:		35

Full Description

The Master of Science degree in Architecture and Environmental Design is a research-intensive program with one-year full residency requirement. The program is best suited for individuals interested in pursuing a specialization in the built environment.

The program may be taken as a dual degree with the Master of Architecture degree.