

HEALTHCARE DESIGN - M.H.D.

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

About This Program

Looking to combine your passion for healthcare with your interest in design? Look no further than the Master of Healthcare Design degree. With a strong emphasis on evidence-based design and interdisciplinary collaboration, this program prepares graduates to create innovative, patient-centered environments that enhance the healing process. From hands-on design studios to research opportunities, the M.H.D. degree will equip you with the skills and knowledge you need for a successful career in healthcare design. Read more...

Contact Information

- Program Coordinator: **Sara Bayramzadeh** | sbayramz@kent.edu | 330-672-0936
- Connect with an Admissions Counselor: U.S. Student | International Student

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

Interior designers

- -4.9% decline
- 77,900 number of jobs
- \$57,060 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

- Accredited professional design degree
- Minimum 2.750 undergraduate GPA on a 4.000 point scale
- Official transcript(s)
- Résumé or curriculum vitae
- Goal statement
- Portfolio of design work that clearly delineates the role played by the applicant in team projects
- Three letters of recommendations, with one letter from a non-academic source
- English language proficiency requirements for international students:
 - 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 English score

Application Deadlines

- **Fall Semester**
 - Application Deadline: February 1
- **Spring Semester**
 - Application Deadline: June 1

Applications submitted after these deadlines will be considered on a space-available basis.

Program Requirements

Major Requirements

Code	Title	Credit Hours
Major Requirements		
HCD 60000	HEALTHCARE DESIGN STUDIO	6
HCD 60092	PRACTICAL EXPERIENCE	1
HCD 60100	HEALTHCARE SYSTEMS WORKSHOP	3
HCD 60101	HEALTHCARE DESIGN WORKSHOP: CULTURE AND ETHICS	3
HCD 63001	EVIDENCE-BASED DESIGN IN HEALTHCARE	2
HCD 63002	HEALTHCARE FACILITIES	2
HCD 63003	ENVIRONMENTAL SYSTEMS AND MATERIALS IN HEALTHCARE	2
HCD 63004	ENVIRONMENTS OF CARE AND PATIENT POPULATIONS	2
HCD 63005	PATIENT SAFETY AND SYSTEMS THINKING	2
Major Elective, choose from the following:		3
ARCH 55640	DEVELOPING ENVIRONMENTS FOR OLDER ADULTS	
EHS 50109	LABORATORY SAFETY AND HYGIENE	
EHS 52018	ENVIRONMENTAL HEALTH CONCEPTS IN PUBLIC HEALTH	

EHS 53012	OCCUPATIONAL SAFETY AND HEALTH	
EHS 53014	BUILT ENVIRONMENT AND PUBLIC HEALTH	
HPM 52016	PUBLIC HEALTH ADMINISTRATION	
HPM 63003	HEALTH CARE SYSTEMS	
HPM 63004	PUBLIC HEALTH POLICY, LAW AND ETHICS	
HPM 63012	NATIONAL HEALTH REFORM	
NURS 60014	LEADERSHIP IN NURSING AND HEALTH CARE MANAGEMENT	
NURS 60020	LEGAL AND REGULATORY MANAGEMENT FOR NURSE ADMINISTRATORS	
NURS 60024	HEALTH CARE ORGANIZATION STRUCTURE AND BEHAVIOR	
SBS 54634	SOCIAL DETERMINANTS OF HEALTH BEHAVIORS	
Directed Electives ¹		
<i>Culminating Requirement</i>		
HCD 61099	MASTER'S PROJECT PREPARATION	3
HCD 62099	MASTER'S PROJECT STUDIO	6
Minimum Total Credit Hours:		35

¹ Students may work with the coordinator of the program for additional elective choices.

Program Learning Outcomes

Graduates of the program will be able to:

1. Recognize and employ expert knowledge, guidelines and regulations in healthcare design and delivery
2. Design effectively in support of safety, quality and efficiency in healthcare
3. Design empathetically to improve human-centered design experience for healthcare providers, patients and support communities
4. Employ and translate research into innovative designs

Full Description

The Master of Healthcare Design degree is a post-professional degree and one of the very few in the country focusing on the design of healthcare facilities. The MHCD program equips students with the knowledge and skills required to design spaces that are conducive to safety, satisfaction, and efficiency for all end users, including patients, staff, and caregivers. The MHD program is also designed for those professionals who want to have a deeper understanding of not just healthcare design, but of other drivers of healthcare innovations such as public policy, reimbursement, emerging technologies and what patient-centered care really means from the perspective of patients and families.

Upon graduation, our alumni are employed in healthcare-focused architecture and design firms. Kent State University's Healthcare Design program is also a member of the AIA's Design & Health Research Consortium.

Program curriculum is diverse by complementing required courses with electives from Colleges of Public Health, Nursing, and beyond. Connecting with professionals in the field is one of the core missions of the program, expanding students' network and exposure to real-world projects.

To earn the degree, students must complete a master's project by designing a healthcare environment of their choice. Students will develop research-based design guidelines for their individual projects to guide

their designs. The program takes one and a half or two years to complete, depending on course load.