

HEALTHCARE DESIGN - M.H.D.

College of Architecture and Environmental Design
Center for Architecture and Environmental Design
Kent Campus
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Description

The Master of Healthcare Design degree is a post-professional program focusing on the design and performance of health care environments for professionals with a demonstrated level of competency in their respective fields. Courses from the College of Architecture and Environmental Design, the College of Public Health and the College of Nursing comprise the program, which is open to individuals with a professional degree in a design field, including architecture, interiors, landscape or urban or graphic design.

The program is also designed for those professionals who want to have a deeper understanding of not just health care design, but of other drivers of health care innovations such as public policy, reimbursement, emerging technologies and what patient-centered care really means from the perspective of patients and families. The program typically takes two to three and a half years to complete, depending on course load.

Students are introduced to professionals in many different fields over the course of the program, expanding their horizons as well as their networks. Program courses provide students with background knowledge and theory, and also deal with behavioral science, health science, ethical and cultural issues in health care, codes and regulatory requirements, existing and emerging technologies and evidence-based design procedures that aid architects, administrators, planners and health care professionals to better meet the needs of end users, including patients, families and staff.

Following successful completion of coursework, students complete a master's project, which integrates learned principles and incorporates codified standards through an independently-directed design problem with the goal of improving designs for health care. There is both a written component and a design component based on a real project in a health care setting of the student's choice. Students will conduct a literature review and analysis, complete comparable site analyses, develop and conduct a research project in the setting and develop design solutions.

Fully Offered At:

- Kent Campus

Admission Requirements

- Accredited professional design degree for unconditional admission
- Minimum 3.000 undergraduate GPA on a 4.000 point scale for unconditional admission
- 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.

For more information about graduate admissions, please visit the Graduate Studies website. For more information on international admission, visit the Office of Global Education's admission website.

Program Learning Outcomes

Graduates of the program will be able to:

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

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	
GERO 54032	LONG TERM CARE ADMINISTRATION	
HPM 52016	PUBLIC HEALTH ADMINISTRATION	
HPM 53003	HEALTH CARE SYSTEMS	
HPM 53004	PUBLIC HEALTH POLICY, LAW AND ETHICS	
HPM 53012	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	
<i>Culminating Experience</i>		
HCD 60198	MASTER'S PROJECT IN HEALTHCARE DESIGN I	3
HCD 60298	MASTER'S PROJECT IN HEALTHCARE DESIGN II	6
Directed Electives ¹		
Minimum Total Credit Hours:		35

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