HEALTHCARE DESIGN - M.H.D.

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

Examples of Possible Careers*
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

Contact Information
• Program Coordinator: Sara Bayramzadeh | sbayramz@kent.edu | 330-672-0936
• Chat with an Admissions Counselor

Fully Offered
• Delivery:
  • In person
• Location:
  • Kent Campus

Admission Terms
• Fall
• Spring

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

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

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

*Note
Source of occupation titles and labor data is 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.

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.

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## Program Requirements

### Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>HCD 60000</td>
<td>HEALTHCARE DESIGN STUDIO</td>
<td>6</td>
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<tr>
<td>HCD 60092</td>
<td>PRACTICAL EXPERIENCE</td>
<td>1</td>
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<tr>
<td>HCD 60100</td>
<td>HEALTHCARE SYSTEMS WORKSHOP</td>
<td>3</td>
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<tr>
<td>HCD 60101</td>
<td>HEALTHCARE DESIGN WORKSHOP: CULTURE AND ETHICS</td>
<td>3</td>
</tr>
<tr>
<td>HCD 63001</td>
<td>EVIDENCE-BASED DESIGN IN HEALTHCARE</td>
<td>2</td>
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<tr>
<td>HCD 63002</td>
<td>HEALTHCARE FACILITIES</td>
<td>2</td>
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<tr>
<td>HCD 63003</td>
<td>ENVIRONMENTAL SYSTEMS AND MATERIALS IN HEALTHCARE</td>
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<tr>
<td>HCD 63004</td>
<td>ENVIRONMENTS OF CARE AND PATIENT POPULATIONS</td>
<td>2</td>
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<tr>
<td>HCD 63005</td>
<td>PATIENT SAFETY AND SYSTEMS THINKING</td>
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**Major Elective, choose from the following:**

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<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>ARCH 55640</td>
<td>DEVELOPING ENVIRONMENTS FOR OLDER ADULTS</td>
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<tr>
<td>EHS 50109</td>
<td>LABORATORY SAFETY AND HYGIENE</td>
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<tr>
<td>EHS 52018</td>
<td>ENVIRONMENTAL HEALTH CONCEPTS IN PUBLIC HEALTH</td>
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<tr>
<td>EHS 53012</td>
<td>OCCUPATIONAL SAFETY AND HEALTH</td>
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<tr>
<td>EHS 53014</td>
<td>BUILT ENVIRONMENT AND PUBLIC HEALTH</td>
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<td>HPM 52016</td>
<td>PUBLIC HEALTH ADMINISTRATION</td>
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<td>HPM 63003</td>
<td>HEALTH CARE SYSTEMS</td>
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<tr>
<td>HPM 63004</td>
<td>PUBLIC HEALTH POLICY, LAW AND ETHICS</td>
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<tr>
<td>HPM 53012</td>
<td>NATIONAL HEALTH REFORM</td>
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<tr>
<td>NURS 60014</td>
<td>LEADERSHIP IN NURSING AND HEALTH CARE MANAGEMENT</td>
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<tr>
<td>NURS 60020</td>
<td>LEGAL AND REGULATORY MANAGEMENT FOR NURSE ADMINISTRATORS</td>
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<td>NURS 60024</td>
<td>HEALTH CARE ORGANIZATION STRUCTURE AND BEHAVIOR</td>
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<td>SBS 54634</td>
<td>SOCIAL DETERMINANTS OF HEALTH BEHAVIORS</td>
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**Directed Electives**

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**Culminating Requirement**

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<tr>
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<td>MASTER'S PROJECT PREPARATION</td>
<td>3</td>
</tr>
<tr>
<td>HCD 62099</td>
<td>MASTER'S PROJECT STUDIO</td>
<td>6</td>
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**Minimum Total Credit Hours:** 35

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