

HEALTHCARE DESIGN (HCD)

HCD 60000 HEALTHCARE DESIGN STUDIO 6 Credit Hours

Course integrates and applies expert knowledge in healthcare design. Projects demonstrate solutions through design, case study analysis and in collaboration with industry and healthcare partners.

Prerequisite: Graduate standing.

Schedule Type: Studio

Contact Hours: 6 other

Grade Mode: Standard Letter

HCD 60092 PRACTICAL EXPERIENCE 1 Credit Hour

Course offers students three options: internship, observation or research. Tracks allow for first-hand experience with a healthcare facility design project or environment; and to develop professional communication skills.

Prerequisite: Graduate standing.

Schedule Type: Practicum or Internship

Contact Hours: 1 other

Grade Mode: Standard Letter

HCD 60100 HEALTHCARE SYSTEMS WORKSHOP 3 Credit Hours

Course integrates the knowledgebase gained in other core courses into design evaluations and solutions, helping students apply what they have learned in practice. Focus is on learning about other healthcare systems, design trends and research applications. Students deliver a design project and/or a report of the field trip.

Prerequisite: Graduate Standing.

Schedule Type: Workshop

Contact Hours: 3 other

Grade Mode: Standard Letter

HCD 60101 HEALTHCARE DESIGN WORKSHOP: CULTURE AND ETHICS 3 Credit Hours

Course integrates the knowledgebase gained in other courses into design evaluations and solutions, helping students apply what they have learned in practice. Focus is on a small design project.

Prerequisite: Graduate standing.

Schedule Type: Workshop

Contact Hours: 3 other

Grade Mode: Standard Letter

HCD 60198 MASTER'S PROJECT IN HEALTHCARE DESIGN I 3 Credit Hours

Oriented to the individual student, focusing on research surrounding a specific aspect health care facility design. The student then defines the design issue and establishes the parameters around which their masters design project is executed. Prerequisite: Graduate standing; and special approval

Schedule Type: Master's Project, Research

Contact Hours: 3 other

Grade Mode: Standard Letter

HCD 60298 MASTER'S PROJECT IN HEALTHCARE DESIGN II 6 Credit Hours

Focused on an individual student's defined master's project topic and overseen by a faculty advisor and committee members. Concludes in the design of the specific issue detailed by the student in HCD 60198.

Prerequisite: HCD 60198; and Graduate standing and special approval.

Schedule Type: Master's Project

Contact Hours: 6 other

Grade Mode: Standard Letter

HCD 63001 EVIDENCE-BASED DESIGN IN HEALTHCARE 2 Credit Hours

Course offers the knowledge and skills required for applied research, and the use of credible data in the design decision-making process. Encompasses the evidence-based design (EBD) process, and how it applies in projects.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 2 lecture

Grade Mode: Standard Letter

HCD 63002 HEALTHCARE FACILITIES 2 Credit Hours

An investigation of the history and types of healthcare facilities, design guidelines and basic planning and programming requirements for their planning and design.

Prerequisite: Graduate standing and special approval.

Schedule Type: Lecture

Contact Hours: 2 lecture

Grade Mode: Standard Letter

HCD 63003 ENVIRONMENTAL SYSTEMS AND MATERIALS IN HEALTHCARE 2 Credit Hours

An investigation of architectural finishes, furnishings, mechanical systems and lighting in healthcare settings.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 2 lecture

Grade Mode: Standard Letter

HCD 63004 ENVIRONMENTS OF CARE AND PATIENT POPULATIONS 2 Credit Hours

Course explores the functional, operational and person psychosocial requirements for different patient populations. Focus is on how design can respond to specific patient population needs.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 2 lecture

Grade Mode: Standard Letter

HCD 63005 PATIENT SAFETY AND SYSTEMS THINKING 2 Credit Hours

Course introduces systems engineering initiative for patient safety as a major interdisciplinary approach known as systems thinking. Covers the basics of human factors in healthcare and the interactive relationship between humans and the environment; including the factors contributing to patient safety in healthcare settings, and the role environments play in patient safety.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 2 lecture

Grade Mode: Standard Letter