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 knowledge-base 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