

# HUMAN CENTERED DESIGN

## College of Human Ecology

Graduate Study in Design + Environmental Analysis

### Master of Science in HUMAN ENVIRONMENT RELATIONS

Two-Year Graduate Program

#### CONCENTRATION: Design + Health

The Design and Health concentration within the MS in Human-Environment Relations focuses on the effects of the physical environment on physical health and mental health, as well as health-related behaviors. Focal contexts range from home and neighborhood, to schools, workplaces, and healthcare settings. Student and faculty research within Design + Health examines topics such as environmental influences on health-related behaviors such as physical activity and diet; metrics of physical health or recovery from illness; measures of mental health or community cohesion; environmental factors that affect cognitive functioning, performance, or error-rates; and more.

#### CAREERS

Students who complete the MS in Human-Environment Relations with the Design and Health concentration will be well-positioned for careers focused on environment-health studies, environmental psychology, and healthcare design research. Careers might center on healthcare settings, residential environments, or workplaces, for example; or could focus on public health, or connections between environment-behavior studies and interior design, architecture or urban planning.

#### M.S. REQUIREMENTS/SUGGESTED COURSEWORK

##### A. Required Core DEA Field Courses:

DEA 6100	Studies in Design Thinking	3 credits
DEA 6200	Studies in Human-Environment Relations	3 credits
DEA 7100	DEA Graduate Pro Seminar (1 credit / semester x 4 semesters)	4 credits

##### B. Required Foundational Courses for Concentration:

DEA 5304	Design Accountability: Evaluation of the Physical Environment	3 credits
DEA 6055	Hospitality, Health and Design Industry Immersion Seminar	1 credit
DEA 6500	Problem-Seeking through Programming	3 credits

##### AND Choose ONE (1) of the following courses

DEA 6550	Healthcare Innovations	3 credits
DEA 6610	Environments and Health	3 credits

##### C. Research Methods:

DEA 6560	Research Methods in Social Sciences	4 credits
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##### D. Statistics: ONE (1) 3-4 credit (5000-level or higher) course

Various	Statistics <sup>i</sup>	3-4 credits
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**E. DEA Breadth: Choose TWO (2) of the following courses**

DEA 5305	Health and Healing Studio	4 credits
DEA 5540	Workplace Strategy Studio	4 credits
DEA 5560	Health Impact Assessment	3 credits
DEA 5700	Designing Age Friendly Environments	3 credits
DEA 6520	The Ambient Environment	3 credits
DEA 6650	Poverty, Children and the Environment	3 credits
PAM 5500	Operations and Planning of Senior Living and Related Facilities	2 credits

**F. Thesis Courses:**

DEA 8990	Master's Thesis <sup>ii</sup>	8-12 credits
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**G. Minor Courses:**

Various	Courses for minor varies: typically 2 or 3, 3-or 4-credit courses	6-12 credits
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Summary of Curriculum	Number of Courses	Course Credits
<b>A. Required DEA Field Courses</b>	3 <sup>iii</sup>	10
<b>B. Required Foundational Courses for Concentration</b>	4	10
<b>C. Research Methods</b>	1	4
<b>D. Statistics</b>	1	3-4
<b>E. DEA Breadth</b>	2	5-8
<b>F. Thesis Courses <sup>ii</sup></b>	1-2	8-12
<b>G. Minor Field Courses</b>	3	6-12
<b>Total Courses: 15-16</b>		<b>Total Course Credits: 46-60</b>

<sup>i</sup> e.g: BTRY 6010, BTRY 7180, ILRST 5100, ILRST 6100, PSYCH 6750, HD 6750.

<sup>ii</sup> Thesis credits determined at the discretion of thesis committee; the number of courses and credits listed merely indicate typical range.

<sup>iii</sup> Includes DEA 7100 as 1 course (but is required to be taken 4 times (1 credit each))

**NOTE:** A minimum grade of B- will be required for courses taken within the major. If a grade lower than a B- is received on a course taken within the major, the student will be required to retake the course.

Course offerings may change year to year. Consult the Courses of Study for current offerings.