DESIGN + ENVIRONMENTAL ANALYSIS

College of Human Ecology

Graduate Study in Design + Environmental Analysis

Master of Science in HUMAN ENVIRONMENT RELATIONS

Two-Year Graduate Program

CONCENTRATION: Environmental Psychology and Human Factors

Environmental Psychology and Human Factors (EPHF) is a multi-disciplinary concentration that focuses on the inter-relations between human beings and the physical environment. Included in this concentration are the two "cousin" disciplines of environmental psychology and human factors/ ergonomics while the backgrounds of the faculty studying these topics may include: environmental, developmental, and human factors psychology; as well as interior design, industrial design, and architecture.

Graduate training with a concentration in EPHF is suitable for those interested in careers working closely with designers as behavior science consultants/ team members. Foci include:

- Role of physical settings in human behavior
- Methods and processes for planning, designing, and managing the built environment
- Dynamic interplay between user characteristics (e.g., disability, age, socio-cultural, gender) and the built environment.

CAREERS

Career opportunities include facility planning and management; ergonomics research; architectural programming and post-occupancy evaluation; planning and environmental management; and various design and research organizations related to the physical environment. The MS in EPHF also provides an excellent foundation for more advanced graduate work in the fields of environmental psychology, human factors/ ergonomics, urban and regional planning, geography, housing, social epidemiology and other social sciences.

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 6500	Problem-Seeking through Programming	3 credits

C. Research Methods:

DEA 6560	Research Methods in Social Sciences	4 credits

D. Statistics: ONE (1) 3-4 credit (5000-level or higher) course

Various	Statistics [i]	3-4 credits

E. DEA Breadth: Choose THREE (3) of the following courses

DEA 5700	Designing Age Friendly Environments	3 credits
DEA 6510	Human Factors and Inclusive Design	3 credits
DEA 6520	The Ambient Environment	3 credits
DEA 6610	Environments and Health	3 credits
DEA 6650	Poverty, Children and the Environment	3 credits
DEA 6700	Applied Ergonomic Methods	3 credits

F. Thesis Courses:

DEA 8990	Master's Thesis [ii]	8-12 credits

G. Minor Courses:

Various	Courses for minor varies: typically 2 or 3, 3-or 4-credit courses	6-12 credits

Summary of Curriculum	Number of Courses	Course Credits
A. Required DEA Field Courses	3[iii]	10
B. Required Foundational Courses for Concentration	1	3
C. Research Methods	1	4
D. Statistics	1	3-4
E. DEA Breadth	3	9
F. Thesis Courses [ii]	1-2	8-12
G. Minor Field Courses	3	6-12
	Total Courses: 13-14	**Total Course Credits: 43-54**

[i] e.g: BTRY 6010, BTRY 7180, ILRST 5100, ILRST 6100, PSYCH 6750, HD 6750.
[ii] Thesis credits determined at the discretion of thesis committee; the number of courses and credits listed merely indicate typical range.
[iii] 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.