

HUMAN CENTERED DESIGN

College of Human Ecology

Graduate Study in Design + Environmental Analysis

Ph.D. in HUMAN BEHAVIOR AND DESIGN

Four-Year Graduate Program

PH.D. REQUIREMENTS/SUGGESTED COURSEWORK

A. Required Core DEA Field Courses:

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

B. Research Methods: DEA 6560 + ONE (1) additional 3-4 credit (5000-level or higher) methods course¹

DEA 6560	Research Methods in Social Sciences	4 credits
Various	Research Methods ¹	3-4 credits

C. Statistics: ONE (1) 3-4 credit (5000-level or higher) course²

Various	Statistics ²	3-4 credits
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D. Choose ONE (1) 5000-level or higher DEA graduate courses (at least 3 credits total)³

DEA 5304	Design Accountability: Evaluation of the Physical Environment	3 credits
DEA 5520	Virtual Experience of Designed Environments	3 credits
DEA 5560	Health Impact Assessment	3 credits
DEA 5700	Designing Age Friendly Environments	3 credits
DEA 6025	Designing Decolonial Futures: Imagining the World Differently	3 credits
DEA 6040	Future Body Craft	3 credits
DEA 6055	Hospitality, Health and Design Industry Immersion Seminar	1 credit
DEA 6210	Architectural Robotics	3 credits
DEA 6250	Human Dimensions of Sustainable Building	3 credits
DEA 6500	Problem-Seeking through Programming	3 credits
DEA 6510	Human Factors and Inclusive Design	3 credits
DEA 6520	The Ambient Environment	3 credits
DEA 6550	Healthcare Innovations	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

D. Dissertation Courses:

DEA 9990	Ph.D. Thesis and Research ⁴	32-48 credits
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E. Minor Courses x2: Determined by minor members

Various	Courses for minors varies: typically, 1-3, 3-or 4-credit courses	6-24 credits
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Design Studio / Design Methods Elective Options:

DEA 5210	Interaction Design Studio	4 credits
DEA 5305	Health and Healing Studio	4 credits
DEA 5540	Workplace Strategy Studio	4 credits
DEA 6406	Generative Design Studio	4 credits

Summary of Curriculum	Number of Courses	Course Credits
A. Required Core DEA Field Courses	3 ⁵	10
B. Research Methods ¹	2	7-8
C. Statistics ²	1	3-4
D. Additional DEA Grad Courses ("choose 1...") ³	1	3
E. Doctoral Dissertation ⁴	~4	~32-48 credits
F. Courses in Minor	1-3 as required x 2 minors	6-24
	Total Courses: 13-17	Total Course Credits: 61-97

¹ A list of grad-level methods courses can be found at: <https://socialsciences.cornell.edu/methods-courses>

² Examples: BTRY 6010, BTRY 7180, ILRST 5100, ILRST 6100, PSYCH 6750, HD 6750.

³ Should be formal course offered by DEA faculty.

⁴ Dissertation credits determined at discretion of dissertation committee; number of courses + credits here reflect typical range.

⁵ Includes DEA 7100 as 1 course (but is required to be taken 4 times (1 credit each))

NOTES: A minimum grade of B- is 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 online Courses of Study for current offerings.

HYPOTHETICAL SCHEDULE – *an example*

Semester 1 (Fall)

DEA 6560	Research Methods	4 cr
DEA 6200	Studies in HER	3 cr
Statistics		4 cr
DEA 7100	Grad seminar	<u>1 cr</u>
	Total	12 cr

Semester 2 (Spring)

DEA 6100	Studies in Design Thinking	3 cr
Minor A course 1		3-4 cr
X DEA Grad course		3 cr
Minor B course 1		3-4 cr
DEA 7100	Grad seminar	<u>1 cr</u>
	Total	13-15 cr

Semester 3 (Fall)

Research Methods 2		3-4 cr
Minor A course 2		3-4 cr
Minor A course 3		3-4 cr
Independent Study		2 cr
DEA 7100	Grad seminar	<u>1 cr</u>
	Total	12-15 cr

Semester 4 (Spring)

Elective		4 cr
Minor B course 2		3-4 cr
Minor B course 3		3-4 cr
Independent Study		1 cr
DEA 7100	Grad seminar	<u>1 cr</u>
	Total	12-14 cr

Semester 5 - 8

Dissertation credits ~32-48 credits
Might take DEA 7100 once or twice here

Summary:

DEA Field Requirements	3 courses (7100 x 4)	10 credits
Research Methods and Statistics	3 courses	10-12 credits
Courses in Major (DEA grad + others)	1 courses	3 credits
Minor A	3 courses	9-12 credits
Minor B	3 courses	9-12 credits
Dissertation credits		<u>~32-48 credits</u>
	13 + dissertation	73-97 credits

Notes:

- Students are advised to take 3 courses (12-13 credits) if TA'ing; and otherwise 4 courses (12-17 credits).
- The number of courses required for a minor is determined by your minor member (or the graduate field they represent). Three (3) courses is common.