

HUMAN CENTERED DESIGN

College of Human Ecology

D+EA Program Curriculum Overview¹

2023-2024

Students should read [Undergraduate Student Policies](#) carefully, and are strongly recommended to consult their academic advisors for curriculum planning.

University and College Requirements

For university and college requirements, refer to [College of Human Ecology Curriculum Sheet](#) for the DEA major for your corresponding entry year.

DEA Core Requirements

(Students will be auto pre-enrolled)

Fall Semester

1050 Design Your Life: Career Explorations
1101 Visual Literacy and Design Studio
1110 Making a Difference by Design
1500 Introduction to Environmental Psychology
2510 History of Design Futures
2730 Human-Centered Design Methods
4050 Design Portfolio and Communication
4590 Problem-Seeking Through Programming

Spring Semester

1150 Design Graphics and Visualization
2025 Impactful Graphics: Visual Communication for Social Impact
3550 Research Methods in Human-Environment Relations²
4040 Professional Practices and Ethics
4800 Ethical Design: Engine of Positive Change

DEA Thematic Courses

Complete 9 courses from list, letter grade only: one course from each thematic is also required. Students are required to take at least one studio at the 2000-level, 3000-level, and 4000-level. Students may not take more than 2 studios / semester, this includes both DEA and non-DEA studios.

DS=Design Innovation & Strategy, SF=Sustainable Futures, HW=Health & Well-Being

Fall Semester

2020 Introduction to Sustainable Design (SF,DS)
2201 Magnifying Small Spaces Studio (DS,SF)
2700 Healthy Places: Design, Planning & Public Health (HW,SF)
3301 Design UX with Technology Studio (DS)
3500 The Ambient Environment (SF, HW)
3510 Human Factors and Inclusive Design (HW)
3530 Planning and Managing the Workplace (DS)
4025 Designing Decolonial Futures (SF)
4401 Adaptive Reuse Studio: Recycling the Built Environment (DS,SF)
4500 Policy Meets Design : High Impact Facilities (DS,HW)
5304 Design Accountability: Evaluation of the Physical Environ (HW)

Spring Semester

2040 High-Performance Buildings (SF,DS)
2200 Art + Science (DS)
2203 StudioSHIFT (DS)
2422 Making Green: Sustainable Product Design Studio (SF)
2750 Lighting Design: Light In-Forming Space (DS)
3030 Materials for Design & Sustainability (SF,DS)
3050 Construction Documentation: CAD and BIM (DS)
3302 Sustainable Consumerism Studio (SF)
3306 Generative Design Studio (DS)
3308 Positive Design Studio (HW)
4220 Ecological Literacy and Design (SF, DS)
4402 Disruptive Design: Competitions Studio (DS)
4700 Applied Ergonomics Methods (HW)
5210 Interaction Design Studio (DS)
5305 Health and Healing Studio (HW,DS)
5520 Virtual Experience of Designed Environments (DS)
5540 Workplace Strategy Studio (DS)
5560 Health Impact Assessment (HW)
5700 Designing Age Friendly Environments (DS)

Non-Required DEA Courses and Workshops

Fall Semester

3770 Enabling Design: The Intersection of Age, Ability, and Design

Spring Semester

3055 Hospitality, Health and Design Industry Immersion Seminar
4230 Restaurant Charrette: Design Without Reservations

¹ This D+EA Program Curriculum Overview is for planning purposes *only*. Course choices for any given semester must be cross-referenced with the corresponding major's *Curriculum Sheet*, which is available in the College of Human Ecology Registrar's Office, or on the CHE website at: <https://www.human.cornell.edu/academics/policies/degreeprogress/curriculumsheets>.

² When DEA 3550 is not offered, choose one approved Research Methods course from the following list: PUBPOL 3120 (formerly PAM 3120) (Spring), ILROB 4710 (Fall).