Design +
Environmental Analysis

DEA Curriculum Overview

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 DEA major for corresponding entry year. http://www.human.cornell.edu/registrar/degree-progress/curriculum-sheets.cfm

DEA Core Requirements
(Students will be pre-enrolled)

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1101 Visual Literacy and Design Studio (Offered Fall &amp; Spring)</td>
<td>1050 Career Explorations</td>
</tr>
<tr>
<td>1200 Art + Science</td>
<td>1150 Design Graphics and Visualization</td>
</tr>
<tr>
<td>2510 History of Design Futures</td>
<td>1500 Intro to Environmental Psychology</td>
</tr>
<tr>
<td>2730 Human-Centered Design Methods</td>
<td>3550 Research Methods in Human-Environment Relations</td>
</tr>
<tr>
<td>3590 Problem-Seeking through Programming</td>
<td>4040 Professional Practice, Ethics &amp; Entrepreneurship</td>
</tr>
<tr>
<td>2510 History of Design Futures</td>
<td>4610 Professional Communication &amp; Portfolio</td>
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DEA Thematic Courses
(Complete minimum of 10 courses from list, letter grade only, and three out of ten must be studio thematic.)

<p>| DS=Design Strategy &amp; Innovation, SF=Sustainable Futures, HW=Health &amp; Well-Being |</p>
<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
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<tbody>
<tr>
<td>2020 Introduction to Sustainable Design (SF, DS)</td>
<td>2040 High-Performance Buildings (SF,DS)</td>
</tr>
<tr>
<td>2030 Digital Communications (DS)</td>
<td>2203 StudioSHIFT (DS)</td>
</tr>
<tr>
<td>2201 Magnifying Small Spaces Studio (DS,SF)</td>
<td>2750 Lighting Design: Light InForming Space (DS)</td>
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<tr>
<td>2422 Making Green: Sustainable Product Design Studio</td>
<td>3050 Construction Documentation: CAD and BIM (DS)</td>
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<tr>
<td>2550 Design Strategy and Management (DS)</td>
<td>3302 Sustainable Consumerism: New Retail Studio (DS)</td>
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<tr>
<td>2700 Healthy Places: Design, Planning &amp; Public Health (HW,SF)</td>
<td>3304 Health and Healing Studio (HW, DS)</td>
</tr>
<tr>
<td>2900 Human Factors for Inclusive Design (HW)</td>
<td>4402 Disruptive Design: Competitions Studio (DS)</td>
</tr>
<tr>
<td>3030 Materials for Design &amp; Sustainability (SF,DS)</td>
<td>4700 Applied Ergonomics Methods</td>
</tr>
<tr>
<td>3301 Design UX with Technology Studio (DS)</td>
<td>5210 Interaction Design Studio (DS)</td>
</tr>
<tr>
<td>3500 The Ambient Environment (SF, HW)</td>
<td>5520 Virtual Experience of Designed Environments (DS)</td>
</tr>
<tr>
<td>3510 Ergonomics and Anthropometrics (HW)</td>
<td>5540 Workplace Strategies Studio (DS)</td>
</tr>
<tr>
<td>3530 Planning and Managing the Workplace (DS)</td>
<td>5560 Health Impact Assessment (HW)</td>
</tr>
<tr>
<td>3770 Enabling Design: The Intersection of Age, Ability, and Design (HW)</td>
<td>4220 Ecological Literacy and Design (SF, DS)</td>
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<tr>
<td>4220 Ecological Literacy and Design (SF, DS)</td>
<td>4401 Adaptive Reuse Studio: Recycling the Built Environ (DS,SF)</td>
</tr>
<tr>
<td>4500 Policy Meets Design (DS, HW)</td>
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<tr>
<td>5304 Design Accountability: Eval of the Physical Environment (DS)</td>
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<tr>
<td>3600 Design City</td>
<td>4230 Design Charrette</td>
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<tr>
<td>5420/5421 Design Immersions</td>
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Suggested Thematic Courses Based on Professional Tracks

Bolded courses are important to complete in preparation for professional licensing and/or certification.

Design + Interior Environments

(In addition to bolded titles, students should complete four (4) non-bolded studios from the list below.)

DEA 2020  Introduction to Sustainable Design
DEA 2040  High-Performance Buildings
DEA 2201  Magnifying Small Spaces Studio
DEA 2203  StudioSHIFT
DEA 2550  Design Strategy and Management
DEA 2750  Lighting Design: Light InForming Space
DEA 3030  Materials for Design & Sustainability
DEA 3050  Construction Documentation: CAD and BIM
DEA 3301  Design UX with Technology Studio
DEA 3302  Sustainable Consumerism: The New Retail Studio
DEA 3304  Health and Healing Studio
DEA 3500  The Ambient Environment
DEA 4100  Diversity and Facility Design
DEA 4220  Ecological Literacy + Design
DEA 4401  Adaptive Reuse Studio: Recycling the Built Environment
DEA 4402  Disruptive Design Competitions Studio
DEA 4500  Policy Meets Design
DEA 5520  Virtual Experience of Design Environments
DEA 5540  Workplace Strategies Studio

Facility Planning + Management

DEA 2020  Introduction to Sustainable Design
DEA 2040  High-Performance Buildings
DEA 2550  Design Strategy and Management
DEA 2700  Healthy Places: Design, Planning and Public Health
DEA 3030  Materials for Design & Sustainability
DEA 3050  Construction Documentation: CAD and BIM
DEA 3301  Design UX with Technology Studio
DEA 3304  Health and Healing Studio
DEA 3500  The Ambient Environment
DEA 3530  Planning and Managing the Workplace: Evidence-Based Design & Organizational Ecology
DEA 4100  Diversity and Facility Design
DEA 4500  Policy Meets Design: High-Impact Facilities of the 21st Century
DEA 5304  Design Accountability: Evaluation of the Physical Environment
DEA 5540  Workplace Strategies Studio

HADM 2250  Finance
HADM 3550  Hospitality Facilities Management

Real Estate  (Choose from HADM 4200 Principles of Real Estate, CRP 5075 Real Estate Project Workshop, CRP 5320 Real Estate Development Process, or CRP 5330 Real Estate Marketing and Management)

Project Management  (Choose from HADM 4570 Project Management for Hospitality Real Estate Development or CEE 5900 Project Management)

Ergonomics + Design

DEA 2040  High-Performance Buildings
DEA 2201  Magnifying Small Spaces Studio (or alternate studio option)
DEA 2700  Healthy Places: Design, Planning and Public Health
DEA 3030  Materials for Design & Sustainability
DEA 3050  Construction Documentation: CAD and BIM
DEA 3301  Design UX with Technology Studio
DEA 3304  Health and Healing Studio
DEA 3500  The Ambient Environment
DEA 3510  Ergonomics and Anthropometrics
DEA 3530  Planning and Managing the Workspace: Evidence-Based Design & Organizational Ecology
DEA 4100  Diversity and Facility Design
DEA 4220  Ecological Literacy and Design
DEA 4700  Applied Ergonomic Methods
COMM 2450  Communication and Technology
COMM 3450  Human-Computer Interaction Design
NS 3410  Human Anatomy and Physiology

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1. To achieve eligibility toward taking the NCIDQ (National Council for Interior Design Qualification) examination, students must complete a minimum of 60 credit hours of interior design courses. Students should complete all bolded courses listed under the Design and Interior Environments heading above. [https://www.cidq.org/eligibility-requirements](https://www.cidq.org/eligibility-requirements)

2. To fulfill competencies requirement by IFMA Accreditation. [https://foundation.ifma.org/accreditation](https://foundation.ifma.org/accreditation)

3. To prepare for Board Certification in Professional Ergonomics (BCPE), students should complete bolded courses listed under the Ergonomics and Design heading above. [http://www.bcpe.org/?s=Pilot+Exam](http://www.bcpe.org/?s=Pilot+Exam). Here is a link to the Core Competencies:[http://www.bcpe.org/how-to-certify/the-process/](http://www.bcpe.org/how-to-certify/the-process/)

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