Design

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http://www.design.iastate.edu/design/index.php

The Bachelor of Design is a 122.5 credit non-professional undergraduate degree program focused on the interdisciplinary nature of design and the power of the design studio as a place and method for generating ideas and solving problems. The core of the degree program is a series of forums and studios intended to connect history, theory and practice, and give students hands-on experience grappling with design challenges that vary in complexity and scale. Thematic course modules are taught by faculty from multiple design disciplines.

The Bachelor of Design offers opportunities for students to engage design thinking in a collaborative and interdisciplinary environment. The curriculum developed out of a shared philosophy that designers have the capacity to generate ideas and think creatively about society's increasing economic, social and environmental challenges. Innovation and entrepreneurship are encouraged and valued. BDes graduates are prepared for a wide range of career paths and graduate programs. The curriculum allows students to pursue double majors to couple design thinking with other disciplines of interest, such as advertising, business, engineering, or journalism. Transfer students can also enter the program and complete the degree in as few as four semesters for students with an Associate of Arts (AA) or Associate of Science (AS) degree or the equivalent in academic transfer credit. Upon completion, students may enter graduate programs in the design professions or other fields in which design thinking and critical analysis are valued.

http://www.design.iastate.edu/design/curriculum.php

Check the Schedule of Classes for availability for DES courses.

Curriculum for Bachelor of Design

Total Degree Requirement: 122.5 cr.

Only 65cr. from a two-year institution may apply which may include up to 6 cr. in Design History/Theory/Criticism and 6 cr. in Design Skills credit; 16 technical cr.; 21 P-NP cr. of free electives; 2.00 minimum GPA average; Completion of all requirements listed below.

International Perspective: 3 cr.

U.S. Diversity: 3 cr.

Communications: 10 cr.

ENGL 150 Critical Thinking and Communication
ENGL 250 Written, Oral, Visual, and Electronic Composition 3
LIB 160 Information Literacy 1
3 credits selected from:
ENGL 302 Business Communication
ENGL 309 Report and Proposal Writing
ENGL 314 Technical Communication
Total Credits 10

*Mathematics/Physical Sciences/Biological Sciences: 9 cr.
9 cr. from approved list

*Social Sciences: 9 cr.
9 cr. from approved list

*Humanities: 9 cr.
9 cr. from approved list

*At least 3 credits in Mathematics/Physical Sciences/Biological Sciences, Social Sciences, or Humanities must be above 300-level.

Design Core Program: 11.5 cr.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSN S 102</td>
<td>Design Studio I</td>
<td>4</td>
</tr>
<tr>
<td>DSN S 115</td>
<td>Design Collaborative Seminar</td>
<td>0.5</td>
</tr>
<tr>
<td>or DSN S 110</td>
<td>Design Exchange Seminar I</td>
<td></td>
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<tr>
<td>DSN S 131</td>
<td>Design Representation</td>
<td>4</td>
</tr>
<tr>
<td>DSN S 183</td>
<td>Design Cultures</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>11.5</td>
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BDes Concentration: 29 cr.

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>DES 230</td>
<td>Design Thinking</td>
<td>3</td>
</tr>
<tr>
<td>DES 240**</td>
<td>Design Studio I</td>
<td>4-6</td>
</tr>
<tr>
<td>DES 250*</td>
<td>Design Forum</td>
<td>6</td>
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<tr>
<td>DES 259</td>
<td>Design Field Study</td>
<td>R</td>
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<tr>
<td>DES 340**</td>
<td>Design Studio II</td>
<td>6-8</td>
</tr>
<tr>
<td>DES 491</td>
<td>Portfolio and Professional Preparation</td>
<td>4</td>
</tr>
<tr>
<td>DES 495</td>
<td>Capstone Experience</td>
<td>4</td>
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*2 cr. of DES 250 can be substituted with approved equivalent.

**Studio distribution as follows: 4-6 cr. DES 240 and 6-8 cr. DES 340 for 12 total credits.

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Design Skills: 12 cr.
Select 9 credits from approved list

Total Credits 12

Design History/Theory/Criticism: 12 cr.

12 cr. selected from approved list.

Minor and/or Electives: 21 cr.

Design Studies

• Undergraduate
• GRADUATE STUDY
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Interdepartmental Undergraduate Program

http://www.design.iastate.edu

The Design Studies program brings together courses that deal with the integrated study of the conceptualization, production, visible form, uses, and history of artifacts, buildings, and environments as well as the common qualities and connections among the design, art and planning fields.

Core Design Program

Four Design Studies courses constitute the Core Design Program: Design Studio 1 (DsnS 102), Design Representation (DsnS 131), Design Cultures (DsnS 183), and Design Collaborative (DsnS 115). Full or partial credit of the Core Design program is required for all undergraduate students in the College of Design.

Minor — Critical Studies in Design

The undergraduate minor in Critical Studies in Design offers students opportunities to engage the history, theory and criticism of visual and material culture. In lectures and focused seminars, students explore historical and contemporary issues, including cultural production, the built environment, media and technology, design in everyday life, and models of professional practice. The minor is open to all undergraduates at Iowa State University.

Minor — Design Studies
The undergraduate minor in Design Studies is constructed to facilitate design awareness among interested students and to provide a vehicle for multi-disciplinary study within the College of Design. This minor is open to all undergraduate students at Iowa State University.

**Minor—Digital Media**

The undergraduate minor in Digital Media covers the knowledge and techniques for applying digital representations to generate designs and art. The body of knowledge specializes in the fields of design, art, and planning. This minor is open to all undergraduate students at Iowa State University.

Additional information about minors is available in the Student Programs and Services Office, 297 College of Design.

**Bachelor of Design**

The Bachelor of Design is a 122.5 credit undergraduate degree program focused on the interdisciplinary nature of design and the power of the design studio as a place and method for generating ideas and solving problems. The core of the degree program is a series of forums and studios intended to connect history, theory and practice, and give students hands-on experience grappling with design challenges that vary in complexity and scale.

The Bachelor of Design offers opportunities for students to engage design thinking in a collaborative environment focused on addressing contemporary real-world problems and opportunities. Thematic course modules taught by faculty in multiple design disciplines will incorporate methods that artists, designers, and planners use to creatively address contemporary issues such as sustainable living environments, energy efficiency, water and food systems, transportation networks, climate change, and social entrepreneurship. Graduate of this degree are not design professionals but the curriculum prepares students to work as part of a team in a variety of disciplinary settings from design professions to journalism, business, law, engineering, arts, and public service. To that end, the curriculum allows students to pursue double majors to couple design thinking with other discipline of interest. Upon completion, students may also choose to enter graduate programs in the design professions or other fields in which design thinking and critical analysis are valued.

**Graduate Study**

**Major - Master of Urban Design**

The Master of Urban Design (M.U.D.) is an advanced, interdisciplinary program of study that focuses on contemporary challenges of urbanism at local, regional and global scales. The program is geared toward students with previous professional degrees in architecture (BArch, MArch), landscape architecture (BLA, MLA) or planning (BSCRP, MCRP, MUP), and relevant professional experience. The program draws faculty from these and other related disciplines within the college and university.

In this three-semester (summer, spring, fall), 36-credit degree program, students integrate design into the understanding and framing of urbanized environments by engaging directly in a community of inquiry and practice—learning to create more adaptable, flexible and resilient cities and regions within the context of a changing world.

Through this program, students will:
• gain knowledge of new practices, technologies, and methods of urban design.
• learn advanced thinking skills and integrate concepts, ideas and approaches in a team-based, interdisciplinary design process, and
• acquire knowledge and skills that support professional leadership in research and design work focused on local, regional and global issues in the contemporary built environment.

Application information is available at
http://www.design.iastate.edu/urbandesign.php

Major - Master of Design in Sustainable Environments

The Master of Design in Sustainable Environments (M.Des.S.E.) is a post-professional degree that focuses on sustainable design strategies, systems and materials for environmental and product design. The program addresses ways to envision, make and remake landscapes, communities, buildings, objects and images that conserve resources, ameliorate ecological problems and promote social, political and economic justice.

This three-semester, 35-credit graduate course of study offers opportunities to work on a variety of faculty-directed projects that may include funded research, community-based design work and theoretical investigations. The program addresses sustainable design at multiple scales, engaging both systems and artifacts.

Through this degree program, students will:

• gain awareness of individual professional roles and responsibilities for practices, technologies and methods of design for sustainability.
• learn to collaborate in a team-based, interdisciplinary design process, and
• acquire new knowledge, tools and strategies for sustainable design practices in the development of opportunities and markets for engineers, artists and designers.

The interdisciplinary MDesSE is geared toward students who hold professional degrees in art, architecture, landscape architecture, interior design, graphic design, industrial design, planning and/or engineering.

Application information is available at
http://www.design.iastate.edu/sustainableenvironments.php

Design Core Program

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