**LANDSCAPE AND URBAN STUDIES, B.S.**

Are you interested in climate justice? Are you interested in inclusive economic development and social justice? Do you want to preserve the beauty in cities and create ecologically sustainable cities? Those are some of the goals you can learn to achieve when you major Landscape and Urban Studies. You will learn to integrate the biological, physical, and social sciences; humanities; arts; and technology to develop the skills that will help you play an important role in creating a more inclusive and sustainable future.

The major provides students opportunities to specialize in several directions: Culture, Health and Community; Restoration and Ecological Design; and Urban Studies. The major also provides students opportunities to explore the design and planning professions. Students who graduate from the major are prepared for starting positions in public or private agencies that oversee conservation, land management, cultural landscape conservation, and planning or for continuing on to graduate school, in particular, professionally accredited programs in Landscape Architecture, Planning, or Environmental Studies. This is the major for people who care about the natural world and human creation by understanding cultural and natural resource protection, green infrastructure, social equity, and policy, and more.

**HOW TO GET IN**

Students who intend to declare their major in Landscape and Urban Studies are encouraged to schedule an appointment with the Undergraduate Advisor in the Department of Planning and Landscape Architecture. Students who attend a summer SOAR (Student Orientation, Advising, and Registration) session with the College of Letters and Science have the option to declare this major at SOAR. Students may otherwise declare after they have begun their undergraduate studies.

**REQUIREMENTS**

**UNIVERSITY GENERAL EDUCATION REQUIREMENTS**

All undergraduate students at the University of Wisconsin–Madison are required to fulfill a minimum set of common university general education requirements to ensure that every graduate acquires the essential core of an undergraduate education. This core establishes a foundation for living a productive life, being a citizen of the world, appreciating aesthetic values, and engaging in lifelong learning in a continually changing world. Various schools and colleges will have requirements in addition to the requirements listed below. Consult your advisor for assistance, as needed. For additional information, see the university Undergraduate General Education Requirements (http://guide.wisc.edu/undergraduate/#requirementsforundergraduatetestudytext) section of the Guide.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Breadth—Humanities/Literature/Arts: 6 credits</td>
</tr>
<tr>
<td></td>
<td>• Breadth—Natural Science: 4 to 6 credits, consisting of one 4- or 5-credit course with a laboratory component; or two courses providing a total of 6 credits</td>
</tr>
<tr>
<td></td>
<td>• Breadth—Social Studies: 3 credits</td>
</tr>
<tr>
<td></td>
<td>• Communication Part A &amp; Part B *</td>
</tr>
<tr>
<td></td>
<td>• Ethnic Studies *</td>
</tr>
<tr>
<td></td>
<td>• Quantitative Reasoning Part A &amp; Part B *</td>
</tr>
</tbody>
</table>

*The mortarboard symbol appears before the title of any course that fulfills one of the Communication Part A or Part B, Ethnic Studies, or Quantitative Reasoning Part A or Part B requirements.

**COLLEGE OF LETTERS & SCIENCE DEGREE REQUIREMENTS: BACHELOR OF SCIENCE (B.S.)**

Students pursuing a Bachelor of Science degree in the College of Letters & Science must complete all of the requirements below. The College of Letters & Science allows this major to be paired with either the Bachelor of Arts or the Bachelor of Science degree requirements.

**BACHELOR OF SCIENCE DEGREE REQUIREMENTS**

**Mathematics**

Complete two courses of 3+ credits at the Intermediate or Advanced level in MATH, COMP SCI, or STAT subjects. A maximum of one course in each of COMP SCI and STAT subjects counts toward this requirement.

**Foreign Language**

Complete the third unit of a foreign language.

**L&S Breadth**

Complete:

• 12 credits of Humanities, which must include at least 6 credits of Literature; and
• 12 credits of Social Science; and
• 12 credits of Natural Science, which must include 6 credits of Biological Science and 6 credits of Physical Science.

**Liberal Arts and Science Coursework**

Complete at least 108 credits.

**Depth of Intermediate/Advanced Coursework**

Complete at least 60 credits at the Intermediate or Advanced level.

**Major**

Declare and complete at least one major.

**Total Credits**

Complete at least 120 credits.

**UW-Madison Experience**

Complete both:

• 30 credits in residence, overall, and
• 30 credits in residence after the 86th credit.

**Quality of Work**

• 2,000 in all coursework at UW–Madison
• 2,000 in Intermediate/Advanced level coursework at UW–Madison

**NON–L&S STUDENTS PURSUING AN L&S MAJOR**

Non–L&S students who have permission from their school/college to pursue an additional major within L&S only need to fulfill the major requirements. They do not need to complete the L&S Degree Requirements above.
REQUIREMENTS FOR THE MAJOR

Students interested in the major are required to complete a set of introductory courses, breadth in the major under three categories: Biological and Physical Environment, Social and Cultural Studies and Technology and 15 credits of electives (see an Advisor and the Advising tab for recommended focused elective sets).

Landscape and Urban Studies majors must complete at least 48 credits in the major, including the following:

INTRODUCTORY COURSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAND ARC 211</td>
<td>Shaping the Built Environment</td>
<td>3</td>
</tr>
<tr>
<td>URB R PL 215</td>
<td>Welcome to Your Urban Future</td>
<td>3</td>
</tr>
<tr>
<td>LAND ARC 250</td>
<td>Survey of Landscape Architecture Design</td>
<td>3</td>
</tr>
<tr>
<td>LAND ARC 260</td>
<td>History of Landscape Architecture</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

BIOLOGICAL AND PHYSICAL ENVIRONMENT

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete two courses from:</td>
<td>6-9</td>
<td></td>
</tr>
<tr>
<td>BOTANY 100</td>
<td>Survey of Botany</td>
<td></td>
</tr>
<tr>
<td>or BOTANY/ BIOLOGY 130</td>
<td>General Botany</td>
<td></td>
</tr>
<tr>
<td>BOTANY/ ENVIR ST/ ZOOLOGY 260</td>
<td>Introductory Ecology</td>
<td></td>
</tr>
<tr>
<td>or BOTANY/ F&amp;W ECOL/ ZOOLOGY 460</td>
<td>General Ecology</td>
<td></td>
</tr>
<tr>
<td>BOTANY/ GEOG 338</td>
<td>Environmental Biogeography</td>
<td></td>
</tr>
<tr>
<td>GEOG/ ENVIR ST 339</td>
<td>Environmental Conservation</td>
<td></td>
</tr>
<tr>
<td>SOIL SCI/ ENVIR ST/ GEOG 230</td>
<td>Soil: Ecosystem and Resource</td>
<td></td>
</tr>
<tr>
<td>or SOIL SCI 301</td>
<td>General Soil Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>6-9</strong></td>
</tr>
</tbody>
</table>

SOCIAL AND CULTURAL STUDIES

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete two courses from:</td>
<td>6-7</td>
<td></td>
</tr>
<tr>
<td>ART HIST 457</td>
<td>History of American Vernacular Architecture and Landscapes</td>
<td></td>
</tr>
<tr>
<td>DS 221</td>
<td>Person and Environment Interactions</td>
<td></td>
</tr>
<tr>
<td>ECON 101</td>
<td>Principles of Microeconomics</td>
<td></td>
</tr>
<tr>
<td>or ECON 111</td>
<td>Principles of Economics-Accelerated Treatment</td>
<td></td>
</tr>
<tr>
<td>ECON/REAL EST/ URB R PL 420</td>
<td>Urban and Regional Economics</td>
<td></td>
</tr>
<tr>
<td>GEOG 104</td>
<td>Introduction to Human Geography</td>
<td></td>
</tr>
<tr>
<td>GEOG/ ENVIR ST 139</td>
<td>Global Environmental Issues</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>6-7</strong></td>
</tr>
</tbody>
</table>

TECHNOLOGY

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Complete two courses from:</td>
<td>6-8</td>
<td></td>
</tr>
<tr>
<td>GEOG/CIV ENGR/ ENVIR ST 377</td>
<td>An Introduction to Geographic Information Systems</td>
<td></td>
</tr>
<tr>
<td>LAND ARC 460</td>
<td>Advanced Visual Communication in Landscape Architecture</td>
<td></td>
</tr>
<tr>
<td>LAND ARC/ ENVIR ST/ GEOG/ URB R PL 532</td>
<td>Applications of Geographic Information Systems in Planning</td>
<td></td>
</tr>
<tr>
<td>LAND ARC/ ENVIR ST/ SOIL SCI 695</td>
<td>Applications of Geographic Information Systems in Natural Resources</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>6-8</strong></td>
</tr>
</tbody>
</table>

CAPSTONE

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete one course from:</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAND ARC 525</td>
<td>Social Justice and the Urban Landscape</td>
<td></td>
</tr>
<tr>
<td>LAND ARC 677</td>
<td>Cultural Resource Preservation and Landscape History</td>
<td></td>
</tr>
<tr>
<td>LAND ARC 668</td>
<td>Restoration Ecology</td>
<td></td>
</tr>
<tr>
<td>URB R PL 601</td>
<td>Site Planning</td>
<td></td>
</tr>
<tr>
<td>URB R PL 611</td>
<td>Urban Design: Theory and Practice</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>3</strong></td>
</tr>
</tbody>
</table>

ELECTIVES

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 credits, chosen from:</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>AGRONOMY/ BOTANY/ SOIL SCI 370</td>
<td>Grassland Ecology</td>
<td></td>
</tr>
<tr>
<td>ANTHRO/ SOCIOL/ AMER IND 354</td>
<td>Archaeology of Wisconsin</td>
<td></td>
</tr>
<tr>
<td>or AMER IND 250</td>
<td>Indians of Wisconsin</td>
<td></td>
</tr>
</tbody>
</table>
or AMER IND/ANTHRO/FOLKLORE 431
or AMER IND/LSC 444
or AMER IND/C&E SOC/SOC 578

ANTHRO/AMER IND/BOTANY 474
ETHNOBOTANY

ART HIST 457
HISTORY OF AMERICAN VERNACULAR ARCHITECTURE AND LANDSCAPES
or ART HIST/ANTHRO/DS/HISTORY/LAND ARC 264

BOTANY 400
PLANT SYSTEMATICS
or BOTANY 401
VASCULAR FLORA OF WISCONSIN

BOTANY/F&W ECOL 455
THE VEGETATION OF WISCONSIN

DS 221
PERSON AND ENVIRONMENT INTERACTIONS

ENVIR ST/F&W ECOL/ZOOLOGY 360
EXTINCTION OF SPECIES

ENVIR ST/BOTANY/F&W ECOL/ZOOLOGY 651
CONSERVATION BIOLOGY

GEOG/ENVIR ST 309
PEOPLE, LAND AND FOOD: COMPARATIVE STUDY OF AGRICULTURE SYSTEMS
or GEOG 501
SPACE AND PLACE: A GEOGRAPHY OF EXPERIENCE
or GEOG/URB R PL 305
INTRODUCTION TO THE CITY
or GEOG/C&E SOC/ENVIR ST 434
PEOPLE, WILDLIFE AND LANDSCAPES
or GEOG 301
REVOLUTIONS AND SOCIAL CHANGE

GEOG/ENVIR ST 439
US ENVIRONMENTAL POLICY AND REGULATION

GEOG/ENVIR ST/HISTORY 460
AMERICAN ENVIRONMENTAL HISTORY

GEOG/URB R PL 506
HISTORICAL GEOGRAPHY OF EUROPEAN URBANIZATION

FOLKLORE 439
FOODWAYS
or FOLKLORE 54DLOCAL CULTURE AND IDENTITY IN THE UPPER MIDWEST

LAND ARC 210
INTRODUCTION TO LANDSCAPE ARCHITECTURE DESIGN

LAND ARC 321
ENVIRONMENT AND BEHAVIOR STUDIO - DESIGNING HEALTH PROMOTING ENVIRONMENTS

LAND ARC/ENVIR ST 361
WETLANDS ECOCOSMOS

LAND ARC/CHICLA 475
LATINO URBANISM: DESIGN AND ENGAGEMENT IN THE AMERICAN CITY

LAND ARC 525
SOCIAL JUSTICE AND THE URBAN LANDSCAPE

LAND ARC/ENVIR ST 581
PRESCRIBED FIRE: ECOLOGY AND IMPLEMENTATION

LAND ARC 668
RESTORATION ECOLOGY

LAND ARC 677
CULTURAL RESOURCE PRESERVATION AND LANDSCAPE HISTORY

REAL EST/AAE/ECON/URB R PL 306
THE REAL ESTATE PROCESS

REAL EST/ECON/URB R PL 420
URBAN AND REGIONAL ECONOMICS

SOIL SCI/PL PATH 323
SOIL BIOLOGY

URB R PL 411
MARKETPLACES AND ENTREPRENEURSHIP

URB R PL/ECON/ENVIR ST/POLI SCI 449
GOVERNMENT AND NATURAL RESOURCES

URB R PL 512
GENTRIFICATION AND URBAN RESTRUCTURING

URB R PL 550
TRANSPORTATION AND THE BUILT ENVIRONMENT

URB R PL 551
CLIMATE ACTION PLANNING: SUSTAINABLE TRANSPORTATION

URB R PL 601
SITE PLANNING

URB R PL 611
URBAN DESIGN: THEORY AND PRACTICE

URB R PL/C&E SOC/SOC 617
COMMUNITY DEVELOPMENT

Total Credits 15

RESIDENCE & QUALITY OF WORK

- 2.000 GPA in all LAND ARC and URB R PL courses and courses that count toward the major
- 2.000 GPA on 15 upper-level credits, taken in Residence
- 15 combined credits in LAND ARC and URB PL, taken on the UW–Madison campus

1 See an Advisor and the Advising tab for recommended focused elective sets

2 Intermediate and Advanced level courses accepted in the major are Upper Level

UNIVERSITY DEGREE REQUIREMENTS

To receive a bachelor’s degree from UW–Madison, students must earn a minimum of 120 degree credits. The requirements for some programs may exceed 120 degree credits. Students should consult with their college or department advisor for information on specific credit requirements.
Residency: Degree candidates are required to earn a minimum of 30 credits in residence at UW–Madison. "In residence" means on the UW–Madison campus with an undergraduate degree classification. "In residence" credit also includes UW–Madison courses offered in distance or online formats and credits earned in UW–Madison Study Abroad/Study Away programs.

Quality of Work: Undergraduate students must maintain the minimum grade point average specified by the school, college, or academic program to remain in good academic standing. Students whose academic performance drops below these minimum thresholds will be placed on academic probation.

LEARNING OUTCOMES

1. Demonstrate competence and critical judgment in creatively applying the intellectual and technical skills necessary for site and landscape-scale natural and cultural resource conservation, planning, and management; these skills include cultural, historical and landscape literacy, data collection and analysis, spatial and temporal analysis, multidisciplinary problem-solving approaches and communication skills.

2. Demonstrate critical thinking and the ability to explore ideas and synthesize information, both independently and in collaboration with interdisciplinary team members.

3. Understand, apply and evaluate the principles, theories and research findings underlying at least one of the following advising pathways, Ecological Restoration and Design; Culture, Health, and Community; and Urban Studies.

4. Integrate social, cultural, ecological and technological dimensions in solving design and planning problems concerning the conservation or management of sustainable natural and cultural landscapes.

5. Be able to perform as a member of a public, private or non-profits office or agency in the fields represented within the department.

SAMPLE FOUR-YEAR PLAN

This Sample Four-Year Plan is a tool to assist students and their advisor(s). Students should use it—along with their DARS report, the Degree Planner, and Course Search & Enroll tools—to make their own four-year plan based on their placement scores, credit for transferred courses and approved examinations, and individual interests. As students become involved in athletics, honors, research, student organizations, study abroad, volunteer experiences, and/or work, they might adjust the order of their courses to accommodate these experiences. Students will likely revise their own four-year plan several times during college.

FIRST YEAR

Fall | Credits | Spring | Credits
---|---|---|---
LAND ARC 250 | 3 | LAND ARC 211 | 3
Communications A | 3 | URB R PL 215 | 3
Quantitative Reasoning A | 3 | Biological or Physical Environment (major requirement) | 4

SECOND YEAR

Fall | Credits | Spring | Credits
---|---|---|---
LAND ARC 260 | 3 | URB R PL/ LAND ARC 463 | 3
Communications B | 3 | Biological and Physical Environment (major requirement) | 3

THIRD YEAR

Fall | Credits | Spring | Credits
---|---|---|---
Technology (major requirement) | 3 | Technology (major requirement) | 3
Biological and Physical Environment (major requirement) | 3 | Biological and Physical Environment (major requirement) | 3

FOURTH YEAR

Fall | Credits | Spring | Credits
---|---|---|---
L&S elective | 6 | L&S electives | 6

Total Credits: 121

ADVISING AND CAREERS

Students enrolled in the major Landscape and Urban Studies have 3 opportunities for advising:

1. Our undergraduate coordinator ([https://dpla.wisc.edu/staff/debi-griffin/](https://dpla.wisc.edu/staff/debi-griffin/)) can assist with general questions about registration, student assistance and progress in meeting major requirements.

2. All students entering the program may choose a faculty advisor (see People/Instructors) to assist with guidance specific to the curriculum (e.g. coursework, internships, research) and career opportunities.

3. The College of Letters and Science offers advice on career paths, networking, and job search preparation (see below).

L&S CAREER RESOURCES

Every L&S major opens a world of possibilities. SuccessWorks ([https://successworks.wisc.edu/](https://successworks.wisc.edu/)) at the College of Letters & Science helps students turn the academic skills learned in their major, certificates, and
other coursework into fulfilling lives after graduation, whether that means jobs, public service, graduate school or other career pursuits.

In addition to providing basic support like resume reviews and interview practice, SuccessWorks offers ways to explore interests and build career skills from their very first semester/term at UW all the way through graduation and beyond.

Students can explore careers in one-on-one advising, try out different career paths, complete internships, prepare for the job search and/or graduate school applications, and connect with supportive alumni and even employers in the fields that inspire them.

- SuccessWorks (https://careers.ls.wisc.edu/)
- Set up a career advising appointment (https://successworks.wisc.edu/make-an-appointment/)
- Enroll in a Career Course (https://successworks.wisc.edu/career-courses/) - a great idea for first- and second-year students:
  - INTER-LS 210 L&S Career Development: Taking Initiative (1 credit)
  - INTER-LS 215 Communicating About Careers (3 credits, fulfills Comm B General Education Requirement)
- Learn about internships and internship funding (https://successworks.wisc.edu/finding-a-job-or-internship/)
- Activate your Handshake account (https://handshake/) to apply for jobs and internships from 200,000+ employers recruiting UW-Madison students
- Learn about the impact SuccessWorks has on students’ lives (https://successworks.wisc.edu/about/mission/)

## PEOPLE

### Instructors

Professors: David Bart, Sam Dennis Jr., Ken Genskow, Evelyn Howell, James LaGro, Dave Marcouiller, Alfonso Morales, Brian Ohm, Kurt Paulsen

Associate Professor: Carey McAndrews

Assistant Professors: Edna Ledesma, Revel Sims

Distinguished Faculty Associate: Shawn Kelly

Faculty Associate: Eric Schuchardt

Associate Faculty Associate: Bradley Vowels-Katter

Assistant Faculty Associate: Edward Boswell

Senior Lecturers: Doug Hadley, Mary Myers, James Steiner

Lecturers: Jacob Blue, Gavin Luter

Associate Scientist: Jeff Sledge

### Earth Partnership Program

Director: Cheryl Bauer Armstrong

Outreach Specialists: Claire Bjork, Jessie Conaway, Mary Michaud, Maria Moreno

### Academic Advising

Undergraduate Coordinator: Deborah Griffin

### Administrative Staff

Department Administrator: Kelsey Hughes

Financial Specialist: Patrick J. Cunniffe

IT Support: W. Math Heinzel

Chair: Alfonso Morales

## WISCONSIN EXPERIENCE

The Wisconsin Experience combines learning in and out of the classroom, helping students develop intellectual and personal growth. The Landscape and Urban Studies major mixes traditional learning with community-based learning in and out of the classroom. Students are encouraged to take opportunities that supplement classroom learning by engaging in research, study abroad, internships, student clubs, and community interactions. The major engages students in exploring people-place, culture-nature phenomena and how they might, in their professional and personal lives, apply continuous learning to the planning of environments that benefit people, cultures, and the environment at the local, state, national, and global levels.

## RESOURCES AND SCHOLARSHIPS

### Wisconsin Scholarship Hub (WiSH)

This scholarship (http://scholarships.wisc.edu/Scholarships/schlrDetails/?scholId=4101) provides amounts ranging from $2,000 to $5,000 each to help students participate in a first-time internship opportunity that is unpaid or provides a limited stipend.

### HILLDALE UNDERGRADUATE/FACULTY RESEARCH FELLOWSHIP

The Hilldale Undergraduate/Faculty Research Fellowships (https://awards.advising.wisc.edu/all-scholarships/hilldale-undergraduatefaculty-research-fellowship/) support undergraduate research done in collaboration with UW-Madison faculty or research/instructional academic staff. Approximately 97–100 Hilldale awards are available each year. The student researcher receives $3,000, and faculty/staff research advisor receives $1,000 to help offset research costs (e.g., supplies, faculty or student travel related to the project).

### HOLSTROM ENVIRONMENTAL SCHOLARSHIPS

The Holstrom Environmental Scholarships (https://go.wisc.edu/550x41/) support undergraduate research done in collaboration with UW-Madison faculty or research/instructional academic staff. Research proposals must have an environmental focus, and applicants must have at least a junior standing at time of application.

### UNDERGRADUATE SYMPOSIUM

The annual Undergraduate Symposium (https://urgadsymposium.ls.wisc.edu/) showcases undergraduate creativity, achievement, research, service-learning, and community-based research from all areas of study at UW–Madison including the humanities, fine arts, biological sciences, physical sciences, and social sciences.

### UNDERGRADUATE RESEARCH SCHOLARS

The Undergraduate Research Scholars (https://urs.ls.wisc.edu/) program (URS) is dedicated to enhancing the academic experience of UW–
Madison students by providing first- and second-year undergraduates with opportunities to earn credit for participating in the research and creative work with UW–Madison faculty and staff. The program has been designed to include partnerships between students and mentors, seminars on research-relevant issues, and practice in research/artistic presentations. The many benefits of the program are found in the fluid interaction between these activities.

WISCONSIN IDEA FELLOWSHIPS

Wisconsin Idea Fellowships (https://morgridge.wisc.edu/students/wisconsin-idea-fellowships/) are awarded annually to undergraduate student projects working toward solving a challenge identified along with a local or global community partner. Fellowships are awarded to semester-long or year-long projects designed by an undergraduate student (or group of students) in collaboration with a community organization and a UW–Madison faculty or academic staff member.