

LANDSCAPE AND URBAN STUDIES, BS

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

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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 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/#requirementsforundergraduatestudytext>) section of the *Guide*.

General Education

- Breadth—Humanities/Literature/Arts: 6 credits
- 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
- Breadth—Social Studies: 3 credits
- Communication Part A & Part B *
- Ethnic Studies *
- Quantitative Reasoning Part A & Part B *

* 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 (BS)

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.

Language Complete the third unit of a language other than English.

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

Code	Title	Credits
LAND ARC 211	Shaping the Built Environment	3
URB R PL 215	Welcome to Your Urban Future	3
LAND ARC 250	Survey of Landscape Architecture Design	3
LAND ARC 260	History of Landscape Architecture	3
Total Credits		12

BIOLOGICAL AND PHYSICAL ENVIRONMENT

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

SOCIAL AND CULTURAL STUDIES

Code	Title	Credits
Complete two courses from:		
ART HIST 457	History of American Vernacular Architecture and Landscapes	6-7
DS 221	Person and Environment Interactions	
ECON 101	Principles of Microeconomics	

or ECON 111	Principles of Economics–Accelerated Treatment
ECON/REAL EST/ URB R PL 420	Urban and Regional Economics
GEOG 104	Introduction to Human Geography
GEOG/ ENVIR ST 139	Global Environmental Issues
GEOG/ENVIR ST/ HISTORY 469	The Making of the American Landscape
HISTORY/ ENVIR ST/ GEOG 460	American Environmental History
LAND ARC/ ANTHRO/ ART HIST/DS/ HISTORY 264	Dimensions of Material Culture
LAND ARC/ CHICLA 475	Latino Urbanism: Design and Engagement in the American City
LAND ARC 525	Social Justice and the Urban Landscape
POLI SCI 104	Introduction to American Politics and Government
SOC/ C&E SOC 140	Introduction to Community and Environmental Sociology
URB R PL/ECON/ REAL EST 420	Urban and Regional Economics
URB R PL/ LAND ARC 463	Evolution of American Planning
PUB AFFR 240	Evidence–Based Policy Making
PUB AFFR 380	Analytic Tools for Public Policy
Total Credits	

6–7

TECHNOLOGY

Code	Title	Credits
Complete two courses from:		
LAND ARC 311 or GEOG/ CIV ENGR/ ENVIR ST 377	Introduction to Design Frameworks and Spatial Technologies An Introduction to Geographic Information Systems	6-8
LAND ARC 460	Advanced Visual Communication in Landscape Architecture	
LAND ARC/ ENVIR ST/GEOG/ URB R PL 532	Applications of Geographic Information Systems in Planning	
LAND ARC/ ENVIR ST/ SOIL SCI 695	Applications of Geographic Information Systems in Natural Resources	
Total Credits		6-8

CAPSTONE

Code	Title	Credits
Complete one course from:		
LAND ARC 525	Social Justice and the Urban Landscape	3
LAND ARC 677	Cultural Resource Preservation and Landscape History	

LAND ARC 668	Restoration Ecology	
URB R PL 601	Site Planning	
URB R PL 611	Urban Design: Theory and Practice	
Total Credits		3

ELECTIVES ¹

Code	Title	Credits
15 credits, chosen from:		15
AGRONOMY/ BOTANY/ SOIL SCI 370	Grassland Ecology	
ANTHRO/ AMER IND 354	Archaeology of Wisconsin	
or AMER IND 250	Indians of Wisconsin	
or AMER IND/ ANTHRO/ FOLKLORE 431	American Indian Folklore	
or AMER IND/ LSC 444	Native American Environmental Issues and the Media	
or AMER IND/ C&E SOC/ SOC 578	Poverty and Place	
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	Dimensions of Material Culture	
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 540	Local Culture and Identity in the Upper Midwest	
LAND ARC 210	Introduction to Landscape Architecture Design Studio	
LAND ARC 321	Environment and Behavior Studio - Designing Health Promoting Environments	
LAND ARC/ ENVIR ST 361	Wetlands Ecology	
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/ A A E/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

Total Degree	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

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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.

FOUR-YEAR PLAN

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
Foreign Language (if required)	4 Ethnic Studies (complete within your first 60 credits)	3
Physical Science Breadth B	3 Quantitative Reasoning B	3
16		16
Second Year		
Fall	Credits Spring	Credits
Major Elective	3 LAND ARC 260	3
Communications B	3 Biological and Physical Environment (major requirement)	3
Social and Cultural Studies (major requirement)	3 Social and Cultural Studies (major requirement)	3
Literature Breadth	3 Literature Breadth	3
INTER-LS 210	1 Electives	3
Elective	3	
16		15
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
Major elective	3 Major elective	3
L&S electives	6 L&S electives	6
15		15
Fourth Year		
Fall	Credits Spring	Credits
L&S elective	9 Capstone (major requirement)	3
Major elective	6 Electives	9
15		12
Total Credits 120		

ADVISING AND CAREERS

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

1. Our undergraduate coordinator (<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/>) 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/>)
 - INTER-LS 260 Internship in the Liberal Arts and Sciences
- Activate your Handshake account (<https://successworks.wisc.edu/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

PEOPLE PROFESSORS

David Bart, Ken Genskow, Evelyn Howell, James LaGro, Carey McAndrews, Alfonso Morales (department chair), Kurt Paulsen

ASSISTANT PROFESSORS

Anna Bierbrauer, Wenwen Cheng, Edna Ely-Ledesma, Revel Sims

DISTINGUISHED TEACHING FACULTY

Shawn Kelly

TEACHING FACULTY III

Cheryl Bauer-Armstrong, Eric Schuchardt

TEACHING FACULTY II

Nathan Larson, Maria Moreno

TEACHING FACULTY I

Ed Boswell

SENIOR LECTURERS

Doug Hadley, James Steiner

RESEARCH ASSOCIATE

Gaylan Williams

UNDERGRADUATE ACADEMIC SERVICES

Deborah Griffin

WISCONSIN EXPERIENCE

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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

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WISCONSIN SCHOLARSHIP HUB (WISH)

This scholarship (<http://scholarships.wisc.edu/Scholarships/schlrDetails/?scholld=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/55ox41/>) 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://ugradsymposium.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.