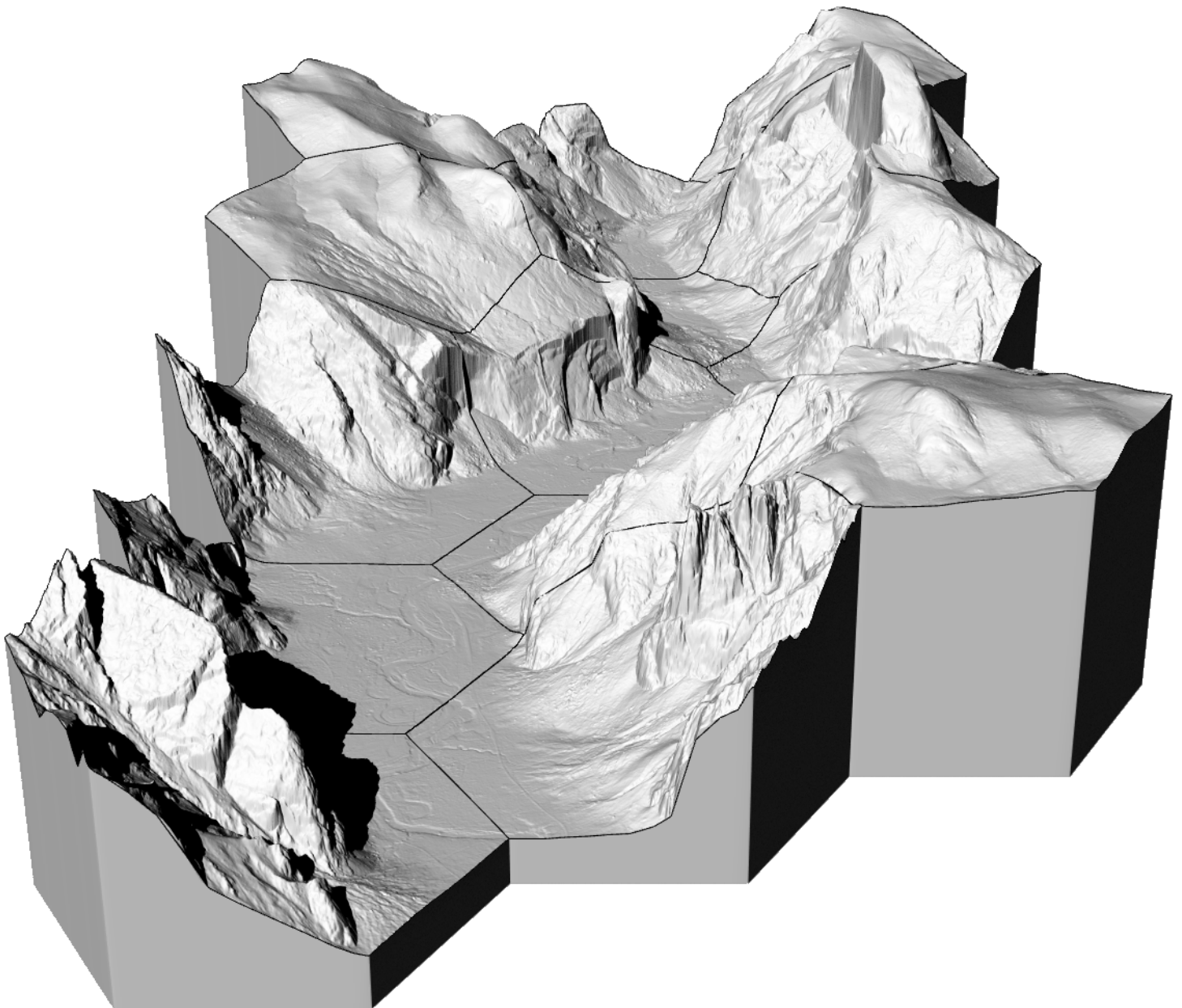


**LSU** | College of Art + Design

LA 2101 & 7012 | **Digital Landscapes**

**Brendan Harmon**  
baharmon@lsu.edu

Spring 2023  
Monday, Wednesday, & Friday  
9:30am–11:50am  
Design 301



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Design 301

## Course Description

This course is an introduction to the digital modeling of landscapes. In this course you will learn the basics of photomontage, vector illustration, diagramming, 3D modeling, 3D rendering, and 3D printing. Topics will include how to model and render topography, hardscape, landscape elements, and planting.

## Schedule

1	Photomontage	6	Surfaces	11	Streetscape
2	Diagrams	7	Solids	12	Digital Fabrication
3	Graphic Design	8	Spring Break	13	Virtual Reality
4	Illustration	9	Bioswale	14	Project
5	Mardi Gras	10	Terrain	15	Exhibition

## Server

During our regularly scheduled class period on Mondays, Wednesdays, and Fridays from 9:30-11:50 am, we will meet in person, while also posting on our Discord server at <https://discord.gg/rPaJD35hQq>. The discord server will be used for posting announcements, classwork, homework, projects, and troubleshooting.

Discord | <https://discord.gg/rPaJD35hQq>

Youtube | <https://www.youtube.com/@baharmon>

## Homework

During class, follow the demonstrations and regularly post your progress on your Discord channel. For homework, build on the in class demonstrations and develop your own design. Post your homework on your Discord channel. Homework must be clearly labeled to get credit. Topics will include photomontage, diagrams, streetscapes, site furniture, green infrastructure, parks, 3D printing, and lasercutting.

## Project

Design, model, and render a landscape. Your design should have a concept and your graphics should clearly express your concept. Your landscape should include planting, hardscape, and at least one custom element. Possible elements include sculpture, furniture, walls, lighting, water features, green infrastructure, etc. Deliverables include a plan, two section-elevations, and a perspective. These should be submitted as a poster and a presentation. Your project will be assessed based on the artistic merit of your design and the quality, clarity, and expressiveness of your graphics.

## Course Portfolio

Collect your work in a course portfolio for the school's accreditation archive.

## Grading

Homework	60%
Project	35%
Course Portfolio	5%

## Software

Adobe CC | <https://www.adobe.com/>      Lumion | <https://lumion.com>  
Rhino3D | <https://www.rhino3d.com/>      Enscape | <https://enscape3d.com/>

## Readings

Liptan, T.W., and J.D. Santen. *Sustainable Stormwater Management: A Landscape-Driven Approach to Planning and Design*. Timber Press, 2017.

National Association of City Transportation Officials. *Urban Street Stormwater Guide*. Washington D.C.: Island Press, 2017.

Kennen, K., and N. Kirkwood. *Phyto: Principles and Resources for Site Remediation and Landscape Design*. Taylor & Francis, 2015.

Lupton, E., and J.C. Phillips. *Graphic Design: The New Basics: Second Edition, Revised and Expanded*. Princeton Architectural Press, 2015.

National Association of City Transportation Officials. *Urban Street Design Guide*. Washington D.C.: Island Press, 2013.

Hustwit, Gary. *Helvetica*, 2007.

## Policies

**Communication Intensive** This is a certified Communication-Intensive (C-I) course, which meets all of the requirements set forth by LSU's Communication across the Curriculum program, including instruction and assignments emphasizing informal and formal visual and technological communication, teaching of discipline-specific communication techniques, use of feedback loops for learning, 40% of the course grade rooted in communication-based work, and practice of ethical and professional work standards. Students interested in pursuing the LSU Distinguished Communicators certification may use this C-I course for credit. For more information visit: [www.cxc.lsu.edu](http://www.cxc.lsu.edu).

**Accreditation Expectations** As an accredited Landscape Architecture program LSU's Robert Reich School of Landscape Architecture (RRSLA) must meet the accreditation requirements as stated by the Landscape Architectural Accreditation Board (LAAB) to ensure RRSLA is meeting the expectations of the field. The LAAB requires programs to provide digital copies of student work as part of this process. Students in this course will be expected to comply with the following requirements as 5% of their course grade: (1) Students must provide a course portfolio with work samples specified by the instructor before the end of the grading period. (2) Each student's course portfolio must be saved as a single, high resolution PDF file with multiple pages. (3) Files must follow the naming convention established by the school: departmentcoursenumber-semesteryear-username.pdf. Example: LA2101-S2021-baharmon.pdf.

**Late Work Policy** There is a one week grace period for late class work. After the grace period, the grade for the assignment will be lowered by a letter grade (i.e. 10 points) per week late.

**Attendance Policy** When students have valid reasons for absence, they are responsible for providing reasonable advance notification and appropriate documentation of the reason for the absence and for making up examinations, obtaining lecture notes, and otherwise compensating for what may have been missed. Valid reasons that must be documented include: illness; serious family emergency; special curricular requirements such as field trips; court-imposed legal obligations such as subpoenas or jury duty; military obligations; serious weather conditions; religious observances; official participation in varsity athletic competitions or university musical events. Absences without valid reasons are limited to three per term. Beyond these limits, each unexcused absence will lower the final course grade by one letter grade increment (i.e. 3.3 points).

**Time Commitment Expectations** LSU's general policy states that for each credit hour, you (the student) should plan to spend at least two hours working on course related activities outside of class. Since this course is for three credit hours, you should expect to spend a minimum of six hours outside of class each week working on assignments for this course.

**LSU Student Code of Conduct** The LSU student code of conduct explains student rights, excused absences, and what is expected of student behavior. Students are expected to understand this code: <http://students.lsu.edu/saa/students/code>. Any violations of the LSU student code will be duly reported to the Dean of Students.

**Disability Code** The University is committed to making reasonable efforts to assist individuals with disabilities in their efforts to avail themselves of services and programs offered by the University. To this end, Louisiana State University will provide reasonable accommodations for persons with documented qualifying disabilities. If you have a disability and feel you need accommodations in this course, you must present a letter to me from Disability Services in 115 Johnston Hall, indicating the existence of a disability and the suggested accommodations.

**Academic Integrity** According to section 10.1 of the LSU Code of Student Conduct, "A student may be charged with Academic Misconduct" for a variety of offenses, including: unauthorized copying, collusion, or collaboration; "falsifying" data or citations; "assisting someone in the commission or attempted commission of an offense"; and plagiarism, which is defined in section 10.1.H as a "lack of appropriate citation, or the unacknowledged inclusion of someone else's words, structure, ideas, or data; failure to identify a source, or the submission of essentially the same work for two assignments without permission of the instructor."

**Plagiarism and Citation Method** Plagiarism is the “lack of appropriate citation, or the unacknowledged inclusion of someone else’s words, structure, ideas, or data; failure to identify a source, or the submission of essentially the same work for two assignments without permission of the instructor(s)” (Sec. 10.1.H of the LSU Code of Student Conduct). As a student at LSU, it is your responsibility to refrain from plagiarizing the academic property of another and to utilize appropriate citation method for all coursework. In this class, it is recommended that you use Harvard Style author-date citations. Ignorance of the citation method is not an excuse for academic misconduct.