

landscape architecture site analysis

(hybrid)

course description

Inventory, analysis and evaluation of site development procedures; emphasis on landscape ecology. (3 credits)

Prerequisites: None, course is open to all students

Course Type: Hybrid (classroom + online)

Instructor:

Andrea Galinski, CFM, Associate Scholar

(e): andrea.galinski@ufl.edu

(c): 215-262-5523

(web): UF Canvas e-Learning website,

<https://ufl.instructure.com/courses/438200>

(o): 461 Architecture Building

(office hours): Wednesdays, 9:30-10:30am

course objectives, learning outcomes, & expectations

This is an introduction to the process of inventory, analysis and synthesis of information about a site and its context. Our purpose is to expand your knowledge of natural and cultural resources and user needs that directly affect planning, design, and landscape management decisions. Through the semester, assignments will help develop and refine your ability to selectively inventory appropriate natural and cultural resources on site, as well as analyze the selected inventory data relative to key issues and program requirements, thus providing the wherewithal to organize and locate the proposed program elements and, often, to suggest additional program elements. Additionally, this course will examine site synthesis which will enable you to synthesize natural, cultural, and user information through various methodologies used by the field of landscape architecture as well as many allied professions.

Student Learning Outcomes

The course is linked to the following department learning outcomes for the Bachelor of Landscape Architecture:

- **Content Knowledge:** Integrate concepts from the general body of knowledge of the profession of Landscape Architecture in design decision-making; Apply core professional landscape architecture skills in design decision-making; Apply ethical understanding to design decision-making.
- **Critical Thinking:** Combine and analyze information from multiple sources to support design decision-making.

Teaching Philosophy

I believe that landscape architecture is an exciting discipline! I aim to share this passion with students, so that they will be able to utilize the tools of landscape architecture as both citizens and working professionals to respond to shifting environmental, technological, cultural, and socioeconomic conditions. I aim to cultivate in my students independent thinking that challenges both peers and professors, critical self-evaluation, and strong practices of self-guided exploration. To this end, I strive to be direct, responsive, and transparent in assessment and feedback.

Instructional Methods

This hybrid course will introduce you to the extensive process of analyzing sites for planning and design.

Coursework will focus on:

- **Weekly meetings.** Students will interact via weekly in-person meetings in the Arch Building.
- **Online instructional content.** Lectures, online videos, readings, and other course materials posted online

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will provide unique perspectives on subject matter. This combination of multimedia information and recorded lectures will create an engaging atmosphere for active learning.

- **Discussions.** Students will engage in a discourse about the course content material through weekly online discussions.
- **Quizzes + Mid Term Exam.** There will be several quizzes given over the course of the semester, as well as a mid-term exam, which will be given online.
- **Assignments.** Several iterative assignments will enable students to apply the site analysis techniques learned in coursework to a location of their choosing. To conduct the site analysis, students will collect information online (using digital data and [ArcGIS Online](#)¹) as well as other tools. Please note that the final term project will serve as the final exam for the course.

Course Materials

All course materials and resources, such as lectures, videos, and other pertinent readings, will be posted online to the CANVAS website.



- [ArcGIS Online](#)¹
ArcGIS Online is an intuitive geographic information systems (GIS) platform providing mapping and analysis tools. As part of the course assignments, students will use this platform to develop some of the site analysis course assignments. Access is available for free using UF GatorLink ID credentials.
- **Textbook (Optional)**
LaGro, James A. (2013.) Site Analysis: Informing Context-Sensitive and Sustainable Site Planning and Design, 3rd Edition. John Wiley & Sons. Hoboken, NJ
 - o **The physical book is not required for the course.** However, this book mirrors most of the course and will be helpful throughout your landscape architecture career. It is available [HERE](#)² through the UF Library with a valid GatorLink ID

course policies

Participation

Students will be able to engage with their classmates and earn participation points through a number of avenues. First, they will complete peer reviews of their classmates' term project assignments, as well as a review of their term project partner (both required). In addition, they may select from a number of optional activities such as visiting office hours, commenting on peer's responses for the weekly discussion boards, posting useful class resources, responding to our "Just for Fun" questions, and other activities to earn the remainder of their participation points.

Further, students are expected to complete all assignments, discussions, and quizzes in a timely fashion. For the students in the hybrid section, attendance of the weekly meetings is mandatory. One (1) unexcused absence is permitted. Each additional absence will lower your grade by 4%. You are requested to contact the instructor in advance if you will not be attending the weekly meeting. In addition, participation is monitored through UF's e-learning website CANVAS.

Synchronous Online Work

This hybrid course has been constructed similarly to a regular 3-credit class that would meet for ~3 hours per week and have homework. In this case, most of the lectures have been recorded and posted online to be reviewed at students' convenience; because a substantial amount of instruction is online, students only attend the in-person class 1 day/week. Assignments (such as quizzes, discussions, etc.) are expected to be turned in weekly as well.

¹ ArcGIS Online: <https://www.esri.com/en-us/arcgis/products/arcgis-online/overview>

² Site Analysis Textbook Online (optional): <https://ebookcentral.proquest.com/lib/uf/fl/detail.action?docID=1120063>

For us, this means that there is a total of ~9 hours of work required per week for completing lectures, videos, readings, quizzes, discussions, assignments, and attending class each week. (One credit hour represents “not less than 1 hour of classroom or direct faculty instruction and a minimum of 2 hours out of class student work each week for approximately fifteen weeks for one semester...” ([Southern Association of Colleges and Schools Commission on Colleges](#)³). Please be sure to schedule the appropriate amount of time each week to devote to this class and the various assignments.

Honorlock

Honorlock will proctor your mid-term exam for this class. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You DO NOT need to create an account, download software or schedule an appointment in advance. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, and a stable Internet connection. To get started, you will need Google Chrome and to download the Honorlock Chrome Extension. You can download the extension at www.honorlock.com/extension/install. Honorlock support is available 24/7/365. If you encounter any issues, you may contact them by live chat, phone (844-243-2500), and/or email (support@honorlock.com).

Netiquette – Communication Courtesy

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions, and chats. A guide provided by University of Florida can be found [here](#)⁴.

Getting Technical Help

For issues with technical difficulties for e-Learning on CANVAS, please contact the [UF Help Desk](#)⁵ at:

- On campus at HUB 132
- helpdesk@ufl.edu
- (352) 392-HELP (4357) → select option 2

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from the Help Desk when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

Distribution of Materials on Canvas

The digital course materials provided on CANVAS (e.g., lectures, assignments, quizzes, etc.) are provided for personal study and are not intended for distribution by electronic or other means. Further distribution or posting on other websites is not permitted.

Submission of Student Work

All student work may be retained and used by the Department of Landscape Architecture. Digital copies of student work for this course must be turned in at the completion of each assignment. No final grades will be issued until digital submissions have been turned in as requested. *Typically, all files must be submitted as Portable Document Formats (PDF). Please adhere to assignment file submission guidelines.*

Online Course Evaluation

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via [GatorEvals](#)⁶. Guidance on how to give feedback in a professional and

³ SACS: <https://citt.ufl.edu/resources/student-engagement/ensuring-academic-rigor/>

⁴ UF Netiquette: https://www.cise.ufl.edu/wp-content/uploads/2019/08/CISE_Netiquette_Guide.pdf

⁵ UF Helpdesk: <https://elearning.ufl.edu/>

⁶ GatorEvals: <https://gatorevals.aa.ufl.edu/students/>

respectful manner is available here. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students [HERE](#)⁷ as well.

UF policies + resources

Academic Resources

- [Career Connections Center](#)⁸- career assistance and counseling. Reitz Union, 392-160.
- [Library Support](#)⁹- various ways to receive assistance with respect to using the libraries or finding resources.
- [Teaching Center](#)¹⁰- general study skills and tutoring. Broward Hall, 392-2010 or 392-6420.
- [Writing Studio](#)¹¹- help brainstorming, formatting, and writing papers. 302 Tigert Hall, 846-1138.

University Policy on Academic Misconduct

UF students are bound by The Honor Pledge which states:

"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: 'On my honor, I have neither given nor received unauthorized aid in doing this assignment.' The [Honor Code](#)¹² specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor."

Within the Department of Landscape Architecture, it is to be assumed that all work will be completed independently unless the assignment is defined as a group project by the instructor. This does not mean that students cannot help one another in learning material, but all work that is turned in must be independent work of that individual. Misrepresentation or plagiarism, such as claiming another's work to be one's own, refers to graphic and design work as well as written work. Submitting work from one course to fulfill the requirements of another (unless expressly allowed by the instructor) is also misrepresentation. Any students found to have cheated, plagiarized, or otherwise violated the Honor Code in any assignment will be punished according to the severity of the act and may be referred to the Honor Court. It is each student's responsibility to report any infraction, and it is expected that each faculty will report all infractions as well.

Limitations + Student Accommodations

If a student has any limitations that might prevent him or her from meeting the requirements of this course, they are asked to notify the instructor. Support services for students with disabilities are coordinated by the [Disability Resource Center](#)¹³ (352-392-8565) in the Dean of Students Office. Students requesting accommodations should first register with the Disability Resource Center by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. (There is no requirement for a student to self-identify his/her disability to the instructor.) Students with disabilities should follow this procedure as early as possible in the semester.

U Matter, We Care

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating

⁷ GatorEvals results: <https://gatorevals.ua.ufl.edu/public-results/>

⁸ Career Connections Center: <https://career.ufl.edu/>

⁹ Library Support: <https://cms.uflib.ufl.edu/ask>

¹⁰ Teaching Center: <https://teachingcenter.ufl.edu/>

¹¹ Writing Studio: <https://writing.ufl.edu/writing-studio/>

¹² Honor Code: <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>

¹³ Disability Resource Center: <https://disability.ufl.edu/>

a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing Staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

Counseling + Wellness Resources

Students experiencing crisis or personal problems that interfere with their general well-being are encouraged to utilize the University's counseling resources. The Counseling & Wellness Center (CWC) provides confidential counseling services at no cost for currently enrolled students. The CWC is located at 3190 Radio Road. For further information on services, making appointments, and emergency or after-hour assistance call the CWC at 321-392-1575 or on the [web](#)¹⁴.

Religious Holidays

The University calendar does not include observance of any religious holidays. The Florida Board of Governors and state law govern university policy regarding observance of religious holidays. Students shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith with prior notification to the instructor. Students shall be permitted a reasonable amount of time to make up the material or activities covered in their absence. Students shall not be penalized due to absence from class or other scheduled academic activity because of religious observances.

Student Complaint Process

Each online distance learning program has a process for, and will make every attempt to resolve, student complaints within its academic and administrative departments at the program level. If you are unsure about who to contact at the program level please email distance@dce.ufl.edu and a member of the distance learning staff will forward your complaint to the appropriate UF administrative authority. You can find more information [here](#)¹⁵.

grading & exam policies

Grading

According to Departmental Policy, Landscape Architecture majors must receive a C or better to move forward. Any grade that is lower than a C will require that the course be taken over again. Grading will adhere to the University of Florida Grade Policy:

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E
Numeric Grade	100-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	69-67	66-63	62-60	59-0
Quality Points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	0.67	0.0

Please see the [UF Grades and Grading Policies](#)¹⁶ for more information.

Evaluation of Performance

Timely completion of all project requirements is expected; work is typically due by the end of each week (Sunday at 11:59pm), unless otherwise noted. **Late work will be penalized 2.5% per day.** Due to structure of the course, work

¹⁴ Counseling & Wellness Center: <https://counseling.ufl.edu/>

¹⁵ Distance Learning: <https://distance.ufl.edu/student-complaint-process/>

¹⁶ UF Grades and Grading Policies: <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

submitted more than **3 days late** will not be accepted unless prior accommodations have been made. Requirements for making up missed assignments or other work in this course are consistent with university policies that can be found [here](#)¹⁷.

1. **Participation (5% of final grade):** Students will be able to engage with their classmates and earn participation points through a number of avenues. First, they will complete peer reviews of their classmates' project assignments, as well as a review of their project partner (both required). In addition, they may select from a number of optional activities such as visiting office hours, commenting on peer's responses for the weekly discussion boards, posting useful class resources, responding to our "Just for Fun" questions, and other activities to earn the remainder of their participation points.
2. **Weekly Discussions (15% of final grade):** Weekly discussion sessions on Canvas and in the classroom will provide students with the opportunity to reflect on the topics presented during the week, as well as engage with other students enrolled in the course. The lecture content will vary from week to week and the discussions will reflect both aspects of that week's lectures and activities as well as your own personal synthesis and/or reflection on the subjects, perspectives, issues, and methods discussed.
3. **Quizzes (15% of final grade):** To ensure student engagement in the online content and lectures, quizzes will be given throughout the semester. The lowest quiz grade will be dropped in the final grade calculation. Please note that quizzes are due at the end of each week and may not be submitted late unless previous accommodations have been made.
4. **Mid-Term Exam (20% of final grade):** A mid-term exam will be assigned online and will include questions from each topic covered to date. (The mid-term exam will be conducted using the [Honorlock](#)¹⁸ proctoring system.)
 - The mid-term is tentatively scheduled for **Friday, October 30, 2020 from 6:00am-9:00pm.**
5. **Cumulative Term Project (35% of final grade):** Applying the information that you are learning in class is primarily done through a cumulative term project comprised of several site analysis assignments that explore a location of your choosing. To conduct the site analysis, you will collect information both online (using digital data and [ArcGIS Online](#)¹⁹), as well as other tools.
6. **Final Project (10% of final grade):** A final project will be based on the cumulative results of the project assignments and focus on site synthesis.
7. **Class Attendance:** Attendance of the weekly meetings is mandatory. One (1) unexcused absence is permitted. Each additional absence will lower your grade by 4%. You are requested to contact the instructor in advance if you will not be attending the weekly meeting.

Evaluation/Grading Summary for Course:

- 5% Participation
- 15% Weekly Discussions
- 15% Quizzes
- 20% Mid-Term Exam
- 35% Cumulative Term Project
- 10% Final Project
- **100% Total**

course schedule

The following is an overview of the course schedule and assignments:

¹⁷ UF Attendance Policies: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/#absencetext>

¹⁸ Honorlock (via UF Warrington College of Business): <https://warrington.ufl.edu/covid-19/information-for-for-students/honorlock-student-guide/>

¹⁹ ArcGIS Online: <https://www.esri.com/en-us/arcgis/products/arcgis-online/overview>

Course Week	Weekly Assignments	Classroom Meetings	Due Dates
Week 1: Course Introduction (Introduce Assign 1)	Discussion 00 Discussion 01 Quiz 01	Wednesday, Aug 25 @8:30am	Sunday, Aug 29 @11:59pm
Week 2: Site Planning Process	Quiz 02 Discussion 02 Assignment 01: Site Selection	Wednesday, Sept 1 @8:30am	Sunday, Sept 5 @11:59pm
Week 3: Base Mapping + Site Selection (Introduce Assign 2)	Quiz 03 Discussion 03 Peer Review 01	Wednesday, Sept 8 @8:30am	Sunday, Sept 12 @11:59pm
Week 4: Physical Inventory + Analysis: Topography + Geomorphology	Quiz 04 Discussion 04	Wednesday, Sept 15 @8:30am	Sunday, Sept 19 @11:59pm
Week 5: Physical Inventory + Analysis: Hydrology + Soils	Quiz 05 Discussion 05 Assignment 02: Physical Systems	Wednesday, Sept 22 @8:30am	Sunday, Sept 26 4 @11:59pm
Week 6: Ecological Inventory: Climate + Ecology (Introduce Assign 3)	Quiz 06 Discussion 06 Peer Review 02	Wednesday, Sept 29 @8:30am	Sunday, Oct 3 @11:59pm
Week 7: Ecological Inventory: Fieldwork	Quiz 07 Discussion 07	Wednesday, Oct 6 @8:30am	Sunday, Oct 10 @11:59pm
Week 8: Human Systems: Land Use + Regulatory Context	Quiz 08 Discussion 08 Assignment 03: Climate + Ecology	Wednesday, Oct 13 @8:30am	Sunday, Oct 17 @11:59pm
Week 9: Midterm Exam Week	Mid-Term Exam	N/A	Friday, Oct 22 @11:59pm +
Week 10: Human Systems: Infrastructure (Introduce Assign 4)	Quiz 10 Discussion 10 Peer Review 03	Wednesday, Oct 27 @8:30am	Sunday, Oct 31 @11:59pm
Week 11: Human Systems: History + Culture	Quiz 11 Discussion 11	Wednesday, Nov 3 @8:30am	Sunday, Nov 7 @11:59pm
Week 12: Final Analysis + Site Synthesis	Quiz 12 Discussion 12 Assignment 04: Human	Wednesday, Nov 10 @8:30am	Sunday, Nov 14 @11:59pm

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	Systems		
Week 13: New Analysis Technologies (Introduce Assign 5)	Quiz 13 Discussion 13 Peer Review 04	Wednesday, Nov 17 @8:30am	Sunday, Nov 21 @11:59pm
Week 14: New Site Analysis Applications	Quiz 14 Discussion 14	N/A (Thanksgiving Holiday)	Sunday, Nov 28 @11:59pm (Thanksgiving Nov 25-27)
Week 15: Exploring Precedents	Discussion 15 Assignment 05: Final Analysis + Site Synthesis (Final Project)	Wednesday, Dec 1 @8:30am	Sunday, Dec 5 @11:59pm
Week 16: Conclusions	Discussion 16 Discussion 17 (not graded) Peer Review 05	N/A	Friday, Dec 12 @11:59pm <i>*note all work is due by the last Friday of semester</i>

Please check the course website on CANVAS for more detailed information regarding course content, assignments, quizzes, due dates, and other pertinent material.