

LAND 240: Introduction to Horticulture (3 credits)

Instructor: Class Location: Email: Class Time:
Office Hours:

Course Description:

This course offers an introductory examination of the science of horticulture as it applies to landscape architecture. An emphasis will be placed on developing a working knowledge of the fundamental principles of plant growth and development.

Student Learning Outcomes:

Upon successful completion of this course, students will document the ability to demonstrate the following criteria at an introductory level:

- Access, collect, and use primary and secondary resources to create precedent and typology case study analyses from the the fine arts, natural sciences, social sciences, and humanities as they apply to landscape architecture specific to horticulture problems and questions.
- Identify and critically evaluate the lessons learned from precedent and typology case study analyses.
- Demonstrate effective written, graphic, and oral communication skills through the delivery of project presentations.
- Produce effective graphic presentations using a wide range of appropriate analog and digital media.
- Demonstrate the need for landscape architects to provide leadership in the design, management, and planning of socially, economically, environmentally, and physically sustainable environments.
- Generate a professional paper that documents college-level professional writing and research skills.

Required Textbook:

None: Readings will be distributed as required. Bring a sketch pad. All notes will be graded.

Attendance and Participation

This course will adhere to the SOA Attendance Policy:

"Attendance at classes, laboratories, studios and seminars is required. If excessive absences are noted in a particular course, the student will be notified in person and by letter that he or she will be administratively withdrawn if further unexcused absences are noted. If further absences occur after notification, the student will be withdrawn from the course and the program." (p.152, undergraduate catalog).

An excused absence, as defined by the School of Architecture is not "I have to be at work so I can't be in class", rather, documented illness is an excused absence. Representing the school in a sponsored event, or other similar activities may constitute as an excused absence. Attendance may be taken at any time during the scheduled class period. If you are going to be absent or late, for any reason, you must let us know in writing at least 24 hours prior to the class period. However, prior written notification does not mean that the absence will be considered excused, rather the advanced notice is meant to act as a time related courtesy to those who will be in attendance. Class discussions and/or missed critique opportunities will not be repeated. Three unexcused absences will result in an automatic 20% reduction in your final grade.

More than three unexcused absences are grounds for being administratively dropped from the course, as outlined in the SOA Policy. It is important to be on time for all class meetings and to produce work regularly for input and review. YOU ARE EXPECTED TO ATTEND ALL CLASSES FOR THE ENTIRE CLASS SESSION. This is absolutely mandatory, unless you have preauthorized permission to be absent, or both instructors have agreed upon other arrangements. IT IS ALSO MANDATORY THAT YOU DISPLAY PROPER PROFESSIONAL ETIQUETTE BY ATTENDING THE PRESENTATIONS OF EACH OF YOUR CLASSMATES. YOU ARE EXPECTED TO ARRIVE ON TIME. Professional conduct requires that you manage your time in such a way that is not disrespectful to others. Tardiness may result in your not being allowed to enter the class, thus resulting in an unexcused absence. Participation in class discussions is required and your participation will constitute part of your grade.

Grade Distribution

The course requirement will be distributed as follows:

- Semester Report (700 pts)
- Tests/quizzes (100)
- Class participation/ projects (100 pts)
- Notebook (and notes therein) (99 pts)
- Attendance (1 pts)

Project Presentation Component

Your projects will include a presentation component. All presentations will be made using the following guidelines:

- All presentations will be ten minutes in length.
- Your presentation should focus on a critical analysis of your topic and must include a design proposal as it relates to the content of the literature that you have used to promote your analysis.
- Your project should focus on the following factors: why this analysis is important to you, how is your proposal relevant to the discourse of sustainable landscape architecture, and what does this proposal mean to your future as a designer.

Grading / Exams / Grade Posting

Each assignment submitted on time will receive a grade and/or comments. Grades will be provided in writing on assignments, and grade-to-date information will be available upon request.

Points to letter grade conversion

1000	950	900	A	A	A-
899	850	800	B+	B	B-
799	750	700	C+	C	C-
699	650	600	D+	D	D-
599	to	0	F		

Grading Structure

The following standards supplement the Grading System for Undergraduate Students as listed in the current Undergraduate Catalog.

Letter Grade Description

A to A- Superior: Represents comprehensive excellence. Not only does the work fulfill all requirements in an excellent and professional manner but goes beyond the given requirements aiming at standards higher than requested. The student is an active and engaged participant in all class activities and intellectual progress and development have been demonstrated by the timely preparation of thoughtful work on a regular basis. This work is of a quality that is instructive to the teacher and exemplary to the rest of the class.

B+ to B- Above Average: Represents work that can be distinguished as being of truly “good” quality. This work is of a quality that has been instructive to the rest of the class. The work is free of significant flaws, is comprehensive in scope, and is recognizable as coherent architecture. The student is an active and engaged participant in all class activities and intellectual progress and development have been demonstrated by the timely preparation of work on a regular basis.

C+ to C- Average: Represents satisfactory and average performance. The work is free of major design flaws and is recognizable as coherent architecture. Intellectual progress and development have been demonstrated by the timely preparation of work on a regular basis. The student and instructor can take “satisfaction” in the average resolution of the design exercise.

Students of Architecture, Interior Architecture and Design, and Landscape Architecture must attain a minimum grade of “C-” in all coursework taken within the School of Architecture as a part of the completion of their major course requirements. Students who attain any grade below a “C-” in any course within their major must retake that course and attain a minimum grade of “C-” in order to advance towards graduation.

D to F Failing: Represents substandard work that is not passable. Work has not fulfilled requirements, or has not be completed on time, or does not appropriately address the exercise is unacceptable.

I Incomplete Grades - The grade of I – Incomplete – can be granted when a student has satisfactorily completed all course work up to the withdrawal date of that semester/session but for reason(s) beyond the student’s control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it. A student who receives an I is responsible for making up whatever work was lacking at the end of the semester. If course requirements are not completed within the time indicated, a grade of F will be recorded and the GPA will be adjusted accordingly. Students who are fulfilling an Incomplete do not register for the course but make individual arrangements with the instructor who assigned the I grade.

As per the UNLV Office of the Vice President and Provost Spring

Instructors are permitted to assign + or – to grades. However, there is no grade of “A+” within these guidelines.

Semester Schedule*

CLASS	DATE	TOPIC
1	1/23	Introduction: "Me On the Wall" assignment. Why Hort? Lecture.
2	1/30	Review and Discuss "Me on the Wall" Soil Samples! Grow your garden! UNLV Garden orientation.
3	2/6	Plant Growth Environment: Below Ground. Soil chemistry/physical properties Guest Speaker: Doug Merkler.
4	2/13	School Gardens. Brenda Rodrigues, Green Our Planet.
5	2/20	Plant Anatomy and Taxonomy.
6	2/27	Plant Nutrition. Fertilizers. Guest Speaker John Smith.
7	3/5	TBA
8	3/12	TBA
9	3/19	Spring Break
10	3/26	Arboriculture
11	4/2	Herbicides and Pesticides. What you need to know. Guest Speaker: Angela O'Callaghan
12	4/9	Tree Selections, start to finish.
13	4/16	Hort for Landscape Architects. Guest Speaker John Smith
14	4/23	Turfgrass Fundamentals
15	4/30	Propogation – seeds, cuttings, mass production. Desert plant characteristics. Meet at Floyd Lamb Nursery
		SEMESTER REPORT DUE
16	5/7	Licensing and Certifications – Related Fields (ISA, IA, NV Dept. of Ag) presentations begin

Portfolio/Submission of Work Policy

At the end of each course, all students will submit copies of his or her work in the form of hardcopy and digital portfolios. The portfolio must be clearly organized and in chronological order starting at the beginning of the semester and tracing your progress throughout the semester. The portfolio must document ALL of the work that you completed during the semester. This includes, but is not limited to the final project, final presentation images, course writing assignments, etc. Each project/assignment must also include a copy of the project/assignment handout. *Submission of the course portfolio is mandatory – NO EXCEPTIONS. Please adhere to the following submission guidelines:*

HARDCOPY PORTFOLIOFormat

- The hardcopy portfolio must be 8.5" x 11."
- The portfolio must be spiral bound along the left hand side.
- The portfolio must have a heavy stock binding material as a back cover and a clear plastic front cover.
- The first page of the portfolio must include your name, the course number, the semester, and the name of the course instructor/professor.

DIGITAL PORTFOLIOFormat

- The portfolio must be submitted as a .pdf file submitted to the class Google Drive (No exceptions)
- PDF is the preferred formatting platform, any other platform must be cleared by the program coordinator.

It is the responsibility of each student to ensure that his or her files are properly loaded and can be opened and viewed.

University Policies

Academic Misconduct

Academic integrity is a legitimate concern for every member of the Campus community; we all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility, and professionalism. By choosing to join the UNLV community, students accept the expectations of the Student Academic Misconduct Policy, and are encouraged to always take the ethical path whenever faced with choices. Students enrolling at UNLV assume the obligation to conduct themselves in a manner compatible with UNLV's educational mission. An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another person, from the Internet or any other source without proper citation of the sources. See the [Student Conduct Code](https://www.unlv.edu/studentconduct/student-conduct), <https://www.unlv.edu/studentconduct/student-conduct>.

Auditing Classes

Auditing a course allows a student to continue attending the lectures and/or laboratories and discussion sessions associated with the course, but the student will not earn a grade for any component of the course. Students who audit a course receive the same educational experience as students taking the course for a grade, but will be excused from exams, assessments, and other evaluative measures that serve the primary purpose of assigning a grade.

Classroom Conduct

Students have a responsibility to conduct themselves in class and in the libraries in ways that do not interfere with the rights of other students to learn or of instructors to teach. Use of electronic devices such as pagers, cellular phones, or recording devices, or potentially disruptive devices or activities, are only permitted with the prior explicit consent of the instructor. The instructor may rescind permission at any time during the class. If a student does not comply with established requirements or obstructs the functioning of the class, the instructor may initiate an administrative drop of the student from the course.

Copyright

The University requires all members of the University Community to familiarize themselves with, and to follow copyright and fair use requirements. You are individually and solely responsible for violations of copyright and fair use laws. The University will neither protect nor defend you, nor assume any responsibility for employee or student violations of fair use laws. Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. Additional [copyright policy information](http://www.unlv.edu/provost/copyright) is available at <http://www.unlv.edu/provost/copyright>.

Disability Resource Center (DRC)

The [UNLV Disability Resource Center](https://www.unlv.edu/drc) (SSC-A, Room 143, <https://www.unlv.edu/drc>, 702-895-0866) provides resources for students with disabilities. Students who believe that they may need academic accommodations due to injury, disability, or due to pregnancy should contact the DRC as early as possible in the academic term. A Disabilities Specialist will discuss what options may be available to you. If you are registered with the UNLV Disability Resource Center, bring your Academic Accommodation Plan from the DRC to the instructor during office hours, so that you may work together to develop strategies for

implementing the accommodations to meet both your needs and the requirements of the course. Any information you provide is private and will be treated as such. To maintain the confidentiality of your request, please do not approach the instructor in front of others to discuss your accommodation needs.

Final Examinations

The University requires that final exams given at the end of a course occur on the date and at the time specified in the Final Exam schedule. The general schedule is typically available at the start of the semester, and the classroom locations are available approximately one month before the end of the semester. See the [Final Exam Schedule](https://www.unlv.edu/registrar/calendars), <https://www.unlv.edu/registrar/calendars>.

Identity Verification in Online Courses

All UNLV students must use their Campus-issued ACE ID and password to log in to WebCampus.

UNLV students enrolled in online or hybrid courses are expected to read and adhere to the [Student Academic Misconduct Policy](https://www.unlv.edu/studentconduct/misconduct/policy), <https://www.unlv.edu/studentconduct/misconduct/policy>, which defines, “acting or attempting to act as a substitute for another, or using or attempting to use a substitute, in any academic evaluation or assignment” as a form of academic misconduct. Intentionally sharing ACE login credentials with another person may be considered an attempt to use a substitute and could result in investigation and sanctions, as outlined in the Student Academic Misconduct Policy.

UNLV students enrolled in online courses are also expected to read and adhere to the [Acceptable Use of Computing and Information Technology Resources Policy](https://www.it.unlv.edu/policies/acceptable-use-computing-and-information-technology-resources-policy), <https://www.it.unlv.edu/policies/acceptable-use-computing-and-information-technology-resources-policy>, which prohibits sharing university accounts with other persons without authorization.

To the greatest extent possible, all graded assignments and assessments in UNLV online courses should be hosted in WebCampus or another UNLV-managed platform that requires ACE login credentials for access.

Incomplete Grades

The grade of “I” (Incomplete) may be granted when a student has satisfactorily completed three-fourths of course work for that semester/session, but cannot complete the last part of the course for reason(s) beyond the student’s control and acceptable to the instructor, and the instructor believes that the student can finish the course without repeating it. For undergraduate courses, the incomplete work must be made up before the end of the following regular semester. Graduate students receiving “I” grades in 500-, 600-, or 700-level courses have up to one calendar year to complete the work, at the discretion of the instructor. If course requirements are not completed within the period indicated, a grade of “F” will be recorded, and the student’s GPA will be adjusted accordingly. Students who are fulfilling an Incomplete grade do not register for the course, but make individual arrangements with the instructor who assigned the “I” grade.

Library Resources

Librarians are available to consult with students on research needs, including developing research topics, finding information, and evaluating sources. To make an appointment with a subject expert for this class, please visit the [Libraries’ Research Consultation](http://guides.library.unlv.edu/appointments/librarian) website: <http://guides.library.unlv.edu/appointments/librarian>. You can also [ask the library staff](http://ask.library.unlv.edu/) questions via chat and text message at: <http://ask.library.unlv.edu/>.

Missed Classwork

Any student missing class, quizzes, examinations, or any other class or laboratory work because of observance of religious holidays will be given an opportunity during that semester to make up the missed work. The make-up opportunity will apply to the religious holiday absence only. It is the responsibility of the student to notify the instructor within the first 14 calendar days of the course for Fall and Spring courses (except for modular courses), or within the first 7 calendar days of the course for Summer and modular courses, of their intention to participate in religious holidays which do not fall on state holidays or periods of class recess. For additional information, please visit the Policy for Missed Work, under Registration Policies, on the [Academic Policies](https://catalog.unlv.edu/content.php?catoid=6&navoid=531) webpage, <https://catalog.unlv.edu/content.php?catoid=6&navoid=531>.

In accordance with the policy approved by the Faculty Senate regarding missed class time and assignments, students who represent UNLV in any official extracurricular activity will also have the opportunity to make up assignments, provided that the student provides official written notification to the instructor no less than one week prior to the missed class(es).

The spirit and intent of the policy for missed classwork is to offer fair and equitable assessment opportunities to all students, including those representing the University in extracurricular activities. Instructors should consider, for example, that in courses which offer a “Drop one” option for the lowest assignment, quiz, or exam, assigning the student a grade of zero for an excused absence for extracurricular activity is both contrary to the intent of the Faculty Senate’s policy, and an infringement on the student’s right to complete all work for the course.

This policy will not apply in the event that completing the assignment or administering the examination at an alternate time would impose an undue hardship on the instructor or the University that could reasonably have been avoided. There should be a good faith effort by both the instructor and the student to agree to a reasonable resolution. When disagreements regarding this policy arise, decisions can be appealed to the Department Chair/Unit Director, College/School Dean, and/or the Faculty Senate Academic Standards Committee.

For purposes of definition, extracurricular activities may include, but are not limited to: fine arts activities, competitive intercollegiate athletics, science and engineering competitions, liberal arts competitions, academic recruitment activities, and any other event or activity sanctioned by a College/School Dean, and/or by the Executive Vice President and Provost.

Rebelmail

Rebelmail is UNLV’s official email system for students, and by University policy, instructors and staff should only send emails to students’ Rebelmail accounts. Rebelmail is one of the primary ways students receive official University communications, information about deadlines, major Campus events, and announcements. All UNLV students receive a Rebelmail account after they have been admitted to the University. Emailing within WebCampus is also acceptable.

Tutoring and Coaching

The Academic Success Center (ASC) provides tutoring, academic success coaching, and other academic assistance for all UNLV undergraduate students. For information regarding tutoring subjects, tutoring times, and other ASC programs and services, please visit the [ASC website](https://www.unlv.edu/asc), <https://www.unlv.edu/asc>, or call 702-895-3177. The ASC building is located across from the Student Services Complex (SSC). Academic success coaching is located on the second floor of SSC A, Room 254. Drop-in tutoring is located on the second floor of the Lied Library, and on the second floor of the College of Engineering building (TBE A 207).

UNLV Writing Center

One-on-one or small group assistance with writing is available free of charge to UNLV students at the [Writing Center](https://writingcenter.unlv.edu/), <https://writingcenter.unlv.edu/>, located in the Central Desert Complex, Building 3, Room 301 (CDC 3–301). Walk-in consultations are sometimes available, but students with appointments receive priority assistance. Students may make appointments in person or by calling the Center, 702-895-3908. Students are requested to bring to their appointments their Rebel ID Card, a copy of the instructions for their assignment, and two copies of any writing they have completed on their assignment.