



Course Number	LAND 702	Location	Classes will be via Zoom
Course Name	Senior Research Studio in Landscape Architecture		
Instructor	Dr. Beverly A. Sandalack	Office Hours	By appointment
	Email: sandalack@ucalgary.ca	Phone: 403 615 4655 (mobile)	
Class Dates	Mondays, Tuesdays, Thursdays, Fridays 2:00pm - 6:10pm - real-time Zoom Classes normally Mondays and Thursdays		
Email Policy	All course communications must occur via your @ucalgary email		

Course Description

This is a research-oriented project studio that explores contemporary themes in landscape architecture. It centres on a real-world problem or project, the analysis of issues and context, and the formulation of a comprehensive design solution involving advanced methods, techniques and practices.

This studio aims to explore the relationship between research and design and to further develop skills in landscape architecture. The studio approach involves documentation and analysis of landscape and cultural form and process, site planning, conceptualization, design development, and visualization to address complex landscape situations. Issues including climate change, local and regional identity, and sustainability will inform studio work. We will consider environmental factors, social factors, urban structure, and sense of place, and discuss the principles of good environmental design within the western Canadian context. The exercises and major project will enable students to explore various inter-related scales of landscape and urban systems and provide experience in developing a research approach and methods to resolve a complex landscape design issue.

Students will develop an individual project related to a broader studio topic.

Online Delivery

This course will be taught remotely and will take place online via Zoom. Students are expected to be in attendance for the entirety of all lectures and reviews which will be scheduled during class time.

Course Learning Outcomes

At the end of this course, students will be able to:

1. Demonstrate an understanding of various design research approaches and methods appropriate to complex landscape architecture topics, and develop a research approach and methods to address a specific issue related to the studio topic
2. Demonstrate a comprehensive understanding of natural systems, cultural landscapes, and social processes as they pertain to the studio topic

3. Demonstrate advanced skills in site analysis, issue definition, concept development and design at multiple scales, building on those learned in previous studios and courses
4. Demonstrate the ability to intervene meaningfully through design and to demonstrate more sophisticated knowledge and skills related to landscape architectural practice
5. Demonstrate advanced skills in visualization, representation and presentation

Learning Resources

Students are encouraged to become familiar with the following. Other readings will be assigned.

Demeng, M. Elen, Simon Swaffield (2011) *Landscape Architectural Research: Inquiry, Strategy, Design* (Wiley)
 Hough, Michael (1994) *Cities and Natural Process* (Routledge)
 Rees, R. (1988) *New & Naked Land - Making the Prairies Home* (Saskatoon: West. Prod. Prairie Books)
 Sandalack, BA and A Nicolai (2006) *The Calgary Project: urban form / urban life* (U of Calgary Press)
 Spirn, Ann Whiston (1984) *The Granite Garden: Urban Nature and Human Design* (New York: Basic Books)
 Williams, Ron (2014) *Landscape Architecture in Canada* (McGill-Queen's University Press)

Technology requirements (D2L etc.):

Course materials will be posted on D2L

Additional Classroom Conduct and Related Information

Guidelines for Zoom Sessions in Online Classes

Students are expected to participate actively in all Zoom sessions and to turn on their webcam. Please join the class in a quiet space that will allow you to be fully present and engaged in the Zoom sessions. Students must behave in a professional manner during the class sessions. Students, employees, and academic staff are also expected to demonstrate behaviour in class that promotes and maintains a positive and productive learning environment.

Assessment Components

Assessment Method	Description	Weight	Aligned Course Learning Outcome
Presentation (graphic and verbal)	Individual illustrated personal landscape architecture + design timeline	5%	1,2,5
Presentation (report, graphic and verbal)	Townscape analysis of site and context (pairs/group)	30%	1,2,5
Interim and final reviews (multiple deliverables)	Individual project	65%	1,2,3,4,5

Assessment and Evaluation Information

Because the assignments are partially evaluated during presentations and reviews, all work must be completed on time. Unless agreed to by the instructor for reason of illness, academic accommodation (see University Policy below), or on compassionate grounds (all of which are to be supported by written documentation by the student), late submissions will be penalized one half letter grade per day, up to a maximum of three calendar days (including weekends and holidays), after which the assignment will receive a failing grade. Late presentations will normally not be permitted to be re-scheduled. There may be an opportunity to remediate late assignments/reschedule presentations if a written request by the student outlining the circumstances is received and approved by the instructor, normally prior to the due date/presentation date.

Evaluation will be based on the project assignments, completed during the term. A passing grade (B-) in each assignment is required in order to pass the course as a whole. All assignments will be evaluated by letter grades. Final course grades will be reported as letter grades, with the final grade calculated according to the 4-point range, as per the SAPL grading scale. There will be no final examination. (NOTE: students may be given an opportunity to remediate failing assignment grades; if so, the student(s) must satisfy expectations and due dates as per each remedial assignment.)

Writing and the grading thereof is a factor in evaluation of all course components.

Most work will be completed individually, however, some exercises may be completed as pairs/groups. Students will receive a common grade for work done in groups, unless it is identified (by the pair/group or by the instructor) prior to the assignment deadline that there is unequal effort, in which case the assignment may be graded individually. Groups should attempt to resolve difficulties, with the help of the instructor.

Grading Scale

Grade	Grade Point Value	4-Point Range	Percent	Description
A+	4.00	4.00	95-100	Outstanding - evaluated by instructor
A	4.00	3.85-4.00	90-94.99	Excellent - superior performance showing comprehensive understanding of the subject matter
A-	3.70	3.50-3.84	85-89.99	Very good performance
B+	3.30	3.15-3.49	80-84.99	Good performance
B	3.00	2.85-3.14	75-79.99	Satisfactory performance
B-	2.70	2.50-2.84	70-74.99	Minimum pass for students in the Faculty of Graduate Studies
C+	2.30	2.15-2.49	65-69.99	All final grades below B- are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements.
C	2.00	1.85-2.14	60-64.99	
C-	1.70	1.50-1.84	55-59.99	
D+	1.30	1.15-1.49	50-54.99	
D	1.00	0.50-1.14	45-49.99	
F	0.00	0-0.49	0-44.99	

A student who receives a "C+" or lower in any one course will be required to withdraw regardless of their grade point average (GPA) unless the program recommends otherwise. If the program permits the student to retake a failed course, the second grade will replace the initial grade in the calculation of the GPA, and both grades will appear on the transcript.

Topic Areas & Class Schedule

(class dates not specified will involve guest speakers, and desk crits)

Date	Topic	Assignments/Due Dates
January 11	Course introduction, including course outline, projects 1 and 2, the site	
January 18	Individual illustrated personal landscape architecture + design timeline due	Individual presentations via Zoom
	Lectures <ul style="list-style-type: none"> - research process and methods - University Innovation Quarter (guests) Site visit(s)	
January 28	Townscape analysis of site and context due	Pair / group presentation
February 1	Topic / research question / preliminary plan for individual projects due	Individual presentations
February 8	Individual proposals due	Individual presentations
February 11	Individual project first benchmark	Individual presentations
February 14-19	Reading Week – No classes	
March 11	Individual project second benchmark	Individual presentations
March 15-19	SAPL Block Week – studio will not meet	
April 1	Individual project third benchmark	Individual presentations
April 2	Good Friday – no class	
April 5	Easter Monday – no class	
April 15	Individual project fourth benchmark Classes end	Individual presentations
April	Final review to be scheduled	

Guidelines for Zoom Sessions

Zoom is a video conferencing program that will allow us to meet at specific times for a “live” video conference, so that we can have the opportunity to meet each other virtually. Lectures will take place via Zoom, and there will also be the opportunity to discuss relevant course topics as a class.

To help ensure Zoom sessions are private, do not share the Zoom link or password with others, or on any social media platforms. Zoom links and passwords are only intended for students registered in the course. Zoom recordings and materials presented in Zoom, including any teaching materials, must not be shared, distributed or published without the instructor’s written permission.

The use of video conferencing programs relies on participants to act ethically, honestly and with integrity; and in accordance with the principles of fairness, good faith, and respect (as per the [Code of Conduct](#)). When entering Zoom or other video conferencing sessions (such as MS Teams), you play a role in helping create an effective, safe and respectful learning environment. Please be mindful of how your behaviour in these sessions may affect others. Participants are required to use names officially associated with their UCID (legal or preferred names listed in the Student Centre) when engaging in these activities. Instructors can remove those whose names do not appear on class rosters. Non-compliance may be investigated under relevant University of Calgary conduct policies (e.g [Student Non-Academic Misconduct Policy](#)). If participants have difficulties complying with this requirement, they should email the instructor of the class explaining why, so the instructor may consider whether to grant an exception, and on what terms. For more information on how to get the most out of your zoom sessions visit: <https://elearn.ucalgary.ca/guidelines-for-zoom/>

If you are unable to attend a Zoom session, please contact your instructor in advance to arrange an alternative activity for the missed session. Please note that presentations will not necessarily be recorded. Please be prepared to join class in a quiet space that will allow you to be fully present and engaged in Zoom sessions. Students will be advised by their instructor when they are expected to turn on their microphones, but otherwise please select the “mute” option in order to avoid unnecessary noise and feedback.

University Calendar: <https://www.ucalgary.ca/pubs/calendar/current/e-6.html>

Recording of lectures (other than audio recordings that are pre-arranged as part of an authorized accommodation) is not permitted. Students may not record any portion of a lecture, class discussion or course-related learning activity without the prior and explicit written permission of the course instructor or authorization from Student Accessibility Services. For any other use, whether by duplication, transcription, publication, sale or transfer of recordings, written approval must be obtained from the instructor for the specific use proposed. Any use other than that described above constitutes academic misconduct and may result in suspension or expulsion.

The instructor may use media recordings to capture the delivery of a lecture. These recordings will be used to support student learning only and will not be shared or used for any other purpose. The instructor will notify all students and guests in the class before the Zoom session is recorded. Any video-recording would be intended to only capture the instructor and the presentation materials. Students/other participants would not necessarily be visible on video recordings.

Special Budgetary Requirements

Any site visits will be possible on foot or by LRT/bus.

Assigned required readings will be available either in the library or on-line.

University of Calgary Policies and Supports

COVID-19 PROCEDURE FOR SICK STUDENTS: <https://ucalgary.ca/risk/sites/default/files/Covid-19%20Folder/COVID-19-Procedure-for-Sick-Students.pdf>

ACADEMIC ACCOMMODATION

It is the student's responsibility to request academic accommodations according to the University policies and procedures listed below. The Student Accommodations policy is available at <https://ucalgary.ca/student-services/access/prospective-students/academic-accommodations>.

Students needing an accommodation based on disability or medical concerns should contact Student Accessibility Services (SAS) in accordance with the Procedure for Accommodations for Students with Disabilities (<https://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities.pdf>). Students who require an accommodation in relation to their coursework based on a protected ground other than Disability should communicate this need in writing to their Instructor.

SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/.

ACADEMIC MISCONDUCT

Academic Misconduct refers to student behavior which compromises proper assessment of a student's academic activities and includes: cheating; fabrication; falsification; plagiarism; unauthorized assistance; failure to comply with an instructor's expectations regarding conduct required of students completing academic assessments in their courses; and failure to comply with exam regulations applied by the Registrar.

For information on the Student Academic Misconduct Policy and Procedure please visit:

<https://ucalgary.ca/policies/files/policies/student-academic-misconduct-policy.pdf>

<https://ucalgary.ca/policies/files/policies/student-academic-misconduct-procedure.pdf>

Additional information is available on the Academic Integrity Website at <https://ucalgary.ca/student-services/student-success/learning/academic-integrity>.

COPYRIGHT LEGISLATION:

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy (<https://www.ucalgary.ca/pubs/calendar/current/k.html>).

INSTRUCTOR INTELLECTUAL PROPERTY

Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed or copied without the explicit consent of the instructor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY

Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary.

SEXUAL VIOLENCE POLICY

The University recognizes that all members of the University Community should be able to learn, work, teach and live in an environment where they are free from harassment, discrimination, and violence. The University of Calgary's sexual violence policy guides us in how we respond to incidents of sexual violence, including supports available to those who have experienced or witnessed sexual violence, or those who are alleged to have committed sexual violence. It provides clear response procedures and timelines, defines complex concepts, and addresses incidents that occur off-campus in certain circumstances. Please see the policy available at <https://www.ucalgary.ca/policies/files/policies/sexual-violence-policy.pdf>

UNIVERSITY STUDENT APPEALS OFFICE: If a student has a concern about the course, academic matter, or a grade that they have been assigned, they must first communicate this concern with the instructor. If the concern cannot be resolved with the instructor, the student can proceed with an academic appeal, which normally begins with the Faculty. <https://www.ucalgary.ca/secretariat/student-appeals>

OTHER IMPORTANT INFORMATION

Please visit the Registrar's website at: <https://www.ucalgary.ca/registrar/registration/course-outlines> for additional important information on the following:

- Wellness and Mental Health Resources
- Student Success
- Student Ombuds Office
- Student Union (SU) Information
- Graduate Students' Association (GSA) Information
- Emergency Evacuation/Assembly Points
- Safewalk