

Urban Design Studio

EVDS 618 H(0-8)

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Introduction

This studio aims to further develop skills in conceptualization and visualization through consideration of contemporary urban design issues. It includes documentation and analysis of urban form and process, and explores site planning and design of the public realm. Issues of local and regional identity and sustainability inform the approach of the studio.

Objective

The learning objectives for this course are:

1. To gain knowledge and explore the qualities of good urban form with an emphasis on high quality public realm.
2. To develop a design process that includes a comprehensive site analysis which informs and substantiates design decisions
3. To develop an understanding of the design features of the built form that contribute to a quality public realm
4. To learn about the implications of brown field redevelopment and design
5. To develop a design proposal that demonstrates the knowledge gained in the research and analysis
6. To gain further experience in graphic thinking and communication as it relates to urban design

Content

This course is studio based and the approach focuses on experiential learning (learning by doing). The course will include two projects at two different scales. The first project will focus in a small commercial/mixed use neighbourhood node while the second project will be a regional destination site. These two projects will address similar issues, including:

- brown field development and site remediation
- historic evolution (natural and physical form evolution)
- existing community fabric, socio-demographic profile and NIMBY-ism
- morphology, infrastructure, land use and functional relationships
- economic feasibility and market demand

The design process in both projects will address:

- program development
- circulation, block pattern and block structure
- street design, street hierarchy and typology
- open spaces, trails and pathways design
- building massing

Both projects will be located in Calgary.

Schedule

WEEK 1 (8-11 September)

Course Introduction
Process, Form-Making and Qualities of Good Urban Form
Introduction of Projects and Site Selection
Site Remediation and Mixed Use Development

WEEK 2 (15-18 September)

Studio time - Site Analysis P1

WEEK 3 (22-25 September)

Project 1: Summary of Site Analysis Due
Studio time - Design proposal P1

WEEK 4 (29 September - 2 October)

Studio time - Design proposal P1

WEEK 5 (6-9 October)

Project 1: Design Proposal Due

WEEK 6 (13-16 October)

Blockweek - no classes

WEEK 7 (20-23 October)

Studio time - Site Analysis P2

WEEK 8 (27-30 October)

Site Visit
Studio time - Site Analysis P2

WEEK 9 (3-6 November)

Project 2: Summary of Site Analysis Due
Studio time - Design proposal P2

WEEK 10 (10-13 November)

Studio time - Design proposal P2

WEEK 11 (17-20 November)

Studio time - Design proposal P2
Project 2: Draft Design Proposal Due

WEEK 12 (24-27 November)

Studio time - Design proposal P2

WEEK 13 (1-4 December)

Studio time - Design proposal P2

WEEK 14 (8 December)

Studio time - Design proposal P2

WEEK 15 (14-18 December)

Project 2: Final Design Proposal Due - Date and time TBC

Evaluation

Evaluation will be based on the assignments completed during the term. There will be no final examination. The evaluation of each assignment will be based on the specific deliverables. For assignments 1 to 4 students will be assigned a neighbourhood in Calgary as the case study. The topic for Assignment 5 will be chosen by the student. All assignments will be individual work.

1. Project 1 Summary of Site Analysis	15%
2. Project 1 Design Proposal	20%
3. Project 2 Summary of Site Analysis	20%
4. Project 2 Draft Design Proposal	15%
5. Project 2 Final Design Proposal	30%
Total	100%

Any anticipated absence should be communicated to the instructor as soon as possible.

Each component of the course must be completed in order to pass the course as a whole.

Late submission of work is not acceptable, grades will be deducted for work submitted later than the deadline specified in the assignment brief or as discussed in class. One grade will be deducted per late day for example an A will be downgraded to A-.

Grading Scale

Final grades will be reported as letter grades, with the final grade calculated according to the 4-point range.

Grade	Grade Point Value	4-Point Range	Percentage	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.

Readings

There is no required textbook. The following are recommended resources:

- American Planning Association. **Planning and Urban Design Standards**. Wiley Graphic Standards, 2006
- Bullivant, Lucy. **Masterplanning Futures** Routledge, 2012
- Farrelly, Lorraine. **Drawing for Urban Design**. Laurence King 2011
- Kennen, Kate and Kirkwood, Niall. **Phyto Principles and Resources for Site Remediation and Landscape Design**. Routledge 2015
- Lukez, Paul. **Suburban Transformations** Princeton Architectural Press, 2007
- Neufert, Ernest, **Architects' Data**. Wiley-Blackwell, 2012
- Schwanke, Dean. **Mixed-Use Development Handbook**. Urban Land Institute 2001
- Thomas, Randall. **Sustainable Urban Design. An environmental approach**. Spon Press. 2003
- Van Lengen, Johan. **The Barefoot Architect**. Shelter Publications 2007

Notes:

1. Written work, term assignments and other course related work may only be submitted by e-mail if prior permission to do so has been obtained from the course instructor. Submissions must come from an official University of Calgary (ucalgary) email account.
2. Academic Accommodations. Students who require an accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a protected ground other than disability, should communicate this need, preferably in writing, to their Instructor or the designated contact person in EVDS, Jennifer Taillefer (jtaillef@ucalgary.ca). Students who require an accommodation unrelated to their coursework or the requirements for a graduate degree, based on a protected ground other than disability, should communicate this need, preferably in writing, to the Vice-Provost (Student Experience). For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/
3. Plagiarism - Plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Most commonly plagiarism exists when:(a) the work submitted or presented was done, in whole or in part, by an individual other than the one submitting or presenting the work (this includes having another impersonate the student or otherwise substituting the work of another for one's own in an examination or test),(b) parts of the work are taken from another source without reference to the original author,(c) the whole work (e.g., an essay) is copied from another source, and/or,(d) a student submits or presents work in one course which has also been submitted in another course(although it may be completely original with that student) without the knowledge of or prior agreement of the instructor involved. While it is recognized that scholarly work often involves reference to the ideas, data and conclusions of other scholars, intellectual honesty requires that such references be explicitly and clearly noted. Plagiarism is an extremely serious academic offence. It is recognized that clause (d) does not prevent a graduate student incorporating work previously done by him or her in a thesis. Any suspicion of plagiarism will be reported to the Dean, and dealt with as per the regulations in the University of Calgary Graduate Calendar.
4. Information regarding the Freedom of Information and Protection of Privacy Act (<http://www.ucalgary.ca/secretariat/privacy>) and how this impacts the receipt and delivery of course material
5. Emergency Evacuation/Assembly Points (<http://www.ucalgary.ca/emergencyplan/assemblypoints>)
6. Safewalk information (<http://www.ucalgary.ca/security/safewalk>)
7. Contact Info for: Student Union (<http://www.su.ucalgary.ca/page/affordability-accessibility/contact>); Graduate Student representative(<http://www.ucalgary.ca/gsa/>) and Student Ombudsman's Office (<http://www.su.ucalgary.ca/page/quality-education/academic-services/student-rights>).