



UNIVERSITY OF CALGARY

SCHOOL OF ARCHITECTURE, PLANNING AND LANDSCAPE

EVDA 582/ARST 444 – Studio II in Architecture

Dwelling in the City

6 units F(0-8), Winter 2020

(Mondays), Tuesdays, (Wednesdays), and Fridays, 14:00 -18:00 hrs. Room 2160

Instructors: Prof. Catherine Hamel, chamel@ucalgary.ca
Dr. Graham Livesey, livesey@ucalgary.ca (Coordinator)
TBD
Room 2160

COURSE DESCRIPTION

This is the second studio course in the Master of Architecture Program Foundation and ARST options. It examines formal, contextual, material, spatial, and social aspects of urban dwelling through the design of: 1) an object/furniture item/detail; 2) an urban dwelling unit; and 3) a medium-sized multi-use urban residential building (40 units).

The question of urban living is one of the most pressing challenges faces contemporary architects as city populations grow, and climate change continues to impact environments. Architecture cannot be considered independently of the city, this is seen in the work of architects as diverse as Le Corbusier, Aldo Rossi, and Thom Mayne. Too often, especially in North America, architects have not been involved in the problems of the city.

The urban dwelling, ranging from the micro-unit to the giant mansion, still constitutes the fabric of the city. Urban propositions must always address quality of life issues, even as ideas about density, social/political justice, technology, and economics proliferate. This studio provides an opportunity to learn about urban environments and housing design, and to innovate in these areas. Each studio section will follow the same basic set of requirements, but will use differing sites (neighbourhoods), programs, and approaches. Each section will address a different area of the city, and will consider themes such as affordability, social housing, entertainment/leisure, health care, etc.

This studio course will use of range of approaches including: desk reviews, formal reviews, informal lectures, fieldtrips, and workshop exercises. Each studio section instructor will provide detailed handouts during the semester.

COURSE LEARNING OUTCOMES

1. To develop design skills through the design of an object, a housing unit, and a medium-sized mixed-use project.
2. To develop abilities in design conceptualization and development, through massing, siting, program analysis, material assemblies, and processes.
3. To continue to develop skills in architectural representation, in parallel with the Graphics II course.
4. To develop dwelling and urban design approaches.
5. Learn about the performance of materials.

CACB STUDENT PERFORMANCE CRITERIA

The following CACB Student Performance Criteria will be addressed in the course:

Primary: A1. Design Theories, Precedents, and Methods, A2. Design Skills, A3. Design Tools, A4. Program Analysis, A8. Design Documentation

Secondary: B1. Critical Thinking and Communication, B3. Architectural Theory, B4. Cultural Diversity and Global Perspectives, C2. Materials

SCHEDULE AND ASSESSMENT COMPONENTS

January 13	Course Introduction, Selection of Studio Sections
January 13 – January 24	Project 1 (15%): Object/Furniture/Detail
January 27 – February 14	Project 2 (25%): Urban Domestic Unit
February 17 – 21	Reading Week
February 24 – March 6	Project 3a: Urban Analysis (15%)
March 9 – 13	Block Week
March 16 – April 15	Project 3b: Multi-Use Urban Building (35%)
April 21 – 23 (to be confirmed)	Final Reviews and Portfolio (10%)

ASSESSMENT AND EVALUATION INFORMATION

Students are expected to follow all assignments, to be present in studio on Tuesday and Friday afternoons (and as otherwise required by the schedule), and attend all lectures, field trips, and reviews. Students are expected to read any assigned readings.

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.

Studio Courses: include notes as appropriate, edit as per guidelines sent with this template: Students are expected to complete all course assignments on time. There will be no final exam. Students must obtain an overall passing grade to pass this course, however, if a student fails any phase of the course worth 30% or more they will fail the course. A student who feels that a piece of graded term work (term paper, essay, test, etc.) has been unfairly graded may have the paper re-graded. The student shall discuss the work with the instructor within **fifteen days** of being notified about the mark or of the item's return to the class. More information can be found in the Graduate Calendar: <http://www.ucalgary.ca/pubs/calendar/grad/current/gs-o.html>

LEARNING RESOURCES

Refer to section handouts.

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 FGS 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	

SPECIAL BUDGETARY REQUIREMENTS

The \$150 supplemental fees for all studio courses is charged to cover workshop costs of use and maintenance of hand tools, assorted power tools, CNC routers, laser cutters, 3D printers, and robotics.

UNIVERSITY OF CALGARY POLICIES AND SUPPORTS

ACADEMIC ACCOMMODATION: Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; 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/. 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. The full policy on Student Accommodations is available at <http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf>.

ACADEMIC MISCONDUCT: 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, (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. Any suspicion of plagiarism will be reported to the Dean, and dealt with as per the regulations in the University of Calgary Graduate Calendar. For information on academic misconduct and its consequences, please see the University of Calgary Calendar at <http://www.ucalgary.ca/pubs/calendar/current/k.html>

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.

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.

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://ucalgary.ca/student-appeals/>

More student support and resources (e.g. safety and wellness) can be found here:
<https://www.ucalgary.ca/registrar/registration/course-outlines>