

**Manager:** Catherine Hamel **Winter 2014**  
**Instructors:** Judith MacDougal, Jeremy Sturgess [with Kevin Harrison]  
Tony Leong, Catherine Hamel

**Introduction**

Ecologies 2 concentrates on social, communal, and political aspects of human influenced ecological systems with an emphasis on the single dwelling unit (individual/family living patterns) and urban scale ecologies (collective living patterns). The course focuses not only on elements of space and architecture, but also on social organizational systems (programmatic content, performance, phenomena, social ecologies, occupation, and information) that inform design decisions and environments.

**Objectives**

Primary

1. To develop an Ability to employ appropriate representational media to convey essential formal elements at each stage of the programming and design process.
2. To gain an Understanding of the diverse needs, values, behavioral norms, and social/spatial patterns that characterize different cultures and individuals, as well as the implications of this diversity on the societal roles and responsibilities of architects.
3. To develop an Ability to apply basic organizational, spatial, structural, and constructional principles to the conception and development of spaces, building elements, and tectonic components.
4. To develop an Ability to analyze and respond to context site conditions in the development of a program and in the design of a project.

Secondary

5. To develop an Ability to prepare a comprehensive program for an architectural project that accounts for client and user needs, appropriate precedents, space and equipment requirements, the relevant laws and standards, and site selection and design assessment criteria.
6. To develop an Ability to apply the principles of sustainable design to produce projects that conserve natural and built resources, provide healthy environments for occupants/users, and reduce the impacts of building construction and operations on future generations.
7. To gain an Understanding of the ethical issues involved in the formation of professional judgment regarding social, political and cultural issues in architectural design and practice.

**Teaching Approach**

The course is conducted as a design studio with four sections. All sections will follow a common schedule of projects and deliverables. Interim and final reviews will be coordinated events including all of the sections. Each instructor is responsible for establishing the specific pedagogy of their section within the boundaries of the overall course description.

Students are expected to attend all studio meetings and to meet with their assigned studio instructors on a regular basis to review progress, discuss matters related to the project, provide feedback, and give direction.

The course is designed to coordinate with Graphics Workshop II (EVDA543) as well as Building Science and Technology I (EVDA511).

## PROJECTS

1. The Room
2. The Single Dwelling
3. The Multiple Dwelling

## suggested dates –subject to change

Final Project Presentation: Jan. 24  
Final Project Presentation: Feb. 14  
Interim Project Presentation: March 21  
**Final Project Presentation: TBA after April 17**

A final portfolio containing all three projects will be submitted no later than two days after the final project review.

Each section's studio instructor will issue a more detailed set of requirements such as site information, programmatic requirements, and process related to the particular project you will be working on.

## Means of Evaluation

The course evaluation will be based on the projects completed during the term.

There will be no final examination.

Project 1: 15%

Project 2: 30%

Project 3: 50%

Portfolio: 5 %

**Total: 100%**

## Readings

Each section's studio instructor will issue a specific reading list as required for their projects.

## Course Expectations and Evaluation

Students are expected to complete studio projects by the assigned date, pinned up and ready to start at the beginning of the scheduled class time. Students will be expected to attend field trips, lectures and present their work to the group and to participate in class discussion. Evaluation of the studio projects forms 100% of the course grade, as outlined in the Content: Outline Course Descriptions.

## Grading System

Letter Grade	4-Point Scale	4-Point Range	Percent	Description
A+	4.00	4.00	92.5-100	Outstanding - evaluated by instructor
A	4.00	3.85-4.00	85-92.49	Excellent - superior performance showing comprehensive understanding of the subject matter
A-	3.70	3.50-3.84	80-84.99	Very good performance
B+	3.30	3.15-3.49	76-79.99	Good performance
B	3.00	2.85-3.14	73-75.99	Satisfactory performance
B-	2.70	2.50-2.84	70-72.99	Minimum pass for students in the Faculty of Graduate Studies
C+	2.30	2.15-2.49	66-69.99	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	63-65.99	
C-	1.70	1.50-1.84	60-62.99	
D+	1.30	1.15-1.49	56-59.99	
D	1.00	0.50-1.14	50-55.99	
F	0.00	0-0.49	0-49.99	

Note: A student who receives a B- or lower in two or more courses will be required to withdraw regardless of their grade point average unless the program recommends otherwise. Individual programs may require a higher minimum passing

#### 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.
2. It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 220-8237. (<http://www.ucalgary.ca/drc/node/46>) Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.
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/su-structure/contact-info>); 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>).