

# *Environmental* **DESIGN**

architecture + landscape architecture + planning

## **EVDS 683.84 H (3-0)**

**Faculty of Environmental Design / University of Calgary**

**2018 Winter** (draft updated 22 December 2017)

**Landscape Architecture for the New North**

**Wednesday mornings** (note: as the field study is an intensive period of study, the Calgary classes will be held only as required to prepare and to process the material post-trip)

**Teaching Team** Dr. Beverly A. Sandalack, Norway teaching team tba

**Contact Information** PF 3102 (office) or PF 3201 (Urban Lab), 403 220 4517 (office), 403 615 4655 (mobile) [sandalack@ucalgary.ca](mailto:sandalack@ucalgary.ca)

## **Introduction**

This course is intended to provide students in the final year of the landscape architecture program in EVDS (and other students only as approved by the program) with an opportunity to consider northern landscape architecture issues, and to explore and learn from the built and natural landscapes of Norway, particularly Oslo and Tromsø. Topics of concern include the impact that climate change is having on landscapes, cultures, and societies, and the leadership role that the profession of landscape architecture should play. The first part of the course includes an introduction to the course and to northern landscape architecture issues. The field study portion is the primary means of learning, and consists of lectures, site visits in Oslo and Tromsø, and studio exercises and collaborations with counterparts in Oslo and Tromsø programs. The post-field study portion of the course will allow students to integrate their research and Norway studies into their studio projects, and to prepare written and graphic documents reflecting their studies and experiences in Norway.

The collaborating institutions are the Oslo School of Architecture (NO-AHO) Institute of Urbanism and Landscape, and the Tromsø Academy of Landscape and Territorial Studies, the Arctic University of Norway (UiT).

## **Objectives**

Students will be expected to gain knowledge and skills regarding:

- planning and design in northern environments, learning from the context of Oslo and Tromsø, Norway
- social and cultural considerations of northern environmental design
- public realm strategies in winter cities
- settlement forms in the north (density, intensity, building types, landscape types)
- specific design strategies utilized in Norway
- research methods and research design appropriate to the topics selected

and to be able to apply the knowledge and skills in their senior studio project in Calgary.

## Teaching Approach

The course will consist of lectures, discussions, individual and collaborative work in Calgary; and lectures, site visits, individual and collaborative work in Norway. The field study tentative itinerary is listed below, to be confirmed in coordination with our colleagues in Norway. Students are responsible for making arrangements for their own air travel to and within Norway. Other arrangements (accommodation, site visits, etc.) will be made in conjunction with Norway colleagues.

### DRAFT Class Schedule (note that this schedule is tentative and may be revised)

Day	Date	Location	Logistic Comments
0	7Feb	Calgary	Depart from Calgary
1	8Feb	Oslo	Arrive Oslo, settle into accommodation
2	9Feb	Oslo	Orientation at AHO, program introductions and overview, lectures including overview of Norway and landscape architecture issues. Discussions re: winter city issues, landscape architecture approaches. Site visits to areas adjacent to AHO, including Vulkan mixed use redevelopment office visits in nearby areas
3	10Feb	Oslo	Site visits including Oslo waterfront and Opera House, Aker Brygge, Sorenga, Presidential parks sector, "barcode" area, and overall public realm and public transit network
4	11Feb	Oslo-Tromso	Travel and settle in to Tromso accommodation
5	12Feb	Tromso	Workshop / site visits
6	13Feb	Tromso	Workshop / site visits
7	14Feb	Tromso	Workshop / site visits
8	15Feb	Tromso	Workshop / site visits
9	16 Feb	Tromso	Workshop / site visits
10	17Feb	Tromso	Workshop conclusion (if needed)
11	18Feb	Tromso	Depart Tromso

Student evaluation in this course will be based on the work completed during the term. A passing grade in all three course components are essential in order to pass the course as a whole. There will not be a final examination. Writing and the grading thereof is a factor in the evaluation of the work. Attendance will be a factor in this course, as most learning will take place in situ and with speakers and collaborators in Calgary and Norway. Students are therefore expected to attend all sessions.

Tromso workshop process and presentation (individual work will be worth ½ of this component, group work will be ½)	60%
Post-trip text and graphic documents (due date to be determined) (individual work will be worth ½ of this component, group work will be ½)	30%
Attendance in Calgary and Norway sessions (marks will be deducted for missed or late attendance at sessions)	10%

**TOTAL**  
**Grading Scale**

**100%**

All course components will be evaluated in terms of letter grades. Final grades will be reported as letter grades, with the grade point value as per column 2. Final grades shall be calculated according to the 4-point range in column 3.

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	

Notes:

- 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.

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 segment of the course worth **10%** or more they will fail the course. A student who feels that a piece of graded term work has been unfairly graded may have the work 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>

**Readings**

Students are encouraged to become familiar with the following, and with other publications dealing with Norway, Arctic planning and design, and extreme climates. Additional readings will be proposed.

Norberg-Schulz, Christian (1979) *Genius Loci: Towards a Phenomenology of Architecture* (NY: Rizzoli)

Norberg Schulz, Christian (1996) *Nightlands: Nordic Building* MIT Press

## Special Budgetary Requirements

Arrangements for travel are the responsibility of each student. It is assumed that all students will make every effort to obtain a University of Calgary Travel Grant (if eligible). This year, funding is in place so that all student costs will be able to be fully reimbursed. The assumptions are that all air travel will be the most economical options available, accommodation in Norway will be as billets with Norwegian students (to be arranged with our hosts), and most meals will be self-catered at the university facilities. Other reasonable expenses will be considered for reimbursement (e.g. taxi). Costs of site visits in Norway will be covered by the grants dedicated to this course and therefore there will not be student expenses for normal travel, accommodation, meals, and related items.

Required base maps and air photos will be provided, or will be available from the SANDS Centre or on-line, and any additional information and associated costs will be at the discretion of the student. Students should have basic drawing tools (pencils, a small selection of markers, scales, sketch rolls, other paper, a small cutting mat, knife, and drafting tape, and a small selection of pencil crayons will be useful). Some costs for plotting, printing and model making should be anticipated, as per the typical studio/course practice in EVDS.

### 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 ([jtallef@ucalgary.ca](mailto:jtallef@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/](http://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 (<https://www.su.ucalgary.ca/contact/>); Graduate Student representative(<http://www.ucalgary.ca/gsa/>) and Student Ombudsman's Office (<http://www.ucalgary.ca/ombuds/>).