

Environmental **DESIGN**

architecture + landscape architecture + planning

Faculty of Environmental Design Course Outline

University of Calgary / Faculty of Environmental Design

Urban Systems
M/W 3:00-6:00, MOB and on-site field studies

EVDS 675 H(3-0)

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MOB, hours by appointment

Fall 2018

Introduction

The course covers conceptual frameworks for environmental design based on This seminar offers a comprehensive overview of the city's urban and architectural history, from the Roman founding to the contemporary era. Lectures and field studies follow a chronological sequence in order to highlight the inter-relation of urban design strategies, landscape and public space projects with cultural, economic and political programs. An important theme of the seminar will be to explore urban regeneration projects that reconfigure historic sites and neighborhoods.

The focus will be on traditional and contemporary public spaces in the city. For the last 30 years Barcelona has been an important center for debate about public space. The city presents a wide array of historic but also contemporary case studies for exploring the civic realm, new definitions of landscape, Mediterranean density and hybrid public spaces that combine logistical and infrastructural issues with public space perspectives from the humanities, natural and social sciences; theories of 'ways of knowing'; theories of paradigms; and emerging contemporary thought. The relationships among design, aesthetics and ethics provide an underlying theme for exploring and discussing historical and contemporary understandings and approaches to design.

Objectives – Course Learning Outcomes

1. To understand historic and contemporary issues affecting urban development, quality and city life.
2. To develop skills and ability to conduct critical research and comparative analysis of past and current urban and architectural initiatives with other case studies.
3. To understand broader social, political, economic, and design impulses underlying urban transformation.
4. To develop the skills, techniques & vocabulary to describe, analyze and understand urban form and its evolution
5. To critically review theories, methods and concepts in urban design.
6. To be able to critically analyze urban form.
7. To be able to articulate a personal approach to urban design.

Teaching Approach

The class will meet one or two times weekly from September 5 to October 17 on Monday and Wednesday afternoons at 3:00 in 3 hour-long sessions. A final double-length session will be on October 17. This will be dedicated to presentations. Please check the calendar and syllabus for days, times and meeting points since these vary. The course alternates in-class lectures with field-trips to important sites. Some of the sessions will have time allotted for meetings and critique with student groups to develop a public space analysis project.

Content: Topic Areas & Detailed Class Schedule

1. Wednesday September 5

Introduction to the course and presentation of project topics.

Barcelona's urban evolution from the Roman origins to the 19th century Expansion

2. Wednesday September 12

Field Study: Ciutat Vella: The historic city center and its regeneration

Meeting Point: In front of the Santa Caterina Market

Raval Area, Gothic Area, Ribera. Special focus on urban regeneration and the reuse of existing buildings. The creation of new institutions and the problems of gentrification and tourism.

3. Monday September 17

Expansion and the 1888 World Exposition. The Catalan Renaissance and Modernisme.

Ildefons Cerdà's Eixample Plan. The cultural and political context of Catalan art nouveau.

The major practitioners (Gaudí, Domènech i Montaner, Puig i Cadafalch).

Project groups chosen and first meeting.

4. Wednesday September 19

Field Study to Colonia Güell

Meeting Point at Plaça Espanya to the right of the brick towers as you look up at Montjuic.

5. Monday Oct. 1

Field Study: Montjuic

Meeting Point: The Jardí Botànic

The significance of the 1929 World Exhibition Structures, Botanic Garden, Olympic Ring, Mies van der Rohe Pavilion, Caixa Forum.

6. Wed. Oct. 3

The city in the Franco era. The transition. The Barcelona Model. The Olympic city.

Comparison with the Bilbao effect.

Progress meeting for each group by request

7. Monday October 8

Field Study: Post-Industrial Barcelona

Forum 2004, Diagonal Mar Park, Poble Nou Park, 22@ àrea, Glòries

Meeting point: Metro Yellow L4 Maresme/Forum exit Rambla del Prim

8. Wed. October 10

Field Study: The Periphery

Vall de Hebron, Laberinth to Parc Central

Meeting Point: L3 Green Line Metro. Mundet exit on Mountain side

9. Monday October 15
Contemporary issues. Memory, Conflict and Activism, and Overtourism.
Project progress meetings

11, 12. Wednesday October 17 Double Session
PRESENTATIONS

Means of Evaluation

Projects for Urban Systems

Students, working in pairs will analyze different types of public spaces in Barcelona according to different periods and themes. They should conduct empirical research as well as the history of the sites. Please see the project description included in the course packet for full information. Over the semester students will work towards creating a final analysis project in the form of an A4 landscape pdf booklet that includes text, diagrams, photos, and plans.

This work will also form the basis of a 15 to 20 minute oral presentation. The final work will be handed in by email or google drive on November 10th .

Stages of the project.

Process Work: Collecting, Gathering, Researching 20%

Presentation: 30%

Final Booklet: 50%

Total: 100%

Important Dates:

Wednesday Sept. 5: Introduction to the problem

September 17t: Groups and topics chosen. First meeting with instructor

October 4: Progress review by request

October 15: Progress meetings with groups

October 17: Final Presentation. Each group has approximately 20 minutes to present and 10 for feedback.

November 10th : Hand in Booklets taking into account feedback.

Assessment criteria for the project

Consistent development from research to analysis to final work.

Clear structure.

Compelling research questions.

Strong introduction, body of work and critical conclusions.

Makes use of different forms of media (photographs, diagrams, maps, video) with a clear graphic hierarchy and organization.

Creative and Analytical approach, ending in a personal outlook.

Critical thinking address the lessons learnt from the project across time, place and travels.

Fulfillment of basic analysis methodology

Cross-cultural thinking that relates to bigger contemporary issues of architecture and urbanism.

Grading Scale

Faculty shall use the following methods for reporting grades and for determining final grades. Final grades shall 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.

Should faculty members evaluate any individual exams or assignments by percentage grades, the equivalents shown in column 4 shall be used.

Students must be informed of the method of calculation, and should be able to, from the grades provided by the instructor, determine their standing.

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	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.

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 X% 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>

Readings

Required and recommended readings will be available on google drive.

Session 1 Required Reading:

1. Busquets, Joan. "From its origins to capital of the medieval Mediterranean." In *Barcelona: The Urban Evolution of a Compact City*. Cambridge: Harvard College, 2005, pp. 23-55.
2. Busquets, Joan "From the urbanisation of the Raval to the start of industrialisation". In *Barcelona: The Urban Evolution of a Compact City*. Cambridge: Harvard College, 2005, pp. 57-97.

Session 2 Required Reading:

1. Subirats, Joan and Rius, Joachim. *From the Xino to the Raval*. Barcelona: Centre of Contemporary Culture of Barcelona. 2006. pp. 1-29.

Session 3 Required Reading:

1. Busquets, Joan. "The Cerdà Plan, A Pioneering Work in Modern Urban Planning" in *Barcelona: The Urban Evolution of a Compact City*. Cambridge: Harvard College, 2005, pp 122-142.
2. Busquets, Joan. "Barcelona city of innovation". In *Barcelona: The Urban Evolution of a Compact City*. Cambridge: Harvard College, 2005. pg 122-142 and pp 151-176.
3. Hughes, Robert. "The Hermit in the Cave of Making in Barcelona" in *Barcelona*. Vintage 1992. pp 373-464.

Session 4 Required Reading:

1. Busquets, Joan. "The Turn of the Century and Greater Barcelona" in *Barcelona: The Urban Evolution of a Compact City*, Cambridge: Harvard College, 2005. pp: 189-196 and 204-228.

Session 5 Required Reading:

1. Busquets, Joan. "The Barcelona of a Million Inhabitants. The Gatspac and the Functional City" in *Barcelona: The Urban Evolution of a Compact City*, Cambridge: Harvard College, 2005. pp: 248-263.
2. Nico Calavita and Amador Ferrer. "Behind Barcelona's Success Story-Citizen Movements and Planner's Power. in Marshall, Tim, ed. *Transforming Barcelona*. London: Routledge, 2003. pp- 47-63

Recommended Reading:

1. Alix, Josefina. "From War to Magic: The Spanish Pavillion Paris 1937", in *Barcelona and Modernity: Picasso, Gaudi, Miro, Dali*. Ed. Robinson, William H., Falgàs Jordi, Lord, Carmen Belen. Yale University Press, 2006. Pp. 450-457
2. Lejeune, Jean-François. "The Modern and the Mediterranean in Spain. Sert, Coderch, Bohigas, de la Sota, del Amo". In *Modern Architecture and the Mediterranean. Vernacular Dialogues and Contested Identities*. London 2010. pp. 65-93.

Session 7 Required Reading:

1. Montaner, Josep Maria. "The Evolution of the Barcelona Model (1973-2004)." In *Critical Files. The Barcelona Model 1973-2004*. Barcelona: Ajuntament de Barcelona and Department of Architectural Composition of the ETSAB. pp. 11-26.
2. Busquets, Joan. "Barcelona's Recovery in the Eighties. Urban Development in the Form of Projects, Programmes and Strategies" in *Barcelona : The Urban Evolution of a Compact City*. Cambridge: Harvard College, 2005. Pp. 343-409.

3. Kligman, Anna. "Beyond Bilbao". In *Brandscapes: Architecture in the Experience Economy*. Cambridge: MIT Press. 2007. pp. 237-253.

Recommended Reading

1. Nuria Benach. "Public Spaces in Barcelona 1980-2000" in Marshall, Tim. ed. *Transforming Barcelona*. London: Routledge, 2003, pp 151- 159.

Session 8 Required Reading:

1. Ingrosso, Chiara. "The City in the Global Economy 1993-2015" In *Barcelona: Architecture, City and Society 1975-2015*. Torino: Skira, 2011. pp. 99-169.
2. Frampton, Kenneth. "Towards a Critical Regionalism: Six Points for an Architecture of Resistance." In *The Anti-Aesthetic. Essays on Postmodern Culture*. Ed. Foster, Hal. Seattle: Bay Press. 1983. pp.16-30.
3. Waldheim, Charles. "Landscape Urbanism: A Genealogy". In *Praxis* 4 October 2002. pp.12-17.

Session 9 Required Reading:

1. Mari Paz Balibrea. *Urbanism, culture and the post-industrial city: Challenging the Barcelona Model*" in Marshall, Tim ed. *Transforming Barcelona*. London: Routledge, 2003, pp. 205-224

Session 10 Required Reading:

1. Milano, Claudio. "Overtourism and Tourismphobia: Global trends and local contexts." *Technical Report of the Ostelea School of Tourism and Hospitality*, 2018. pp 1-46.
2. García García, Miriam. "Spanish coastal landscapes after speculative tsunami." In Ed. Arana, Juan and Franchini, Teresa, *Strategies for the Post-speculative City*. Association of European Schools of Planning. pp. 83-94.
3. De la Peña, David. "Participation and activism; the case of Can Batlló." In *Critical Files. The Barcelona Model 1973-2004*. Barcelona: Ajuntament de Barcelona and Department of Architectural Composition of the ETSAB. Pp. 277-286.

Recommended Reading

1. Wilson, Rob. (text) Shulz-Dornburg, Julia (photo essay). "Modern Ruins: a Topography of Profit." in *Uncube Magazine*. No. 9. *Constructing Images*. Pp. 39-56. <http://www.uncubemagazine.com/sixcms/detail.php?id=9030109&articleid=art-1366017474631-27#!page40>
2. *Aftermath*: http://toormix.com/es/project/aftermath_catalonia-in-venice-2016/
3. *Unfinished*: <http://unfinished.es/en/>

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. Appeals: 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:
<http://www.ucalgary.ca/provost/students/ombuds/appeals>
5. Information regarding the Freedom of Information and Protection of Privacy Act (<https://www.ucalgary.ca/legalservices/foip>)
6. Emergency Evacuation/Assembly Points (<http://www.ucalgary.ca/emergencyplan/assemblypoints>)
7. Safewalk information (<http://www.ucalgary.ca/security/safewalk>)
8. Contact Info for: Student Union (<https://www.su.ucalgary.ca/contact/>); Graduate Student representative(<https://gsa.ucalgary.ca/about-the-gsa/gsa-executive-board/>) Student Union Wellness Centre: <https://www.ucalgary.ca/wellnesscentre/>; Library Resources: <http://library.ucalgary.ca/> and Student Ombudsman's Office (<http://www.ucalgary.ca/ombuds/>).