

Architecture - Urban (ARCU)

Architecture - Urban (ARCU) Courses

ARCU 2100 [0.5 credit]

Special Topics in Urbanism

Seminar in selected topics related to Urbanism at an introductory level.

Lecture and discussion three hours per week.

ARCU 3100 [0.5 credit]

The Morphology of the City

Primary structural, spatial and formal organization and elements that characterize the morphology of cities; historical and contemporary significance for architecture and urban design. (Core).

Prerequisite(s): First-year standing in the B.A.S. Urbanism major, second or third-year standing in other B.A.S. majors, or permission of the School.

Lecture two hours a week and tutorial one hour a week.

ARCU 3203 [0.5 credit]

Landscape Architecture

Practical significance of landscape elements as they relate to built-form by integrating structure and site. (Workshop).

Prerequisite(s): permission of the School.

Lecture, seminar, lab or field work six hours a week.

ARCU 3405 [0.5 credit]

Urban Design

Project-based workshop investigating current design attitudes and solutions affecting the physical morphology of cities. Formally sophisticated urban design projects. Various procedures and basic urban design ideas. (Workshop).

Includes: Experiential Learning Activity

Prerequisite(s): permission of the School.

Lecture, seminar, lab or field work six hours a week.

ARCU 3409 [0.5 credit]

City Organization and Planning Processes

Interdisciplinary investigation, analysis and synthesis of the institutions, processes, environments and demography of Canadian cities. Guest lecturers. (Workshop).

Includes: Experiential Learning Activity

Prerequisite(s): permission of the School.

Lecture, seminar, lab or field work six hours a week.

ARCU 3902 [0.5 credit]

Urban Studies

A specific aspect of architecture in the area of urban studies. Topics vary from year to year. (Workshop).

Includes: Experiential Learning Activity

Precludes additional credit for ARCU 4103.

Prerequisite(s): permission of the School.

Lecture, seminar, lab or field work six hours a week.

ARCU 4103 [0.5 credit]

Cities

Course addresses cities such as Istanbul, Mexico City, Venice, Paris, Ottawa, Mumbai, and New Orleans.

Topics presented by the instructor and guests include environmental resilience and climate change; social justice and informal settlement; smart cities and data privacy; and urban design, memory, and imagination.

Precludes additional credit for ARCU 3902.

Prerequisite(s): Second-year standing or permission of the Instructor.

Lecture two hours per week and tutorial one hour per week.

ARCU 4300 [0.5 credit]

History of Theories of Urbanism

Theories of urbanism throughout history; emphasis on schools of post-WWII academic thought. The impact of Marxist theory, location and systems theory; the expanding array of models, tools and techniques that have contributed to various theorizations of urbanism.

Prerequisite(s): ARCU 3100.

ARCU 4400 [0.5 credit]

City Organization and Planning

Structure, form and functioning of cities. Infra-structure, facilities and networks, ecosystems, demographic and social organization, government, quality of life, goals and perceptions, urban management, development, regulation and codes, design, planning and policy-making. (Elective Course).

Precludes additional credit for ARCU 3400.

Three hours a week.

ARCU 4500 [0.5 credit]

Human Shelter

Background factors pertaining to housing in both industrial and developing countries; traditional and contemporary housing approaches; social housing; and people's right to adequate housing. Guest lecturers. (Elective Course).

Precludes additional credit for ARCU 3500.

Three hours a week.

ARCU 4600 [0.5 credit]

Post-WWII Urbanism

Urban renewal in the post-war period in response to housing shortages, suburbanization, transportation infrastructure and other factors. Gentrification and the emerging form of the post-industrial city, including new urbanism and sustainable communities. Case studies from Canada, Europe and the U.S. (Theory/History Elective).

Prerequisite(s): ARCU 3100 and third or fourth-year standing in the B.A.S. Urbanism program or permission of the School.

Lectures three hours a week.

ARCU 4700 [0.5 credit]**Urban Utopias**

Urban utopias throughout history, with emphasis on the 20th century. Garden Cities, anti-urbanism and radical decentralization, the city in the region, Italian Rationalist cities, Le Corbusier and CIAM, post-WWII New Towns (England, Scandinavia and the US), Sustainable Urbanism.

Prerequisite(s): third or fourth-year standing in B.A.S.

Urbanism program or permission of the School.

Lectures three hours a week.

ARCU 4801 [0.5 credit]**Topics in Urbanism**

Advanced seminar in selected topics related to urbanism.

Topics may include histories and theories related to urban systems, design, and planning. (Core course).

Prerequisite(s): third-year standing in B.A.S. (Urbanism) or permission of the Instructor.

Seminar three hours per week.

ARCU 4808 [0.5 credit]**Independent Study**

(Elective Course).

Includes: Experiential Learning Activity

ARCU 4901 [0.5 credit]**Topics in Applied Urbanism**

Advanced investigation into issues related to urbanism and urban form. Topics will vary from year to year.

Includes: Experiential Learning Activity

Prerequisite(s): fourth-year standing in B.A.S. (Urbanism) or permission of Instructor.

Lecture three hours per week.