

# Honours Urban Systems (60 credits)

**Offered by:** Geography    **Degree:** Bachelor of Arts

## Program Requirements

In addition to the Faculty of Arts requirement that Honours students maintain a minimum CGPA of 3.00, students in a Geography Honours program must maintain a program GPA of at least 3.30 and complete a 6-credit Honours thesis. Honours students are encouraged to participate in 500-level seminars with graduate students. For students in the Honours Urban Systems, the total number of credits permitted outside Arts and Science is 30. Faculty of Arts regulations about "Courses Outside the Faculties of Arts and of Science" may be found with the Arts guidelines for "Course Requirements".

### Required Courses (21 credits)

- [GEOG 201 Introductory Geo-Information Science \(3 credits\)](#)
- [GEOG 217 Cities in the Modern World \(3 credits\)](#)
- [GEOG 351 Quantitative Methods \(3 credits\)](#)
- [GEOG 381 Geographic Thought and Practice \(3 credits\)](#)
- [GEOG 491D1 Honours Research \(3 credits\)](#)
- [GEOG 491D2 Honours Research \(3 credits\)](#)
- [GEOG 494 Urban Field Studies \(3 credits\)](#)

### Complementary Courses (39 credits)

39 credits selected as follows:

#### Statistics

3 credits from:

Note: Credit given for statistics courses is subject to certain restrictions. Students should consult the "Course Overlap" information in the "Course Requirements" section for the Faculty of Arts.

- [BIOL 373 Biometry \(3 credits\)](#)
- [GEOG 202 Statistics and Spatial Analysis \(3 credits\)](#)
- [MATH 203 Principles of Statistics 1 \(3 credits\)](#)
- [PSYC 204 Introduction to Psychological Statistics \(3 credits\)](#)
- [SOCI 350 Statistics in Social Research \(3 credits\)](#)

## Geography

12 credits from the following Geography (GEOG) courses:

\* Students can choose one only from [GEOG 210](#), [GEOG 216](#), and [GEOG 221](#).

- [GEOG 203 Environmental Systems \(3 credits\)](#)
- [GEOG 210 Global Places and Peoples \(3 credits\) \\*](#)
- [GEOG 216 Geography of the World Economy \(3 credits\) \\*](#)
- [GEOG 221 Environment and Health \(3 credits\) \\*](#)
- [GEOG 303 Health Geography \(3 credits\)](#)
- [GEOG 307 Socioeconomic Applications of GIS \(3 credits\)](#)
- [GEOG 311 Economic Geography \(3 credits\)](#)
- [GEOG 315 Urban Transportation Geography \(3 credits\)](#)
- [GEOG 316 Political Geography \(3 credits\)](#)
- [GEOG 325 New Master-Planned Cities \(3 credits\)](#)
- [GEOG 331 Urban Social Geography \(3 credits\)](#)
- [GEOG 525 Asian Cities in the 21st Century \(3 credits\)](#)

18 credits from the following courses:

## Architecture

Although Architecture courses have prerequisites, they are waived for Urban Systems students, but the course may not be taken before the year indicated:

U2 - [ARCH 378](#)

U3 - [ARCH 515](#), [ARCH 517](#), [ARCH 527](#), [ARCH 528](#), [ARCH 529](#), [ARCH 550](#), [ARCH 561](#), [ARCH 562](#), [ARCH 564](#), [ARCH 566](#)

Note: [ARCH 550](#) has the same content as [CIVE 433](#) but requires an additional project.

- [ARCH 378 Site Usage \(3 credits\)](#)
- [ARCH 515 Sustainable Design \(3 credits\)](#)
- [ARCH 517 Sustainable Residential Development \(3 credits\)](#)
- [ARCH 527 Civic Design \(3 credits\)](#)
- [ARCH 528 History of Housing \(3 credits\)](#)
- [ARCH 529 Housing Theory \(3 credits\)](#)
- [ARCH 550 Urban Planning and Development \(3 credits\)](#)
- [ARCH 561 Affordable Housing Seminar 1 \(3 credits\)](#)
- [ARCH 562 Innovative Homes and Communities \(3 credits\)](#)

- ARCH 564 Design for Development (3 credits)
- ARCH 566 Cultural Landscapes Seminar (3 credits)

## **Art History & Communication Studies**

- COMS 425 Urban Culture & Everyday Life (3 credits)

## **Civil Engineering**

Note: CIVE 433 has the same content as ARCH 550, but has limited enrolment and departmental permission is required.

- CIVE 433 Urban Planning (3 credits)
- CIVE 540 Urban Transportation Planning (3 credits)

## **Geography**

- GEOG 504 Industrial Restructuring - Geographic Implications (3 credits)
- GEOG 507 Advanced Social Geography (3 credits)
- GEOG 511 Advanced Political Geography (3 credits)
- GEOG 512 Advanced quantitative methods in social field research (3 credits)

## **History**

- HIST 353 History of Montreal (3 credits)
- HIST 397 Canada: Ethnicity, Migration (3 credits)

## **Management**

- FINE 445 Real Estate Finance (3 credits)

## **Political Science**

- POLI 318 Comparative Local Government (3 credits)
- POLI 321 Issues: Canadian Public Policy (3 credits)
- POLI 337 Canadian Public Administration (3 credits)

## **Sociology**

- SOCI 230 Sociology of Ethnic Relations (3 credits)
- SOCI 333 Social Stratification (3 credits)

- SOCI 388 Crime (3 credits)

## **Urban Planning**

- URBP 201 Planning the 21st Century City (3 credits)
- URBP 501 Principles and Practice 1 (2 credits)
- URBP 504 Planning for Active Transportation (3 credits)
- URBP 505 Geographic Information Systems (3 credits)
- URBP 506 Environmental Policy and Planning (3 credits)
- URBP 530 Urban Environmental Planning (3 credits)
- URBP 536 Current Issues in Transportation 1 (2 credits)
- URBP 537 Current Issues in Transportation 2 (2 credits)
- URBP 556 Urban Economy: A Spatial Perspective (3 credits)

## **Remaining Courses**

6 credits must be taken at or above the 300 level.

Courses may be selected from the lists above or from outside the program in consultation with the student's adviser.

