

Economics examines how a country's wealth and resources are used to meet the needs of its citizens. It focuses on the production, distribution and consumption of goods and services. Two important themes are efficiency (the absence of waste in the use of resources) and equity. Economics is empirically oriented: it uses the tools of statistical and econometric analysis to test theoretical predictions against economic data.

Economics is divided into two interrelated branches. Macroeconomics deals with the economy as a whole and examines the factors that determine national output and employment levels, as well as interest rates, exchange rates and the rate of inflation. Microeconomics deals with the behaviour of individual economic agents—such as consumers, firms, investors and governments—and involves the study of, among other things, how prices and quantities are determined in a given market.

UNDERGRADUATE STUDIES

The Economics program at the University of Ottawa leads to an honours bachelor's degree, which requires the equivalent of four years of university studies and 120 credits (40 courses).

Bachelor's degrees

- Honours BSocSc with Major in Economics^{C FI}
- Honours BSocSc with Specialization in Economics^{C FI}
- Joint Honours BSocSc in Economics and Political Science^{C FI}
- Joint Honours BSocSc in Mathematics and Economics^C

Minor

- Minor in Economics

^C: Co-operative education program available.

^{FI}: French Immersion Stream available.

Language of instruction

All programs are offered in English and in French.

Career opportunities

- Economist
- Market analyst
- Financial analyst
- Industrial or economic development officer
- International development officer
- Export and import advisor
- Financial advisor
- Financial broker

What can I do with my studies?

(www.sass.uOttawa.ca/careers/studies) is a tool that provides information on career opportunities in economics.

ADMISSION

See the **Admission** section for deadlines and general admission requirements specific to students from each Canadian province and territory.

Program-specific admission requirements

In addition to the general admission requirements, a CEGEP calculus and vectors course or the high school Calculus and Vectors 4U course is strongly recommended. It is also possible

to take MAT1339 Introduction to Calculus and Vectors once you are admitted to the University of Ottawa. MAT1339 is a prerequisite for MAT 2000-level courses.

Co-operative Education (CO-OP)

Students can apply for direct admission to the CO-OP stream when applying for regular admission to the University of Ottawa. Admission to CO-OP is on a competitive basis. Students must have a minimum average of 80% (75% for

CEGEP students). They can also apply to the CO-OP stream once they have begun their studies (requirements vary from program to program). See page 2-3 for more information.

French Immersion Stream

The French Immersion Stream allows students to improve their French by taking university courses in French within their program. Within this stream, students have access to a wide variety of resources and personalized language support. To be accepted into the Immersion Stream, candidates must have been in a French immersion program, in extended French or in

core French in an English-language high school or CEGEP, and pass the University of Ottawa's French-language proficiency test. Students registered in an honours bachelor's program or a joint honours BA who have done more than one third of their courses in French will receive a mention of French Immersion on their diploma.

SUGGESTED 2011-2012 COURSE SEQUENCE

The following are examples of course sequences. To see the most recent course sequence version or to see the course descriptions, please visit www.programs.uOttawa.ca.

Honours BSocSc with Major in Economics – 120 credits (4 years)

	Total	1st year	2nd year	3rd year	4th year
Total	120 credits (40 courses)	30 credits (10 courses)	30 credits (10 courses)	30 credits (10 courses)	30 credits (10 courses)
Core courses	6 credits (2 courses)	ENG1100 Workshop in Essay Writing 3 credits from: ENG1120 Literature and Composition I: Prose Fiction ENG1121 Literature and Composition II: Drama and Poetry			
Major in Economics	42 credits (14 courses)	ECO1102 Introduction to Macroeconomics ECO1104 Introduction to Microeconomics MAT1302 Mathematical Methods II 3 credits from: MAT1300 Mathematical Methods I ¹ MAT1308 Introduction to Calculus	ECO2142 Macroeconomic Theory I ECO2143 Macroeconomic Theory II ECO2144 Microeconomic Theory I ECO2145 Microeconomic Theory II	ECO3150 Probability and Statistics for Economists ² ECO3151 Introduction to Econometrics ² 6 optional ECO credits at the 3000 or 4000 level	6 optional ECO credits at the 4000 level
Minor or major	42 credits (14 courses) 30 credits (10 courses)	<i>Mandatory major or minor added after first year</i> <i>Students must add a second program, either a 42-credit major or a 30-credit minor, selected from any of a number of disciplines offered at the Telfer School of Management or at the faculties of Arts, Health Sciences or Social Sciences. The faculties of Science and Engineering also offer many majors and minors. However, these majors require 51 to 60 credits. Note that secondary school prerequisite courses may be required for the second program.</i>			
Electives	30 or 42 credits (10 or 14 courses)	<i>The number of elective courses varies according to the second program:</i> <i>In the major option, students must take 30 elective credits (10 courses).</i> <i>In the minor option, students must take 42 elective credits (14 courses).</i>			

Notes

¹ Students who intend to pursue graduate studies in economics should select MAT1300 or the sequence MAT1320 and MAT1325 (this last course can be replaced by MAT1322).

² Students who intend to participate in the CO-OP stream should take ECO3150 and ECO3151 in their second year.

3 credits = 1 course

Valid for the 2011–2012 academic year

Honours BSocSc with Specialization in Economics – 120 credits (4 years)

	Total	1st year	2nd year	3rd year	4th year
Total	120 credits (40 courses)	30 credits (10 courses)	30 credits (10 courses)	30 credits (10 courses)	30 credits (10 courses)
Core courses	6 credits (2 courses)	ENG1100 Workshop in Essay Writing 3 credits from: ENG1120 Literature and Composition I: Prose Fiction ENG1121 Literature and Composition II: Drama and Poetry			
Honours with Specialization in Economics	66 credits (22 courses)	ECO1102 Introduction to Macroeconomics ECO1104 Introduction to Microeconomics MAT1302 Mathematical Methods II 3 credits from: MAT1300 Mathematical Methods I ¹ MAT1308 Introduction to Calculus	ECO2142 Macroeconomic Theory I ECO2143 Macroeconomic Theory II ECO2144 Microeconomic Theory I ECO2145 Microeconomic Theory II	ECO3132 History of Economic Thought ECO3145 Mathematical Economics I ECO3150 Probability and Statistics for Economists ² ECO3151 Introduction to Econometrics ² ECO3152 Macroeconomic Theory III ECO3153 Microeconomic Theory III	6 optional ECO credits at the 4000 level
Minor	0 or 30 credits (0 or 10 courses)	<i>Optional minor added after first year</i> Students have the option of adding a minor (30 credits) in any of a number of disciplines offered at the Telfer School of Management or at the faculties of Arts, Engineering, Science, Health Sciences or Social Sciences. Note that secondary school prerequisite courses may be required for the second program.			
Electives	18 or 48 credits (6 or 16 courses)	In the <i>minor</i> option, students must take 18 elective credits (6 courses). In all other cases, students must take 48 elective credits (16 courses).			

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¹ Students who intend to pursue graduate studies in economics should select MAT1300 or the sequence MAT1320 and MAT1325 (this last course can be replaced by MAT1322).

² Students who intend to participate in the CO-OP stream should take ECO3150 and ECO3151 in their second year.

3 credits = 1 course

Valid for the 2011–2012 academic year

Joint Honours BSocSc in Mathematics and Economics – 120 credits (4 years)

	Total	1st year	2nd year	3rd year	4th year
Total	120 credits (40 courses)	30 credits (10 courses)	30 credits (10 courses)	30 credits (10 courses)	30 credits (10 courses)
Core courses	6 credits (2 courses)	ENG1100 Workshop in Essay Writing 3 credits from: ENG1120 Literature and Composition I: Prose Fiction ENG1121 Literature and Composition II: Drama and Poetry			
Economics	42 credits (14 courses)	ECO1102 Introduction to Macroeconomics ECO1104 Introduction to Microeconomics	ECO2142 Macroeconomic Theory I ECO2143 Macroeconomic Theory II ECO2144 Microeconomic Theory I ECO2145 Microeconomic Theory II	ECO3151 Introduction to Econometrics ECO3152 Macroeconomic Theory III ECO3153 Microeconomic Theory III 9 optional ECO credits at the 3000 level and above	6 optional ECO credits at the 4000 level
Mathematics	48 credits (16 courses)	MAT1320 Calculus I MAT1325 Calculus II and Introduction to Analysis ² MAT1341 Introduction to Linear Algebra	6 credits from: MAT2122 Multivariable Calculus MAT2125 Elementary Real Analysis MAT2143 Algebraic Structures MAT2324 Ordinary Differential Equations and the Laplace Transform MAT2348 Discrete Mathematics MAT2355 Introduction to Geometry MAT2362 Foundations of Mathematics ³ MAT2371 Introduction to Probability MAT2375 Introduction to Statistics		6 optional MAT credits at the 4000 level
			3 credits from: MAT2141 Linear Algebra I ¹ MAT2342 Introduction to Applied Linear Algebra ¹	12 optional MAT credits at the 3000 level and above	
Electives	24 credits (8 courses)	24 elective credits (8 courses)			

Notes

- ¹ Students interested in graduate studies in mathematics should choose MAT2141.
- ² The course MAT1325 can be replaced by MAT1322 with the permission of the Department of Mathematics and Statistics.
- ³ MAT2362 is strongly recommended and is required for further study in logic.

3 credits = 1 course

Valid for the 2011–2012 academic year

Joint Honours BSocSc in Economics and Political Science – 120 credits (4 years)

	Total	1st year	2nd year	3rd year	4th year
Total	120 credits (40 courses)	30 credits (10 courses)	30 credits (10 courses)	30 credits (10 courses)	30 credits (10 courses)
Core courses	6 credits (2 courses)	ENG1100 Workshop in Essay Writing 3 credits from: ENG1120 Literature and Composition I: Prose Fiction ENG1121 Literature and Composition II: Drama and Poetry			
Economics	48 credits (16 courses)	ECO1102 Introduction to Macroeconomics ECO1104 Introduction to Microeconomics MAT1302 Mathematical Methods II 3 credits from: MAT1300 Mathematical Methods I ¹ MAT1308 Introduction to Calculus	ECO2142 Macroeconomic Theory I ECO2143 Macroeconomic Theory II ECO2144 Microeconomic Theory I ECO2145 Microeconomic Theory II	ECO3132 History of Economic Thought ECO3145 Mathematical Economics I ECO3150 Probability and Statistics for Economists ² ECO3151 Introduction to Econometrics ² ECO3152 Macroeconomic Theory III ECO3153 Microeconomic Theory III	6 optional ECO credits at the 4000 level
Political Science	48 credits (16 courses)	POL1101 Introduction to Political Science	POL2101 Introduction to Canadian Politics POL2103 Introduction to International Relations and Global Politics POL2104 Introduction to Comparative Politics POL2107 Introduction to Political Thought POL2108 Modern Political Thought I POL2156 Foundations of Research in Political Science	POL3102 Modern Political Thought II POL3370 Qualitative Analysis in Political Science 6 optional POL credits	3 credits from list A 3 credits from list B 3 credits from list C 6 optional POL credits at the 4000 level
Electives	18 credits (6 courses)	18 elective credits (6 courses)			

Notes

¹ Students who intend to pursue graduate studies in economics should select MAT1300 or the sequence MAT1320 and MAT1325 (this last course can be replaced by MAT1322).

² Students who intend to participate in the CO-OP stream should take ECO3150 and ECO3151 in their second year.

3 credits = 1 course

Valid for the 2011–2012 academic year

List A

POL3172	Political Participation and Mobilization in Canada
POL4134	Law, Politics and the Constitution in Canada
POL4150	Electoral Systems and Political Parties
POL4154	Parliamentary Government in Canada
POL4157	Federalism and Public Policy in Canada
POL4565	Développement des idéologies sociales et politiques au Québec
POL4166	Social and Political Thought in Canada

List B

POL3111	International Organizations
POL3115	Comparative Politics of Development
POL4124	The Politics of Security
POL4176	International Political Economy
POL4522	Multilatéralisme: formes et enjeux

List C

POL4310	Honours Seminar in Political Thought
POL4320	Honours Seminar in Canadian Politics
POL4330	Honours Seminar in International Relations and Global Politics
POL4350	Honours Seminar in Comparative Politics

MINOR

A minor may be taken as the second program of an honours bachelor's with major and minor, an honours bachelor's with specialization and minor, or an honours

bachelor's (multidisciplinary) offered by the faculties of Arts, Engineering, Science, Social Sciences and Health Sciences.

Minor in Economics – 30 credits

ECO1102	Introduction to Macroeconomics	3
ECO1104	Introduction to Microeconomics	3
MAT1300 or MAT1308	Mathematical Methods I	3
	Introduction to Calculus	3
MAT1302	Mathematical Methods II	3
ECO2142	Macroeconomic Theory I	3
ECO2144	Microeconomic Theory I	3

Six optional ECO credits

Six optional ECO credits at the 3000 level and above

Notes

ECO2145 is strongly recommended to be able to register for ECO courses at the 3000 level and above.