



DEPARTMENT OF ECONOMICS

**PROGRAM
PLANNING GUIDE**

August 2010

www.economics.uoguelph.ca/Undergrad/planguide.htm

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INTRODUCTION

This guide is provided by the Department of Economics to help you plan your program and to give information about Department facilities. It is intended for use as a supplement to the Undergraduate Calendar. Both should be read carefully before preregistering to make sure your course selections satisfy regulations and are the best ones for your goals. It is important to plan some semesters ahead, checking prerequisite requirements and the timing of course offerings, to ensure that all the desired courses may be fitted into your schedule.

The official calendar is available online at
<http://www.uoguelph.ca/registrar/calendars/undergraduate/current/>

The Planning Guide is annually changed to reflect the next calendar not currently available. As students are allowed to switch into newer calendars, this guide will provide information about changes that are coming which could be attractive to you when available.

This guide is also helpful for students who may wish to change majors within related programs. We hope you will find the suggested program plans and check lists helpful in laying out the next 3 or 4 years, enabling you to meet the requirements to graduate.

Distance Education Courses

The Economics Department has developed a series of Distant Education (DE) courses. These courses are usually (although not always) offered in the summer semester. They are:

ECON*1050 DE (*usually* offered in Fall as well)
ECON*1100 DE (*usually* offered in Winter as well)
ECON*2100 DE
ECON*2200 DE
ECON*2310 DE
ECON*2410 DE
ECON*2560 DE
ECON*2770 DE (not always)
ECON*3660 DE
ECON*4400 DE (*usually* offered in Fall only)

SUMMARY OF PROGRAMS ADMINISTERED BY THE ECONOMICS DEPARTMENT

UNDERGRADUATE STUDIES

Program Requirements

The Department of Economics offers a variety of programs in the B.A. and B.Comm. and B.Sc. degrees. These programs offer opportunity for different levels of specialization as well as flexibility to suit the individual student.

B.A. HONOURS PROGRAM (20 credits)	
Economics Major	This program requires a minimum of 9 credits in Economics.
Economics Major Co-op	The same requirements of Major Economics as well as 4 work terms.
Mathematical Economics Major	This program requires a minimum of 13 credits in Economics, Mathematics and Statistics.
Mathematical Economics Major Co-op	The same requirements of Mathematical Economics Major as well as 4 work terms.
Economics Minor	A minimum of 5 credits in Economics is required.
Business Administration Minor	A minimum of 5 credits in Economics and Business.

B.COMM. HONOURS PROGRAM (20 credits)	
Management Economics and Finance Major	For this major 11 credits are specified, 5.5 credits are restricted electives and 3.5 credits are electives. The total number of courses are 37 with 3 of them double weighted.
Management Economics and Finance Major Co-op	The same requirements as the Management Economics in Industry and Finance Major as well as 4 work terms.

BUSINESS ADMINISTRATION MINOR (20 credits)	
Any B.Sc. or B.A.S. Programs	At least 5 credits must be in Economics and Business.

Counselling and Contact Information

See the faculty advisor for further details about the available programs and for any special considerations you may have in completing the program.

Faculty Advisor: Evie Adomait
Rm. 728, MacKinnon Building
Extension 56343

Economics Web Site: <http://www.economics.uoguelph.ca/>

ISSUES*	ADMISSIONS STAFF		PROGRAM COUNSELLORS		FACULTY ADVISOR
	BComm	BA	BA	BComm	Econ Majors
	Mary Haggarty (ext 58711)	Donna Reimer (ext 56062)	Matt Edwards (ext 52140)	Hugh Clark (ext 56757)	Evie Adomait (ext 56343)
Transferring from another University?	x	x			
Transferring within the University?	x	x			
Transferring within your existing program?			x	x	
Need to report a missed exam because of illness ?			x	x	
Picked the wrong major ?			x	x	x
Need to get into a full section ?					x
Need a Letter of Permission document signed?			x (see 2nd)	x (see 2nd)	x (see 1st)
Need to know if a course taken elsewhere can be used as a substitute for one here?			x (see 2nd)	x (see 2nd)	x (see 1st)
Need a prerequisite waiver signed?					x
Need help with the checklist or timing of your courses?					x
Want to declare a major or a minor ?	minor not possible		x (see 2nd)	minors not avail.	x (see 1st)

*see applicable program when checking the list

GRADUATE STUDIES

The Department of Economics offers the following graduate programs; a masters degree in Economics and a doctoral program in Economics and Economics-International Development Studies. The programs blend theory, quantitative methods and policy analysis and require students to participate in a research project or thesis. Since enrollment is limited to about 25 students per year in the masters program and 4 to 6 in the doctoral, all qualified applicants are normally offered financial assistance and class sizes are small. Moreover, the Department encourages student-faculty interaction in both research and its highly active seminar and workshop program.

M.A. ECONOMICS (8 course equivalents)

To enrol in the Master's program, a student must have an honours degree with a minimum of a B+ average. The degree normally takes 3 semesters to complete.

Ph.D. ECONOMICS

Ph.D. ECONOMICS (INTERNATIONAL DEVELOPMENT STUDIES)

(all 12 course equivalents)

To enrol in the Doctoral program, a student must have an honours baccalaureate degree (minimum B+ average) and a master's degree in Economics or Agricultural Economics (minimum A- average). The degree normally takes 4 years to complete.

See the Graduate Coordinator for a detailed outline of the above graduate programs and available funding.

Graduate Coordinator: Thanasis Stengos
Room 715, MacKinnon Building
Extension 53917

Economics Web Site: <http://www.economics.uoguelph.ca/>

EXAMPLES OF PROGRAM SCHEDULES

B.A. PROGRAM: HONOURS MAJOR ECONOMICS

Possible sequence of courses (8 semesters).

Semester designations (in brackets) are offered so students may restructure their programs.

Semester 1
ECON*1050 Introductory Microeconomics (S,F,W)
One of: <ul style="list-style-type: none"> • MATH*1030 Business Mathematics • MATH*1080 Elements of Calculus I • MATH*1200 Calculus I
1.00 Arts Electives
0.50 Social Science Elective

Semester 2
ECON*1100 Introductory Macroeconomics (S,F,W)
One Computer course recommended
1.50 Electives

Semester 3
ECON*2310 Intermediate Microeconomics (S,F,W)
ECON*2770 Introductory Mathematical Economics (F,W)
Economic History*
1.00 Electives

Semester 4
ECON*2410 Intermediate Macroeconomics (S,F,W)
ECON*2740 Economic Statistics (F,W)
1.50 Electives

Semester 5
ECON*3740 Introduction to Econometrics F,W)
ECON*3710 Advanced Microeconomics (F,W)
One 3000 or 4000 level Economics course
1.00 Electives

Semester 6
ECON*3100 Game Theory (W) or ECON*4700 Advanced Mathematical Economics(F) in semester 7
ECON*3810 Advanced Macroeconomics (W)
One 3000 or 4000 level Economics course
1.00 Electives

Semester 7
ECON*4710 Advanced Topics in Microeconomics (F)
One 4000 level Economics course
1.50 Electives

Semester 8
ECON*4810 Advanced Topics in Macroeconomics (W)
Two 4000 level Economics courses
1.00 Electives

**Economic History courses are ECON*2320, ECON*2720, ECON*3550, ECON*3720 and ECON*4720*

EXAMPLES OF PROGRAM SCHEDULES

B.A. PROGRAM: HONOURS MAJOR ECONOMICS CO-OP

You must take this sequence of courses in the first 4 terms in order to go on the first work term.

Fall Semester 1
ECON*1050 Introductory Microeconomics (S,F,W)
One 1000 level Calculus course (MATH*1200 preferred)
1.00 Arts Electives
0.50 Social Science Elective

Winter Semester 2
ECON*1100 Introductory Macroeconomics (S,F,W)
One Computer course
1.50 Electives

Fall Semester 3
ECON*2310 Intermediate Microeconomics (S,F,W)
ECON*2410 Intermediate Macroeconomics (S,F,W)
ECON*2740 Economic Statistics (F,W)
ECON*2770 Introductory Mathematical Economics (F,W)
COOP*1100 Introduction to Cooperative Education (non-credit course)
0.50 Elective

Winter Semester 4
Economic History*
ECON*3740 Introduction to Econometrics (F,W)
1.50 Electives

Summer Sem **COOP*1000 Co-op Work Term 1**
Fall Sem **COOP*2000 Co-op Work Term 2**

**Economic History courses are ECON*2320, ECON*2720, ECON*3550, ECON*3720 and ECON*4720*

Winter Semester 5
ECON*3100 Game Theory (W) or ECON*4700 Advanced Mathematical Economics in Semester 7
ECON*3810 Advanced Macroeconomics (W)
One 4000 level Economics course
1.00 Electives

Summer Sem **COOP*3000 Co-op Work Term 3**

Fall Semester 6
ECON*3710 Advanced Microeconomics (F,W)
One 4000 level Economics course (ECON*4640 (F) is recommended)
1.50 Electives

Winter Sem **COOP*3000 Co-op Work Term 4**
Summer Sem **COOP*4000 Co-op Work Term 5**

Note: Only 4 work terms are required. If the student stays employed at the same firm after Work Term 4, then a 5th report is necessary.

Fall Semester 7
ECON*4710 Advanced Topics in Microeconomics (F)
One 4000 level Economics course
One 3000 or 4000 level Economics course
1.00 Electives

Winter Semester 8
ECON*4810 Advanced Topics in Macroeconomics (W)
One 4000 level Economics courses
3.00 Electives

EXAMPLES OF PROGRAM SCHEDULES

B.A. PROGRAM: HONOURS MAJOR MATHEMATICAL ECONOMICS

Possible sequence of courses (8 semesters).
Semester designations (in brackets) are offered so students may restructure their programs.

Semester 1	
CIS*1500	Introduction to Programming (F,W)
ECON*1050	Introductory Microeconomics (S,F,W)
MATH*1200	Calculus I (F)
1.00 Electives	

Semester 2	
ECON*1100	Introductory Macroeconomics (S,F,W)
MATH*1210	Calculus II (S,W)
1.50 Electives	

Semester 3	
ECON*2310	Intermediate Microeconomics (S,F,W)
ECON*2410	Intermediate Macroeconomics (S,F,W)
STAT*2040	Statistics I (S,F,W)
1.00 Electives	

Semester 4	
ECON*3740	Introduction to Econometrics (F,W)
2.00 Electives or Restricted Electives	

Semester 5	
ECON*3710	Advanced Microeconomics (F,W)
2.00 Electives or Restricted Electives	

Semester 6	
ECON*3100	Game Theory (W)
ECON*3810	Advanced Macroeconomics (W)
1.50 Electives or Restricted Electives	

Semester 7	
ECON*4640	Applied Econometrics I (F)
ECON*4700	Advanced Mathematical Economics (F)
ECON*4710	Advanced Topics in Microeconomics (F)
1.00 Electives or Restricted Electives	

Semester 8	
ECON*4810	Advanced Topics in Macroeconomics (W)
One 4000 level economics course	
One of:	
<ul style="list-style-type: none"> • ECON*4840 Applied Econometrics II (W) • MATH*3200 Real Analysis (F) • STAT*4340 Statistical Inference (W) • STAT*4350 Applied Multivariate Statistical Methods (F) • STAT*4360 Applied Time Series Analysis (W) 	
1.00 Electives	

At least 1.00 of the 4.00 restricted electives must be from Mathematics and 1.00 must be from Statistics. The remaining 2.00 can be from either subject area. Of the 4.00 credits, at least 1.00 must be at the 3000 level or above and the remaining 3.00 must be at the 2000 level or above. Note: Courses from MATH or STATS will be allowed with the appropriate prerequisites, or by permission of the instructor.

EXAMPLES OF PROGRAM SCHEDULES

B.A. PROGRAM: HONOURS MAJOR MATHEMATICAL ECONOMICS COOP

Possible sequence of courses (8 semesters).
Semester designations (in brackets) are offered so students may restructure their programs.

Fall Semester 1	
CIS*1500	Introduction to Programming (F,W)
ECON*1050	Introductory Microeconomics (S,F,W)
MATH*1200	Calculus I (F)
1.00 Electives	

Winter Semester 2	
ECON*1100	Introductory Macroeconomics (S,F,W)
MATH*1210	Calculus II (S,W)
1.50 Electives	

Fall Semester 3	
ECON*2310	Intermediate Microeconomics (S,F,W)
ECON*2410	Intermediate Macroeconomics (S,F,W)
STAT*2040	Statistics I (S,F,W)
1.00 Electives	

Winter Semester 4	
ECON*3740	Introduction to Econometrics (F,W)
2.00 Electives or Restricted Electives	

Summer Sem **COOP*1000 Co-op Work Term 1**
Fall Sem **COOP*2000 Co-op Work Term 2**

Winter Semester 5	
ECON*3100	Game Theory (W)
ECON*3810	Advanced Macroeconomics (W)
1.50 Electives or Restricted Electives	

Summer Sem **COOP*3000 Co-op Work Term 3**

Fall Semester 6	
ECON*3710	Advanced Microeconomics (F,W)
2.00 Electives or Restricted Electives	

Winter Sem **COOP*4000 Co-op Work Term 4**
Summer Sem **COOP*5000 Co-op Work Term 5**

Note: Only 4 work terms are required. If the student stays employed at the same firm after Work Term 4, then a 5th report is necessary.

Fall Semester 7	
ECON*4640	Applied Econometrics I (F)
ECON*4700	Advanced Mathematical Economics (F)
ECON*4710	Advanced Topics in Microeconomics (F)
1.00 Electives or Restricted Electives	

Winter Semester 8	
ECON*4810	Advanced Topics in Macroeconomics (W)
One 4000 level Economics course	
One of: ECON*4840 Applied Econometrics II (W) MATH*3200 Real Analysis (F) STAT*4340 Statistical Inference (W) STAT*4350 Applied Multivariate Statistical Methods (F) STAT*4360 Applied Time Series Analysis (W)	
1.00 Electives	

At least 1.00 of the 4.00 restricted electives must be from Mathematics and 1.00 must be from Statistics. The remaining 2.00 can be from either subject area. Of the 4.00 credits, at least 1.00 must be at the 3000 level or above and the remaining 3.00 must be at the 2000 level or above. Note: Courses from MATH or STATS will be allowed with the appropriate prerequisites, or by permission of the instructor.

EXAMPLES OF PROGRAM SCHEDULES

B.COMM. PROGRAM: MANAGEMENT ECONOMICS & FINANCE MAJOR

Possible sequence of courses (8 semesters).
Semester designations (in brackets) are offered so students may restructure their programs.

Semester 1
MGMT*1000 Introduction to Business (F) (1.0 credit)
ECON*1050 Introductory Microeconomics (S,F,W)
MATH*1030 Business Mathematics (F,W)
One of: • MCS*1000 Introductory Marketing (S,F,W) • MATH*1200 Calculus I (F) if you wish to follow the Finance area of emphases of quantitative finance or Masters in Economics • Free elective. Note this credit may be a liberal education elective*. It can also be a CIS course listed in semester 3 if you are not planning on taking MCS*2020 to satisfy the CA designation. If you wish to take the Public Administration restricted elective or the leadership Certificate restricted electives choose POLS*1400
*You must take 1.5 credits as liberal education requirements. These courses cannot start with MGMT, ACCT, BUS, MCS, HTM, or ECON.

Semester 2
ACCT*2220 Financial Accounting (F,W)
ECON*1100 Introductory Macroeconomics (S,F,W)
HROB*2100 Managing people in organizations (S.F.W) (1.0 credit)
One of • MCS*1000 Introduction to Marketing if not already taken in Semester 1. (S,F,W) • MATH*1210 Calculus II (W) if you wish to follow the quantitative finance restricted electives • Free Elective, you should use this elective to satisfy the liberal education requirement

Semester 3
ACCT*2230 Management Accounting (F,W)
ECON*2310 Intermediate Microeconomics (S,F,W)
ECON*2770 Introductory Mathematical Economics (S,F,W)
ECON*2740 Economic Statistics (F,W) preferred Or STATS*2040 Statistics I (S,F,W) if you wish to follow the finance area of emphasis in quantitative finance
One of • CIS*1200 Introduction to Computing (F,W) • CIS*1500 Introduction to programming (F,W) • MCS*2020 Marketing Information Management (F,W) • MCS*1000 Introductory Marketing (S,F,W) if not already taken in first year

Semester 4
ECON*2410 Intermediate Macroeconomics (S,F,W)
ECON*2560 Theory of Finance (S,F,W)
BUS*3320 Financial Management (F,W)
One of the following law courses: • MCS*3040 Business and Consumer Law (S,F,W) preferred • HROB*3050 Employment law (F, only) • REAL*4840 Housing and Real Estate Law (F,only)
0.50 Electives or Restricted Electives

Semester 5
ECON*3740 Introduction to Econometrics (F,W)
2.0 Electives or Restricted Electives
Note: ECON*3710 is required for the finance area of emphasis Students planning on taking ECON*4560 should be sure to take all of the prerequisites in third year Note: ECON*3860 International Finance is a Fall course

Semester 6
One of the following operations courses • FARE*3310 Operations Management (F,W) • FARE*4500 Decision Science (F) • REAL*3890 Property Management (W)
2.00 Electives or Restricted Electives
Note: the following winter offerings ECON*3660 Equity Markets (W) ECON*3760 Fundamentals of Derratives (W) ECON*3960 Money Credit and the Financial System (W)

Semester 7
2.50 Electives or Restricted Electives
Note the following fall offerings ECON*4560 Advance Topics in Finance ECON*4710 Advanced Topics in Microeconomics ECON*4640 Econometrics I

Semester 8
MGMT*4000 Strategic Management (1.0 credits)
1.50 Electives or Restricted Electives

EXAMPLES OF PROGRAM SCHEDULES

B.COMM. PROGRAM: MANAGEMENT ECONOMICS & FINANCE MAJOR (CONT'D)

Restricted Electives in an Area of Emphasis within Economics

You must choose either Management or Finance as an area of emphasis. This choice should be made by semester 4. See the Economics departmental advisor to declare an area of emphasis.

1. Management area of emphasis

1.5 credits from the following finance courses:

ECON*3660 [0.50] Equity Markets

ECON*3760 [0.50] Fundamentals of Derivatives*

ECON*3860 [0.50] International Finance

ECON*3960 [0.50] Money, Credit and the Financial System

*Note that FARE*4240 [0.50] Futures and Options may be substituted for this course.

2.5 additional credits in economics of which at least .5 must be at the 4000 level and at most .5** may be at the 2000 level.

*May be replaced with a 4000 level .5 credit in Accounting.

In addition to the economics credits listed above, students must take a minimum of 1.5 credits in restricted electives listed below. These courses have been grouped in major topical areas which are related to various professional interests. Students may, however, choose restricted electives from any of those listed without regard to the categories.

Accounting (towards a CA, CMA or CGA designation)

ACCT*2240 [0.50] Applied Financial Accounting (CA only)

ACCT*3230 [0.50] Intermediate Management Accounting

ACCT*3280 [0.50] Auditing I

ACCT*3330 [0.50] Intermediate Financial Accounting I

ACCT*3340 [0.50] Intermediate Financial Accounting II

ACCT*3350 [0.50] Taxation

ACCT*4220 [0.50] Advanced Financial Accounting

ACCT*4230 [0.50] Advanced Management Accounting (CMA, CGA)

ACCT*4240 [1.00] Advanced Accounting theory (CA, CGA)

ACCT*4270 [0.50] Auditing II (CA only)

ACCT*4290 [0.50] Auditing III (CA only)

ACCT*4350 [0.50] Taxation II (CA only)

Certified Human Resource Professional (CHRP)

ECON*2200 [0.50] Industrial Relations

HROB*3010 [0.50] Compensation Systems

HROB*3030 [0.50] Occupational Health and Safety

HROB*3070 [0.50] Recruitment and Selection

HROB*3090 [0.50] Training and Development

HROB*4060 [0.50] Human Resources Planning

Pre-Masters in Industrial Relations

ECON*2200 [0.50] Industrial Relations

ECON*3520 [0.50] Labour Economics

ECON*3620 [0.50] International Trade

ECON*4790 [0.50] Topics in Labour Market theory

HROB*3010 [0.50] Compensation Systems

HROB*3030 [0.50] Occupational Health and Safety

HROB*3070 [0.50] Recruitment and Selection

HROB*3090 [0.50] Training and Development

HROB*4060 [0.50] Human Resources Planning

Leadership Certificate

HROB*2010 [0.50] Foundations of Leadership
HROB*4010 [0.50] Leadership Capstone
HROB*4030 [0.50] Advanced Topics in Human Resource Management
HROB*4100 [0.50] Applied Research in Human Resources Management
POLS*2250 [0.50] Public Administration and Governance
POLS*3440 [0.50] Corruption, Scandal and Political Ethics

Public Administration

ECON*3610 [0.50] Public Economics
POLS*2250 [0.50] Public Administration & Governance
POLS*2300 [0.50] Canadian Government
POLS*3210 [0.50] The Constitution and Canadian Federalism
POLS*3250 [0.50] Public Policy: Challenges and Prospects
POLS*3270 [0.50] Local Government in Ontario
POLS*3470 [0.50] Business-Government Relations in Canada

Real Estate and Housing

ECON*3500 [0.50] Urban Economics***
REAL*1820 [0.50] Real Estate and Housing
REAL*2820 [0.50] Real Estate Finance
REAL*3890 [0.50] Property Management
REAL*4820 [0.50] Real Estate Appraisal***

****These courses count towards the Post Graduate Valuation Certificate offered by UBC, part of the requirements to obtain an Accredited Appraiser Canadian Institute designation*

Corporate Social Responsibility

BUS*4550 [0.50] Applied Business project I
BUS*4560 [0.50] Applied Business Project II
ECON*2650 [0.50] Economics of Developing Countries
ECON*3300 [0.50] Economics of Health and the Workplace
ECON*4930 [0.50] Environmental Economics
HROB*3030 [0.50] Occupational Health and Safety
REAL*2850 [0.50] Service Learning in Housing
MGMT*3020 [0.50] Corporate Social Responsibility
MGMT*4050 [0.50] Applied Community Project I
MGMT*4060 [0.50] Applied Community Project II

Marketing

MCS*2600 [0.50] Fundamentals of Consumer Behaviour
MCS*3000 [0.50] Advanced Marketing
MCS*3010 [0.50] Quality Management
MCS*3620 [0.50] Marketing Communications
MCS*4400 [0.50] Pricing Management

Food and Agribusiness

FARE*2050 [0.50] Markets for Molecules
FARE*2410 [0.50] Agrifood Markets and Policy
FARE*3030 [0.50] The Firm and Markets
FARE*4000 [0.50] Agricultural and Food Policy
FARE*4220 [0.50] Advanced Farm Management

2. Finance area of emphasis

ECON*3710 [0.50] Advanced Microeconomics
ECON*4560 [0.50] Advanced Topics in Finance

1.5 credits from the following finance courses:

ECON*3660 [0.50] Equity Markets
ECON*3760 [0.50] Fundamentals of Derivatives*
ECON*3860 [0.50] International Finance
ECON*3960 [0.50] Money, Credit and the Financial System

*Note that FARE*4240 [0.50] Futures and Options may be substituted for this course.

One of:

ECON*3100 [0.50] Game theory
ECON*3810 [0.50] Advanced Macroeconomics
ECON*4700 [0.50] Advanced Mathematical Economics

1.0 economics credits at the 3000 or 4000 level

In addition to the required credits listed above, students must take a minimum of 1.5 credits in restricted electives. Restricted electives are listed below and have been grouped in major topical areas which are related to, or are an extension of, the professional interests of the major. Students may, however, choose restricted electives from any of those listed without regard to the categories, which are intended to be suggestive.

Certified Financial Analyst (CFA)

ACCT*3330 [0.50] Intermediate Financial Accounting I
ECON*4400 [0.50] Economics of Organizations and Corporate Governance
ECON*4660 [0.50] Financial Markets Risk Management
ECON*4750 [0.50] Public Economics
ECON*4760 [0.50] Topics in Monetary Economics
ECON*4780 [0.50] Topics in Industrial Organization
ECON*4800 [0.50] Competitiveness and Strategic Advantage
ECON*4880 [0.50] Topics in International Economics

Quantitative Finance

MATH*2160 [0.50] Linear Algebra
STAT*3100 [0.50] Introductory Mathematical Statistics I
STAT*3110 [0.50] Introductory Mathematical Statistics II
ECON*4640 [0.50] Applied Econometrics I
ECON*4840 [0.50] Applied Econometrics II

Pre-Masters in Economics (MA)

ECON*4710 [0.50] Advanced topics in Microeconomics
ECON*4810 [0.50] Advanced topics in Macroeconomics
ECON*4640 [0.50] Applied Econometrics I

EXAMPLES OF PROGRAM SCHEDULES

B.COMM. PROGRAM: MANAGEMENT ECONOMICS & FINANCE MAJOR: CO-OP

You must take this sequence of courses in the first 4 terms in order to go on the first work term.

Fall Semester 1
MGMT*1000 Introduction to Business (F) (1.0 credit)
ECON*1050 Introductory Microeconomics (S,F,W)
MATH*1030 Business Mathematics (F,W)
One of: <ul style="list-style-type: none"> • MCS*1000 Introductory Marketing (S,F,W) • MATH*1200 Calculus I (F) if you wish to follow the Finance area of emphases of quantitative finance or Masters in Economics • Free elective. Note this credit may be a liberal education elective*. It can also be a CIS course listed in semester 3 if you are not planning on taking MCS*2020 to satisfy the CA designation. If you wish to take the Public Administration restricted elective or the leadership Certificate restricted electives choose POLS*1400
*You must take 1.5 credits as liberal education requirements. These courses cannot start with MGMT, ACCT, BUS, MCS, HTM, or ECON.

Winter Semester 2
ACCT*2220 Financial Accounting (F,W)
ECON*1100 Introductory Macroeconomics (S,F,W)
HROB*2100 Managing people in organizations (S.F,W) (1.0 credit)
One of <ul style="list-style-type: none"> • MCS*1000 Introduction to Marketing if not already taken in Semester 1. (S,F,W) • MATH*1210 Calculus II (W) if you wish to follow the quantitative finance restricted electives • Free Elective, you should use this elective to satisfy the liberal education requirement

Fall Semester 3
ACCT*2230 Management Accounting (F,W)
ECON*2310 Intermediate Microeconomics (S,F,W)
ECON*2770 Introductory Mathematical Economics (S,F,W)
ECON*2740 Economic Statistics (F,W) preferred Or STATS*2040 Statistics I (S,F,W) if you wish to follow the finance are of emphasis in quantitative finance
One of <ul style="list-style-type: none"> • CIS*1200 Introduction to Computing (F,W) • CIS*1500 Introduction to programming (F,W) • MCS*2020 Marketing Information Management (F,W) • MCS*1000 Introductory Marketing (S,F,W) if not already taken in first year

Winter Semester 4
ECON*2410 Intermediate Macroeconomics (S,F,W)
ECON*2560 Theory of Finance (S,F,W)
BUS*3320 Financial Management (F,W)
One of the following law courses: <ul style="list-style-type: none"> • MCS*3040 Business and Consumer Law (S,F,W) preferred • HROB*3050 Employment law (F, only) • REAL*4840 Housing and Real Estate Law (F,only)
0.50 Electives or Restricted Electives

Summer Sem COOP*1000 Co-Op Work Term 1
 Fall Sem COOP*2000 Co-Op Work Term 2

Winter Semester 5
One of the following operations courses <ul style="list-style-type: none"> • FARE*3310 Operations Management (F,W) • FARE*4500 Decision Science (F) • REAL*3890 Property Management (W)
2.00 Electives or Restricted Electives
Note: the following winter offerings ECON*3660 Equity Markets (W) ECON*3760 Fundamentals of Derratives (W) ECON*3960 Money Credit and the Financial System (W)

Summer Sem COOP*3000 Co-op Work Term 3

Fall Semester 6
ECON*3740 Introduction to Econometrics (F,W)
2.0 Electives or Restricted Electives
Note: ECON*3710 is required for the finance area of emphasis Students planning on taking ECON*4560 should be sure to take all of the prerequisites in third year Note: ECON*3860 International Finance is a Fall course

Winter Sem COOP*4000 Co-op Work Term 4
 Summer Sem COOP*5000 Co-op Work Term 5 (if part of an 8th month work term)

Note: Only 4 work terms are required. If the student stays employed at the same firm after Term 4, then a 5th report is necessary

Fall Semester 7
2.50 Electives or Restricted Electives
Note the following fall offerings ECON*4560 Advance Topics in Finance ECON*4710 Advanced Topics in Microeconomics ECON*4640 Econometrics I

Winter Semester 8
MGMT*4000 Strategic Management (1.0 credits)
1.50 Electives or Restricted Electives

EXAMPLES OF PROGRAM SCHEDULES

B.COMM. PROGRAM: MANAGEMENT ECONOMICS IN INDUSTRY & FINANCE CO-OP (CONT'D)

Restricted Electives in an Area of Emphasis within Economics

You must choose either Management or Finance as an area of emphasis. This choice should be made by semester 4. See the Economics departmental advisor to declare an area of emphasis.

1. Management area of emphasis

1.5 credits from the following finance courses:

ECON*3660 [0.50] Equity Markets

ECON*3760 [0.50] Fundamentals of Derivatives*

ECON*3860 [0.50] International Finance

ECON*3960 [0.50] Money, Credit and the Financial System

*Note that FARE*4240 [0.50] Futures and Options may be substituted for this course.

2.5 additional credits in economics of which at least .5 must be at the 4000 level and at most .5** may be at the 2000 level.

*May be replaced with a 4000 level .5 credit in Accounting.

In addition to the economics credits listed above, students must take a minimum of 1.5 credits in restricted electives listed below. These courses have been grouped in major topical areas which are related to various professional interests. Students may, however, choose restricted electives from any of those listed without regard to the categories.

Accounting (towards a CA, CMA, CGA towards a designation)

ACCT*2240 [0.50] Applied Financial Accounting (CA only)

ACCT*3230 [0.50] Intermediate Management Accounting

ACCT*3280 [0.50] Auditing I

ACCT*3330 [0.50] Intermediate Financial Accounting I

ACCT*3340 [0.50] Intermediate Financial Accounting II

ACCT*3350 [0.50] Taxation

ACCT*4220 [0.50] Advanced Financial Accounting

ACCT*4230 [0.50] Advanced Management Accounting (CMA, CGA)

ACCT*4240 [1.00] Advanced Accounting theory (CA, CGA)

ACCT*4270 [0.50] Auditing II (CA only)

ACCT*4290 [0.50] Auditing III (CA only)

ACCT*4350 [0.50] Taxation II (CA only)

Certified Human Resource Professional (CHRP)

ECON*2200 [0.50] Industrial Relations

HROB*3010 [0.50] Compensation Systems

HROB*3030 [0.50] Occupational Health and Safety

HROB*3070 [0.50] Recruitment and Selection

HROB*3090 [0.50] Training and Development

HROB*4060 [0.50] Human Resources Planning

Pre-Masters in Industrial Relations

ECON*2200 [0.50] Industrial Relations

ECON*3520 [0.50] Labour Economics

ECON*3620 [0.50] International Trade

ECON*4790 [0.50] Topics in Labour Market theory

HROB*3010 [0.50] Compensation Systems

HROB*3030 [0.50] Occupational Health and Safety

HROB*3070 [0.50] Recruitment and Selection

HROB*3090 [0.50] Training and Development

HROB*4060 [0.50] Human Resources Planning

Leadership Certificate

HROB*2010 [0.50] Foundations of Leadership
HROB*4010 [0.50] Leadership Capstone
HROB*4030 [0.50] Advanced Topics in Human Resource Management
HROB*4100 [0.50] Applied Research in Human Resources Management
POLS*2250 [0.50] Public Administration and Governance
POLS*3440 [0.50] Corruption, Scandal and Political Ethics

Public Administration

ECON*3610 [0.50] Public Economics
POLS*2250 [0.50] Public Administration & Governance
POLS*2300 [0.50] Canadian Government
POLS*3210 [0.50] The Constitution and Canadian Federalism
POLS*3250 [0.50] Public Policy: Challenges and Prospects
POLS*3270 [0.50] Local Government in Ontario
POLS*3470 [0.50] Business-Government Relations in Canada

Real Estate and Housing

ECON*3500 [0.50] Urban Economics***
REAL*1820 [0.50] Real Estate and Housing
REAL*2820 [0.50] Real Estate Finance
REAL*3890 [0.50] Property Management
REAL*4820 [0.50] Real Estate Appraisal***

***These courses count towards the Post Graduate Valuation Certificate offered by UBC, part of the requirements to obtain an Accredited Appraiser Canadian Institute designation

Corporate Social Responsibility

BUS*4550 [0.50] Applied Business project I
BUS*4560 [0.50] Applied Business Project II
ECON*2650 [0.50] Economics of Developing Countries
ECON*3300 [0.50] Economics of Health and the Workplace
ECON*4930 [0.50] Environmental Economics
HROB*3030 [0.50] Occupational Health and Safety
REAL*2850 [0.50] Service Learning in Housing
MGMT*3020 [0.50] Corporate Social Responsibility
MGMT*4050 [0.50] Applied Community Project I
MGMT*4060 [0.50] Applied Community Project II

Marketing

MCS*2600 [0.50] Fundamentals of Consumer Behaviour
MCS*3000 [0.50] Advanced Marketing
MCS*3010 [0.50] Quality Management
MCS*3620 [0.50] Marketing Communications
MCS*4400 [0.50] Pricing Management

Food and Agribusiness

FARE*2050 [0.50] Markets for Molecules
FARE*2410 [0.50] Agrifood Markets and Policy
FARE*3030 [0.50] The Firm and Markets
FARE*4000 [0.50] Agricultural and Food Policy
FARE*4220 [0.50] Advanced Farm Management

2. Finance area of emphasis

ECON*3710 [0.50] Advanced Microeconomics
ECON*4560 [0.50] Advanced Topics in Finance 1.5 credits from the following finance courses:
ECON*3660 [0.50] Equity Markets
ECON*3760 [0.50] Fundamentals of Derivatives**
ECON*3860 [0.50] International Finance
ECON*3960 [0.50] Money, Credit and the Financial System
**Note that FARE*4240 [0.50] Futures and Options may be substituted for this course.

One of:
ECON*3100 [0.50] Game theory
ECON*3810 [0.50] Advanced Macroeconomics
ECON*4700 [0.50] Advanced Mathematical Economics

1.0 economics credits at the 3000 or 4000 level

In addition to the required credits listed above, students must take a minimum of 1.5 credits in restricted electives. Restricted electives are listed below and have been grouped in major topical areas which are related to, or are an extension of, the professional interests of the major. Students may, however, choose restricted electives from any of those listed without regard to the categories, which are intended to be suggestive.

Certified Financial Analyst (CFA)

ACCT*3330 [0.50] Intermediate Financial Accounting I
ECON*4400 [0.50] Economics of Organizations and Corporate Governance
ECON*4660 [0.50] Financial Markets Risk Management
ECON*4750 [0.50] Public Economics
ECON*4760 [0.50] Topics in Monetary Economics
ECON*4780 [0.50] Topics in Industrial Organization
ECON*4800 [0.50] Competitiveness and Strategic Advantage
ECON*4880 [0.50] Topics in International Economics

Quantitative Finance

MATH*2160 [0.50] Linear Algebra
STAT*3100 [0.50] Introductory Mathematical Statistics I
STAT*3110 [0.50] Introductory Mathematical Statistics II
ECON*4640 [0.50] Applied Econometrics I
ECON*4840 [0.50] Applied Econometrics II

Pre-Masters in Economics (MA)

ECON*4710 [0.50] Advanced topics in Microeconomics
ECON*4810 [0.50] Advanced topics in Macroeconomics
ECON*4640 [0.50] Applied Econometrics I

EXAMPLES OF PROGRAM SCHEDULES

B. COMM. PROGRAM: MANAGEMENT ECONOMICS & FINANCE MAJOR: WITH ACCOUNTING

Possible sequence of courses (8 semesters)
Semester designations (in brackets) are offered so students may restructure their programs

Semester 1
MGMT*1000 Introduction to Business (F)(1.0 credit)
ECON*1050 Introductory Microeconomics (S,F,W)
MATH*1030 Business Mathematics (F,W)
One of: <ul style="list-style-type: none"> MATH*1200 Calculus (F) if you wish to follow the Finance area of emphasis of quantitative finance or Masters in Economics Free elective. Note this credit may be a liberal education elective*. It can also be a CIS course listed in semester 3 if you are not planning on taking MCS*2020 to satisfy the CA designation.
*You must take 1.5 credits as liberal education requirements. These courses cannot start with MGMT, ACCT, BUS, MCS, HTM, or ECON

Semester 2
ACCT*2220 Financial Accounting (F,W)
ECON*1100 Introductory Macroeconomics (S,F,W)
HROB*2100 Managing people in organization (S,F,W)(1.0 credit)
MCS*1000 Introduction to Marketing

Semester 3
ACCT*2230 Management Accounting (F,W)
ECON*2310 Intermediate Microeconomics (S,F,W)
ECON*2770 Introductory Mathematical Economics (S,F,W)
ECON*2740 Economic Statistics(F,W) preferred or STATS*2040 Statistics I (S,F,W) if you wish to follow the finance area of emphasis in quantitative finance
One of <ul style="list-style-type: none"> CIS*1200 Introduction to Computing (F,W) CIS*1500 Introduction to programming (F,W) MCS*2020 Marketing Information Management (F,W)(CA) ACCT*2240 Applied Financial Accounting (CA)

Semester 4
ACCT*3330 Intermediate Financial Accounting I (W)
BUS*3320 Financial Management (F,W)
ECON*2410 Intermediate Macroeconomics (S,F,W)
ECON*2560 Theory of Finance (S,F,W)
MCS*3040 Business and Consumer Law (S,F,W)

Semester 5
ACCT*3280 Auditing I (F)
ACCT*3340 Intermediate Financial Accounting II (F)
ECON*3740 Introduction to Econometrics (F,W)
1.00 Electives or Restricted Electives
Note: ECON*3710 is required for the finance area of emphasis. Students planning on taking ECON*4560 should be sure to take all of the prerequisites in third year. Note: ECON*3860 International Finance is a Fall course

Semester 6
ACCT*3230 Intermediate Management Accounting (W)
FARE*3310 Operations Management (F,W)
1.50 Restricted Electives
Note: the following fall offerings ECON*3660 Equity Markets (W) ECON*3760 Fundamentals of Derivatives (W) ECON*3960 Money Credit and the Financial System (W)

Semester 7
ACCT*3350 Income Taxation (F)
2.00 Electives or Restricted Electives
Note: The following required courses for the CA ACCT*4220 Advanced Financial Accounting ACCT*4270 Auditing II
Note: the following fall offerings ECON*4560 Advanced Topics in Finance ECON*4710 Advanced Topics in Microeconomics ECON*4640 Econometrics I

Semester 8
One of <ul style="list-style-type: none"> ACCT*4230 Advanced Management Accounting (CMA) ACCT*4240 Advanced Accounting Elective (CA)
MGMT*4000 Strategic Management (1.0 credits)
Note: the following required courses for the CA ACCT*4290 Auditing III ACCT*4350 Taxation II
1.00 Electives or Restricted Electives

EXAMPLES OF PROGRAM SCHEDULES

B.COMM. PROGRAM: MANAGEMENT ECONOMICS & FINANCE MAJOR (CONT'D)

Restricted Electives in an Area of Emphasis within Economics

You must choose either Management or Finance as an area of emphasis. This choice should be made by semester 4. See the Economics departmental advisor to declare an area of emphasis.

1. Management area of emphasis

1.5 credits from the following finance courses:

ECON*3660 [0.50] Equity Markets

ECON*3760 [0.50] Fundamentals of Derivatives**

ECON*3860 [0.50] International Finance

ECON*3960 [0.50] Money, Credit and the Financial System

**Note that FARE*4240 [0.50] Futures and Options may be substituted for this course.

2.5 additional credits in economics of which at least .5 must be at the 4000 level and at most .5** may be at the 2000 level.

**May be replaced with a 4000 level .5 credit in Accounting.

In addition to the economics credits listed above, students must take a minimum of 1.5 credits in restricted electives listed below. These courses have been grouped in major topical areas which are related to various professional interests. Students may, however, choose restricted electives from any of those listed without regard to the categories.

Accounting (towards a CA, CMA or CGA designation)

ACCT*2240 [0.50] Applied Financial Accounting (CA only)

ACCT*3230 [0.50] Intermediate Management Accounting

ACCT*3280 [0.50] Auditing I

ACCT*3330 [0.50] Intermediate Financial Accounting I

ACCT*3340 [0.50] Intermediate Financial Accounting II

ACCT*3350 [0.50] Taxation

ACCT*4220 [0.50] Advanced Financial Accounting

ACCT*4230 [0.50] Advanced Management Accounting (CMA, CGA)

ACCT*4240 [1.00] Advanced Accounting theory (CA, CGA)

ACCT*4270 [0.50] Auditing II (CA only)

ACCT*4290 [0.50] Auditing III (CA only)

ACCT*4350 [0.50] Taxation II (CA only)

CHECKLIST - B.A. ECONOMICS PROGRAM

1. B.A. DISTRIBUTION REQUIREMENTS:

3 courses from the College of Arts (at least 2 departments)			
3 courses from Geography, Economics, Sociology, Psychology, Politics (at least 2 departments)			
2 courses in Natural and/or Mathematical Sciences			

2. RESTRICTIONS:

- a) No more than 12 courses at the 1000 level
- b) General Program: at least 8 courses at the 3000 level or above
- c) Honours Program: at least 14 courses at the 3000 level or above and a 70% in your specializations

3. MATH REQUIREMENT:

One of : MATH*1030	MATH*1080	MATH*1200	<input type="checkbox"/>
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4. ECONOMICS CORE:

ECON*1050	<input type="checkbox"/>	ECON*1100	<input type="checkbox"/>	ECON*2310	<input type="checkbox"/>	ECON*2410	<input type="checkbox"/>	ECON*2740	<input type="checkbox"/>
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5. ADDITIONAL ECONOMICS COURSES:

Honours Major	20 credits (generally 40 courses) <input type="checkbox"/> Minimum total Economics courses including core is 9 credits.			
ECON*2770 <input type="checkbox"/>	ECON*3100 or ECON*4700 <input type="checkbox"/>	ECON*3710 <input type="checkbox"/>	ECON*3810 <input type="checkbox"/>	
ECON*3740 <input type="checkbox"/>	ECON*4710 <input type="checkbox"/>	ECON*4810 <input type="checkbox"/>	Economic History* <input type="checkbox"/>	
5 other Economics courses at the 3000 or 4000 level with at least 3 at the 4000 level:				

Honours Minor	20 credits (generally 40 courses) <input type="checkbox"/> Minimum total Economics courses including core is 5 credits.			
5 Economics courses at the 3000 or 4000 level:				

**Economic History courses are: ECON*2320, ECON*2720, ECON*3550, ECON*3720 and ECON*4720.*

CHECKLIST - MATHEMATICAL ECONOMICS: MAJOR IN THE HONOURS B.A. PROGRAM

1. B.A. DISTRIBUTION REQUIREMENTS:

3 courses from the College of Arts (at least 2 departments)			
3 courses from Geography, Economics, Sociology, Psychology, Politics (at least 2 departments)			
2 courses in Natural and/or Mathematical Sciences			

2. RESTRICTIONS:

- a) 20 credits - 13 in core (40 courses)
- b) No more than 12 courses at the 1000 level
- c) At least 14 courses at the 3000 level or above
- d) At least 70% average in mathematical economic courses

3. ECONOMICS CORE:

ECON*1050 <input type="checkbox"/>	ECON*1100 <input type="checkbox"/>	ECON*2310 <input type="checkbox"/>	ECON*2410 <input type="checkbox"/>	ECON*3100 <input type="checkbox"/>
ECON*3710 <input type="checkbox"/>	ECON*3810 <input type="checkbox"/>	ECON*3740 <input type="checkbox"/>	ECON*4640 <input type="checkbox"/>	ECON*4700 <input type="checkbox"/>
ECON*4710 <input type="checkbox"/>	ECON*4810 <input type="checkbox"/>	ECON*4XXX <input type="checkbox"/>		
One of:	ECON*4840 Applied Econometrics II STAT*4350 Applied Multivariate Statistical Methods	MATH*3200 Real Analysis STAT*4340 Statistical Inference STAT*4360 Applied Time Series Analysis		

4. MATHEMATICS AND STATISTICS CORE:

MATH*1200 <input type="checkbox"/>	MATH*1210 <input type="checkbox"/>	STAT*2040 <input type="checkbox"/>
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5. RESTRICTED ELECTIVES:

Of the 8 courses, 2 must be at the 3000 level or above and the remaining 6 are 2000 level or above.			
MATH*XXXX <input type="checkbox"/>	MATH*XXXX <input type="checkbox"/>	STAT*XXXX <input type="checkbox"/>	STAT*XXXX <input type="checkbox"/>

6. COMPUTING COURSE:

CIS*1500 <input type="checkbox"/>

CHECKLIST - MANAGEMENT ECONOMICS AND FINANCE: B.COMM. PROGRAM

1. CORE COURSES

ECON*1050 <input type="checkbox"/>	ECON*1100 <input type="checkbox"/>	ECON*2310 <input type="checkbox"/>	ECON*2410 <input type="checkbox"/>	ECON*2560 <input type="checkbox"/>
ECON*2740 <input type="checkbox"/>	ECON*2770 <input type="checkbox"/>	ECON*3740 <input type="checkbox"/>		
ACCT*2220 <input type="checkbox"/>	ACCT*2230 <input type="checkbox"/>	BUS*3320 <input type="checkbox"/>	One of	CIS*1200 <input type="checkbox"/> CIS*1500 <input type="checkbox"/> MCS*2020
FARE*3310 <input type="checkbox"/>	HROB*2100 <input type="checkbox"/>	MATH*1030 <input type="checkbox"/>	MCS*1000 <input type="checkbox"/>	
MCS*3040 <input type="checkbox"/>	MGMT*1000 <input type="checkbox"/>	MGMT*4000 <input type="checkbox"/>		

2. RESTRICTED ELECTIVES:

Pick 3 of the following 4 Finance courses:				
ECON*3660 <input type="checkbox"/>	ECON*3760 <input type="checkbox"/>	ECON*3860 <input type="checkbox"/>	ECON*3960 <input type="checkbox"/>	

Pick one are of Emphasis				
Management <input type="checkbox"/>	Finance <input type="checkbox"/>			

3.

1.5 credits Liberal Education requirement		

AREAS OF EMPHASIS

A. MANAGEMENT AREA OF EMPHASIS

2.5 Credits in Economics of which .5 must be at the 4000 level and at most .5 at the 200 level. The 200 level economics course may be substituted with a 4000 level .5 credit in Accounting.

1.5 credits in restricted electives from the lists below. These courses are grouped in major topical areas but students may choose any course.

Accounting

ACCT*2240 ACCT*3230 ACCT*3280 ACCT*3330 ACCT*3340
ACCT*3350 ACCT*4220 ACCT*4230 ACCT*4240 ACCT*4270
ACCT*4290 ACCT*4350

Certified Human Resource Professional (CHRP)

ECON*2200 HROB*3010 HROB*3030 HROB*3070 HROB*3090
HROB*4060

Pre-Masters in Industrial Relations

ECON*2200 ECON*3520 ECON*3620 ECON*4790
HROB*3010 HROB*3030 HROB*3070 HROB*3090 HROB*4060

Leadership Certificate

HROB*2010 HROB*4010 HROB*4030 HROB*4100
POLS*2250 POLS*3440

Public Administration

ECON*3610 POLS*2250 POLS*2300 POLS*3210 POLS*3250 POLS*3270
POLS*3470

Real Estate & Housing

ECON*3500 REAL*1820 REAL*2820 REAL*3890 REAL*4820

Note: ECON*3500 and REAL*4820 count towards the Post Graduate Valuation Certificate offer by UBC.

Corporate Social Responsibility

BUS*4550 BUS*4560 ECON*2650 ECON*3300 ECON*4930
HROB*3030 REAL*2850
MGMT*3020 MGMT*4050 MGMT*4060

Marketing

MCS*2600 MCS*3000 MCS*3010 MCS*3620 MCS*4400

Food and Agribusiness

FARE*2050 FARE*2410 FARE*3030 FARE*4000 FARE*4220

B. Finance Area of Emphasis

ECON*3710 ECON*4560 One of ECON*3100 ECON*3810 ECON*4700

1.0 credits in Economics at the 3000 or 4000 level

1.5 credits in restricted electives from the lists below. These courses are grouped in major topical areas but students may choose any course.

Certified Financial Analyst (CFA)

ACCT*3330 ECON*4400 ECON*4660 ECON*4750 ECON*4760
ECON*4780 ECON*4800 ECON*4880

Quantitative Finance

MATH*2160 STATS*3100 STATS*3110 ECON*4640 ECON*4840

Pre-Masters in Economics

ECON*4710 ECON*4810 ECON*4640

EXAMPLES OF COOP PLACEMENTS AND PROJECTS

Agriculture and Agri-Food Canada - profile of the Nova Scotia Mink Industry
 CIBC Wood Gundy - An Overview of the Macreconomic growth of Eastern Asia
 Canadian Institute for Health Information - CIDI Data Dictionary
 Clayton Research - Optional Unit Coverage: An innovative insurance policy
 Co-operators General Insurance - Class A Series B shares trend analysis
 Goderich BAI - Feasibility Study of a downtown film festival in Goderich
 Greater KW Chamber of Commerce - Networking & Breakfast Series Analysis
 JD Power and Associates - Internship Guide
 Manulife financial - Chargeback Reporting process
 Ontario Ministry of Energy and Infrastructure - Assessment of the Municipal Performance Measurement Program
 Open Text - Reporting Manual
 RBC Financial - Greenhouse Floriculture Industry Review
 The Town of Milton - Fleet equipment analysis

CAREER OPPORTUNITIES

Graduates in Economics and Management Economics have a number of career options open to them since both the public and private sectors have exciting employment opportunities. Many of our students have received positions with various government agencies as Economists and Financial Analysts. As well, our students are employed in both large and small corporations in a variety of industries with several in the financial sector particularly. A number have gone on to further studies in accountancy, M.B.A, M.A, and Ph.D. programs in a variety of institutions within and outside Ontario.

Graduates have taken the following types of jobs:

Position	Company
Policy Financial Analyst	Ministry of Education Ministry of Finance
Accountant (CMA, CA, CGA)	CPMG McIntyre Power Inc. G.C. Robinson Clarkson Gordon and many more
Load Analyst	Ontario Hydro
Health Economics	Bayer
Loans Officer	National Trust Co. Ltd. RBC
Information Coordinator	Toronto Stock Exchange
Financial Analyst	Scotia Bank
Economist	Ministry of Treasury and Economics Department of Finance
Product Analyst	IBM Canada Ltd.
Credit Analyst	Stone Bridge Financial Corp.
Vice President	Fleishman Hillard International Communications

See the Department's "Career Board" located on the 7th Floor of the MacKinnon Building for current job postings. Career and employment links can also be found on the Department website at:
<http://www.economics.uoguelph.ca/Related%20Links/rlinks.htm>

The University provides "Career Services" through the Counselling and Student Resource Centre (Extension 52213) on the 3rd Floor of the University Centre. They are probably the best source of job-search-help on campus.

COLLEGE AWARDS

Bill Brohaman Memorial Scholarship

Value: \$1,500

Criteria: BComm student with 10 to 15 course credits. Academic achievement, extra-curricular activities and interest in a career in accountancy.

Cambrian Chemicals Inc. Scholarship

Value: \$5,000

Criteria: Completed 7.5 credits and have no more than 15 credits. Student must have a minimum of 75% and demonstrated interest in science and/or entrepreneurship.

CME Leadership Award

Value: Plaque.

Criteria: Demonstrates leadership and volunteerism at the college level within the BComm program. Application and letters of recommendation due by March 15 to the Dean's office.

CME Winegard Nominee

Background: Winner is the College nominee for the Winegard Medal, the University's most prestigious award. (The Medal is presented at the Board of Governors/ Senate Meeting in June).

Criteria: Graduating student who excels academically and in extra-curricular activities.

EXTERNAL AWARDS

CIBC Bursaries

Value: \$1,300

Criteria: Financial need. Application date October 7. Beyond Semester 1

Society of Management Accountants of Ontario Scholarship

Value: \$500

Criteria: Highest average in the 2 courses, BUS*2220 and BUS*3330.

SSHRC CGS Masters

Value: \$17,500

Criteria: Non-renewable twelve-month awards, valued at \$17,500, and tenable only at recognized Canadian universities, to applicants who will be registered as full-time students at the master's level in a discipline supported by SSHRC.

OGS

Value: \$15,000

Criteria: Tenable only at recognized Ontario universities, to applicants who will be registered as full-time students at the master's level. First-class average in each of the last two years of full-time study or equivalent.

DEPARTMENT AWARDS

John Kenneth Galbraith Scholarship in Economics

Value: \$600.

Criteria: 5th or 6th semester student; high academic standing in courses of specialization. Application must be made in writing by March 1.

John Vanderkamp Memorial Scholarship in Economics

Value: \$500

Criteria: Student registered in Economics Specialization who has completed between 12.5 and 15 credits.

Jack Madden Medal in Economic History

Value: \$200 plus medal.

Criteria: Graduating honours economics student with the highest grade in any Economic History Course.

Alumni Heritage Scholarship in Economics

Value: \$1,000

Criteria: Students must have 10 to 12.5 course credits and be registered in Economics in subsequent Fall. High academic standing and marked qualities of student leadership.

Warren Jestin Scholarship in Canadian Economic Policy

Value: \$600

Criteria: 6th or 7th semester student; high academic standing in at least 4 policy related courses.

William Furlong Scholarship in Microeconomics

Value: \$200

Criteria: Awarded to 3 students who achieve the highest final grades in Introductory Microeconomics in the Fall semester.

Third and Fourth Year Writing Prizes

Value: \$50

Criteria: An excellent piece of writing submitted by instructors of third and fourth year courses.

CLUBS

For students in the business oriented programs, club activities are an important way of "building a resumé".

Clubs give excellent opportunities to develop leadership skills, interests, as well as friendships. For more information about clubs on campus, phone the **Central Student Association (CSA)** at extension 56748 or visit their website at: <http://www.csaonline.ca/>

In particular the College of Management and Economics has a student association (**CMESA**) which can be reached through their website at: <http://www.cmesa.ca>

A link is provided as well to the **Economics Society** (<http://www.uoguelph.ca/~econsoc/>)
Their email is econsoc@uoguelph.ca.

EXCHANGES

During the winter semester, the Department of Economics invites applications from economics students who have completed 5 semesters of study and who wish to participate in a study-abroad program in Kiev, Ukraine in the fall semester. A very small number of applicants with high academic standing are selected.

The Department has a cooperative agreement with the EERC* Program in Economics in Kiev. The EERC Program is a Western-styled two-year program in economics leading to a Master's degree; the first year of the program offers courses that are similar to third and fourth year courses at the University of Guelph. Guelph students who participate in the Kiev semester will receive credit for the equivalent Guelph courses. English is the language of instruction and a number of the professors are visitors from Western Europe, Canada and the United States. Two faculty members from the Department of Economics at Guelph have taught at EERC in recent years.

Participants receive a one-semester tuition waiver but are responsible for their transportation, living, and other expenses. Based on academic merit, two scholarships in the amount of \$500 will be awarded.

**Economics Education and Research Consortium in collaboration with the Kyiv School of Economics.*