

# ECONOMICS AND FINANCE (EFIN)

Updated Jan. 28, 2021

**Coordinator:** M. Pandey; **Program Advisor:** D. Ng

## DEGREES/PROGRAMS OFFERED

4-Year BA  
4-Year BBA

## INTRODUCTION

The field of finance has its roots in the discipline of economics and business. This program will provide students with the conceptual tools to understand a number of issues from modern finance theory and applications. The program will provide students with a solid understanding of the operation of capital markets and capital market instruments, including equities, fixed income securities, as well as futures markets, options and other derivatives. The program will provide students with an in-depth understanding of topics in modern finance and financial economics as it relates to the capital structure of firms and how these financial instruments affect the overall operation of modern financial systems.

## NOTE ON DEPARTMENT COURSE ADMISSION REQUIREMENTS

Economics and Finance (EFIN) students are expected to meet course requirements specified by the department offering the courses. Please note that program courses may have somewhat different requirements for registration in certain courses. For example, Economics requires academic advising and approval from the Honours Advisor to register for 4000-level courses.

**NOTE:** Course Listings and Descriptions can be found under the appropriate Departmental Listings: Applied Computer Studies (ACS), Business and Administration (BUS), Economics (ECON), International Development Studies (IDS), Mathematics (MATH), Philosophy (PHIL), Politics (POL) and Statistics (STAT).

Students are advised to confirm Departmental offerings before planning their curriculum, as certain courses may not be available in each term. Students are advised to ensure that currently listed courses do not duplicate material studied previously under different course numbers.

## REQUIREMENTS FOR THE 4-YEAR BA IN ECONOMICS AND FINANCE

**ADMISSION REQUIREMENT** Students must consult with the Program Coordinator or Program advisor in planning their course of study.  
Minimum 30 credit hours completed previously.

**GRADUATION REQUIREMENT** 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Sciences: 6 credit hours in Science  
Social Sciences: 12 credit hours in Social Sciences  
Writing: Minimum 3 credit hours of Academic Writing.  
Indigenous: 3 credit hours in designated Indigenous requirement courses  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level.  
Of these, a maximum of 6 credit hours may be below the 1000 level.  
As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

## REQUIRED COURSES

### Required Courses Economics (15 Credit Hours)

ECON-1102 (3) Introduction to Economics: Micro  
ECON-1103 (3) Introduction to Economics: Macro  
ECON-2101 (3) Intermediate Economics: Micro  
ECON-2102 (3) Intermediate Economics: Macro  
ECON-2301 (3) Financial Markets and Financial Systems

**Required Courses Business (15 Credit Hours)**

BUS-1201 (3) Introduction to Business I  
 BUS-1202 (3) Introduction to Business II  
 BUS-2002 (3) Fundamentals of Financial Accounting  
 BUS-2210 (3) Fundamentals of Marketing  
 BUS-2501 (3) Fundamentals of Operations Management

**Required Cross-Listed Courses in Finance (choose 15 Credit Hours from the following):**

ECON/ BUS-2819 (3) Corporate Finance I  
 ECON/ BUS-2820 (3) Corporate Finance II  
 ECON/ BUS-3819 (3) Advanced Corporate Finance  
 ECON/ BUS-4800 (3) Investments  
 ECON/ BUS-4801 (3) Options, Futures and Derivatives  
 ECON/BUS-4802 (3) Topics in Finance I  
 ECON/BUS-4803 (3) Topics in Finance II

**Required Courses Quantitative Methods (15 Credit Hours)**

(i) 6 Credit Hours in Statistics: STAT-1401(3) Statistics I for Economics, Business and Social Sciences or STAT-1301(3) Statistical Analysis I, and STAT-1302(3) Statistical Analysis II or the equivalent.  
 (ii) 6 Credit Hours from the following courses: MATH-1103 (3) Introduction to Calculus I or MATH-1102 (3) Basic Calculus (Terminal) or ECON-1201(3) Quantitative Methods for Economics and Business, AND ECON-2201(3) Mathematics for Economics and Finance. [Please note that ECON-1201 (3) or MATH-1301 (3) is required as a prerequisite for many second-year courses in Business such as BUS-2002 (3), BUS-2103 (3), BUS-2210 (3), BUS-2501 (3)]  
 (iii) 3 additional credit hours: ECON-3201 (3) Econometrics for Economics and Finance or ACS-1803 (3) Introduction to Information Systems or MATH-1104(3) Calculus II or MATH-1201(3) Linear Algebra I or MATH-2413 (3) Introduction to Mathematical Finance.

**Additional Required Courses Economics (choose 15 credit hours from the following):**

ECON-2302 (3) Money and Banking  
 ECON-3104 (3) Modern Microeconomics for Economics and Business  
 ECON-3319 (3) Managerial Economics  
 ECON/BUS-3320 (3) Managerial Finance  
 ECON-3302 (3) International Finance: Theory and Policy  
 ECON-3303 (3) Economics of Public Expenditures: Theory and Policy  
 ECON-3304 (3) Economics of Taxation: Theory and Policy  
 ECON-3311(3) Government Policy Towards Business  
 (Check with Program Advisor for additional Economics courses satisfying this requirement.)

**Corporate Social Responsibility Requirement (choose 3 credit hours from the following):**

BUS-3110 (3) Ethics in Management  
 BUS 3255 (3) Social Enterprise: From Theory to Practice  
 PHIL-2233 (3) Environmental Ethics  
 PHIL-2201 (6) Moral Philosophy  
 PHIL-2230(3) Moral Issues in Business  
 IDS-3101 (3) Development Ethics

**Suggested Elective courses:**

BUS-2103 (3) Fundamentals of Organizational Behaviour  
 BUS-2003 (3) Managerial Accounting  
 POL-2320 (3) Government-Business Relations in Canada or ECON-3311 (3) Government Policy towards Business

## REQUIREMENTS FOR THE 4-YEAR BBA IN ECONOMICS AND FINANCE

**ADMISSION REQUIREMENT** Students must consult with the Program Coordinator or Program advisor in planning their course of study.  
 Minimum 30 credit hours completed previously.

**GRADUATION REQUIREMENT** 120 credit hours

**RESIDENCE REQUIREMENT**  
 Degree: Minimum 60 credit hours  
 Major: Minimum 30 credit hours

**GENERAL DEGREE REQUIREMENT**

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 Social Sciences: 12 credit hours in Social Sciences  
 Writing: Minimum 3 credit hours of Academic Writing.  
 Indigenous: 3 credit hours in designated Indigenous requirement courses  
 Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. As a result, students must take a minimum of 78 credit hours at the 2000-level or above in order to not exceed the maximum number of introductory courses.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

## REQUIRED COURSES

### Required Courses Business (15 Credit Hours)

BUS-1201 (3) Introduction to Business I  
BUS-1202 (3) Introduction to Business II  
BUS-2002 (3) Fundamentals of Financial Accounting  
BUS-2210 (3) Fundamentals of Marketing  
BUS-2501 (3) Fundamentals of Operations Management

### Required Courses Economics (15 Credit Hours)

ECON-1102 (3) Introduction to Economics: Micro  
ECON-1103 (3) Introduction to Economics: Macro  
ECON-2101 (3) Intermediate Economics: Micro  
ECON-2102 (3) Intermediate Economics: Macro  
ECON-2301 (3) Financial Markets and Financial Systems

### Required Cross-Listed Courses in Finance (choose 15 Credit Hours from the following)

BUS/ECON -2819 (3) Corporate Finance I  
BUS/ECON -2820 (3) Corporate Finance II  
BUS/ECON -3819 (3) Advanced Corporate Finance  
BUS/ECON -4800 (3) Investments  
BUS/ECON -4801 (3) Options, Futures and Derivatives  
ECON/BUS-4802 (3) Topics in Finance I  
ECON/BUS-4803 (3) Topics in Finance II

### Required Courses Quantitative Methods (15 Credit Hours)

(i) 6 Credit Hours in Statistics: STAT-1401(3) Statistics I for Economics, Business and Social Sciences or STAT-1301(3) Statistical Analysis I, and STAT-1302(3) Statistical Analysis II or the equivalent.  
(ii) 6 Credit Hours from the following courses: MATH-1103 (3) Introduction to Calculus I or MATH-1102 (3) Basic Calculus (Terminal) or ECON-1201(3) Quantitative Methods in Economics and Business, AND ECON-2201(3) Mathematics for Economics and Finance. [Please note that ECON-1201 (3) or MATH-1301 (3) is required as a prerequisite for many second-year courses in Business such as BUS-2002 (3), BUS-2103 (3), BUS-2210 (3), BUS-2501 (3)]  
(iii) 3 additional Credit Hours: ECON-3201 (3) Econometrics for Economics and Finance or ACS-1803 (3) Introduction to Information Systems or MATH-1104(3) Calculus II or MATH-1201(3) Linear Algebra I or MATH-2413 (3) Introduction to Mathematical Finance.

### Additional Required Courses (18 Credit Hours)

Required 12 credit hours:  
BUS-2003 (3) Managerial Accounting  
BUS-2103 (3) Fundamentals of Organizational Behaviour  
BUS-2440 (3) Fundamentals of Human Resource Management  
POL-2320 (3) Government-Business Relations in Canada or ECON-3311 (3) Government Policy towards Business

### Corporate Social Responsibility Requirement (choose 3 credit hours from the following):

BUS-3110 (3) Ethics in Management  
BUS 3255 (3) Social Enterprise: From Theory to Practice  
IDS-3101 (3) Development Ethics  
PHIL-2201 (6) Moral Philosophy  
PHIL-2230(3) Moral Issues in Business  
PHIL-2233 (3) Environmental Ethics

### Integrative Course Requirement: (choose 3 credit hours from the following):

BUS-4220 (3) International Business  
BUS-4540 (3) International Marketing  
BUS-4901 (3) Business Strategy  
BUS-4940 (3) Emerging Markets and Business Practices

### Suggested Elective courses:

ECON-2302 (3) Money and Banking  
ECON-3104 (3) Modern Microeconomics for Economics and Business  
ECON-3302 (3) International Finance: Theory and Policy  
ECON-3319 (3) Managerial Economics  
ECON-3320 (3) Managerial Finance  
ECON-3302 (3) International Finance: Theory and Policy  
ECON-3303 (3) Economics of Public Expenditures: Theory and Policy  
ECON-3304 (3) Economics of Taxation: Theory and Policy  
ECON-3311(3) Government Policy Towards Business  
(Check with Program advisor for additional elective courses in Economics.)

All course descriptions for all undergraduate programs can now be found in one large PDF called "All course descriptions" in the "Academic Calendar" section of the University website: <http://uwinnipeg.ca/academics/calendar/index.html>