

Course Sequence: Bachelor of Commerce–Honours Business Administration and Mathematics

Semester 1	Course	Pre-Requisites
STEN-1000	Introduction to Business	None
ECON-1100	Introduction to Economics I	None
MATH-1250 or MATH-1260 <i>(These courses are anti-requisites)</i>	Linear Algebra I Vectors and Linear Algebra	MHF4U and MCV4U or MATH-1280 MHF4U
MATH-1720 or MATH-1760 <i>(These courses are anti-requisites)</i>	Differential Calculus Functions & Differential Calculus	MHF4U and MCV4U or MATH-1780 MHF4U
COMP-1400	Introduction to Algorithms & Programming I	None

Semester 2		
ECON-1110	Introduction to Economics II	None
ACCT-1510	Principles of Financial Accounting	ECON-1100, MATH-1980 (or equiv.) STEN-1000
MGMT-1000	Business Communications	STEN-1000 <i>(can be taken concurrently)</i>
MATH-1730	Integral Calculus	MATH-1760 or MATH-1720
COMP-1410	Introduction to Algorithms and Programming II	COMP-1000 (or MATH-1720) and COMP-1400

Semester 3		
ACCT-2550	Principles of Managerial Accounting	ACCT-1510 <i>(or consent of instructor)</i>
MGMT-2400	Management and Organizational Life	MGMT-1000, STEN-1000
FINA-2700	Business Finance I	MATH-1980 (or equiv.), ACCT-1510, MGMT-1000, STEN-1000, MSCI-1000 (not req'd)
MATH-2250	Linear Algebra II	MATH-1020, and one of MATH-1250, MATH-1260 or MATH-1270
STAT-2920	Introduction to Probability	MATH-1730

Semester 4		
MSCI-2130	Introduction to Management Information Systems	MGMT-1000, STEN-1000, MSCI-1000 (not req'd)
MSCI-2200	Quantitative Decision Models	MATH-1980 (or equiv.), MGMT-1000, MSCI-2020 (or STAT 2920)
MKTG-1310	Principles of Marketing	None
MATH-2251	Linear Algebra III	MATH-2250
MATH-1020	Mathematical Foundations	One of: COMP-1000, MATH-1250, MATH-1260, MATH-1270

Semester 5		
<i>One of:</i> MSCI 3310 or MSCI 3410	Operations Management I Supply Chain Mgmt I: Intro to Fundamentals	MSCI 2200 MSCI 2200
MGMT-2430	Human Resource Management	MGMT-1000, STEN-1000
FINA-2710	Business Finance II	FINA-2700, MSCI-2020 (or STAT 2920)
MATH-3580	Introduction to Analysis I	MATH-1730, MATH-1020 and one of MATH-1250, MATH-1260 or MATH-1270
One of the following: STAT-3960 (Winter only) -OR-	Stochastic Operations Research	STAT-2920, MATH-1250 or MATH-1260, MATH-1730 (anti-requisite: INDE-4120)
*ACSC-3980 (Fall only) -OR-	Theory of Interest	MATH-1730 or instructor consent
MATH-3960 (Fall only) -OR-	Linear Optimization	MATH-2250 or consent. Antirequisite: INDE-3120
**FINA-4720 (Fall/Winter) -OR-	Portfolio Management	FINA-3710
MATH-4960 <i>(discontinued as of W23)</i>	Portfolio Optimization	MATH-2251

Semester 6		
STEN-3970	The Law and Business Administration	MGMT-2430
1x Option	Business Administration Elective	As required.
MATH-2780	Vector Calculus	MATH-1730, and one of MATH-1250, MATH-1260 or MATH-1270
MATH-2790	Differential Equations	MATH-1730, and one of MATH-1250, MATH-1260 or MATH-1270
STAT-2950	Introduction to Statistics	STAT-2920

Semester 7		
MGMT-3000	Business Ethics	MGMT-2430
MATH-3200	Abstract Algebra	MATH-2250 or MATH-3270
3x Option	Business Administration Elective	As required.

Semester 8		
STEN-4980	Strategic Management	All Business core courses
1x Option	Business Administration Elective	As required.
MATH-3581	Introduction to Analysis II	MATH-3580
MATH-3590	Complex Variables	MATH-2780; Corequisite: MATH-2790
One of the following NOT already taken:		
STAT-3960 (Winter only) -OR-	Stochastic Operations Research	STAT-2920, MATH-1250 or MATH-1260, MATH-1730 (anti-requisite: INDE-4120)
*ACSC-3980 (Fall only) -OR-	Theory of Interest	MATH-1730 or instructor consent
MATH-3960 (Fall only) -OR-	Linear Optimization	MATH-2250 or consent. Antirequisite: INDE-3120
**FINA-4720 (Fall/Winter) -OR-	Portfolio Management	FINA-3710
MATH-4960 (discontinued as of W23)	Portfolio Optimization	MATH-2251

**Note: ACSC 3980 was previously numbered MATH 3980.*

***Note: Those who take FINA 4720 must complete the pre-requisite of FINA 3710 as one of the five business elective courses.*

All core Business courses are offered every semester. Electives will vary: <https://www.uwindsor.ca/business/728/academic-advising>

Mathematics and Statistics course offerings: <https://www.uwindsor.ca/science/math/729/course-offerings>

Computer Science course offerings: <https://www.uwindsor.ca/science/computerscience/1082/tutoring-and-academic-assistance>

This is only a guide. The University Calendar outlines academic regulations and standards, program degree requirements, and general University policies: <https://www.uwindsor.ca/secretariat/282/undergraduate-and-graduate-calendars>.