

Course Sequence: Bachelor of Commerce – Honours Business Administration and Computer Science

<u>Semester 1</u>	<u>Course</u>	<u>Pre-requisites</u>
STEN 1000	Introduction to Business	None
ECON 1100	Introduction to Economics I	None
COMP 1000	Key Concepts in Computer Science	None
COMP 1400	Introduction to Algorithms and Programming I	None
MATH 1720	Differential Calculus	Grade 12 “U”-level Math

<u>Semester 2</u>	<u>Course</u>	<u>Pre-requisites</u>
ECON 1110	Introduction to Economics II	None
COMP 1410	Introduction to Algorithms & Programming II	COMP 1000 (or MATH 1720) COMP 1400
STAT 2910	Statistics for the Sciences	Grade 12 “U”-level Math
ACCT 1510	Principles of Financial Accounting	ECON 1100 MATH 1980 or MATH 1720 (or equiv.) STEN 1000
MGMT 1000	Business Communications	STEN 1000 (<i>can be taken concurrently</i>)

<u>Semester 3</u>	<u>Course</u>	<u>Pre-requisites</u>
COMP 2120	Object Oriented Programming Using JAVA	COMP 1410
COMP 2650	Computer Architecture I: Digital Design	COMP 1400
MATH 1250	Linear Algebra I	Grade 12 “U”-level Math
ACCT 2550	Principles of Managerial Accounting	ACCT 1510 (<i>or consent of instructor</i>)
MGMT 2400	Organizational Behaviour	MGMT 1000 STEN 1000

<u>Semester 4</u>	<u>Course</u>	<u>Pre-requisites</u>
COMP 2540	Data Structures and Algorithms	COMP 1000 COMP 1410
COMP 2560	Systems Programming	COMP 1410
MGMT 2430	Human Resource Management	MGMT 1000 STEN 1000
MSCI 2200	Quantitative Decision Models	MATH 1980 or MATH 1720 (or equiv.) MGMT 1000 MSCI 2020 or STAT 2910
MKTG 1310	Principles of Marketing	None

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<u>Semester 5</u>	<u>Course</u>	<u>Pre-requisites</u>
COMP 3150	Database Management Systems	COMP 2540 and 1 of either: COMP 2560 <u>or</u> COMP 2650
COMP 3670	Computer Networks	COMP 2120, COMP 2540 or COMP 2547, COMP 2560 and COMP 2650. Recommended corequisite: COMP 3300
FINA 2700	Business Finance I	MATH 1980 or MATH 1720 (or equiv.) ACCT 1510 MGMT 1000 STEN 1000 MSCI 1000 (not req'd for BComm/CompSci majors)
<i>One of:</i> MSCI 3310 or MSCI 3410	Operations Management I Supply Chain Mgmt I: Intro to Fundamentals	MSCI 2200 MSCI 2200
1x Option	Computer Science elective, 3000+ Level	As required

<u>Semester 6</u>	<u>Course</u>	<u>Pre-requisites</u>
COMP 3340	World Wide Web Info Systems Development	COMP 2120 COMP 2540
COMP 3300	Operating System Fundamentals	COMP 2120, COMP 2540, COMP 2560, and 1 of either COMP 2650 or COMP 2660
FINA 2710	Business Finance II	FINA 2700 MSCI 2020 or STAT 2910
STEN 3970	The Law and Business Administration	MGMT 2430
1x Option	Business elective	Consult an Academic Advisor

<u>Semesters 7 & 8</u>	<u>Course</u>	<u>Pre-requisites</u>
MGMT 3000	Business Ethics	MGMT 2430
STEN 4980	Strategic Management	All Business core courses
COMP 4250	Big Data Analytics and Database Design	COMP 3150 or COMP 3250
6x Option	Business elective	Consult an Academic Advisor
1x Option	Computer Science elective, 3000+ Level	As required

Any Computer Science course ending in 7 (i.e. COMP 1047, COMP 2057, COMP 2067, COMP 2077, COMP 2087, COMP 2097, COMP 2547, COMP 2707, COMP 3037, COMP 3057, COMP 3067, COMP 3077, etc.) may **not** be used to fulfill the major requirements of any major or joint major in Computer Science.

MSCI 1000, MSCI 2130 and MSCI 2020 are not required for this program, however, they may be taken as Business electives. If MSCI 2020 is taken, it must be taken **PRIOR** to STAT 2910.

If you are unable to register in any of the above Business courses, please email: business@uwindsor.ca

If you are unable to register in any of the above Computer Science courses, please email: csinfo@uwindsor.ca

Business Academic Advising Resources: <https://www.uwindsor.ca/business/728/academic-advising>

Computer Science Tutoring and Academic Resources: <https://www.uwindsor.ca/science/computerscience/1082/tutoring-and-academic-assistance>

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