

Information Technology Management (ITM) Checklist – 2024/2025

In case of discrepancies between this checklist with the Undergraduate Studies Academic Calendar, the latter will be the authoritative power.

Math Faculty Core (10 courses/5 units)		Business Courses (13 courses/6.5 units)	
<input type="checkbox"/>	MATH 1[34]5 Algebra	<input type="checkbox"/>	AFM 101 Introduction to Financial Accounting
<input type="checkbox"/>	MATH 1[34]6 Linear Algebra 1	<input type="checkbox"/>	AFM 102 Introduction to Managerial Accounting
<input type="checkbox"/>	MATH 1[34]7 Calculus 1	<input type="checkbox"/>	AFM 231/COMM 231/LS 283 Business Law
<input type="checkbox"/>	MATH 1[34]8 Calculus 2	<input type="checkbox"/>	BUS 111W Understanding the Business Environment
<input type="checkbox"/>	MATH 2[34]5 Linear Algebra 2	<input type="checkbox"/>	BUS 121W Critical Thinking and Communication Skills
<input type="checkbox"/>	MATH 2[34]9 Introduction to Combinatorics	<input type="checkbox"/>	BUS 252W Introduction to Marketing Management or MGMT 244/ARBUS 302 Principles of Marketing
<input type="checkbox"/>	STAT 2[34]0 Probability	<input type="checkbox"/>	BUS 381W Strategic Management I
<input type="checkbox"/>	STAT 2[34]1 Statistics	<input type="checkbox"/>	COMM 431 Project Management
<input type="checkbox"/>	CS 1[134]5 Computer Science 1	<input type="checkbox"/>	COMM 432 Electronic Business
<input type="checkbox"/>	CS 1[134]6 Computer Science 2*	<input type="checkbox"/>	ECON 101 Introduction to Microeconomics
Communication Courses** (2 courses/1 unit)		<input type="checkbox"/>	ECON 102 Introduction to Macroeconomics
<input type="checkbox"/>	List I Communication Course	<input type="checkbox"/>	MSE 211 Organizational Behaviour
<input type="checkbox"/>	List II Communication Course	<input type="checkbox"/>	MSE 311 Organizational Design and Technology
CS Courses (5 courses/2.5 units)		Society, Technology and Values Courses (2 courses/1 unit)	
<input type="checkbox"/>	CS 230 Introduction to Computers and Computer Systems	<input type="checkbox"/>	STV 202 Design and Society
<input type="checkbox"/>	CS 330 Management Information Systems	One additional course chosen from the following list	
<input type="checkbox"/>	CS 338 Computer Applications in Business: Databases	<input type="checkbox"/>	STV 302 Information Technology and Society
<input type="checkbox"/>	CS 430 Applications Software Engineering	<input type="checkbox"/>	STV 304 Technology in Canadian Society
<input type="checkbox"/>	CS 436 Networks and Distributed Computer Systems	<input type="checkbox"/>	STV 305 Technology, Society and the Modern City
		<input type="checkbox"/>	STV 306 Biotechnology and Society
Common Math Courses (5 courses/2.5 units)		<input type="checkbox"/>	STV 400 Society, Technology and Values: Senior Project
<input type="checkbox"/>	ACTSC 2[23]1 Intro Financial Mathematics	<input type="checkbox"/>	STV 401 Society, Technology and Values: Advanced Topics
<input type="checkbox"/>	CO 25[05] Introduction to Optimization		
<input type="checkbox"/>	STAT 371 Applied Linear Models and Process Improvement for Business	Elective Courses (3 courses/1.5 units)	
<input type="checkbox"/>	STAT 372 Survey Sampling and Experimental Design Techniques for Business	<input type="checkbox"/>	
<input type="checkbox"/>	One additional 300 OR 400-level math course (0.5 unit) from ACTSC, AMATH, CO, CS, MATBUS, MATH, PMATH, or STAT	<input type="checkbox"/>	
		<input type="checkbox"/>	

ADMISSION:

Math Faculty Students with a 65% overall average after completing at least 10 courses are eligible for consideration for admission. Please submit a Plan Modification Form (<https://uwaterloo.ca/forms/undergraduate-studies/plan-modification-form>) to the ITM Advisors.

Students not in the Math Faculty must first be admitted to Math before being admitted to the ITM program.

COURSE REQUIREMENTS:

1. Successful completion of all the required courses.
2. A minimum of 8 "Full-Time Terms" for Co-op students and at least 7 "Full-Time terms" for Regular students.
[A full-time term is a term with final grades in at least 3 courses (1.5 units).]
3. A maximum of 4 courses (2.0 units) failed.

AVERAGE REQUIREMENTS:

1. A "Cumulative Overall Average" (CAV) of at least 60%. [This is the average of all marks in all courses taken during your undergraduate studies in the Math Faculty.]
2. A "Major Average" (MAV) of at least 60%. [This is the average of all math courses – courses with the following prefixes: ACTSC, AMATH, CM, CO, CS, MATBUS, PMATH, STAT.]
3. A "Special Major Average" (SMAV) of at least 60%. [This is the average of all courses with the following prefixes: BUS, COMM, MSE, and STV]

CO-OP REQUIREMENTS (CO-OP DEGREES ONLY):

1. At least 5 successful Work Terms.
2. At least 5 successfully completed "Professional Development" (PD) courses.

CHECKING DEGREE PROGRESS:

If you would like one of the advisors to go over your degree progress may you please...

1. Fill out this checklist, save it as a pdf document, and then send it to one of the advisors.
3. If you know which courses you are taking in a future semester please include that in an Excel spreadsheet divided by term. You may want to use the projected course offerings listing so you know which courses within the math faculty are projected to be taught (<https://uwaterloo.ca/math-business-accounting-programs/current-students/projected-course-offerings>).
4. Please note that though we can go over your degree progress, it is the student's responsibility to ensure all degree requirements are met.

NOTES:

*if you take CS 136 or CS 146 you will also need to take CS 136L as a co-requisite. Please note that you will need to put both in Quest at the same time to register into the course for course selection in the upcoming term.

**Please note that taking these courses will satisfy the Math Faculty's communication course requirement (See the calendar for details; at least one course must be from List 1). Please note that you must complete one of these courses by your 2A term.

Students with transfer credits are encouraged to consult with an ITM academic advisor.

Any questions or concerns should be directed to the ITM advisors.