Information Technology Management (ITM) Checklist – 2020/2021

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 (15 courses/7.5 units)	
❑	MATH 1[34]5 Algebra	❑	AFM 101 Introduction to Financial Accounting
❑	MATH 1[34]6 Linear Algebra 1	❑	AFM 102 Introduction to Managerial Accounting
❑	MATH 1[34]7 Calculus 1	❑	AFM 231/COMM 231/LS 283 Business Law
❑	MATH 1[34]8 Calculus 2	❑	BUS 111W Understanding the Business Environment
❑	MATH 2[34]5 Linear Algebra 2	❑	BUS 121W Functional Areas of the Organization
❑	MATH 2[34]9 Introduction to Combinatorics	❑	BUS 352W/BUS 252W Introduction to Marketing Management*** or MGMT 244/ARBUS 302 Principles of Marketing
❑	STAT 2[34]0 Probability		
❑	STAT 2[34]1 Statistics	❑	BUS 481W Business Policy I/BUS 381W Strategic Management***
❑	CS 1[134]5 Computer Science 1	❑	COMM 431 Project Management
❑	CS 1[134]6 Computer Science 2*	❑	COMM 432 Electronic Business
		❑	ECON 101 Introduction to Microeconmics
Communication Courses (2 courses/1 unit)		❑	ECON 102 Introduction to Macroeconomics
❑	List I Communication Course	❑	MSCI 211 Organizational Behaviour
❑	List II Communication Course	❑	MSCI 311 Organizational Design and Technology
		❑	STV 202 Design and Society
	CS Courses (5 courses/2.5 units)	❑	One additional 300- or 400-level STV course (0.5 unit)
❑	CS 230 Introduction to Computers and Computer Systems		
❑	CS 330 Management Information Systems	**Elective Courses (3 courses/1.5 units)**	
❑	CS 338 Computer Applications in Business: Databases	❑	
❑	CS 430 Applications Software Engineering	❑	
❑	CS 436 Networks and Distributed Computer Systems	❑	
Common Math Courses (5 courses/2.5 units)			
❑	CO 25[05] Introduction to Optimization		
❑	MATBUS 371 Introduction to Corporate Finance		
❑	STAT 371 Applied Linear Models and Process Improvement for Business		
❑	STAT 372 Survey Sampling and Experimental Design Techniques for Business		
❑	One additional 300 OR 400-level math course (0.5 unit) from ACTSC, AMATH, CO, CS, MATBUS, MATH, PMATH, or STAT		

ADMISSION:

Math Faculty Students with a 65% overall overage 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, MSCI, 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.

***BUS 352W has changed to BUS 252W and BUS 481W has changed to BUS 381W at Wilfrid Laurier effective the 2024/2025 calendar. Due to this, though it is not in the calendar you will need to take BUS 252W instead of BUS 352W and BUS 381W instead of BUS 481W.

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

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