

ICM International Year One (UTP Stage II)

Engineering Program Planning Guide

ICM will provide, upon request, information through a communication support or accessible format.

Type of Course	Course Code	Term	Credit Hour Value	Letter Grade Earned
Required by ICM	ILS		0	
Written English Course (W)	ENGL 1400 or POLS 1502		3	
Required	CHEM 1100		3	
Required	COMP 1012		3	
Required	ENG 1430		3	
Required	ENG 1440		3	
Required	ENG 1450		3	
Required	ENG 1460		3	
Required	MATH 1210		3	
Required	MATH 1500		3	
Required	MATH 1700		3	
Required	PHYS 1050		3	
Required Complimentary Studies Elective	PHIL 1290		3	
Total			30 cr. hours	

1. **PHIL 1290** - Critical Thinking is the recommended complementary studies elective. Students may; however, select any course from the Faculties of Arts or Management (Asper School of Business) at the 1000 level or above, except for ARTS 1110 - Introduction to University.
2. **Optional courses** that are listed on page 2 is **not** included in the AGPA Calculation for Admission into UM Price Faculty of Engineering. Students who have completed at least eight courses from the above list, excluding optional courses, by May 1st of each academic year will be ranked and admitted on a competitive basis based on the average of the best eight marks in courses in the above table, **excluding** optional courses. If a student repeats a course, UM will take the grades of the latest attempt.
3. **MATH 1300** is not an acceptable equivalent to MATH 1210.
4. To complete ICM 30 unique credit hours. Best 10, 2.0 is required (does not include failed/repeated courses).
5. CGPA includes all failed and/or repeated courses.

Important Information

- Engineering is a highly **competitive** faculty. Admission to undergraduate programs in the Price Faculty of Engineering is based on an admission GPA calculated on the **best eight courses** of the following twelve **required** courses in the table above.
- Please review this guide in conjunction with the [Applicant Information Bulletin](#) to ensure that you have understood all admission requirements and policies for the intake for which you apply.
- Please review the course list of [Preferred 8 by Department](#) recommended by the faculty to ensure that you have the appropriate prerequisites for the Departmental program courses.
- Students can only begin studying in the Price Faculty of Engineering in **September** of each year.
- Please refer to [Academic Calendar](#) for upcoming Advanced Deadline, Faculty Academic Regulations and a full list of courses for your specific Major.
- From ICM Handbook Section **5.7.4 Engineering Good Standing Policy**

It is the student’s responsibility to check the University of Manitoba Applicant Information Bulletin for the relevant Faculty to obtain official information. In the event of a discrepancy between the Planning Sheets and the information in the University of Manitoba General Calendar, the General Calendar will prevail.

ICM International Year One (UTP Stage II)

Engineering Program Planning Guide

ICM will provide, upon request, information through a communication support or accessible format.

- If a student does not maintain a 2.50 CGPA, he, she, or they shall be ‘Ineligible to Study in the International Year One (UTP Stage II) Engineering Program’.
If a student accumulates more than 18 credit hours of ‘F’ or ‘D’ grades in UTP Stage II level courses, he, she, or they shall be ‘Ineligible to Study in the UTP Stage II Engineering program’, as 18 credit hours is the maximum number of F and D grades, including repeats, allowed by the Faculty of Engineering in a student’s first 72 credit hours attempted.
- If you are starting your ICM program in Fall (September), you must select ILS + 4 required credit courses in your first term and 4 required credit courses in your second term to be eligible for the upcoming September intake. If you are starting your program in January or May, consult a Student Advisor for assistance in planning your progression into the faculty.

Programs

- [Biosystems Engineering, B.Sc.](#)
- [Civil Engineering, B.Sc.](#)
- [Computer Engineering, B.Sc.](#)
- [Electrical Engineering, B.Sc.](#)
- [Mechanical Engineering, B.Sc.](#)
- **Optional courses**, the following Engineering courses may be applied to your program upon successful transfer to your chosen department at UM. Students remaining at ICM for an additional semester, with no remaining required courses or unavailable required courses, may take these as electives.

Course	Note
CHEM 1110	<ul style="list-style-type: none">• Degree Requirement for Biosystems, Mechanical and Civil• Part of the natural science elective for Computer and Electrical, students need to complete 2 Natural Science elective.
CHEM 1120	<ul style="list-style-type: none">• Degree Requirement for Biosystems, Mechanical and Civil• Students transferring in from any non-engineering faculty including ICM who have previously completed CHEM 1120 will be given credit for CHEM 1122 and CHEM 1126. CHEM 1122 and CHEM 1126 are each 1.5 credits
COMP 1020	Degree Requirement for Computer and part of the technical elective of Electric
MBIO 1220	<ul style="list-style-type: none">• Degree Requirement for Biosystems• Part of the natural science elective for Computer and Electrical, students need to complete 2 Natural Science elective.
BIOL 1020, BIOL 1030	Part of the natural science elective for Computer and Electrical , students need to complete 2 Natural Science elective.

***Please review the [UM Academic Calendar](#) for more information. Please meet with an advisor before you enroll in the above mentioned optional courses.**

As announced by IRCC (Immigration, Refugees and Citizenship Canada), starting November 8, 2024, students must be enrolled in the designated learning institution (DLI) named on their study permit. To transition to UM, students will need to obtain a new study permit with the UM’s DLI included by applying to extend their current one. Information about this process can be found on the [IRCC Website](#).

Additionally, ICM works with an Immigration Lawyer to provide a variety of immigration-related workshops and one-on-one consulting sessions to students, including sessions on how to apply to extend a study permit. Students will receive notice of these events through student communications and via Student Portal.

It is the student’s responsibility to check the University of Manitoba Applicant Information Bulletin for the relevant Faculty to obtain official information. In the event of a discrepancy between the Planning Sheets and the information in the University of Manitoba General Calendar, the General Calendar will prevail.