

INDU MEng course sequence for students starting Winter 2025

(see also <https://users.encs.concordia.ca/~gouw/meng/>)

MEng OPTION	YEAR 1 Fall	YEAR 1 Winter	YEAR 2 Summer 1	YEAR 2 Summer 2	YEAR 2 Fall	YEAR 2 Winter	YEAR 3 Summer 1	
II Lean Systems Engineering		INDU 6121	INDU 6310	INDU 6211	INDU 6990 (2-term course)			
		INDU 6311			INDU 6241	INDU 6151		
		1 credit course			INDU 6341	INDU 6321		
	1 elective on list E12 , E01 , or MECH courses							
III Supply Chain Engineering		INDU 6121	INDU 6310	INDU 6211	INDU 6990 (2-term course)			
		INDU 6311			INDU 6161	INDU 6141		
		1 credit course			INDU 6251	INDU 6151		
	1 elective on list E12 , E01 , or MECH courses							
IV Industrial Optimizations and Systems Analytics		INDU 6121	INDU 6310	INDU 6211	INDU 6990 (2-term course)			
		INDU 6311			INDU 6111	INDU 6361		
		1 credit course			INDU 6611	INDU 6371		
	1 elective on list E12 , E01 , or MECH courses							
V Reliability and Maintenance Engineering		INDU 6121	INDU 6310	INDU 6211	INDU 6990 (2-term course)		INDU 6351 *	
		INDU 6311			INDU 6381	INDU 6391	*could take in Year 2 Sum 1	
		1 credit course			1 elective	INDU 6421		
	1 elective on list E12 , E01 , or MECH courses							
VI General Stream		INDU 6121	INDU 6310	INDU 6211	INDU 6990 (2-term course)			
		INDU 6311	5 electives on list E12 , E01 , or MECH courses					
		1 credit course						
	1 elective on list E12 , E01 , or MECH courses							

- Full-time is defined as taking at least 9 credits. All INDU courses are 4 credits, except for INDU 6990 which is 8 credits.
- Most students who do not take the specified courses in Year 1 Winter and Year 2 Summer 1 and Summer 2 will not be able to take the Year 2 2-term (Fall + Winter) capstone course (INDU 6990) and thus delay completion of their program by one year, effectively switching over to the Fall 2025 entry course sequence and being a few courses ahead of that sequence.
- Students who must take ENCS 6721 and/or ENCS 5721 as part of the Qualifying Program do not have to take the 1-credit course, and should replace that by a required ENCS course. If a second ENCS course is required that should be added in Summer 1 or Summer 2.
- Many MECH courses are reserved for MECH and AERO students and are not available for INDU students. Always select electives that are available to INDU students.
- Note that there is no course sequence for [I Engineering Management](#) as that requires students to have a full-time engineering job at a local company to do their two [industrial stages](#), as required by the program. It is also the nature of the option that we can accept only very few students. International students are thus not accepted for the Engineering Management option.