

Diploma in Engineering (69 credit hours) Program Requirements by Term

Fall Semester Year 1 (Sept-Dec)	Winter Semester Year 1 (Jan-April)	Fall Semester Year 2 (Sept-Dec)	Winter Semester Year 2 (Jan-April)
EGNE 1206 Technical Communications	EGNE 1203 ^{S1} Engineering Mechanics 1: Statics	EGNE 2303 ^W Thermodynamics	MATH 2303 ^{S2} Differential Equations I
EGNE 1210 ^{S1} Engineering Design 1: Graphics	CSCI 1227 ^{S1} Computer Programming & Problem Solving	EGNE 2308 ^W Electric Circuits I	EGNE 2302 ^{S2} Engineering Economics
MATH 1210 ^{W, S1, S2} Introductory Calculus I	MATH 1211 ^{S1, S2, F} Introductory Calculus II	MATH 2301 ^{S1} Applied Linear Algebra	EGNE 2309 ^{S2} Probability & Statistics
PHYS 1210 ^W University Physics I	PHYS 1211 ^{S1} University Physics II	MATH 2311 ^{S1} Intermediate Calculus	EGNE 2307 Engineering Design II
CHEM 1210 ^W General Chemistry I	CHEM 1213 ^{S1} General Chemistry II for Engineering	Discipline 1	Discipline 3
HIST 1301* Intro to History of Science & Technology *May be taken either semester		Discipline 2	Humanities Elective *May be taken either semester

Discipline	Mechanical	Civil / Environmental	Electrical	Chemical	Industrial
Discipline 1	EGNE 2301 EGNE Mechanics II: Dynamics	GEOL 1204 Geology for Engineers	EGNE 2330 ^{S1} Data Structures & Algorithms for EGNE	CHEM 2344 Organic Chemistry I	EGNE 2330 ^{S1} Data Structures & Algorithms for EGNE
Discipline 2	EGNE 2304 ^{S1} Mechanics of Materials	EGNE 2304 ^{S1} Mechanics of Materials	EGNE 2305 Digital Logic	EGNE 2401 Process Engineering	any EGNE course (2000 or higher) *May be taken either semester
Discipline 3	EGNE 2306 ^{S2} Fluid Dynamics	EGNE 2306 ^{S2} Fluid Dynamics	EGNE 2311 Electric Circuits II	EGNE 2306 ^{S2} Fluid Dynamics	EGNE 2325 Modelling & Optimization for EGNE

Humanities: Atlantic Canada Studies, Asian Studies, Ancient Studies (Classics), English, History, Intercultural Studies, Irish Studies, Philosophy, Religious Studies, and Modern Languages (courses in literature and/or culture)

S1: Course typically offered in Summer I semester (May- June)

F: Course typically also offered in Fall semester (September -December)

S2: Course typically also offered in Summer II semester (July – August)

W: Course Typically also offered in Winter semester (January – April)