

Diploma in Engineering Foundations Registration Package

Engineers use science and math to solve problems. With particular attention given to the environment, natural resources, economics, and energy

conservation, engineers of all disciplines serve society. The breadth and depth of any engineering education makes it one of the most enjoyable and employable degrees obtainable at an undergraduate level.

FALL TERM REGISTRATION

The following table lists the courses recommended for the first term. This is the recommended course plan generally taken by first year engineering students. Students may modify their course plan in consultation with an Academic Advisor to ensure understanding of any impact to subsequent terms. Students may adjust their fall term course registrations up to **September 15, 2023**.

FALL 2023	
APSC1011	Mechanics I
APSC1015	Mechanics I Laboratory
CMPE1003*	Introduction to Computer Prog*
ENGG1001	Engineering Practice Lecture Series
ENGG1003	Eng Technical Communications
ENGG1015	Intro to Eng Design and Prob Solving
MATH1003	Introduction to Calculus I
MATH1503	Introduction to Linear Algebra

*NOTE – Students taking Software Engineering should register for CS1073 Intro to Computer Programming I (in Java) instead of CMPE 1003.

For instructions and help with registering for courses, please visit the "Information for Course Registration" found in the UNB Intranet: unbcloud.sharepoint.com/sites/MyUNB/SitePages/Online-Registration.aspx. For additional program information please refer to the [Undergraduate Academic Calendar](#). Course plans/degree checklists are available on the [SASE Advising pages](#).

NOTE: You are expected to maintain an updated checklist and meet with your Academic Advisor at least once a year to review your course plans.

WINTER TERM REGISTRATION

The following table lists the courses recommended for the second term according to the Engineering discipline you are accepted into. Students who have an idea of which discipline they would like to apply for may register for the appropriate winter term courses before or during the fall term. Students who are unsure can postpone registering for the winter term until they gain a better understanding of the different engineering disciplines through their fall term course.

Students must be registered for courses before the start of the winter term. If you are not accepted into your discipline of choice, your courses may need to be adjusted. Students may adjust their winter term course registrations up to **January 19, 2024**.

Discipline	WINTER 2024	
Chemical	APSC1021	Mechanics II
	APSC1025	Mechanics II Laboratory
	BIOL1205	Biology II
	CHE2003	Fundamentals I - Mass Balances
	CHEM1872	General Physical and Inorganic Chemistry
	CHEM1877	General Physical and Inorganic Chem Lab
	ECE 1813	Electricity and Magnetism
	MATH1013	Introduction to Calculus II
Civil	APSC1021	Mechanics II
	APSC1025	Mechanics II Laboratory
	CE2973	Civil Engineering Design I
	CHEM1872	General Physical and Inorganic Chem
	CHEM1877	General Physical and Inorganic Chem Lab
	ECON 1013	Introduction to Microeconomics
	MATH1013	Introduction to Calculus II
	CE Elective**	
Electrical	APSC1021	Mechanics II
	APSC1025	Mechanics II Laboratory
	CHEM1872	General Physical and Inorganic Chemistry
	CHEM1877	General Physical and Inorganic Chem Lab
	CMPE1023	Data Structures and Algorithms
	ECE1813	Electricity and Magnetism
	MATH1013	Introduction to Calculus II
Environmental	APSC1021	Mechanics II
	APSC1025	Mechanics II Laboratory
	BIOL 1302	Introduction to Environmental Biology
	CHE 2003	Fundamentals I – Mass Balance
	CHEM 1877	General Physical and Inorganic Chem Lab
	CHEM 1872	General Physical and Inorganic Chemistry
	MATH 1013	Introduction to Calculus II
Mechanical	APSC1021	Mechanics II
	APSC1025	Mechanics II Laboratory
	CHEM1872	General Physical and Inorganic Chemistry
	CHEM1877	General Physical and Inorganic Chem Lab
	ECE1813	Electricity and Magnetism
	MATH1013	Introduction to Calculus II
	ME1312	Computer Aided Design
Software	CHEM1872	General Physical and Inorganic Chemistry
	CHEM1877	General Physical and Inorganic Chem Lab
	CS1083	Intro to Computer Programming II (in Java)
	CS1103	Introduction to Databases
	ECE1813	Electricity and Magnetism
	MATH1013	Introduction to Calculus II

** **CE Elective:** can be a Complimentary Study Elective (CLAS, ENGL, HIST, PHIL, POLS or SOCI), or Non-Civil Technical Elective (ECE 1813 or ME 1312).

See Program Description in the Undergraduate Academic Calendar for additional details!