Environmental Engineering

Name: Student #:

Term	Courses	Course Name	Cr.hrs.	Passed
FALL 2025	APSC 1011	Mechanics I	4	
	APSC 1015	Mechanics I Laboratory	1	
	CMPE 1003	Programming and Problem Solving for Engineers	4	
	ENGG 1001	Engineering Practice Lecture Series I	0	
	ENGG 1003	Engineering Technical Communications	4	
	ENGG 1015	Introduction to Engineering Design and Problem Solving	2	
	MATH 1003	Introduction to Calculus I	3	
	MATH 1503	Introduction to Linear Algebra	3	
WINTER 2026	APSC 1021	Mechanics II	4	
	APSC 1025	Mechanics II Laboratory	1	
	BIOL 1302	Introduction to Environmental Biology	3	
	CHE 2003	Fundamentals I - Mass Balances	3	
	CHEM 1872	General Physical and Inorganic Chemistry	3	
	CHEM 1877	General Physical and Inorganic Chemistry Laboratory	2	
	ENGG 1002	Engineering Practice Lecture Series II	0	
	MATH 1013	Introduction to Calculus II	3	
FALL 2026	CHE 2004	Fundamentals II - Mass & Energy Balances	3	
	CHE 2501	General Materials Science	3	
	CHE 2506	Materials Science Laboratory	1	
	GEOL 1044	The Earth: Its Origin and Evolution	5	
	MATH 2513	Multivariable Calculus for Engineers	4	
	STAT 2593	Probability and Statistics for Engineers	3	
WINTER 2027	CE 2703	Introduction to Fluid Mechanics	4	
	CE 2913	Numerical Problem Solving	4	
	CHE 2012	Engineering Thermodynamics	3	
	ENVE 2011	Introduction to Environmental Engineering	4	
	GEOL 1074	Earth Processes, Resources and the Environment	5	
FALL 2027	CHEM 2421	Organic Chemistry I	3	
	ENVE 3121	Water Resources Engineering	4	
	ENVE 3123	Water Treatment Principles and Design	4	
	ENVE 3133	Hydraulics and Hydrology	3	
	ENVE 3231	Contaminants and Pollutants Transport in the Environment	4	
	ENVE 3677	Environmental Impact Assessment	3	
WINTER 2028	BIOL 2385	Fundamentals of Microbiology	3	
	ENVE 3322	Wastewater Treatment Principles and Design	4	
	ENVE 3513	Soil Mechanics	4	
	MATH 3503	Differential Equations for Engineers	3	
	CSE**	Complimentary Studies Electives	3	
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FALL 2028	ENGG 4032	Engineering Economics	3	
	ENVE 4040	Environmental Engineering Design Project	NA	
	ENVE 4322	Waste Management	4	
	ENVE 4432	Air Pollution and Emission Control	4	
	TE*	Technical Elective	4	
	TE*	Technical Elective	4	
WINTER 2029	ENGG 4014	Law and Ethics for Engineers	3	
	ENVE 4040	Environmental Engineering Design Project	7	
	ENVE 4231	Contaminant Hydrogeology	4	
	GEOL 3442	Environmental Geology	3	
	TE*	Technical Elective	4	

*Technical Elective (TE) - 12 ch for whole program - see UNB Calendar for options.

Complimentary Studies Electives (CSE) - 6 ch for whole program**		**Cr.hrs**
Tech or Society	COMS 2001, which is the only course of this category currently at UNBSJ.	3
Hum & SS	Classics, History, Philosophy, Politics or Sociology courses - example SOCI 1001.	3

Please visit UNB Calendar for further details (www.unb.ca/academics/calendar/undergraduate/current/index.html)