

Program Planning Guide

Bachelor of Applied Sciences: Environmental Engineering (Joint UNBC/UBC)

100/200 Level Requirements		
Requirements	Credit Hours	Done
CHEM 100/120	4	
CHEM 101/121	4	
CPSC 110	3	
ENGR 110	3	
ENGR 117	3	
ENGR 130	4	
ENGR 151	1	
ENGR 152	1	
MATH 100	3	
MATH 101	3	
PHYS 110	4	
ENGR 210	3	
ENGR 217	3	
ENGR 220	3	
ENGR 254	3	
ENGR 211	3	
ENSC 201	3	
ENVE 222	3	
GEOG 210 or FSTY 205	3	
MATH 200	3	
MATH 220	3	
MATH 230	3	
Social Sciences/Humanities	3	
STAT 371	3	

Transit to UBC		
Transit to UBC requires students to be at good academic standing at UNBC. At UNBC this means students must be in good academic standing, must have a Cumulative GPA of 2.00 or greater in required 1st and 2nd year courses (including 3 credit hours of Humanities or Social Sciences), and must have successfully completed all ENGR, MATH and STAT courses. For transit to UBC, all transit requirements must be met by April 30th of the year of transfer.		
Requirements		
Please visit the UBC Environmental Engineering website for a list of UBC course requirements.		
Transit to UNBC		
Transit to UNBC requires students to be in good academic standing at UBC. At UBC this means an average of at least 55%, and passing grades in at least 65% of the credits taken. Refer to the UBC Environmental Engineering website (enve.ubc.ca) for more details on UBC to UNBC transit requirements.		
Requirements	Credit Hours	Done
ENGR 417	6	
ENPL 401	3	
ENSC 418	3	
Social Sciences/Humanities	3	
Elective	3	

BREADTH REQUIREMENT vs. SOCIAL SCIENCES/HUMANITIES: The University Breadth requirement does not apply to the Engineering Programs. However, students must take two Humanities and Social Sciences courses (valued at three credits each) with subject matter that deals with the central issues, methodologies, and thought processes of the Humanities and Social Sciences (for example, most ANTH, ENGL, ENVS, FNST, HIST, INTS, NORS, PHIL, POLS, or WMST courses that do not principally impart language skills or statistics). Additional courses may qualify with the approval of the Co-Director.

RESIDENCY REQUIREMENT: Students must satisfy the residency requirement of a minimum of 90 credit hours. These may be fulfilled through a combination of courses taken at UNBC and UBC, provided that at least 30 credit hours are completed at each of the two institutions.

REGULATIONS: Unless otherwise specified, the rules and regulations are those applicable at the institution (UBC or UNBC) at which the students are attending at the time the rules/regulations need to be applied. In the case where the rules and regulations are needed to cover the program as a whole, or where the institution of attendance is not relevant, then the more stringent rules/regulations will be applied. Any academic appeals will be handled using the procedures at the institution where the rules/regulations need to be applied.

EFFECTIVE SEPTEMBER 2020

NOTE: Although every attempt has been made to ensure the information on this worksheet is accurate, in the case of any discrepancy the Academic Calendar shall be considered the authority. This program planning worksheet is an unofficial planning tool for students new to UNBC. Please use your degree evaluation as it is the official degree program-tracking document. You can find more information about your degree evaluation and how to run one at unbc.ca/advising.

Sample Sequencing Plan

4.5 Years First Year	
Fall	Winter
CHEM 100/120	CHEM 101/121
ENGR 117	CPSC 110
ENGR 151	MATH 220
MATH 100	ENGR 152
PHYS 110	MATH 101
ENGR 110	ENGR 130
Second Year	
ENGR 210	ENVE 222
ENGR 220	ENSC 201
ENGR 254	ENGR 217
GEOG 210 or FSTY 205	ENGR 211
MATH 200	MATH 230
STAT 371	Social Sciences/Humanities ¹
Transit to UBC – Third and Fourth Year	
Completed at UBC; visit the UBC Environmental Engineering website for a list of UBC course requirements.	
Transit to UNBC – Final Semester	
ENPL 401	
ENSC 418	
ENGR 417	
Social Sciences/Humanities	
Elective (Anything)	

5.5 Years ³ First Year	
Fall	Winter
ENGR 117	CHEM 101/121
ENGR 151	ENGR 152
MATH 100	MATH 101
CHEM 100/120	MATH 220
Second Year	
ENGR 110	Social Sciences/Humanities ¹
ENGR 220	CPSC 110
PHYS 110	ENGR 130
MATH 200	ENSC 201
Third Year	
ENGR 210	ENVE 222
STAT 371	ENGR 211
ENGR 254	ENGR 217
GEOG 210 or FSTY 205	MATH 230
Transit to UBC – Fourth and Fifth Year	
Completed at UBC; visit the UBC Environmental Engineering website for a list of UBC course requirements.	
Transit to UNBC – Final Semester	
ENPL 401	
ENSC 418	
ENGR 417	
Social Sciences/Humanities	
Elective (Anything)	

¹There are often courses offered online during the summer months that can be used to satisfy the SS/HUM area.
 Note: Students may wish to take [one approved secondary technical elective](#) at UNBC to apply to UBC requirements, prior to transit.

³If 3 years at UNBC to complete Years 1 and 2, 2 at UBC and .5 at UNBC)

Advisor Notes

STUDENT ADVISING: Is available by phone, email or in person. To book an appointment or to see when drop-ins are scheduled, please contact advising@unbc.ca or call 250.960.6306.

DEGREE EVALUATIONS: The [Degree Evaluation](#) is an interpretation of the Undergraduate Calendar for the year that you were admitted under, and helps display the requirements needed for your Program.

UNDERGRADUATE CALENDAR: It is the student's responsibility to be aware of all University of Northern British Columbia [Undergraduate Calendar](#) regulations. Academic regulations, program information and course information and pre-requisites can be found in this document.

MAJOR CHANGES WITHIN THE BASc: Please contact the Student Advisor for Engineering to discuss a change of major.

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