

From: **Langara College (LANG)**
Certificate in Arts & Science (Engineering)

To: **University of Northern BC (UNBC)**
Bachelor of Applied Science (Major in
Environmental Engineering)

The following list of course equivalents will appear on the transfer credit summary for students who have successfully completed **LANG's Certificate in Arts & Science (Engineering)** and are successfully admitted to the **Bachelor of Applied Science with a major in Environmental Engineering at UNBC for the 2024-2025 Academic Calendar**.

Information in this handout is unofficial and should be used as a guide only. Official transfer credit results will be provided at the time of admission to your program. For questions regarding admission to UNBC or course selection please contact Student Recruitment & Advising at 250-960-6306 or advising@unbc.ca.

NOTE: As per UNBC Undergraduate Calendar Regulation number 14, "Students must complete a minimum of 30 credit hours of upper division UNBC course work to receive a UNBC degree."

Course Number & Name		UNBC Equivalence ¹
Term 1		
All of	APSC 1000 Introduction to Engineering I	No credit
	CHEM 1154 Engineering Chemistry	CHEM 1XX-4
	CPSC 1091 Engineering Design and Drafting	ENGR 117-3 & ENGR 152-1
	PHYS 1125 Physics I with Calculus	PHYS 110-4
One of	CPSC 1150 Program Design	CPSC 100-4
	CPSC 1155 Program Design for Engineering	CPSC 110-3
One of	ENGL 1123 Introduction to Academic Writing	ENGR 110-3
	ENGL 1127 Essay Writing and Short Prose Selections	ENGL 170-3 or ENGL 1XX-3
One of	MATH 1171 Calculus I	MATH 100-3 ²
or	MATH 1173 & Calculus I with Computer Explorations	
	MATH 1183 Computer Explorations for Calculus I	MATH 100-3 ²
Term Notes:		
Progression into the second term of this limited enrolment program requires satisfactory (minimum "C-" grade) completion of all seven courses indicated in the Term 1 curriculum, or special approval of the program coordinator. Students may apply for re-admission to the program a second time.		
Term 2		
All of	APSC 1100 Introduction to Engineering II	No credit
	CPSC 1491 Control Systems and Sustainable Engineering Design	CPSC 199-3
	PHYS 1219 Engineering Mechanics	ENGR 1XX-3
	PHYS 1225 Physics II with Calculus	PHYS 111-4
One of	CMNS 2228 Advanced Written Communications	ENGR 110-3
	ENGL 1129 Modern Novel, Poetry, and Drama	ENGL 100-3
	Any university-transferable ENGL course	
One of	MATH 1271 Calculus II	MATH 101-3 ²
or	MATH 1273 & Calculus II with Computer Explorations	
	MATH 1283 Computer Explorations for Calculus II	MATH 101-3 ²
One of	MATH 1252 Linear Systems with Applications	MATH 220-3 ²
or	MATH 2362 & Linear Algebra	
	MATH 2382 Linear Algebra Laboratory	MATH 220-3 ²

Term Notes:

Students intending to transfer to another institution are responsible for ensuring that CMNS 2228 is suitable for their purpose. In particular, students should be advised that CMNS 2228 cannot be used to meet UBC's minimum English Language Admission Standard.

Note: Above based on LANG 2024 website.

Recommended Courses to take:

Course Number & Name		UNBC Equivalence ¹
CHEM 1120 & CHEM 1220	General Chemistry I & II	CHEM 100-3, CHEM 120-1, CHEM 101-3 & CHEM 121-1
CMNS 2228	Advanced Written Communication	ENGR 110-3
CPSC 1155	Program Design for Engineering	CPSC 110-3
ENGL 1127	Essay Writing and Short Prose Selection	ENGL 170-3
MATH 1171	Calculus I	MATH 100-3 ²
MATH 1271	Calculus II	MATH 101-3 ²
MATH 1252	Linear Systems with Applications	MATH 220-3 ²

¹ Course equivalencies were determined through the articulation process and are listed on the BC Transfer Guide, www.bctransferguide.ca. Students will need to choose coursework appropriately so as not to receive duplicate Transfer Credit.

² Must achieve a C- (60% at UNBC) or better for all Math transfer credit to use as a prerequisite for UNBC coursework.

Top 10 things you should know and do for a successful, smooth transfer to UNBC:

1. Make sure you apply to UNBC – questions before you apply?

Contact futurestudents@unbc.ca or visit <https://unbc4u.unbc.ca>. Our UNBC Recruitment team is happy to answer questions and help you apply to your desired program.

2. Once you have been admitted and have received your Transfer Credit Summary, touch base with your Student Advisor.

Your Student Advisor can help discuss how your transfer credits will be applied towards your UNBC program, any and all resources available to you and ultimately guide you through things you might not know about transferring to UNBC! Don't know who your student Advisor is? Find out here:

<https://www2.unbc.ca/advising/contact>

3. Read carefully through all the details of your Pathway.

We have included many details in this document about multiple aspects of the transfer process. Have a question? Email transfercredit@unbc.ca.

4. Use the BC Transfer Guide!

The BC Transfer Guide (www.bctransferguide.ca) allows you to search how your post-secondary coursework might transfer to UNBC. In conjunction with your pathway/arrangement document, we highly recommend using the BC Transfer Guide to explore how your previous post-secondary courses might transfer to UNBC!

5. Know what 'Academic Calendar' means.

When admitted to UNBC, you are following the program requirements of the Academic Calendar of your admit year. For example, if you are admitted for September 2022, you will be following the 2022-2023 Academic Calendar throughout the entirety of your undergraduate degree. Please ensure you are not simply "Googling" your program requirements, but using the appropriate Academic Calendar by visiting www.unbc.ca/calendar.

To learn more about your academic calendar, touch base with your Student Advisor.

6. Hold onto your previous institution's course outlines!

It's very possible that you have taken a course that needs to be reviewed. If this is the case, we may ask for course outlines in order to give you the most accurate and up-to-date information. Additionally, if you receive 'UNSP' credit as the course has never been reviewed, you can submit your course outlines to

transfercredit@unbc.ca.

7. **Understand the terminology!**

Not sure what 'UNSP' means? Confused by the course numbering assigned to your transfer credit (ie. 2XX)?

Be sure to visit our Transfer Credit Definitions page to learn more about your transfer credit:

<https://www2.unbc.ca/registrar/transfer-credit-definitions>

8. **Be Patient!**

Great things take time. Similarly, it can take up to 6 weeks for courses to be articulated once you have submitted course outlines.

9. **Understand your Degree Evaluation!**

Your Degree Evaluation is available once course registration opens/is open for your first semester at UNBC. Your degree evaluation organizes your course work for you, showing you how your transfer credit is being use and can help you track your progress to graduation.

<https://www2.unbc.ca/advising/understanding-your-degree-evaluation>

10. **Want to find out how many courses you have remaining to complete a Bachelor degree?**

Completing a two-year diploma program does not automatically mean that you will only have 2 years remaining of a Bachelor's degree. Remaining coursework is very subjective as each transfer student might have taken different courses. This means that it is very possible that you may have to take first year courses at UNBC. For a smooth transfer into the program, we highly recommend completing any courses listed under the 'Recommended Courses to take' section of the pathway if applicable. Contact your Student Advisor for more information!

Questions? Here's who to contact:

Admissions – admissions@unbc.ca

Transfer Credit – transfercredit@unbc.ca

Degree Evaluation and Advising Questions:

- Find out who your Advisor is: <https://www2.unbc.ca/advising/contact>
- Then reach out and send them an email!

We are looking forward to seeing you at UNBC!