

From: **Langara College (LANG)**  
Associate of Science Degree, Biology

To: **University of Northern BC (UNBC)**  
Bachelor of Science (BSc Degree, Biology Major)

The following list of course equivalents will appear on the transfer credit summary for students who have successfully completed **Langara College's Associate of Science Degree, Biology** coursework and are successfully admitted to the **Bachelor of Science, major in Biology degree at UNBC for the 2023-2024 Academic Calendar**.

Information in this handout is unofficial and should be used as a guide only. For questions regarding admission to UNBC or course selection please contact Student Recruitment & Advising at 250-960-6306 or [advising@unbc.ca](mailto: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."*

### Associate of Science Degree

Within the minimum 60 credits, students must complete:

1. 6 credits of MATH which shall include at least one course (3 credits) in Calculus;
2. a minimum of 36 credits of science, which shall include at least:
  - a. 3 credits in laboratory science;
  - b. A minimum of 18 credits in science at the second-year level taken in two or more subject areas;
3. 6 credits of first-year ENGL;
4. 6 credits of first or second year arts other than ENGL (excluding MATH and laboratory-based science courses);
5. a minimum of 6 credits of first or second year arts, science or other university-transfer courses. (Students may include university-transfer credit from career program and KINS and RECR course offerings); and
6. a minimum cumulative GPA of 2.0.

No course may be used to meet more than one of the specific requirements.

Applicable to Biology	Course Name	UNBC Equivalence <sup>1</sup>
Within the framework of the general requirements for the Associate of Science Degree (above), students must complete a minimum of 60 credits including:		
All of	BIOL 1115 BIOL 1215 BIOL 2315 BIOL 2330 BIOL 2380 BIOL 2415 CHEM 1120 CHEM 1220 CHEM 2316 CHEM 2416	General Biology I General Biology II Biochemistry Introduction to Genetics Introduction to Ecology Cell Biology General Chemistry I General Chemistry II Organic Chemistry I Organic Chemistry II
		BIOL 103-3 & BIOL 123-1 BIOL 104-3 & BIOL 124-1 CHEM 204-3, BCMB 2XX-1 & BIOL 311-3 <sup>2</sup> BIOL 210-3 BIOL 201-3 CHEM 204-3, BCMB 2XX-1 & BIOL 311-3 <sup>2</sup> CHEM 100-3, CHEM 101-3, CHEM 120-1 & CHEM 121-1 <sup>3</sup> CHEM 100-3, CHEM 101-3, CHEM 120-1 & CHEM 121-1 <sup>3</sup> CHEM 201-3 & CHEM 250-1 CHEM 203-3 & CHEM 251-1
One of	ENGL 1123 ENGL 1127 ENGL 1128	Intro to Academic Writing Essay Writing & Short Prose Selections Short Prose Selections & Composition
		ENGL 170-3 ENGL 170-3 or ENGL 1XX-3 ENGL 170-3 or ENGL 1XX-3
One of	ENGL 1129 ENGL 1130	Modern Novel, Poetry, and Drama Modern Novel, Poetry, and Film
		ENGL 100-3 ENGL 1XX-3
One of <sup>4</sup>	MATH 1153 & MATH 1253	Introduction to Calculus I (Part I) Introduction to Calculus I (Part II)
or	MATH 1171	Calculus I
or	MATH 1173 & MATH 1183	Calculus I with Computer Explorations Computer Explorations for Calculus I
or	MATH 1174	Calculus I - Economic & Business Apps
or	MATH 1175	Calculus I with Apps to Life Sciences
		MATH 1XX-3 MATH 1XX-3 MATH 100-3 <sup>3</sup> MATH 100-3 <sup>3</sup> MATH 100-3 <sup>3</sup> MATH 100-3 <sup>3</sup>

**Continued:**

One of	MATH 1271	Calculus II	MATH 101-3 <sup>3</sup>
or	MATH 1273 & MATH 1283	Calculus II with Computer Explorations Computer Explorations for Calculus II	MATH 101-3 <sup>3</sup>
or	MATH 1274	Calculus II with Economic and Business Applications	MATH 1XX-3
or	MATH 1275	Calculus I with Apps to Life Sciences	MATH 100-3 <sup>3</sup>
One of	PHYS 1101 PHYS 1125	Physics I for Life Sciences Physics I with Calculus	PHYS 1XX-4 PHYS 110-4
Two of	BIOL 2260 BIOL 2340 BIOL 2350 BIOL 2370 BIOL 2440 BIOL 2450 BIOL 2470 BIOL 2480 BIOL 3430 CHEM 2222 CHEM 2250 PHYS 1118 PHYS 1225	Intro to Plant & Animal Physiology Vascular Botany Comparative Vertebrate Anatomy Microbiology I Botany Nonvascular Plants & Fungi Invertebrate Biology Microbiology II Ecology II: Population Ecology Molecular Genetics Analytical Chemistry Physical Chemistry for the Life Sciences Introductory Physics Physics II with Calculus	BIOL 2XX-3 BIOL 204-3 BIOL 2XX-3 BIOL 205-3 BIOL 2XX-3 BIOL 202-3 BIOL 2XX-3 BIOL 2XX-3 BIOL 3XX-3 CHEM 210-3 CHEM 2XX-3 PHYS 115-4 PHYS 111-4
Two of	First- or second-year arts other than ENGL (excluding MATH and laboratory-based science courses)		

<sup>1</sup>Course equivalencies were determined through the articulation process and are listed on the BC Transfer Guide, [www.bctransferguide.ca](http://www.bctransferguide.ca) Students will need to choose coursework appropriately so as not to receive duplicate Transfer Credit.

<sup>2</sup>Both LANG BIOL 2315 & BIOL 2415 must be taken to receive noted credit - Biology & BCMB Majors only.

<sup>3</sup>Both LANG CHEM 1120 & CHEM 1220 must be taken to receive noted credit.

<sup>4</sup>Must achieve a C- (60% at UNBC) or better for all Math transfer credit to use as a prerequisite for UNBC coursework.

Note: Above based on the Langara 2023 website.

**Recommended Courses to take:**

LANG Courses	LANG Course Name	UNBC Equivalence <sup>1</sup>
BIOL 2320	Conservation Biology	BIOL 411-3
BIOL 2330	Genetics	BIOL 210-3
BIOL 2340	Vascular Botany	BIOL 204-3
BIOL 2350 <sup>2</sup>	Ichthyology and Herpetology	BIOL 307-3
BIOL 2350 <sup>2</sup>	Ornithology and Mammalogy	BIOL 308-3
BIOL 2370	Microbiology	BIOL 203-3
BIOL 2380	Introduction to Ecology	BIOL 201-3
ENGL 1128	Short Prose Selections and Composition	ENGL 170-3
MATH 1171	Calculus I	MATH 100-3
MATH 1271	Calculus II	MATH 101-3
PHYS 1125	Physics I with Calculus	PHYS 110-4
PHYS 1225	Physics II with Calculus	PHYS 111-4
STAT 1123 or STAT 1124 or STAT 1181 or STAT 3222 or STAT 3223	Basic Statistics	STAT 240-3

<sup>1</sup>Course equivalencies were determined through the articulation process and are listed on the BC Transfer Guide, [www.bctransferguide.ca](http://www.bctransferguide.ca) Students will need to choose coursework appropriately so as not to receive duplicate Transfer Credit.

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

### 1. Haven't applied to UNBC and have questions?

Contact [futurestudents@unbc.ca](mailto: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 (this document).

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

### 4. Use the BC Transfer Guide!

The BC Transfer Guide ([www.bctransferguide.ca](http://www.bctransferguide.ca)) allows you to search how your post-secondary coursework might transfer to UNBC. In conjunction with your pathway 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](http://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](mailto: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 used 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's degree?**

Completing a two-year program does not automatically mean that you will only have 2 years remaining of a Bachelor's degree. The 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!

**Additional Questions? Here's who to contact:**

Admissions – [admissions@unbc.ca](mailto:admissions@unbc.ca)

Transfer Credit – [transfercredit@unbc.ca](mailto: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!**