



EBUS Pre-Science Program

Student Information

About the Pre-Science Program

The EBUS pre-science program offers students an opportunity to take online Biology 11 or Chemistry 11 and access enriched learning opportunities through the University of Northern BC (UNBC). The classes will run over one semester and will include opportunities to learn about new research in the science faculty and post-secondary opportunities in science. The online courses will include virtual labs and all students will take part in a four-day field trip to the UNBC (Prince George, BC) in May 2019.

Students will receive 4-credits for the selected science 11 course upon completion.

In the coming years, EBUS plans to expand course selections to include grade 11 and grade 12 science courses.

Course Schedule

Chemistry 11: offered in semester 1 (January 28 – June 19, 2019)

Biology 11: offered in semester 2 (January 28 – June 19, 2019)

UNBC field trip: offered in the second or third week of May 2019. (All students in the program are expected to attend the field trip).

**Students may register for either Chemistry 11, Biology 11 or both.

About the Courses

Students taking chemistry 11 or biology 11 at EBUS Academy will access high-quality instruction and teacher support. Students are provided a textbook and will learn through online lessons in Moodle, assignments and projects. Throughout the semester, students will participate

in several real-time virtual classes in the evenings where they have the opportunity to learn from guest speakers, graduate students and faculty from post-secondary institutions including UNBC.

Biology 11 and Chemistry 11 help students develop lab skills through virtual and home-labs in preparation for university science programs.

About the Field Trip

Students who participate in the pre-science program by taking Chemistry 11 or Biology 11 will attend a four-day field trip to UNBC campus in May 2019. Students will stay on campus for the duration of the trip and will be chaperoned by EBUS teachers. Meals are provided. The field trip will include:

- Tour of the UNBC campus
- Opportunities to learn from and speak to current students and science faculty
- On-campus science labs
- Opportunity to attend a first-year lecture
- Team-building activities
- Time for students to work on other studies (homework, online courses)

Are there costs or requirements to participate in the program?

There is no cost to the course(s) for all students who are ordinary residents of BC.

There will be a minimal fee for participation in the UNBC on-campus field trip in May 2019 to help cover the cost of food and accommodation. Students and parents will be responsible for providing their own transportation to and from Prince George for the UNBC field trip. We are working to minimize the field trip fee as much as possible.

Students are required to attend the field trip to Prince George in May; therefore, the program is ideally for students living in Northern BC or who are able and willing to travel to Prince George.

Students will receive a textbook for the course by EBUS Academy at no cost.

Students are required to have access to a functioning computer and internet access to participate. Students are also required to have a scientific calculator for the Chemistry 11 or Biology 11 courses.

Is the Pre-science program right for you? Who can register?

The pre-science courses (Chemistry 11 and/or Biology 11) are a good-fit for students who are interested in science and are looking for an enriched learning experience. Students who are considering post-secondary programs in Science will find the program relevant and informative. Students will complete the course(s) with an understanding of the curriculum and greater knowledge of what possibilities and opportunities exist in the field of science!

Consider these important questions if you are considering the taking a course in the pre-science program at EBUS:

- Do I enjoy learning individually?
- Do I wish to gain more experience learning online?
- Am I able to commit to completing a course over one semester?
- Will I be able to follow a timeline and manage my time effectively?
- Will I be able to attend the UNBC field trip in Prince George in May 2019?

Discussing the option with your family and your academic counsellor is very important. Please contact Megan Boniface (mboniface@sd91.bc.ca; 1-800-567-123 ext 2224) for further information about the pre-science program.

Frequently Asked Questions

How much time will I need to spend each week on my course?

The course will be completed over one semester; therefore, students should plan to spend approximately 5-8 hours each week, Monday through Friday. As a student, you can work on their coursework at flexible times throughout the week so long as you can meet assignment timelines. If you are putting in less than 5 hours each week, you will get behind.

Must I attend the field trip in May?

Yes, the field trip to UNBC is highlight of the program and an important aspect of the enriched learning experience. Space in the program is limited; therefore, participating students should be planning to attend the trip.

Are there tests or exams?

There are unit tests and two invigilated mid-term exams in Chemistry 11 and Biology 11.

Will there be any live lessons?

Yes, there will be several virtual classes over the course of the semester. Virtual classes will take place on weekday evenings and a schedule will be posted at the beginning of the course. Students are strongly encouraged to attend the sessions. Sessions will be recorded and accessible for students who are unable to attend.

How do I get help if I need it?

You can email or message your teacher to get help anytime! Our teachers are committed to supporting students and can help by phone, email, virtual classes or through the course Moodle messaging system.

Will I be sent a textbook?

The textbook for the course will be shipped to you once you have completed the introductory work for the course.

What will happen if I fall behind pace?

Students are strongly encouraged to follow their timeline and communicate any difficulties or issues promptly. Students who fall behind pace will be required to discuss a completion plan with their course teacher.

Registration

Registration for the pre-science program courses can be completed online at www.ebus.ca (click on enroll now). **Registration is open and students should register before January 31st, 2019.**

Students/ parents will complete the online enrollment form. Please enter “**Pre-science chemistry 11 or biology 11**” when selecting your course.

Full time EBUS students should consult with their senior academic advisor.