SCIEC – Science Certificate

University Arts and Science

Effective Term & Year: Fall 2024
Program Outline Review Date: 2029-04-01

Program Area: Math and Sciences

Description:

The Science certificate recognizes one year of study upon the successful completion of 30 credits of coursework.
The certificate provides breadth of knowledge in specific academic University disciplines to explore the sciences. This certificate is sufficiently flexible to enable students to complete required prerequisites for further study into the college's Associate of Science Degree or for to one of our partner institutions.

Program Information:

This program is in the Department of University Arts and Science.

Credentials Granted:

Science Certificate

Program Average: A minimum program grade point average of 2.0/10 (C- average)

Delivery Methods: On-Campus (Face-to-Face), Online

Credits: 30

Admission Requirements:

- Complete all of the following
  - Secondary school graduation (or equivalent)
  - Earned a minimum grade of C+ (65%) in at least 1 of the following:
    - ENST 12 – English Studies 12
    - ENFP 12 – English First Peoples 12
    - ENGL090 – English – Provincial Level
  - Complete 1 of the following
    - Earned a minimum grade of C+ (65%) in at least 1 of the following:
      - PREC 11 – Pre-Calculus 11
      - PREC 12 – Pre-Calculus 12
      - MATH080 – Mathematics – Advanced Level
      - MATH090 – Mathematics – Provincial Level
    - Earned a minimum grade of C+ (65%) in each of the following:
      - FOM 11 – Foundations of Mathematics 11
      - FOM 12 – Foundations of Mathematics 12
    - Completed the following:
      - CALC 12 – Calculus 12

Recommended Admission Requirements:

Basic computer skills

Check individual courses for pre-requisites. It is strongly recommended that students work with an education advisor to select courses that meet their education and career pathway.

Non-Academic Admission Requirements:

Program Completion Requirements:

- Complete all of the following
  - Earned at least 3 credits from the following:
    - ENGL100 – English Composition (3)
    - ENGL101 – Introduction to Poetry and Drama (3)
    - ENGL102 – Introduction to Prose Fiction (3)
    - COMC101 – Technical and Professional Writing (3)
    - COMC102 – Advanced Professional Communication (3)
    - COMC110 – Communication for Hospitality Industry (3)
  - Earned at least 6 credits from: Courses from MATH –

    Except:
    - MATH105 – Mathematics for Teachers 1 (3)

    - MATH107 – Mathematics for Teachers 2 (3)
    - MATH111 – Business Mathematics (3)

- Earned at least 6 credits from the following courses in these areas of study:
- Lab Sciences
- Earned at least 3 credits from the following courses in these areas of study:
- Fine Arts
- Humanities
- Social Science
- Earned at least 12 credits from: Courses from ASTR, BIOL, CHEM, CSCI, ENGR, ENSC, ENST, GEOG, GEOL, MATH, PHYS, or STAT –

  Except:

    - MATH105 – Mathematics for Teachers 1 (3)
    - MATH107 – Mathematics for Teachers 2 (3)
    - MATH111 – Business Mathematics (3)

Grand Total Credits: 30

Program Completion Requirements Notes:

A grade of "D" grants credit, but may not be sufficient as a prerequisite for sequential courses.

Prior Learning and Recognition: Yes

Students are able to request formal recognition of their prior learning or experience outside the classroom. Challenge examination, portfolio-assisted assessment, work-based assessment or a combination of assessments that is appropriate to identify, assess, and recognize prior skills, competencies, and knowledge to achieve course credit. Tuition fees apply, refer to Policy 2.5.5 Prior Learning Assessment and Recognition (PLAR) or contact an education advisor for more information.

Program Transfer Credit:

For information about block transfer agreements between programs in British Columbia, Alberta, and elsewhere, please visit http://www.cotr.bc.ca/transfer.

To minimize transfer issues, check with an academic advisor at the institution that will receive the transfer credits.

Academic Policies:

College of the Rockies policies related to courses can be found at https://cotr.bc.ca/about-us/college-policies/ and include the following:

- Policy 2.1.4 Course Audit
- Policy 2.4.1 Credential Framework
- Policy 2.4.3 Students with Documented Disabilities
- Policy 2.4.4 Student Rights, Responsibilities and Conduct
- Policy 2.4.8 Academic Performance
- Policy 2.4.9 Student Feedback and Concerns
- Policy 2.4.11 Storage of Academic Works
- Policy 2.5.3 Student Appeal
- Policy 2.5.5 Prior Learning Assessment and Recognition (PLAR)

Program Changes:

Information contained in this program outline is correct at the time of publication. Courses and course content may be revised from time to time based on changing educational, employment and marketing needs. The timetable may also be revised.

Course Descriptions: Refer to Course Outlines – https://outlines.cotr.bc.ca/course/