Environmental Programs
Planning Guide
Terrace 2018-2019

Applied Earth and Environmental Studies (EES) Certificate Program

**Fall Semester**
- ☐ BIOL 101  Introductory Biology I: Cells, Diversity and Physiology
- ☐ ENGL 101  Introduction to Composition
- ☐ GEOG 110*  People and the Environment
- ☐ GEOG 160  Geology, Geomorphology and Soils
- ☐ CPSC 111^  Introduction to Computers

**Winter Semester**
- ☐ BIOL 102  Introductory Biology II: Genetics, Evolution and Ecology
- ☐ GEOG 150*  Biogeography, Meteorology & Climate
- ☐ GEOG 204  Spatial Analysis and Geographic Information Systems (GIS)
- ☐ GEOG 207  Hydrology and Soils
- ☐ MATH 115^  Pre-Calculus

**Field Schools (Spring and Summer Semesters)**
- ☐ ANTH 270**  Traditional Knowledge in Practice
- ☐ GEOG 202  Geography of Ecosystems
- ☐ GEOG 203  Geomorphology
- ☐ GEOG 210  Environments and Society

* Only one of these courses is required for the Certificate, however both are required for the Associate Degree.
^ Only one of these courses is required for the Associate Degree and neither is required for the Certificate.
** Any other arts course may be substituted here upon approval by the Program Coordinator.

Associate of Science - Environmental Geosciences Degree Program

In addition to the above Certificate courses the following are required for the Degree Program:

**Fall Semester**
- ☐ CHEM 111*  Introductory Chemistry 1
- ☐ MATH 131  Statistics
- ☐ MATH 101^  Calculus 1

**Winter Semester**
- ☐ CHEM 122**  Principles of Chemistry 2
- ☐ ENGL 151^^  Technical Writing
- ☐ Elective***  Any 3 credit UC arts elective

**Field Schools (Spring Semester)**
- ☐ FNST 110***  Ethnobotany: Plants and First Peoples
- ☐ BIOL 208  Plant Biology

* Note that Math 115 is the Pre-Req for this course if students have not taken pre-calculus in high school. ^ Or Engl 102.
* Or Phys 101 ** Or Phys 102 or Math 102 ***Students only need one of these additional arts elective.

For more information please see: [http://www.nwcc.bc.ca/program/applied-earth-environmental-studies](http://www.nwcc.bc.ca/program/applied-earth-environmental-studies) and [http://www.nwcc.bc.ca/program/associate-science-degree-environmental-geoscience-specialization](http://www.nwcc.bc.ca/program/associate-science-degree-environmental-geoscience-specialization)

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