

## ACE 197

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### **ACE 197 Environmental Monitoring Techniques**

3 Credits

Environmental monitoring is an essential tool that aids in managing the impacts of various land use activities on British Columbia's diverse ecosystems and can become the basis of resolving land and marine use conflicts. In this course, students will study the principals of environmental monitoring and will learn the role of an environmental monitor. Students will learn techniques in water quality monitoring and marine sensor technology. Students will also be introduced to shore based coastal weather stations, air quality monitoring and explore wastewater management. Emphasis will be placed on using best management practices and the importance of quality assurance to accurately reflect and report on the risks associated with various industrial, recreational and residential development or land and marine use activities.

#### **Prerequisites**

Biology 11

#### **Transfer Credits**

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

