

APPLIED ECOLOGY

EVS 1210

PSI 3227

Applications due September 9

PROGRAM DESCRIPTION

This course provides an introduction to ecological principles at the species, population, community and ecosystem levels. Specific application of ecology to sustainability and the management of forest and grassland ecosystems are studied. Upon successful completion of the course, students will earn three post-secondary credits for EVS 1210 Applied Ecology, and five 30-level high school credits. This course is part of the Land and Water Resources Diploma program at Olds College.



Student Eligibility & Prerequisites

This program is available to all CESD students:

Prerequisite: None

1. Who are excited about learning and sharing their ideas
2. Who are in grades 10, 11 or 12 and who have an interest in learning about the Financial sector.
3. Who are able to commit to the duration of the program, participating in learning activities and completing assignments and tests as scheduled, and who can meet regularly with the Off Campus Teacher to communicate about progress in the course and to identify strategies for success.

Course Outline

1. Describe the interaction between organisms and their environment.
2. Examine population ecology.
3. Examine community ecology.
4. Analyze ecosystems and their dynamics.
5. Develop sustainable alternatives based on ecological principles.
6. Analyze the principles of boreal forest ecology.
7. Analyze the principles of grassland ecology.
8. Evaluate wildlife habitat management strategies.



Cost

Tuition - \$0
(savings of approx \$500)

Textbooks and materials - \$0

Five 30 level HS credits
Three PS credits

ADDITIONAL INFORMATION

- Students' marks will appear on their high school transcript as well as their post-secondary transcript.
- Students should have the support and guidance of their parents if they are to pursue online dual credit opportunities.
- Deadlines Matter! Students must be able to communicate with the instructor and the key school contact when alternative arrangements need to be made.
- The student understands the expectations of the dual credit program by realizing that they should be working on these opportunities for a minimum of 5-10 hours a week.

SUPPLY LIST: EVS 1210 APPLIED ECOLOGY

This is an online textbook purchased at