

UNIVERSITY OF VICTORIA
PROFESSIONAL SPECIALIZATION CERTIFICATE
IN ECOLOGICAL RESTORATION

This non-credit certificate provides advanced training for professionals working in landscape architecture, landscape design and management, forestry, agronomy, biology, mining, ecological restoration, and environmental practice.

The courses will provide you with the skills and knowledge to conduct advanced detailed site assessment and restoration projects that pay special attention to the unique conditions and challenges presented by built or otherwise highly altered environments.

The ER program is offered **online** so you can meet your annual professional development requirements on your own schedule. Sign up for one course or the entire certificate!

Upcoming courses:

ER 501: Design Principles for Natural Processes

Dates: September 5 to December 10, 2017; tuition \$750

This is an advanced course on ecosystem design that considers the ecology and reproductive biology of plants when restoring ecosystems. In this course, we'll examine the principles and ethics of native plant selection, harvesting and propagation to meet site-specific design objectives such as which species need to be closely matched genetically (geographically) for the propagated stock.

Other course topics include: pollinators, peripheral populations, dispersal agents, and hybridization. We'll also explore the implications for green or living roofs and the impact of climate change.

The course includes an overview of the goals and foundations of ecological restoration and how restoration nurseries grow appropriate restoration species.

ER 502: Ecosystem Design Through Propagation of Native Plants

Dates: January 2 to April 1, 2018; tuition \$750

Ecological restoration is a rapidly changing subject. Practitioners and professionals faced with restoration of degraded ecosystems are seeking ways to restore these systems in the face of climate change and continued urban expansion.

The traditional values and assumptions that have gone along with developments are no longer holding true. Answering the questions faced by restoration professionals requires exploring a new approach to the field of restoration. New questions need to be asked and answered as restoration takes on a much broader role in the world.

This course aims to address these new challenges to traditional reclamation and restoration by identifying natural processes involved in maintaining ecosystems and how they are recreated in restoration projects. It also addresses the element of design where a particular restoration project accommodates special requirements.

To register for a course or apply for the program, use the online application form which can be found at: <http://continuingstudies.uvic.ca/science-and-ecological-restoration/programs/ecological-restoration-professional-specialization-certificate>

For more information, contact the program office at ecore Restoration@uvic.ca or 250-721-8458.