

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, agrology, 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

Ecosystem restoration attempts to create self-renewing plant and animal associations which need to work with and expand on existing natural processes. This course identifies 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, such as wildlife crossings. In an urban context, design considerations include low impact development and aesthetic appeal.

Dates: September 7 to December 13, 2015

Tuition: \$750

ER 502: Ecosystem Design through Propagation of Native Plants

This is an advanced course on ecosystem design that considers the ecology and reproductive biology of plants when restoring ecosystems. It examines 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 topics include pollinators, peripheral (disjunct) populations, dispersal agents, and hybridization. Implications for green or living roofs and the impact of climate change are also explored.

Dates: January 4 to April 10, 2016

Tuition: \$750

To register for a course or apply for the program, use the online application form which can be found at: <http://www.uvcs.uvic.ca/Program/Ecological-Restoration-Professional-Specialization-Certificate/ER-PSC/>

For more information, contact the program office at artssci1@uvic.ca or 250-721-8458.