70% of natural wetlands near cities have disappeared. What happens to the carbon they stored?

Ecological Restoration

PROFESSIONAL SPECIALIZATION CERTIFICATE

Advanced ecology training that builds on your knowledge in the field.

Offered as a partnership between the School of Environmental Studies and the Division of Continuing Studies

www.uvcs.uvic.ca/sustainability/programs/
The Ecological Restoration Professional Specialization Certificate

If you are working in the following fields looking for professional development, this distance non-credit program is for you!

- Ecological restoration
- Environmental practice
- Biology
- Landscape architecture, design or management
- Forestry
- Agrology
- Mining
- related fields

Our program offers you:

- specialized training in high-level ecosystem functioning
- coursework with real-world applications
- current course content in a rapidly changing field
- highly-qualified instructors
- collaboration with peers
- flexible online learning

You’ll learn about:

- incorporating native species into design
- applying an ecosystems approach in planning and design of restoration activities
- creating restoration prescriptions patterned on natural processes
- working with urban ecosystems and the urban/rural interface
- managing invasive species
- incorporating propagation of plants into the design of restoration projects

Fees

- One-time program application fee of $125
- Tuition per course is $750 for domestic and international students
- Textbook costs range from approximately $50 to $100 per course

Courses

You’ll need to complete all four online courses to achieve the certificate. Two courses are offered each year, one in the spring (January to April) and one in the fall (September to December). You may take courses in any order, completing the program in as little as two years.

ER501: Design Principles for Natural Processes
Identify natural processes involved in maintaining ecosystems and how they are recreated in the design of restoration projects.
Instructor: David Polster, Polster Environmental Services Ltd., RPBio

ER502: Ecosystem Design through Propagation of Native Plants
An introduction to the principles of native plant selection and propagation to meet site-specific objectives for ecosystem restoration.
Instructor: Dr. Kathy Dunster, Geographer, Registered Landscape Architect, RPBio

ER503: Restoration Ecology
Advanced instruction on the ecological theory underlying restoration projects, emphasizing those unexpected connections which have significant implications.
Instructor: Dr. Emily Gonzales, Restoration Ecologist, Parks Canada

ER504: Invasive Species and Novel Ecosystems
A broad approach to the topic of invasive species including the ecological, social, and economic aspects as well as management and control efforts.
Instructor: Dr. Linda Wilson, Invasive Plant Management, BC Ministry of Agriculture and Land

Admission

We recommend that you have an undergraduate degree in environmental studies, biology, forestry, geography, or landscape architecture; OR an undergraduate degree in any other discipline plus a minimum of two years’ work in the above fields; OR permission of the academic administrator.

Online applications are accepted year round—apply today!
www.uvcs.uvic.ca/sustainability/programs/
Contact us:
Ecological Restoration Program Office
Division of Continuing Studies
University of Victoria
PO Box 1700 STN CSC
Victoria, British Columbia
V8W 2Y2
Canada
Phone 250-721-8463
Email resscipc@uvic.ca
www.uvcs.uvic.ca/sustainability/programs/