

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



**University
of Victoria**
Continuing
Studies

*Learning that shapes
who you are.*

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 Environmental Studies and Continuing Studies Partnership



The Ecological Restoration Professional Specialization Certificate program is distinguished by its breadth, expert

design and academic rigour. Its innovative curriculum is supported by a unique partnership between the School of Environmental Studies and the Division of Continuing Studies. Graduate research conducted by the School of Environmental Studies keeps the curriculum current and comprehensive, while the Division of Continuing Studies' expertise in delivering distance education, including a sensitivity to the needs of adult learners, shapes the course material specifically for you.

For more information about the program, please contact:

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or

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Academic Administrator
School of Environmental Studies
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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

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

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

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!
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