Certified Ecological Restoration Practitioner-in-Training (CERPIT)

Become a CERPIT and Begin Your Career in Restoration

The Society for Ecological Restoration (SER)'s Certified Ecological Restoration Practitioner-in-Training (CERPIT) program encourages a high professional standard for those who are designing, implementing, overseeing, and monitoring restoration projects throughout the world.

Certification as a CERPIT is ideal for new graduates of restoration programs and emerging professionals who are in the process of accumulating practical restoration experience. CERPIT is considered a preliminary step for those who have the educational experience (but not the full-time work experience) necessary to become certified as a Certified Ecological Restoration Practitioner (CERP).

Why Become a CERPIT?

By becoming a CERPIT, you can demonstrate to potential employers, clients, and collaborators that you have the necessary educational background to work in the field of ecological restoration.

You will also receive a variety of professional and networking benefits, including a personalized listing in SER's CERP Directory, access to a global community of certified practitioners, and the ability to use the CERPIT acronym on your resume, LinkedIn profile, business cards, reports, and project proposals.

What Is Required to Become a CERPIT?

APPLICATION REQUIREMENTS

- **Knowledge Base**: A combination of academic credentials (or equivalence) in Biological Science, Physical Science, Resource Management and Conservation, Quantitative Science, and Ecological Restoration categories (provide transcripts).
- **References**: Three references to demonstrate the applicant is held in high esteem by mentors and/or colleagues
- **Foundations of the Profession**: Knowledge and understanding of the fundamental concepts of ecological restoration through SER’s e-learning course
- **Policy Compliance**: Agreement to adhere to the SER Code of Ethics and the SER Disciplinary Policy.
- **Application Fee**: US$100 for SER members, US$200 for non-members

*Equity rates are available for individuals who could not otherwise afford to apply to the CERPIT program. Discounts are also available for SER business, lifetime, and restorer members.

Learn More About the CERPIT Program

To learn more about program requirements, fees, and the application process, please visit SER’s website at ser.org/CERPITApplications
Utah State University

CERPIT Alignment
B.S., Conservation and Restoration Ecology
Biological Science (15 Credits); At Least 9 Credits in Ecology

Through the degree courses listed below, students will automatically accumulate 8-14 credits in the larger Biological Science category and 10 credits towards the 9-credit ecology sub-requrement, thereby fulfilling this education category:

- BIOL 1610 - Biology I (3 credits)
- BIOL 1615 - Biology I Laboratory (1 credit)
- BIOL 1620 - Biology II (3 credits)
- BIOL 1625 - Biology II Laboratory (1 credit)
- **BIOL / WATS 2220 - General Ecology (3 credits)
- **WILD 3800 - Wildland Plants and Ecosystems (4 credits)
- **WILD 3810 - Plant and Animal Populations (3 credits)
- WILD 3820 - Forest Plants: Identification, Biology, and Function (3 credits)
- WILD 3830 - Range Plant Taxonomy and Function (3 credits)

**Indicates that course counts towards the 9-credit sub-requrement for this category

Physical Science (15 Credits); At Least 6 Credits in Soils, Hydrology, and/or Climate Science

Through the required degree courses listed below, students will automatically accumulate 9 credits in the larger Physical Science category and 4 credits in the 6-credit Soils, Hydrology, and/or Climate Science subcategory:

- **PSC 3000 - Fundamentals of Soil Science (4 credits)

  and either:

  - CHEM 1110 - General Chemistry I (4 credits)
  - CHEM 1120 - General Chemistry II (4 credits)
  - CHEM 1125 - General Chemistry II Laboratory (1 credit)

  or all of the following courses:

  - CHEM 1210 - Principles of Chemistry I (4 credits)
  - CHEM 1215 - Chemical Principles Laboratory I (1 credit)
  - CHEM 1220 - Principles of Chemistry II (4 credit)

To complete the remaining 2 credits in the Soils, Hydrology, and/or Climate Science subcategory, students should take a relevant elective (such as those listed below):

- **WILD 5350 - Wildland Soils (3 credits)
- **PSC 4810 - Climate and Climate Change (3 credits)
• **PSC 5130 - Soil Genesis, Morphology, and Classification (4 credits)
• **PSC 5310 - Soil Microbiology (3 credits)
• **PSC 5400 - General Meteorology (3 credits)
• **GEO / WATS 5100 - Fluvial Geomorphology (3 credits)
• **WATS 3700 - Fundamentals of Watershed Science (3 credits)

**Indicates that course counts towards the 6-credit sub-requirement for this category

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Resource Management and Conservation (12 Credits); At Least 3 Credits in Ecological Dimensions and 3 Credits in Human Dimensions

Through the required degree courses listed below, students will accumulate 16 credits in this category and fulfill both the Ecological Dimensions and Human Dimensions sub-requirements:

• WILD / ENVS / WATS 2000 - Natural Resources Professional Orientation (1 credit)
• **WILD 2400 - Wildland Resource Techniques (3 credits)
• **WILD 4600 - Conservation Biology (3 credits)
• ^^ENVS 3010 - Fundamentals of Natural Resource and Environmental Policy (3 credits)
• ^^ENVS 4000 - Human Dimensions of Natural Resource Management (3 credits)
• ^^APEC 3012 - Introduction to Natural Resource and Regional Economics (3 credits)

**Indicates that course counts towards the 3-credit Ecological Dimensions sub-requirement

^^Indicates that course counts towards the 3-credit Human Dimensions sub-requirement
Quantitative Science (9 Credits); At Least 6 Credits in Inventory, Monitoring, and/or Assessment

Through the required degree courses listed below, students will accumulate between 15-16 credits in this category and fulfill the 6-credit sub-requirement in Inventory, Monitoring, and/or Assessment of the Quantitative Science category:

- MATH 1050 - College Algebra (3 credits)
- MATH 1100 - Calculus Techniques (3 credits)
- **WILD / GEOG 1800 - Introduction to Geographic Information Sciences (3 credits)
- **WILD 4750 - Monitoring and Assessment in Natural Resource and Environmental Management (3 credits)

and either:

- **STAT 2000 - Statistical Methods (4 credits)

  or:

- **STAT 3000 - Statistics for Scientists (3 credits)

**Indicates that course counts towards the 6-credit sub-requirement for this category

Ecological Restoration (6 Credits)

Through required degree courses, students will fulfill 6 credits for this category with the following courses:

- WILD 3850 - Vegetation and Habitat Management (3 credits)
- WILD 4700 - Ecological Foundations of Restoration (3 credits)
## Summary Table

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<td>Biological Science (15 Credits); At Least 9 Credits in Ecology</td>
<td>Required (or part of degree core requirements): BIOL 1610; BIOL 1615; BIOL 1620; BIOL 1625; BIOL / WATS 2220; WILD 3800; WILD 3810; WILD 3820; WILD 3830</td>
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| Physical Science (15 Credits); At Least 6 Credits in Soils, Hydrology, and/or Climate Science | Required (or part of degree core requirements): PSC 3000; CHEM 1110; CHEM 1120; CHEM 1125 (or alternative chemistry sequence: CHEM 1210; CHEM 1215; CHEM 1220)  
*Choose ONE Relevant Elective From:* WILD 5350; PSC 4810; PSC 5130; PSC 5310; PSC 5400; GEO / WATS 5100; WATS 3700 |
| Resource Management and Conservation (12 Credits); At Least 3 Credits in Ecological Dimensions and 3 Credits in Human Dimensions | Required (or part of degree core requirements): WILD / ENVS / WATS 2000; WILD 2400; WILD 4600; ENVS 3010; ENVS 4000; APEC 3012 |
| Quantitative Science (9 Credits); At Least 6 Credits in Inventory, Monitoring, and/or Assessment | Required (or part of degree core requirements): MATH 1050; MATH 1100; WILD / GEOG 1800; WILD 4750; STAT 2000 (or STAT 3000) |
| Ecological Restoration (6 Credits)         | Required (or part of degree core requirements): WILD 3850; WILD 4700 |