

Teton Science Schools Partnership

Coursework - Science Teacher Certification

Integrate the crafts of teaching field and classroom-based science inquiry.

- Transfer 15 credits from Teton Science Schools Graduate Program courses
- Earn 27 credits from Antioch University New England
- Student Teach anywhere in the country
- Combine the best of field and classroom-based science teaching
- Open the doors to public and private school teaching throughout the country

Courses taken through the Teton Science Schools Graduate Program that can be applied toward an MS in Environmental Studies with Science Teacher Certification.

Teton Science School courses (15 credits)

ZOO5430 Community Ecology of the Greater Yellowstone Ecosystem (3)
NASC5630 Spring Teaching Practicum - TSS (3)
ZOO5420 Ecological Inquiry (3)
NASC5620 Adv. Elements of Field Ecology (3)
NASC5640 Intro Field Science Teaching (3)

Antioch University New England courses (27 credits)

Earth Systems & Climate Change (3)
Leadership for Change (3)
Conceptual & Human Development (3)
Problem Solving Science (3)
Foundations of Science & Environmental Ed (3)
Curriculum Design (3)
Teaching Exceptional Children (2)
School Law (1)
Capstone: Student Teaching Internship (6)

*Sample Methods Courses Include:

Advanced Topics in Environmental Education:

- Program Evaluation
- Urban Environmental Education
- Teaching Teachers about the Environment
- Educating for Sustainability
- Educational Aspects of Green Building Design

Environmental Education Field Techniques:

- Community & School-based Food Systems
- Teaching in the Outdoors
- Interpretation and Exhibit Design
- Environmental Service Learning

- Learning Development and Theory
- Conservation Psychology and Social Marketing

Additional Method courses include:

- Building Sustainable Organizations (BSO)
- Citizen Participation and Sustainable Communities
- Climate Change: Resilience, Adaptation and Mitigation
- Coastal Geo-ecology of New England (Fall 2011 field study trip)
- Conservation Biology
- Cuba: Sustainability and the New Food System (Fall 2012 registration; January 2013 field study trip)
- Ecology and Management of Adirondack Mountains (Fall 2012 field study trip)
- Ecosystems of Mount Desert Island (Spring 2012 field study trip)
- Energy and Materials Sustainability
- Environmental Law
- Environmental Assessment Techniques
- Financial Administration
- Geographic Information System (GIS)
- Integrated Conservation of Tropical Ecosystems: Costa Rica (Spring 2012 March field study trip)
- Land Use and Community Planning
- Making Sense of Place
- Natural Resource Inventory
- New England Flora
- Non Profit Organizations & Social Entrepreneurship
- Organizing for Social Change
- Ornithology
- Principles of Sustainability
- Proposal Writing and Project Management
- Qualitative and Quantitative Research Design Techniques
- Soil Ecology
- Soils Mapping and Interpretation
- Vertebrate Ecology: Mammalogy
- Wetlands Ecology
- Wildlife & Forest Management