



U.S. Fish & Wildlife Service

National Conservation Training Center

Conserving the Nature of America

CSP2101 - Applied Landscape-Scale Conservation Biology

Course Code	CSP2101
Course Title	Applied Landscape-Scale Conservation Biology
Description	<p>This course provides students with a foundation in the principles of Conservation Biology and Landscape Ecology needed for designing sustainable landscapes. Students will learn how to apply these principles at the landscape scale and within a Strategic Habitat Conservation framework. Within the context of landscape conservation and climate change, the course entails a variety of exercises covering species diversity, genetic drift, effective population size, demographic and environmental stochasticity, single population and meta-population viability analyses, habitat fragmentation and connectivity.</p> <p>Who Should Attend: This class is designed for anyone who wants a core understanding of Conservation Biology and Landscape Ecology and their application to conservation planning.</p> <p>Length: 4.5 days/36 hours. College Credit: 2 semester hours. After completing this course, participants become eligible for CSP2104 – Conservation Biology - Independent Study (1 credit hour).</p> <p>Instructor: Dr. Curt Griffin, Professor of Wildlife Ecology, University of Massachusetts, Amherst, MA</p> <p>Objectives: By the end of the training, the participant will be able to:</p> <ul style="list-style-type: none">• Understand the principles of Conservation Biology and Landscape Ecology and their application to conservation planning• Develop measurable biological objectives and monitoring programs for adaptive management• Conduct viability analyses for single populations and meta-populations• Understand implications of habitat fragmentation, such as edge effects, connectivity, patch dynamics• Learn to set priorities for designing sustainable landscapes and conservation planning
Delivery Method	Instructor Led
Non-FWS Fee	\$995.00
Instructional Hours	36
Credits/CEUs	3.0
Course Content Contact	Jennifer Ryan; jennifer_ryan@fws.gov; (304) 876-7677; jennifer_ryan@fws.gov
Curriculum Category	Wildlife Biology and Field Techniques
Course Frequency	Once per year
Registration Link	Register in DOI Talent
DOI LEARN Course Type	ILT
College Credit Name	Semester Hours
College Credit Value	2

Schedule: CSP2101 - Applied Landscape-Scale Conservation Biology

Start	End	Session Information	Location	Session Contact	Session Details
1/14/2019	1/18/2019	Content: Jen Ryan, jennifer_ryan@fws.gov	National Conservation Training Center (NCTC)	Registration Questions: Brenda Hooper, brenda_hooper@fws.gov	Class Hours: Monday-Thursday 8:00-5:00 Friday 8:00-12:00