

# Undergraduate Certificate - Public Lands Management

EVSP421	Water Resources Management	3
Total Semester Hours		18

The undergraduate certificate in Public Lands Management explores the origins of national parks, forests, and refuges, and studies the tools and techniques used by land managers to provide ecosystem services to the public. These tools help you to develop an understanding of regulatory and policy issues, the use of remote sensing and geographic information systems technology, and the application of land preservation and protection strategies. You will examine fundamental land use controls such as zoning, land use policy, and contemporary management techniques. Knowledge gained in this certificate is helpful in the forestry, land conservation, and land management fields. This online certificate is intended for undergraduate students who want to expand their knowledge of public lands management without committing to a degree program.

## Certificate Objectives

Upon successful completion of this certificate, the student will be able to:

- List the federal, state, and local agencies that manage public lands in the U.S.
- Explain the regulatory, policy, and political influences on public lands management.
- Develop management strategies for the management of public lands that balance competing needs and uses.
- Describe the techniques and strategies used to manage fish and wildlife resources on public lands.
- Evaluate land use, development, and management plans within and adjacent to public lands.
- Assess the current status of public lands and its contribution to the social and environmental sustainability of the U.S.

## Certificate Requirements (18 semester hours)

Code	Title	Semester Hours
EVSP321	Land Use and Planning	3
EVSP322	Remote Sensing and Geographic Information Systems	3
EVSP330	Fish and Wildlife Policies, Programs, and Issues	3
EVSP331	Public Lands Management	3
EVSP411	Environmental Policy, Regulation, and Law	3