



Ecology Conservation & Management Certification

Study Guide

CERTIFICATION OVERVIEW

The Ducks Unlimited Ecology Conservation & Management Certification verifies individuals have obtained exceptional knowledge and skills in the areas of ecological principles and wildlife management, as well as habitat, forest, grasslands, wetlands and waterfowl conservation and management.

EXAM OVERVIEW

The Ducks Unlimited Ecology Conservation & Management Certification is hosted on the iCEV testing platform. The certification exam is a 100-question, randomized assessment. Exam questions are in the format of multiple choice, sort order, diagramming, matching, labeling and other question types meant to fully evaluate an individual's knowledge and skills. The exam is proctored within a controlled environment. The proctor of the exam must review and verify all exam procedures and provide electronic documentation through the exam platform.

INDUSTRY STANDARDS

Industry Standard Overview

To pass the Ducks Unlimited Ecology Conservation & Management Certification exam, certification candidates must have adequate knowledge of the industry standards. The following outlines an in-depth overview of the industry standards and sub-standards:

Industry Standard: Ecological Principles

Ecology & Ecological Levels

- Aquatic Biome
- Forests Biome
- Grasslands Biome
- Wetlands

Take-Off Methods

- Cultural Services
- Regulating Services
- Supporting Services

Habitat Loss

Types of Habitats

- Marine
- Freshwater
- Terrestrial

Conservation & Management Timeline

- 1872
- 1903
- 1905
- 1916
- 1933

Methods of Conservation

Forests

Air Quality

Water Quality

Soil Erosion

Deforestation

Types of Forests

Threats to Forests

Unsustainable Logging Methods

Urban Sprawl

Invasive Species

Pests

Managing Forests

Monitoring Burn Conditions

Reforestation

Agroforestry

Sustainable Forest Use

Laws Affecting Forest Management & Conservation

Grasslands

- Temperate Grasslands
- Savannas

Carbon Storage

Fragmentation

Conservation Bills
Invasive Species
Grassland Farming

Wetlands

- Marshes
- Swamps
- Bogs
- Fens

Wetland Threats

Wetland Conversion

Wetland Degradation

Invasive Species

Conservation of Wetlands

Wetland Conservation Methods

Protection

Restoration

Management

Wetland Hydrology

Wetland Plants

Groundwater Recharge

Baseflow Contribution

Biological Uptake

Habitat

WetWeeeeeee

Optional Preparation Materials Overview

The preparation materials offered by iCEV for the Ducks Unlimited Ecology Conservation & Management Certification was specifically created to prepare candidates for the certification exam. While it is not required to complete the preparatory materials before accessing the certification exam, Ducks Unlimited recommends certification candidates

Lesson 6: Wetlands: Ecosystems Goods & Services

