Certificate of Higher Education: Field Ecology Framework

Key Courses

Bird Identification

Woodland Birds

Waterbird Identification

Autumn Migrant Birds

Butterflies of Various Habitats

Discovering Marine and Freshwater Invertebrates

Dragonflies of Various Habitats

Entomology: The Larger Insects of Wales

Field Survey Techniques

Ferns and Fern Allies

Fungal Ecology

Identifying Grasses, Sedges and Rushes

Identifying Mosses, Liverworts and Lichens

Invertebrate Macrophotography

Marine Biology: An Introduction

Plants in their Habitats

Discovering British Terrestrial Invertebrates

Rocky Shore Ecology & Sampling Techniques

Understanding Amphibians

Understanding British Bats: An Introduction

Understanding British Mammals Insectivores,

Rodents and Lagomorphs

Understanding British Mammals: Mustelids,

Canids and Ungulates

Understanding British Marine Mammals

Introduction to Animal Behaviour

Understanding Reptiles

Climate Change Ecology

Wildflowers Identification and Folklore

Please note the following:

- The Certificate comprises 120 credits.
- All four Core Courses must be taken.
- The Certificate of Higher Education is Level 4 (NQF).
- A minimum of 50 credits must be taken from the Key Courses.
- No more than 20 credits can be taken at Optional -Level 0.
- Modules are 10 credits unless otherwise stated.
- To obtain the Certificate, candidates must achieve a weighted average of at least 40% overall.

Core Courses

An Introduction to Ecology Animal Diversity
Identifying Flowering Plants Plant Diversity

Optional Courses - Level 1

Evolutionary Biology: An Introduction

Coastlines - Form and Function

Conservation of Britain's Biological Resources

Dealing with Data: An Introduction to Statistics

Forestry and the Environment

Introduction to Geology

Issues in Conservation

Soil, Climate and Topography

Town and Country

Peat and Peatlands of Wales

Know Your Soil (5 credits)

Optional Courses - Level 0

Science behind Gardening (5 credits)

Earth and Water

Gardening with Wildlife

Growing Fruit (5 credits)

Exploring Nature Through a Lens

Introduction to Forest Gardening (5 credits)

Introduction to Fungi

Introduction to Outdoor Digital Photography

Organic Gardening

Introduction to Permaculture

Permaculture 1 – An Introduction (5 credits)

Wildlife Digital Photography

Amphibians in the Environment (5 credits)

Natural History Illustration Courses

Botanical Illustration 1

Botanical Illustration 2

Birds and Mammals

Flower painting (20 credits)

Below are all 5 credit courses:

Sourced from the kitchen garden /

Seed heads / Succulents / Fungi /

Fur, Feather and Scale / Insects /

Dragonflies / Shells / Invertebrates /

Seaweed / Crustaceans /

Mosses, Lichens and Liverworts