

## Certificate of Higher Education: Field Ecology Structure

<p><b><u>Key Courses – Level 1</u></b></p> <p>Bird Identification</p> <p>Woodland Birds</p> <p>Waterbird Identification</p> <p>Autumn Migrant Birds</p> <p>Butterflies of Various Habitats</p> <p>Diversity of Invertebrates</p> <p>Dragonflies of Various Habitats</p> <p>Entomology: The Larger Insects of Wales</p> <p>Field Survey Techniques</p> <p>Ferns and Fern Allies</p> <p>Fungal Ecology</p> <p>Identifying Grasses, Sedges and Rushes</p> <p>Identifying Mosses, Liverworts and Lichens</p> <p>Invertebrate Macrophotography</p> <p>Marine Biology: An Introduction</p> <p>Plants in their Habitats</p> <p>Pond and Stream Invertebrate Life</p> <p>Rocky Shore Ecology &amp; Sampling Techniques</p> <p>Understanding Amphibians</p> <p>Understanding British Bats: An Introduction</p> <p>Understanding British Mammals</p> <p>Understanding British Marine Mammals</p> <p>Introduction to Animal Behaviour</p> <p>Understanding Reptiles</p> <p>Climate Change Ecology</p> <p>Wildflowers Identification and Folklore</p> <p>Peat and Peatlands of Wales</p>	<p><b><u>Please note the following:</u></b></p> <p><b>The certificate comprises 120 credits.</b></p> <p><b>All four Core Courses must be taken.</b></p> <p><b>A minimum of 50 credits must be taken from the Key Courses. No more than 20 credits can be taken at Optional Level 0.</b></p> <p><b>In order to obtain the certificate, candidates must achieve a weighted average of at least 40% overall. Modules are 10 credits unless otherwise stated.</b></p> <hr style="width: 50%; margin-left: 0;"/> <p><b><u>Core Courses</u></b></p> <p>An Introduction to Ecology</p> <p>Animal Diversity</p> <p>Identifying Flowering Plants</p> <p>Plant Diversity</p> <p><b><u>Optional Courses – Level 1</u></b></p> <p>Evolutionary Biology: An Introduction</p> <p>Coastlines - Form and Function</p> <p>Conservation of Britain's Biological Resources</p> <p>Dealing with Data: An Introduction to Statistics</p> <p>Forestry and the Environment</p> <p>Introduction to Geology</p> <p>Issues in Conservation</p> <p>Soil, Climate and Topography</p> <p>Town and Country</p> <p>Know Your Soil (5 credits)</p>	<p><b><u>Optional Courses – Level 0</u></b></p> <p>Science behind Gardening (5 credits)</p> <p>Earth and Water</p> <p>Gardening with Wildlife</p> <p>Growing Fruit (5 credits)</p> <p>Exploring Nature Through a Lens</p> <p>Introduction to Forest Gardening (5 credits)</p> <p>Introduction to Fungi</p> <p>Introduction to Outdoor Digital Photography</p> <p>Organic Gardening</p> <p>Introduction to Permaculture</p> <p>Permaculture 1 – An Introduction (5 credits)</p> <p>Wildlife Digital Photography</p> <p>Amphibians in the Environment (5 credits)</p> <p><b><u>Natural History Illustration Courses</u></b></p> <p>Botanical Illustration 1</p> <p>Botanical Illustration 2</p> <p>Birds and Mammals</p> <p>Flower painting (20 credits)</p> <p><b><i>Below are all 5 credit courses:</i></b></p> <p>Sourced from the kitchen garden / Seed heads / Mosses, Lichens and Liverworts / Succulents / Fungi / Fur, Feather and Scale / Insects / Dragonflies / Shells / Invertebrates / Seaweed / Crustaceans</p>
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