

A-LEVEL/IB ACTIVITIES for 2009

We offer flexible and practical ecology and conservation programmes for A-level/IB students, linked to existing and new syllabus requirements.

Choose from:

- **HALF-DAY COURSES (3hrs)** £75 per session, max. 30 students per group.
- **EXTENDED HALF-DAY COURSES (3-4hrs)** £100, max. 30 students per group.
- **FULL-DAY COURSES (4hrs +)** £130, max. 30 students per group.
- **WORKSHOPS** 1hr session, £30 per group, max. 30 students per group; offered individually on a pick and mix basis or as part of a longer day's teaching; wide range of topics (see below); outdoor and indoor workshops available.

Outdoor Activities	Topics/Key skills	Options
Ecological Sampling Techniques Sample and compare plants and invertebrates in different woodland habitats, measuring the abiotic factors affecting their distributions and populations; other habitats available on request. Quadrats and transects, leaf litter sieving, beating and sweeping and small mammal live trapping. Mark-release-recapture experiments. Personal investigations for coursework available.	Diversity Populations and interactions	Half-day, full-day or two-day courses outdoors
Adaptation for Survival Structural, physiological and behavioural adaptations of British wildlife: amphibians, reptiles, birds and mammals. Species covered include terrestrial, arboreal and aquatic mammals, hibernators and cold weather specialists, social and solitary animals.	Adaptation	1hr or 2hr tour or as part of a full day's teaching
Deer and Wild Boar Interspecific and intraspecific competition between large herbivore and omnivore species and different ages/sexes of same species individuals within the same habitat.	Competition	1hr tour or as part of a full day's teaching
Wolves and Deer Prey-predator relationships, highlighting grey wolf and red deer/elk case studies.	Prey-Predators	1hr tour or as part of a full day's teaching
Woodland Management Understand the effects of the coppice rotation in three different-aged sweet chestnut woodland blocks.	Sustainable timber production Coppicing	1hr tour or as part of a full day's teaching

<p>Endangered Species' Conservation Wildwood's role in practical conservation; water vole and hazel dormouse captive-breeding units; importance of bloodlines/studbooks; reintroductions; human development/mitigation case study; conservation initiatives for species unsuitable for captive breeding/reintroduction.</p>	Species conservation	1hr or 2hr tour or as part of a full day's teaching
<p>Habitat Management Use of large herbivores to manage and conserve wetland habitats. Case study using Konik horses, descendants of prehistoric horses. Can include an external visit to one of the sites being managed by horses in East Kent if requested.</p>	Habitat conservation	1hr tour or half-day visit to see horses in the wild (probably to Stodmarsh NNR)
<p>Large Mammal Reintroductions Feasibility of reintroducing some of the large mammals which used to inhabit Britain and are now extinct here in the wild, including large herbivores for habitat management and large carnivores for large herbivore management (wolf, lynx, bear, beaver, wild boar, elk, wild horse and cattle): conservation issues, feasibility studies, European experience; current UK initiatives.</p>	Species and habitat conservation	1hr or 2hr tour or as part of a full day's teaching; could include external visit to see wild horses
<p>Don't Waste It! How wildlife parks solve their specific recycling/sustainability issues (animal and visitor waste).</p>	Recycling Sustainable energy use	1hr tour or as part of a full day's teaching
<p>WORKSHOPS (1hr, or as part of a full-day's teaching)</p>		
<p>Ecological Statistics Practical statistics workshop covering the use of relevant ecological statistics, including chi-squared, Mann-Whitney, Spearman's Rank Correlation, Simpson's Diversity Index and student <i>t</i>-test.</p>	Ecological statistics	1hr indoor workshop
<p>CSI: Wildwood – Who Killed Mr Bunny? Our award-winning forensic science workshop. Use all your investigative skills to solve a woodland murder mystery.</p>	Classification, adaptation, food chains, and forensic entomology	1hr outdoor workshop

PLEASE REMEMBER WE WILL ALWAYS ADAPT A COURSE OR A WORKSHOP JUST FOR YOU TO MEET YOUR SYLLABUS NEEDS!

Contact anne@wildwoodtrust.org or laura@wildwoodtrust.org to discuss your day.