

## ROYAL AGRICULTURAL COLLEGE MODULAR SCHEME

*Sheet updated: September 2010*

<b>Module code</b> 4029	<b>Module title</b> Environmental and Woodland Management	<b>Module leader</b> David Lewis
<b>School which owns module</b>	School of Real Estate and Land Management (RELM)	
<b>Programme(s) to which module belongs</b>	MSc Rural Estate Management (core)	
<b>Module level</b> 7	<b>Module credits</b> 15	<b>Pre-requisites</b> None
<b>Minimum study time</b> 150 hours	<b>Contact hours within study time</b> 45	<b>Teaching period</b> October – May
<p><b>Module content:</b></p> <p>Farmland and woodland habitats and their importance to biodiversity and the wider environment. Introduction to ecological principles, and the implementation of rural policies, including the Common Agricultural Policy, agri-environmental and other measures, to provide environmental management practices. The agencies and organisations involved in delivering the land management policy framework, with an emphasis on environmental and woodland priorities. Environmental protection, impact, assessment and audit.</p> <p>Forest policy and forestry as a rural land use. Tree identification and the silvicultural characteristics of the main species used in “commercial” and “amenity” forestry. New planting and restocking. Management for timber, habitat, landscape and sporting objectives. Harvesting and marketing of timber. Woodland grant schemes and the economics of woodland management.</p>		
<p><b>Module outcomes:</b></p> <p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> <li>1. Appraise the role and importance of farmland and woodland habitats in delivering biodiversity.</li> <li>2. Demonstrate an understanding of the policy framework mechanisms for delivery and implementation of environmental measures.</li> <li>3. Demonstrate an understanding of the issues required for environmental protection, impact assessment and audit.</li> <li>4. Assess and evaluate both timber and non-timber values of different woodland.</li> <li>5. Prepare and implement management plans appropriate to the owner and types of woodland.</li> <li>6. Assess and evaluate the financial performance of woodlands.</li> </ol>		
<b>Assessment</b>	<b>Description</b>	<b>Weighting</b>
<b>Coursework</b>	A report on a woodland resource	50%

<b>Examination</b>	3 hours	50%
<b>Key Texts (students should be familiar with the following):</b> Andrews, J. and Rebane, M. (1994). <i>Farming and Wildlife: A Practical Management Handbook</i> . RSPB. Forestry Commission (1988). <i>Thinning Control: Field Book 2</i> . HMSO. Hart, C. (1991). <i>Practical Forestry for the Agent and Surveyor</i> . (3 <sup>rd</sup> edition). Alan Sutton Publishing Ltd. Peterken, G. F. (1993). <i>Woodland Conservation and Management</i> . (2 <sup>nd</sup> edition). Alan Sutton Publishing Limited.		