

ROYAL AGRICULTURAL COLLEGE MODULAR SCHEME

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Module Code 4110	Module title Fisheries and Aquaculture Management	Module leader Richard Baines
School which owns module	School of Agriculture	
Programme(s) to which module belongs	MSc International Rural Development (elective)	
Module Level 7	Module credits 15	Pre-requisites None
Minimum study time 150 hours	Contact hours within study time 60	Teaching period
<p>Module content</p> <p>This module explores the sustainability of fisheries management from international conventions and the UN Law of the Sea to national policies and strategies. Regional policies aimed at managing fisheries are then assessed using Europe as a case in point. The module will also evaluate fisheries from a range of perspectives including fishery systems (natural, human and management); marine and freshwater ecosystem dynamics; human demand for protein including fish; the evolution of sustainability standards linked to trade (including the Marine Stewardship Council); the importance of fishing to communities; and, the increase in aquaculture and marine fish farming.</p>		
<p>Module outcomes</p> <p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Evaluate the impact of conventions and regional policies on the protection of essential marine and freshwater ecosystems, species and communities that depend on them. 2. Evaluate the impacts of market structures on the sustainability of fish populations and fish supply from wild catch and farmed systems. 3. Develop a sustainable aquaculture system for a named situation. 		
Assessment	Description	Weighting
Coursework	Evaluation of EU Fisheries Policy	30%
	Aquaculture systems and developing a sustainable market strategy for fish consumption	30%
Examination	Final paper (2 hours)	40%
<p>Key Texts (students should be familiar with the content of at least one of the following):</p> <p>Bailey, R. (2000). <i>Earth Report 2000: Revisiting the True State of the Planet</i>. Charles, A. (2001). <i>Sustainable Fishery Systems</i>. Blackwell Scientific Press. Davenport, J. (2003). <i>Aquaculture; The Ecological Issues</i>. British Ecological Society. European Commission. (2002). <i>The Common Fisheries Policy</i>. Le Lann, A. (1998). <i>Livelihoods from Fishing: Globalisation and Sustainable Fisheries Policy</i>. Intermediate Technology. Pilcher, T.J. and Hart, P.J.B. (1982). <i>Fisheries Ecology</i>. Croom Helm London.</p> <p>Journals:</p> <p>Journal of Environmental Planning and Law; Journal of Environmental Assessment, Policy and Law; World Review of Science, Technology and Sustainable Development.</p>		