

ENVIRONMENTAL SCIENCES MODERATORSHIP COURSE STRUCTURE & EXAMINATION VALUES

Junior Sophisters

The Environmental Science Moderatorship course consists of 60 European Credit Transfer Systems (Credits) per year. Junior Sophisters take a total of 50 mandatory Credits, and are required to take one Broad Curriculum Module (5 Credits), and two optional modules (10 Credits). Some modules are examined entirely by in-course assessment; most are assessed by a combination of in-course assessment and examination.

MANDATORY MODULES:

Modules	Credits
ES3055 Introduction to Environmental Sciences	5
BO3105 Fundamentals of Ecology	5
ES3040 Environmental and Analytical Chemistry	5
BO3106 Statistics and Experimental Design	5
GG3033 Geographical Information Systems	5
GG3020 Coastal Processes & Management I	5
GL3333 Stable Isotopes & Groundwater Quality	5
ZO3083 Freshwater Biology	5
ZO3081/2 Electives In Ecology*	5
ZO3302 Bioindicators and Pollution	
ZO3307 Terrestrial Ecology Field Trip	
ZO3306 Wildlife Biology	
BC Broad Curriculum **	5
TOTAL CREDITS	50

OPTIONAL MODULES:

(students choose two of the optional modules below)

Modules	Credits
BO3121 Spring Field Trip	5
BO3111 Angiosperm Diversity and Systematics	5
BO3120 Environmental Dynamics	5
GG3021 Coastal Processes & Management II	5
TOTAL CREDITS REQUIRED	10

*Students choose two of the Electives in Ecology

**Students have a choice of 5 Credits from the Broad Curriculum syllabus

**Junior Sophister Environmental Science
Exam Values 2011-2012 (Provisional)**

Module Codes	Modules	Opt. Man.	Credits	Overall Marks	Exam Marks Value	CA Marks Value	Exam %	CA %	No. of Exam Answers/ Questions
ES3056	Introduction to Environmental Sciences	M	5	50		50		100	
BO3105	Fundamentals of Ecology	M	5	50	25	25	50	50	2/3
ES3040	Environmental & Analytical Chemistry	M	5	50	25	25	50	50	2/4
BO3106	Statistics & Experimental Design	M	5	50		50		100	
GG3033	Geographical Information Systems	M	5	50		50		100	
GG3020	Coastal Processes & Management I	M	5	50	50		100		3/6
GL3333	Stable Isotopes and Groundwater Quality	M	5	50	25	25	50	50	2/4
ZO3083	Freshwater Biology	M	5	50		50		100	
ZO3081/2	Electives in Ecology	M							
ZO3302	Bioindicators & Pollution		2.5	25	25		100		1/2
ZO3307	Terrestrial Ecology Field Trip		2.5	25		25		100	
ZO3306	Wildlife Biology		2.5	25	25		100		1/2
BC....	Broad Curriculum	M	5	50		50		100	
BO3121	Spring Field Trip	O	5	50		50		100	
BO3111	Angiosperm Diversity and Systematics	O	5	50		50		100	
BO3120	Environmental Dynamics	O	5	50	25	25	50	50	2/3
GG3021	Coastal Processes & Management I	O	5	50	50		100		3/6

Mandatory Module Marks 500

Optional Module Marks 100

Total 600

SENIOR SOPHISTERS

In the Environmental Sciences Senior Sophister year students take a total of 55 mandatory Credits, and one optional module (5 Credits). Some modules are examined entirely by in-course assessment; most are assessed by a combination of in-course assessment and examination. In addition they are required to undertake a research project which culminates in the submission of a dissertation. The year consists of a total of 60 Credits, of which the research project accounts for 20 Credits.

MANDATORY MODULES:

Modules	Credits
ES4014 Research Project	20
ES4052 Environmental Literature Seminars	5
ES4020 Water Technology	5
BO4104 Data Analysis	5
BO4105 Global Environmental Change	5
BO4102 Plant Community Ecology	5
ZO4092 Environmental Impact Assessment	5
ZO4093 Estuarine Ecology (practicals) & (lectures)	5
TOTAL CREDITS	55

OPTIONAL MODULES:

(students choose one of the optional modules below)

Modules	Credits
BO4107 Plant-Animal Interactions	5
BO4103 Plant Conservation and Biodiversity	5
GG4025 Environmental Governance I	5
GG4039 Understanding Environmental Change	5
ZO4402 Conservation and Wildlife Management	5
TOTAL CREDITS	5

**Senior Sophister Environmental Science
Exam Values 2011-2012 (Provisional)**

Module Codes	Modules	Opt. Man.	Credits Value	Overall Marks Value	Exam Marks Value	CA Marks Value	% Exam	% CA	No. of Exam Answers/ Questions
ES4014	Research Project	M	20	200		200		100	
ES4052	Environmental Literature Seminars	M	5	50	see essay & problem paper		see essay & problem paper		see essay & problem paper
	Essay Paper (exam marks from Env. Literature Seminars)				25		25		2/18
	Problem Paper (exam marks from Env. Literature Seminars)				25		25		2/3
ES4020	Water Technology	M	5	50	25	25	50	50	2/3
BO4104	Data Analysis	M	5	50		50		100	
BO4105	Global Environmental Change	M	5	50	25	25	50	50	2/3
BO4102	Plant Community Ecology	M	5	50	25	25	50	50	2/3
ES4016	Environmental Impact Assessment	M	5	50	25	25	50	50	2/3
ES3450	Estuarine Ecology (lectures) & (practicals)	M	5	50	25	25	50	50	2/3
BO4107	Plant-Animal Interactions	O	5	50	25	25	50	50	2/3
BO4103	Plant Conservation and Biodiversity	O	5	50	25	25	50	50	2/3
GG4025	Environmental Governance I	O	5	50		50		100	
GG4039	Understanding Environmental Change	O	5	50	25	25	50	50	2/3
ZO4402	Conservation & Wildlife Management	O	5	50	50		100		2/3

Mandatory Module Marks	550
Optional Module Marks	50
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	600
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