

**PLANT SCIENCES MODERATORSHIP
COURSE STRUCTURE & EXAMINATION VALUES**

JUNIOR SOPHISTERS

The JS year consists of a diverse programme of lectures, laboratory practicals, field trips, tutorials and seminars, totaling 55 mandatory Credits. In addition to core Plant Science modules, Junior Sophister students may choose between the Broad Curriculum module (5 Credits) or the Genetics module (5 Credits). These modules are indicated in greater detail below.

MANDATORY MODULES:

Modules	Credits
BO3100 Plant Physiology	5
BO3110 Lower Plant Diversity and Evolution	5
BO3111 Angiosperm Diversity and Systematics	5
BO3120 Environmental Dynamics	5
BO3104 Plant Cell Ultrastructure, Anatomy and Metabolism	5
BO3105 Fundamentals of Ecology	5
BO3107 Plant Molecular Biology	5
BO3106 Statistics & Experimental Design	5
BO3108 Autumn Field Trip	5
BO3121 Spring Field Trip	5
BO3109 Seminars, Tutorials and Workshops	5
TOTAL CREDITS	55

OPTIONAL MODULES:

(students choose one of the optional modules below)

Modules	Credits
Broad Curriculum Module	5
GE3160 Molecular Genetics	5
TOTAL CREDITS	5

JS Plant Sciences Exam Values 2011-2012								
Module Codes	Modules	Credits	Overall Marks	Exam Marks Value	CA Marks Value	Exam %	CA %	No. of Exam Answers/ Questions
GE3160	Molecular Genetics	5	50	50		100		2/4
BO3100	Plant Physiology	5	50	25	25	50	50	2/3
BO3110	Lower Plant Diversity and Evolution	5	50	25	25	50	50	2/3
BO3111	Angiosperm Diversity and Systematics	5	50		50		100	
BO3120	Environmental History	5	50	25	25	50	50	2/3
BO3104	Plant Cell Ultrastructure, Anatomy and Metabolism	5	50	25	25	50	50	2/3
BO3105	Fundamentals of Ecology	5	50	25	25	50	50	2/3
BO3106	Statistics & Experimental Design	5	50		50		100	
BO3107	Plant Molecular Biology	5	50	25	25	50	50	2/3
BO3108	Autumn Field Trip	5	50		50		100	
BO3121	Spring Field Trip	5	50		50		100	
BO3109	Seminars, Tutorials and Workshops	5	50		50		100	

Mandatory Module Marks Value 550

Optional Module Marks Value 50

Total 600



SENIOR SOPHISTERS

In the Senior Sophister year, students attend a series of lectures, laboratory practicals, seminars, tutorials and workshops. 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 50 mandatory Credits, 5 optional Credits for Plant Sciences Modules, and 5 optional Credits for one other Plant Sciences or Faculty of Science module. Students must select two optional modules in total. One optional module must be selected from the Plant Sciences optional module list and the second optional module may be selected from either the Plant Sciences optional module list or from the Faculty optional module list.

MANDATORY MODULES:	
Modules	Credits
BO4100 Research Project	20
BO4101 Environmental Physiology	5
BO4102 Plant Community Ecology	5
BO4104 Data Analysis	5
BO4106 Seminars, Tutorials and Workshops	10
BO4107 Plant-Animal Interactions	5
TOTAL CREDITS	50
PLANT SCIENCES OPTIONAL MODULES: (students choose one or two of the following optional modules)	
Modules	Credits
BO4103 Plant Conservation and Biodiversity	5
BO4105 Global Environmental Change	5
FACULTY OPTIONAL SCIENCE MODULES: (students choose none or one of the following optional modules)	
Modules	Credits
GE4357 Plant Molecular Genetics	5
ZO4093 Estuarine Ecology	5
ZO4092 Environmental Impact Assessment	5
TOTAL OPTIONAL CREDITS	10

SS Plant Sciences Exam Values 2011-2012

Module Codes	Modules	Opt. Man.	Credit Value	Overall Marks Value	Exam Marks Value	CA Marks Value	% Exam	% CA	No. of Exam Answers/ Questions
BO4100	Research Project	M	20	200		200		100	
BO4101	Environmental Physiology	M	5	50	25	25	50	50	2/3
BO4102	Plant Community Ecology	M	5	50	25	25	50	50	2/3
BO4103	Plant Conservation and Biodiversity	O	5	50	25	25	50	50	2/3
BO4104	Data Analysis	M	5	50		50		100	
BO4105	Global Environmental Change	O	5	50	25	25	50	50	2/3
BO4107	Plant-Animal Interactions	M	5	50	25	25	50	50	2/3
BO4106	Seminars, Tutorials and Workshops	M	10	100	see essay & problem paper	50	see essay & problem paper	50	see essay & problem paper
	Essay Paper (exam marks from Sem., Tut. & W'shp)				25		25		2/16
	Problem (exam marks from Sem., Tut. & W'shp)				25		25		2/4
GE4357	Plant Molecular Genetics	O	5	50	50		100		2/4
ZO4093	Estuarine Ecology	O	5	50	25	25	50	50	2/3
ZO4092	Environmental Impact Assessment	O	5	50	25	25	50	50	2/3

Plus 106 for JS Mark carried over which represents 15% of the SS Total Marks Value	106
Mandatory Module Marks Value	500
Optional Module Marks Value	100
Total	<u>706</u>