

Summary Information

Module Code	3501YAUBIO
Formal Module Title	Botany
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 3
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Yunnan Agricultural University

Learning Methods

Learning Method Type	Hours
Lecture	56
Practical	64

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	12 Weeks

Aims and Outcomes

Aims	Botany is a science that studies the morphological structure, physiological function, growth and development rules of plants, the evolution and classification of plants and the utilisation of plant resources. The module aims to provide students with an opportunity to master the external form and internal structure of plants, growth and development rules by the study of this module. Students will develop a basic knowledge of plant classification and plant kinship.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Outline the basic concepts, basic knowledge and basic principles of botany.
MLO2	2	Describe botany research methods with a strong ability to identify and use plant resources.
MLO3	3	Describe the principles and methods of plant morphological structure and phylogenetic development, and explain the relationship between various plants and agricultural production.
MLO4	4	Demonstrate the basic knowledge and skills of observation, anatomy, description, retrieval and identification of plants.

Module Content

Outline Syllabus	The main contents of the module include plant cells and tissues, vegetative organs of angiosperms, reproductive organs of angiosperms, and plant classification. Students will master the use of microscopes, methods and techniques such as freehand sectioning, mounting, staining and biological drawing, along with gaining the basic knowledge and skills of observation, anatomy, description, retrieval and identification of plants.
Module Overview	
Additional Information	The module is designed to provide students with an understanding of the principles and development of botany through practical operation and the study of botanical experimental techniques. Students will also further their understanding of theoretical knowledge.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Exam	Exam	25	2	MLO1, MLO2, MLO3, MLO4
Practice	Practice	25	0	MLO1, MLO2, MLO3, MLO4
Exam	Exam 1	15	0	MLO1, MLO2, MLO3, MLO4
Exam	Exam 2	30	0	MLO1, MLO2, MLO3, MLO4
Report	Report	5	0	MLO1, MLO2, MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Katie Evans	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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