

Summary Information

Module Code	4502YAUBIO
Formal Module Title	Crop Science and Technology
Owning School	Pharmacy & Biomolecular Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
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	38
Practical	10

Module Offering(s)

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

Aims and Outcomes

Aims	The aim of this module is for individuals to develop an understanding of the crop science developments, principles and application in crop science. Students are required to understand principles in agro-ecology, cultivation science, genetics, breeding science, and crop cultivation. Students will also develop an understanding of theoretical knowledge and application which will support the ability of individuals to devise and deliver appropriate practical sessions, and to apply this technology to scientific research.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Explain the basic concepts, theory, methods and technology, relevant to crop science.
MLO2	2	Investigate the technical measures of crop production and the implementation protocol of cultivar improvement.
MLO3	3	Create the optimised conditions which meet the high yield, good quality and high efficiency of crop production based on the internal and external causes of crop variety.
MLO4	4	Describe the progress in the theory of crop production and its utilisation.

Module Content

Outline Syllabus	The module provides an understanding of crop generality including an overview of crop science, classification of crops, crop origin and distribution, breeding of crop varieties and fine breed propagation, crop growth and development, crop yield formation, crops and ecological environment, crop production technology and planting system.
Module Overview	
Additional Information	This module allows students to develop an understanding of the crop science developments, principles and application in crop science. Students will also develop basic practical skills in crop generality.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Exam	Exam	70	2	MLO1, MLO2, MLO3, MLO4
Practice	Practice	20	0	MLO1, MLO2, MLO3, MLO4
Exam	Exam	10	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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