Agricultural Meteorology

Module Information

2022.01, Approved

Summary Information

Module Code	4501YAUBIO
Formal Module Title	Agricultural Meteorology
Owning School	Biological and Environmental 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	31
Practical	9

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 students to develop an understanding of the process and rule of agricultural meteorology, agricultural weather and agroclimate, associated with the growth of agricultural organisms and agricultural activities. A thorough understanding of theoretical knowledge and application will lay a good foundation for the following professional courses.

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Describe the basic principles of physical phenomena, physical process and atmospheric movement.
MLO2	2	Discuss the relationship between the growth and developmental process of agricultural organisms and their environment.

Module Content

Outline Syllabus	The module provides an understanding of agricultural meteorology including the basic knowledge and principles of agricultural meteorology, the relationship between the significance, feature, change rule of agrometeorological elements and agricultural organisms, the obvious distinction between weather and agricultural weather, climate and agroclimate, the basic law of the formation, change, and adjustment on agricultural microclimate.
Module Overview	
Additional Information	This module is designed for students to develop an understanding of the definition, principles and application in agricultural meteorology. Students will also develop basic practical skills in agricultural meteorology. The module activities include appropriate practical sessions relevant to agricultural meteorology, the general observation principles, methods and data reduction methods are required for students.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Exam	Exam	70	2	MLO1, MLO2
Test	Test	30	0	MLO1, MLO2

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