

Summary Information

Module Code	3502YAUNUT
Formal Module Title	Organic Chemistry
Owning School	Sport and Exercise 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	30
Workshop	10

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	12 Weeks

Aims and Outcomes

Aims	This module introduces students to the composition, structure, properties, synthesis and related theoretical knowledge of organic compounds. Through lectures and workshops students will master the basic knowledge and theory of organic chemistry and understand some of the latest achievements and developments in this field. This module provides a solid foundation for students to study food and nutrition in future modules.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Recall basic theory and knowledge of organic chemistry
MLO2	2	Identify nomenclature of organic compounds and representation methods of organic molecular structures
MLO3	3	Reproduce organic molecular structural formula and organic chemical reaction equations

Module Content

Outline Syllabus	This module covers the following topics: Alkanes and alkenes; Aromatic Hydrocarbons; Optical Isomerism; Halogenated Hydrocarbons; Alcohols, Phenols, and Ethers; Aldehydes, Ketones, and Quinones; Carboxylic Acids and Their Derivatives and Substituted Acids; Nitrogen and Phosphorous Compounds; Heterocyclic Compounds; Fats and Carbohydrates
Module Overview	
Additional Information	This module provides the foundation for students studying food science and nutrition modules at Levels 4, 5 and 6

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Exam	Exam	60	2	MLO1, MLO2, MLO3
Portfolio	Portfolio	40	0	MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Elizabeth Mahon	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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