

## Module Information

2022.01, Approved

## Summary Information

Module Code	3503YAUNUT
Formal Module Title	Experimental Organic Chemistry
Owning School	Pharmacy & Biomolecular 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
Practical	24

## Module Offering(s)

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

## Aims and Outcomes

Aims	This module aims to improve student's ability to combine theory with practise and to consolidate and deepen their knowledge of basic organic chemistry. Through this module students will enhance their laboratory, problem-solving and analytical skills.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Develop basic laboratory skills and appreciate health and safety requirements
MLO2	2	Understand the common methods and basic operating techniques for separation and purification of organic compounds
MLO3	3	Demonstrate an ability to process and present experimental data correctly

### Module Content

Outline Syllabus	The following experiments and associated theory will be covered in this module: Recrystallization of Acetanilide; Determination of melting point and boiling point; Ordinary distillation; Paper chromatography; Synthesis of ethyl acetate; Extraction of Crude Oil; Steam distillation; Extracting Caffeine from Tea
Module Overview	
Additional Information	This module will apply principles covered in 3502YAUNUT

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Exam	Practical exam	100	2	MLO1, 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