

## Liverpool John Moores University

Title: FURTHER CONCEPTS IN CHEMISTRY  
Status: Definitive  
Code: **6042PGSKSC** (104425)  
Version Start Date: 01-08-2016

Owning School/Faculty: Education  
Teaching School/Faculty: Education

Team	Leader
Andrea Mallaburn	Y
Robert Jones	

**Academic Level:** FHEQ6      **Credit Value:** 24      **Total Delivered Hours:** 50  
**Total Learning Hours:** 240      **Private Study:** 190

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24
Practical	24

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination	40	2
Test	AS2	Directed Tasks (2,400 word equivalent)	40	
Reflection	AS3	Reflective Log (1,200 word equivalent)	20	

### Aims

*This module will enable students to develop understanding of key principles and concepts relating to understanding organic chemistry.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Apply their understanding of the chemistry of carbon compounds in a variety of contexts.
- 2 Critically evaluate and reflect on their learning and independently plan to extend their subject knowledge to a level appropriate for teaching secondary school chemistry.

## Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

EXAM	1
CW	1
CW	2

## Outline Syllabus

*Introduction to Organic Chemistry: nomenclature, Isomerism, petroleum, alkanes, alkenes, epoxyethane, haloalkanes and alcohols.*

## Learning Activities

Lectures, Practicals and Independent Study

## Notes

The module supports learning about chemistry concepts relevant to the National Curriculum and Post-16 curricula and an audit of knowledge and understanding of chemistry concepts will be made during the module.