

Liverpool John Moores University

Title: Advanced Primary Science
Status: Definitive
Code: **6217PRIM** (122783)
Version Start Date: 01-08-2021

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

Team	Leader
Avril Rowley	Y
Rick Tynan	

Academic Level: FHEQ6 **Credit Value:** 10 **Total Delivered Hours:** 20

Total Learning Hours: 100 **Private Study:** 80

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	20

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Essay: 2500 words.	100	

Aims

To refine students' knowledge and understanding of key scientific concepts, scientific enquiry skills and pedagogy associated with teaching the subject across the primary age range.

To develop skills of critical analysis of pedagogical issues relating to primary science.

Learning Outcomes

After completing the module the student should be able to:

- 1 Evaluate the professional knowledge and understanding, pedagogy and subject content, required for effective science teaching across the primary age and ability range.
- 2 Critically analyse the role of education outside the classroom in teaching and learning primary science across the primary age and ability range.

Learning Outcomes of Assessments

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

Essay	1	2
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Outline Syllabus

Scientific enquiry - embedding in practice

Topics from the National Curriculum

Planning progressive units of work

Meeting children's needs in science

Formative and summative assessment in science

Identifying opportunities for learning in out-of-school contexts

Maintaining subject integrity in cross-curricular learning

Learning Activities

The module will be taught through lectures, seminars, workshops, practicals and tutorials.

Notes

This module extends students' subject knowledge and pedagogical repertoire for the teaching of science across the primary age phases and ability range.