

2005/06 Taught Postgraduate Module Catalogue

BIOL5202M

Bioscience Core Skills 2 (Scientific)

10 credits

Module manager Dr. John Colyer

Email: j.colyer@leeds.ac.uk

Taught Semester 1 [View Timetable](#)

Year running 2005/06

Pre-requisite qualifications

B.Sc. or equivalent

This module is not approved as an Elective

Objectives

On completion of this module, students should be able to:

Understand and apply the principles of experimental planning;

Retrieve, manage, interrogate and display scientific data (references, gene sequences, protein structures);

Apply (commonly used) statistical tests in the critical evaluation of data.

Syllabus

This module aims to equip life scientists with essential skills for the collection of, management of and interpretation of scientific information. The course will combine principles and practice in the areas of information retrieval & management; scientific philosophy & experimental design; data handling, presentation and interpretation; and bioinformatic interrogation of sequence and structure.

Teaching methods

Lectures: 9 hours;

Practical classes: 15 hours.

Private study

Follow up to contact time: 33 hours;

Assessed coursework: 43 hours.

Progress monitoring

Participation in workshops and practical sessions.

Methods of assessment

Grant Proposal (2500 word) and presentation (20%).

Reading list

The [reading list](#) is available from the Library website