

BS356-24 Laboratories and Assessments for Biochemists

20/21

Department

Life Sciences

Level

Undergraduate Level 3

Module leader

Keith Leppard

Credit value

24

Module duration

20 weeks

Assessment

100% coursework

Study location

University of Warwick main campus, Coventry

Description

Introductory description

BS356-24 Laboratories and Assessments for Biochemists

Module aims

To complete the development of students' research and transferrable skills through a program of laboratory and tutorial activities (continuation of programs in Years 1 and 2).

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

Students will complete the third year of a laboratory and tutorial-based skills program. The key aims of the year 3 program are to embed final year level literature and practical research skills and communication skills. This will be achieved through a combination of tutorial set tasks, some of which are formative and some summatively assessed, and laboratory classes.

Learning outcomes

By the end of the module, students should be able to:

- Students should be able to critically analyse data produced in the laboratory or in work sheet format
- Students should be able to deliver a concise and informative oral presentation on a science topic.
- Students should be able to produce a concise summary of research literature
- Students should be able to analyse critically the primary research literature

Subject specific skills

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Transferable skills

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Study

Study time

Type	Required
Seminars	4 sessions of 1 hour (2%)
Tutorials	8 sessions of 1 hour (3%)
Supervised practical classes	10 sessions of 5 hours (21%)
Private study	178 hours (74%)
Total	240 hours

Private study description

178 hrs self-study and preparation of assessments

Costs

No further costs have been identified for this module.

Assessment

You do not need to pass all assessment components to pass the module.

Students can register for this module without taking any assessment.

Assessment group A4

	Weighting	Study time	Eligible for self-certification
Assessment component			
Laboratory Work	50%		Yes (extension)
Reassessment component is the same			
Assessment component			
Experimental Design	8%		Yes (extension)
Reassessment component is the same			
Assessment component			
Tutor's Choice	8%		Yes (extension)
Reassessment component is the same			
Assessment component			
Research Seminar	25%		No
Reassessment component is the same			
Assessment component			
Scientific Paper (Ethical Approval)	9%		Yes (extension)
Reassessment component is the same			

Feedback on assessment

Regular small group meetings with tutor; digital written feedback on on-line assessments; oral feedback on seminar presentations.

Availability

Courses

This module is Core for:

- Year 3 of UBSA-C700 Undergraduate Biochemistry
- ULFA-C1A2 Undergraduate Biochemistry (MBio)
 - Year 3 of C1A2 Biochemistry
 - Year 3 of C700 Biochemistry
- Year 3 of ULFA-C1A6 Undergraduate Biochemistry with Industrial Placement (MBio)