

Programme Specification: Undergraduate

For students starting in Academic Year 2022/2023

1. Course Summary

Name of programme & award title with UCAS code	Biochemistry [C70F]
Awarding Institution	Aberystwyth University
Final Award	Bachelor of Science
Date of Publication	September 2023
QAA Subject Benchmark	

How this information might change: Please read the important information at <https://www.aber.ac.uk/en/study-with-us/ug-studies/terms-conditions/>. This explains how and why we may need to make changes to the information provided in this document and to help you understand how we will communicate with you if this happens.

2: Duration

Programme	Years
Biochemistry [C70F]	4

3: Educational aims of the programme

4: Intended learning outcomes

5: Knowledge and understanding

6: Skills and other attributes

7: Transferable/Key skills

8: Work-based learning (where appropriate)

9: What is the structure of the programme?

Year 2 Core modules

Core (90 Credits)

Name	Module Code	Credits	Semester
Metabolism	BR12010	10	Semester 2
Molecular Laboratory Skills	BR12210	10	Semester 2
Molecular Biochemistry	BR13700	0	Semester 1
Molecular Biochemistry	BR13720	20	Semester 2
Comparative Animal Physiology	BR14110	10	Semester 2
Evolution and the Diversity of Life	BR14310	10	Semester 1
Exploring Genetics	BR14410	10	Semester 1
Biochemistry and the Cellular Basis of Life	BR15320	20	Semester 1

Core (30 Credits)

Name	Module Code	Credits	Semester
Microbial Diversity	BR12110	10	Semester 2
Study and Communication Skills	BR12410	10	Semester 1
The Green Planet	BR13610	10	Semester 2

Year 3 Core modules

Core (80 Credits)

Name	Module Code	Credits	Semester
Applied Molecular Biology and Bioinformatics	BR20620	20	Semester 1
Practical Skills for Biochemists	BR22920	20	Semester 2
Cell and Cancer Biology	BR25920	20	Semester 2
Proteins and Enzymes	BR26620	20	Semester 1

Core (20 Credits)

Name	Module Code	Credits	Semester
Research Methods	BR27500	0	Semester 1
Research Methods	BR27520	20	Semester 2

Year 3

Options Choose 20 credits

Name	Module Code	Credits	Semester
Sgiliau Ymarferol a Proffesiynol ym Microbioleg	BG24720	20	Semester 2
Evolution and Molecular Systematics	BR21720	20	Semester 1
Chromosome Dynamics	BR21820	20	Semester 2
Immunology	BR22220	20	Semester 2
Practical and Professional Skills in Microbiology	BR24720	20	Semester 2
One Health Microbiology	BR26520	20	Semester 1

Final Year Core modules

Core (40 Credits)

Name	Module Code	Credits	Semester
Research Project	BR36400	0	Semester 1
Research Project	BR36440	40	Semester 2

Core (20 Credits)

Name	Module Code	Credits	Semester
Biotechnology	BR35520	20	Semester 2

Core (40 Credits)

Name	Module Code	Credits	Semester
Molecular Pharmacology	BR36120	20	Semester 1
Bioinformatics and Functional Genomics	BR37120	20	Semester 1

Final Year

Options Choose ONE of the following

Name	Module Code	Credits	Semester
Microbial Pathogenesis	BR33720	20	Semester 2
Molecular Biology of Development	BR36020	20	Semester 2

10: University Regulations

Details of University Regulations can be found at <https://www.aber.ac.uk/en/academic-registry/handbook/regulations/>

11: Support for students and their learning

12: Entry Requirements

Details of entry requirements for the scheme can be found at <https://courses.aber.ac.uk/>

13: Methods for evaluating and improving the quality and standards of teaching and learning

14: Regulation of Assessment

Academic Regulations are published as Appendix 2 of the Academic Quality Handbook:
<https://www.aber.ac.uk/en/aqro/handbook/app-2/>

15: External Examiners

External Examiners fulfill an essential part of the University's Quality Assurance. Annual reports by External Examiners are considered by Faculties and Academic Board at university level.

16: Indicators of quality and standards

The Department Quality Audit questionnaire serves as a checklist about the current requirements of the University's Academic Quality Handbook. The periodic Department Reviews provide an opportunity to evaluate the effectiveness of quality assurance processes and for the University to assure itself that management of quality and standards which are the responsibility of the University as a whole are being delivered successfully.