

**School of Biosciences**

**Guide to Module Choices for Incoming Undergraduate Exchange Students**

**2024-25**

**Introduction**

This booklet sets out the modules offered to exchange students visiting the School of Biosciences in University of Birmingham in 2024-25. We make a wide range of modules available to incoming exchange students.

**Credits**

If you are here for one semester, you should take 60 credits.[[1]](#footnote-1) If you are here for a full year, you should take 120 credits. If you are here for both semester 1 and 2 you should take 60 credits in each semester.[[2]](#footnote-2)

**Selecting Appropriate Modules**

Exchange students come to Birmingham from a wide variety of countries, and they will be at different stages of their degrees. As an incoming students you can take modules that are aimed at first year, second year or third year UoB students. If you wish to choose modules from across different years should be mindful of the content level and when this is delivered. Taking higher-level modules before the lower-level module may result in some content being repeated or you studying information at a higher level before the lower level has been completed.

Please note: *Year 1 = Level C Year 2 = Level I Year 3 = Level H*

**You must check that your sending university is happy with your module selections. The responsibility is with you.**

All modules are worth 20 credits, except for the below which are worth 10 credits.

03 28777 - LC Introduction to Microbiology

03 28776 - LC Cell Biology & Physiology

03 28778 - LC Metabolism

03 19822 - LI Molecular Biology and its Applications (Please note that this module must be taken alongside 35415 LI Communication and Skills in Biosciences as knowledge of R Coding is required to complete assessments in this module)

***Please note if you choose to take a 10-credit module these are recommended to be taken in year one and are usually taken alongside another 10 credit module from outside of Biosciences.***

You are encouraged to pick modules from within one year group to help minimise the chances of a clash within your timetable. **If you wish to study modules from across different years, please contact your administrator to arrange a meeting and discuss this.**

**Non-Biosciences Modules**

You may take ONE module from another school per semester if your home university permits this and if it is compatible with the timetable for the Bioscience modules. However, it is **your responsibility** to check whether the different modules timetables are compatible, and to get in touch with different tutors in each school to make such arrangements possible. The staff in the School of Biosciences will only deal with Biosciences modules.

**PLEASE NOTE:**

Students only in attendance for Semester 1 may be asked to sit an alternative assessment in place of an exam.

**Module Availability 2024-25**

There may be timetabling constraints with some module combinations if you select modules from different years (levels) within the same semester. If this is the case you will be asked to choose alternative module(s) following the publication of the timetables. We cannot guarantee that you will be able to take module combinations from across **different** years (levels) in the **same** semester.

**Year 1 (Level C)**

| **Banner** | **Module** | **Semester** | **Credits** |
| --- | --- | --- | --- |
| 22924 | [Introduction to Evolution & Animal Biology](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=22924&searchTerm=002024https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=22924&searchTerm=002023) | 1 | 20 |
| 28776 | [Fundamentals of Biochemistry](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=28776&searchTerm=002024) | 1 | 10 |
| 23318 | [Cell Biology & Physiology](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=23318&searchTerm=002024) | 1 | 20 |
| 23320 | [Genetics I](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=23320&searchTerm=002024) | 2 | 20 |
| 27806 | [Ecological Concepts and Plant Sciences](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=27806&searchTerm=002024) | 2 | 20 |
| 28777 | [Introduction to Microbiology](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=28777&searchTerm=002024) | 2 | 10 |
| 22652 | [Physical Biochemistry](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=22652&searchTerm=002024) | 2 | 20 |
| 28778 | [Metabolism](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=28778&searchTerm=002024) | 2 | 10 |

**Year 2 (Level I)**

| **Banner** | **Module** | **Semester** | **Credits** |
| --- | --- | --- | --- |
| 18540 | [Topics in Medical Biosciences](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=18540&searchTerm=002024) | 1 | 20 |
| 19822 | [Molecular Biology and its Applications](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=19822&searchTerm=002024)\*  Knowledge of R Coding is required to complete assessments in this module | 1 | 10 |
| 35415 | [Communication and Skills in Biosciences\*](https://canvas.bham.ac.uk/courses/69846) | 1 | 10 |
| 13282 | [Plant Sciences: from cells to the environment](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=13282&searchTerm=002024) | 1 | 20 |
| 37115 | [Microbiology: Medicine, Environment & Industry](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=37115&searchTerm=002024) | 1 | 20 |
| 23328 | [Membranes, Energy and Metabolism](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=23328&searchTerm=002024) | 1 | 20 |
| 28780 | [Evolution of Humans and Other Animals](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=28780&searchTerm=002024) | 1 | 20 |
| 23326 | [Proteins and Enzymes](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=23326&searchTerm=002024)  Knowledge of R Coding required to study this module | 2 | 20 |
| 13160 | [Genetics II](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=13160&searchTerm=002024) | 2 | 20 |
| 24985 | [Cell and Developmental Biology](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=24985&searchTerm=002024) | 2 | 20 |
| 24986 | [Field Course: Adaptations to Aquatic Environments](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=24986&searchTerm=002024)\*\* | 2 | 20 |
| 26999 | [Human Structure and Function](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=26999&searchTerm=002024) | 2 | 20 |
| 28822 | [Animal Biology: Principles & Mechanisms](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=28822&searchTerm=002024) | 2 | 20 |
| 30145 | [Critical Issues for 21st Century Ecosystems](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=30145&searchTerm=002024) | 2 | 20 |

19822 and 35415 must be taken together\*

24986 field course – Capped at 25 students and is picked at random\*\*

**Year 3 (Level H)**

| **Banner** | **Module** | **Semester** | **Credits** |
| --- | --- | --- | --- |
| 36076 | [Animal Behaviour: From Theory to Application](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=36076&searchTerm=002024) | 1 | 20 |
| 11221 | [Eukaryotic Gene Expression](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=11221&searchTerm=002024) | 1 | 20 |
| 14675 | [Cellular Neurobiology](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=14675&searchTerm=002024) | 1 | 20 |
| 21893 | [Cancer Biology](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=21893&searchTerm=002024) | 1 | 20 |
| 21894 | [Molecular & Cellular Immunology](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=21894&searchTerm=002024) | 2 | 20 |
| 30948 | [Omics for Biomedical Research](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=30948&searchTerm=002024) | 2 | 20 |
| 38878 | [Microbial Pathogenicity and Disease](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=38878&searchTerm=002024) | 2 | 20 |
| 36118 | [Responses to Global Environmental Change](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=36118&searchTerm=002024) | 2 | 20 |
| 30790 | [Current Developments & Advances in Eukaryotic Genetics](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=30790&searchTerm=002024) | 2 | 20 |
| 25343 | [Bacterial Gene Regulation](https://program-and-modules-handbook.bham.ac.uk/webhandbooks/WebHandbooks-control-servlet?Action=getModuleDetailsList&pgSubj=03&pgCrse=25343&searchTerm=002024) | 2 | 20 |

If you have any further queries regarding your module choices, please contact the Affiliate administrator at; [Bio-affiliates-admin@contacts.bham.ac.uk](mailto:Bio-affiliates-admin@contacts.bham.ac.uk)

1. Exceptions to this need to be agreed with the student’s Home University. [↑](#footnote-ref-1)
2. 20 Birmingham Credits = 10 ECTS Credits [↑](#footnote-ref-2)