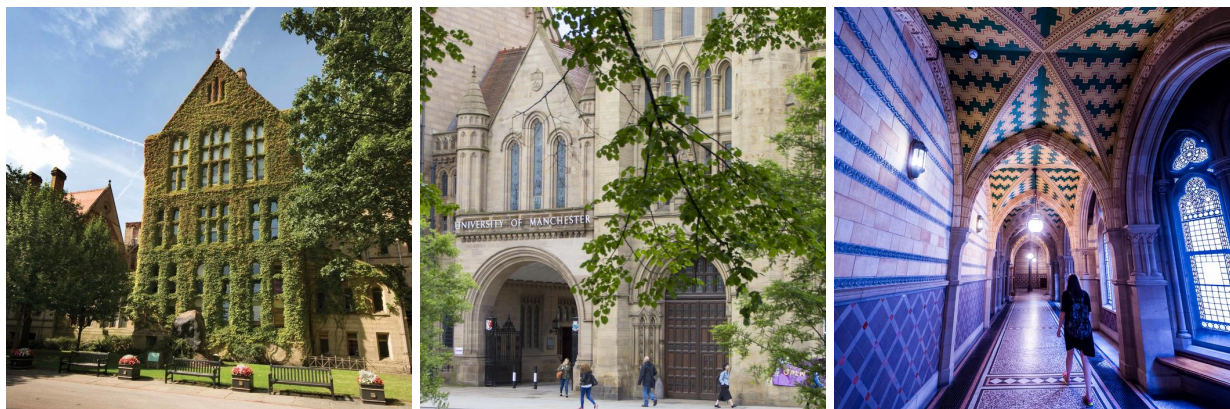


## University of Manchester, England

### Academic Plan for Biology Majors



The University of Manchester is the UK's largest single-site university and hosts the country's biggest student community, with around 38,000 students. In the 2024 Academic Ranking of World Universities, it ranks 52nd globally and 6th in the UK. It was also named the UK's most sustainable university in 2024 and ranks among the top three worldwide for sustainability.

Renowned for its excellence in biological sciences, the university has a legacy of groundbreaking research, such as splitting the atom and isolating graphene, and has produced 25 Nobel Prize winners. In the 2024 SJTU rankings, its Biotechnology program ranks 36th globally.

The academic year at University of Manchester is divided into two semesters. Semester 1 typically runs from late September to late January with a Christmas break and exams in January, while Semester 2 spans late January to early June, including an Easter break and exams in May.

Listed below are the MCDB/EEMB equivalents offered at the University of Manchester and the major area requirements they fulfill for each of our 11 majors, as well as the semester they are typically offered. Please consult with your undergraduate advisor to determine if University of Manchester is a good fit for you, and if so, when the best time would be to attend.

It is important to note the University of Manchester does not offer the equivalent of MCDB 4-unit upper-division laboratories (i.e. MCDB 112L and MCDB 133L). Plan to complete the laboratory component(s) upon your return to UCSB if required by your major.

| Manchester Course                                                              | UCSB Course Equivalent | Units Toward Major Requirement | MCDB Majors & Emphases                                                   | Biological Sciences                      | EEMB Majors                                                  | Notes                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------|------------------------|--------------------------------|--------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Semester 1 (~3rd week September - end of January/beginning of February)</b> |                        |                                |                                                                          |                                          |                                                              |                                                                                                                                                                                                                   |
| The Dynamic Cell (BIOL21121)                                                   | MCDB 103               | 4 units                        | Area I.D. (for all)                                                      | BS: Area B-2<br>BA: Area C               | AQBIO: Area E<br>ECOEV: N/A<br>PHYSY: Area E<br>ZOOL: Area E | Students cannot receive credit for this course <u>and</u> MCDB 103.                                                                                                                                               |
| Introduction to Virology (BIOL21381)                                           | MCDB 134               | 4 units                        | MCB: III<br>BMB: III<br>CDBIO: III<br>MICRO: II.2<br>PHARM: III          | BS: Area B-3<br>BA: Area C               | AQBIO: Area E<br>ECOEV: N/A<br>PHYSY: Area E<br>ZOOL: Area E | Students cannot receive credit for this course <u>and</u> MCDB 134.                                                                                                                                               |
| <b>Semester 2 (end of January/beginning of February - ~2nd week June)</b>      |                        |                                |                                                                          |                                          |                                                              |                                                                                                                                                                                                                   |
| Fundamentals of Evolutionary Biology (BIOL21232)                               | EEMB 131               | 4 units                        | MCB: III<br>BMB: N/A<br>CDBIO: III<br>MICRO: N/A<br>PHARM: N/A           | BS: Area B-5<br>BA: Area D               | Area A-2 (for all)                                           | Students cannot receive credit for this course <u>and</u> EEMB 131.                                                                                                                                               |
| Principles of Developmental Biology (BIOL21172)                                | MCDB 112               | 4 units                        | MCB: II*<br>BMB: II.2B*<br>CDBIO: II.1<br>MICRO: N/A<br>PHARM: III       | BS: Area B-2<br>BA: Area C               | AQBIO: Area E<br>ECOEV: N/A<br>PHYSY: Area E<br>ZOOL: Area E | Students cannot receive credit for this course <u>and</u> MCDB 112.<br><br><i>*satisfies MCDB 112-112L requirement only if MCDB 112L is taken at UCSB upon return, otherwise defaults to elective (Area III)</i>  |
| Immunology (BIOL21242)                                                         | MCDB 133               | 4 units                        | MCB: II**<br>BMB: II.2B**<br>CDBIO: II.2B**<br>MICRO: II.2<br>PHARM: III | BS: Area B-2 <i>or</i> B-3<br>BA: Area C | AQBIO: Area E<br>ECOEV: N/A<br>PHYSY: Area E<br>ZOOL: Area E | Students cannot receive credit for this course <u>and</u> MCDB 133.<br><br><i>**satisfies MCDB 133-133L requirement only if MCDB 133L is taken at UCSB upon return, otherwise defaults to elective (Area III)</i> |