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# Microbiology - BIO00010C

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- **Department:** Biology
- **Module co-ordinator:** Dr. Adrian Harrison
- **Credit value:** 10 credits
- **Credit level:** C
- **Academic year of delivery:** 2020-21
  - See module specification for other years: [2018-19](#) [2019-20](#)

## Module will run

**Occurrence**

A

**Teaching cycle**

Autumn Term 2020-21

## Module aims

This module examines the cell biology of microorganisms. The student is introduced to the diverse world of microorganisms, including bacteria, viruses, algae, fungi and protozoa, with particular reference to the relationships between structure and functions.

## Module learning outcomes

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

- Describe the specialised molecular structures found in different microorganisms including prokaryotes (bacteria and archaea), viruses and single cell eukaryotes (algae, fungi and protozoa) and correlate the structures to their function
- Describe microorganisms as agents of disease and the molecular mechanisms responsible for different pathologies
- Recall the practical applications of microorganisms in the production of chemicals such as antibiotics and high value metabolites
- Use aseptic techniques and perform a number of assays aimed at identifying different bacterial species

## Assessment

Task	Length	% of module mark
<b>24 hour open exam</b> Microbiology	N/A	100

## Special assessment rules

None

## Reassessment

Task	Length	% of module mark
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**24 hour open exam**

N/A

100

Microbiology

## Module feedback

Cohort-level feedback will be provided on performance in closed exams and made available via the VLE. Histograms of module marks will be posted on the notice boards outside the Biology Student Services office. Individual marks will be made available to you and your supervisor via e:vision. Exam scripts will be made available at the end of either the Spring or Summer terms. You should take the opportunity to discuss your marks and feedback with your supervisor.

During the teaching of the module you will receive feedback that may be at a whole class or individual level. Forms of feedback may include: model answers and discussion of workshop questions, summaries of performance in practicals, VLE-based quizzes, individual spoken comments during workshops, individual written comments on formative work.

## Indicative reading

These are available through the VLE module site.

The information on this page is indicative of the module that is currently on offer. The University is constantly exploring ways to enhance and improve its degree programmes and therefore reserves the right to make variations to the content and method of delivery of modules, and to discontinue modules, if such action is reasonably considered to be necessary by the University. Where appropriate, the University will notify and consult with affected students in advance about any changes that are required in line with the University's policy on the [Approval of Modifications to Existing Taught Programmes of Study](#).

### Coronavirus (COVID-19): changes to courses

The 2020/21 academic year will start in September. We aim to deliver as much face-to-face teaching as we can, supported by high quality online alternatives where we must.

Find details of the measures we're planning to protect our community.

[Course changes for new students](#)