

BSc (Hons) Bioscience

Start year: September 2022

Course length:
3 years full-time / 6 years part-time

Campus: King's Lynn

Accredited by:
Anglia Ruskin University



University Centre
West Anglia



COURSE DESCRIPTION

This degree course is for people looking to work in the science industry or wanting to pursue a career in teaching or lecturing. Similar to all higher level courses at UcWA, the degree is module based.

It aims to support students to acquire and demonstrate core knowledge and understanding of the scientific disciplines of bioscience and to acquire and apply skills such as analysis, synthesis, evaluation and application in the context of bioscience.

You will learn through practical examples, demonstrations and active practice in workshop situations, classes, laboratory experimentation, work placements and fieldwork.

Work placement experiences can either be with a student's existing employer or with an organisation participating in the programme. Other skills such as English, maths and IT are developed throughout the course, for example the Maths for Sciences module develops maths and IT skills.





COURSE AIMS

- To acquire and demonstrate core knowledge and understanding of the scientific disciplines of bioscience and sufficient knowledge in related fields, as appropriate.
- To acquire and apply skills of analysis, synthesis, evaluation and application in the context of bioscience.
- To appreciate the interdisciplinary and multidisciplinary nature of bioscience.
- To develop a range of transferable skills (oral communication, writing, numerical and computational) relevant to a wider range of graduate employment opportunities
- To provide a knowledge and skills base to develop a career in bioscience
- To develop the student as an independent learner and reflexive practitioner
- To acquire an awareness of the wider social, economic and ethical aspects of science
- To meet local and national needs of employers by providing graduates for employment and by providing professional development opportunities for employees through part-time study
- To improve the employability of graduates through work placement experiences in institutions such as the pharmaceutical industry, scientific suppliers and selected roles in hospitals.

ASSESSMENT DETAILS

Students are introduced to a range of different forms of assessment and will be in accordance with the learning outcomes and will be both formative (e.g. computer based exercises, non-assessed presentations, class exercises etc) and summative (e.g. unseen and seen examinations, computer-based assessments, essays, practical/field reports, assessed seminar presentations, review and assessment of scientific papers, laboratory skills, project report, work placement report etc). Although employer input is crucial to the success of work-based learning they are not involved directly in the assessment process.



ENTRY REQUIREMENTS

- 88 UCAS tariff points from a minimum of 2 A-levels, successful completion of a relevant FdSc course or equivalent level 3 qualification, e.g. Extended Diploma (MMP) or Access to Science and Nursing course (30 level 3 credits at merit grade are required for Access progression).
- GCSE English, Maths and Science at grade 4 (C) or above
- Mature students without the above are considered depending on relevant experience and aptitude.

COURSE COMPOSITION

How many days per week:

3 days per week full-time / 1 day per week part-time

What days:

Monday, Tuesday & Wednesday in the first year.

Expected contact hours (per week):

Modular programme with modules being 15 or 30 credits. Each module has 3 hours contact with the lecturer. Each trimester has 4 taught modules, thus for each trimester there is a total of 12 hours contact time per week. In the first year there is an additional one hour tutorial.

Made up of approximately:

20% seminars, 50 % practicals; 10% lectures, 20% work placement

Expected self-study hours (per week):

An expectation of 9 hours of self -study per module per week

Work Placement:

In the second trimester of year 2 there is a Work Based Learning module.

This will be in a suitable science environment e.g. research laboratory; university laboratory etc.

Experience of course team:

The course team includes a mixture of specialist scientists who have experience in the subjects they are delivering as well as suitable industrial and research experience.



MODULES

All the following modules are compulsory to achieve the qualification.

Year 1

Module name	Credits
Core Biology 1	15
Core Biology 2	15
Foundation of Cell Biology	15
Human Anatomy and Physiology 1	15
Human Anatomy and Physiology 2	15
Maths for Sciences	15
General Microbiology	15
Introduction to Biochemistry and Molecular Biology	15

Year 2

Module name	Credits
Diagnostic Techniques in Pathology	15
Principles of Genetics	15
Laboratory Techniques for Biomedical Science	30
Research Skills	15
Principles of Pathology	15
Understanding the Work Sector	15
Work-based Learning	15

Year 3

Module name	Credits
DNA & Gene Manipulation	15
Special Topics in Bioscience	15
Special Topics in Cell & Molecular Biology	15
Medical Genetics	15
Current Advances in Biomedical Science	15
Molecular Cell Biology	15
Undergraduate Project	15



COURSE FEES

Tuition fees:

Full-time: £9,000 (2022-2023)

Part-time: £4,500 (2022-2023)

We set our course fees annually. As students pay a fee for each year of their course, the fees set for future academic years may be higher than those set in the 2022/2023 academic year.

For each future academic year of your course of study, your fees may be subject to review and increase on a basis in line with the Retail Prices Index (RPI) plus 3%. RPI is a measure of inflation published monthly by the Office for National Statistics which measures the changes from month to month in the cost of a representative sample of retail goods and services bought by consumers within the UK. This means that your course fees will not be increased each year by more than RPI + 3% from the previous year's fees and will not ever exceed the maximum amount that the government allows higher education institutions to charge students in the related academic year.

ADDITIONAL COSTS

Whilst there are no additional costs, there is an optional trip to Botanic Gardens in Cambridge. The cost will be confirmed closer to the time.

FURTHER STUDY AND PROGRESSION

- Science teaching (with appropriate teaching qualification)
- Laboratory work – research and educational