**Course Title** | BSc (Hons) Bioscience  
---|---  
**Awarding Body** | University of Suffolk  
**Level of Award** | FHEQ Level 6  
**Professional, Statutory and Regulatory Bodies Recognition** | Royal Society of Biology (RSB)  
**Credit Structure** |  
| 360 Credits  
| Level 4: 120 Credits  
| Level 5: 120 Credits  
| Level 6: 120 Credits  
**Mode of Attendance** | Full-time and part-time  
**Standard Length of Course** | 3 years full-time  
**Intended Award** | BSc (Hons) Bioscience  
**Named Exit Awards** | DipHE Bioscience  
| CertHE Bioscience  
**Entry Requirements** | Typical Offer:  
| 112 UCAS tariff points (or equivalent)  
| A levels - A science related subject is preferred at grade C or above (or equivalent). Must include Biology or a related subject  
| Five GCSEs at grade C or above (or equivalent) including English, Mathematics and Science  
**Delivering Institution(s)** | University of Suffolk  
**UCAS Code** | C760

This definitive record sets out the essential features and characteristics of the BSc (Hons) Bioscience course. The information provided is accurate for students entering level 4 in the 2020-21 academic year.

**Course Summary**

The BSc (Hons) Bioscience degree course aims for students to develop an understanding of the complexity and diversity of life processes through the study of a range of modules including Molecular Biotechnology, Immunology, Cell Biology and Introduction to the Genome. It explores cutting edge developments including stem cell research, regenerative medicine and cell based therapeutics. Modules, such as Research Methods and Scientific Communication, emphasises the need for graduates to be able to communicate science to the wider community and along with Professional Development for Life Sciences module, we are promoting

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1. For an explanation of the levels of higher education study, see the [QAA Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2014)](http://www.qaa.ac.uk/standards-and-frameworks/frameworks/).  
2. All academic credit awarded as a result of study at the University adheres to the [Higher education credit framework for England](http://www.hefce.ac.uk/Pages/default.aspx).  
3. Where the course is delivered both full-time and part-time, the standard length of course is provided for the full-time mode of attendance only. The length of the part-time course is variable and dependent upon the intensity of study. Further information about mode of study and maximum registration periods can be found in the [Framework and Regulations for Undergraduate Awards](http://www.usa.ac.uk/Pages/default.aspx).  
4. Details of standard entry requirements can be found in the [Admissions Policy](http://www.usa.ac.uk/Pages/default.aspx) and further details about Disclosure and Barring Checks (DBS) can be found on the University’s DBS webpage.  
5. The University reserves the right to make changes to course content, structure, teaching and assessment as outlined in the [Admissions Policy](http://www.usa.ac.uk/Pages/default.aspx).
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graduates with key employability skills required for rapidly changing biotechnology industry. The course also provides an excellent background for further study, and will be particularly suited to those who are interested in an interdisciplinary approach to bioscience.

Finally, the philosophy of the programmes enables a developmental approach to study so that as students progress through levels four to six, they are further challenged to develop higher level subject knowledge, cognitive skills and practical skills. The course philosophy thus firmly underpins the aims and learning outcomes of the programme.

Course Aims

- Enable students to develop a detailed knowledge of the complexity and diversity of the processes of life
- Enable students to relate their knowledge to applied bioscience
- Provide students with the knowledge and skills required for employment, specifically within Biosciences, and more generally, graduate level employment
- Develop the skills necessary for the coherent communication of scientific data and information
- Develop students’ ability to undertake, and critically evaluate the validity and reliability of a range of methodologies
- Provide students with the skills required to critically evaluate current scientific research literature
- Engage students with contemporary developments and research activity in bioscience
- Make a contribution to widening participation in science higher education in the region and raise the local and regional expertise in graduates within bioscience discipline
- Enable students to become independent learners

Course Learning Outcomes

The following statements define what students graduating from the BSc (Hons) Bioscience course will have been judged to have demonstrated in order to achieve the award. These statements, known as learning outcomes, have been formally approved as aligned with the generic qualification descriptor for level 6 awards as set out by the UK Quality Assurance Agency (QAA).6

1. Demonstrate critical knowledge of contemporary research advances in bioscience
2. Use an interdisciplinary approach to apply the underlying principles of the biosciences
3. Critically analyse the validity and reliability of a range of scientific techniques
4. Evaluate the significance of testing results with respect to scientific normative data

6 As set out in the QAA Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2014)
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5. Obtain and integrate science based evidence to formulate and test current hypotheses relevant to bioscience

6. Design, plan, and conduct a research dissertation and critically evaluate the significance of the outcomes

7. Demonstrate the acquisition of problem solving techniques including the ability to critically collate and analyse original research data and draw conclusions

8. Demonstrate the acquisition of a range of basic and specialist practical skills relevant to the biosciences

9. Demonstrate Graduate Key Skills in the skill areas of Improving Own Learning, Communication, IT, Problem Solving, Numeracy, Working with Others

10. Exercise initiative and personal responsibility in undertaking a task e.g. dissertation, project

Course Design
The design of this course has been guided by the following QAA Benchmark:

- Bioscience (2019)

Course Structure
The BSc (Hons) Bioscience comprises modules at levels 4, 5 and 6.

Module Specifications for each of these modules are included within the course handbook, available to students on-line at the beginning of each academic year.

<table>
<thead>
<tr>
<th>Module</th>
<th>Credits</th>
<th>Module Type</th>
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<tbody>
<tr>
<td>Cell Biology</td>
<td>20</td>
<td>M</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>20</td>
<td>M</td>
</tr>
<tr>
<td>Introduction to the Genome</td>
<td>20</td>
<td>M</td>
</tr>
<tr>
<td>Human Physiology I</td>
<td>20</td>
<td>M</td>
</tr>
<tr>
<td>Scientific Skills</td>
<td>20</td>
<td>M</td>
</tr>
<tr>
<td>Diversity of Life</td>
<td>20</td>
<td>R</td>
</tr>
<tr>
<td>Human Physiological Measurements *</td>
<td>20</td>
<td>O</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module</th>
<th>Credits</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Data Analysis and Statistics</td>
<td>20</td>
<td>M</td>
</tr>
<tr>
<td>Research Methods and Scientific Communication</td>
<td>20</td>
<td>M</td>
</tr>
<tr>
<td>Molecular Biotechnology</td>
<td>20</td>
<td>M</td>
</tr>
<tr>
<td>Microbial Organisms</td>
<td>20</td>
<td>M</td>
</tr>
<tr>
<td>Immunology</td>
<td>20</td>
<td>M</td>
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</tbody>
</table>

7 Modules are designated as either mandatory (M), requisite (R) or optional (O). For definitions, see the Framework and Regulations for Undergraduate Awards.
Biology of Disease 20 O
Work-based Experience* 20 O
Environmental Science** 20 O

Level 6
Dissertation 40 M
Developmental Biology 20 M
Professional Development for the Life Sciences 20 M
Regenerative Medicine 20 M
Pharmacology and Toxicology 20 O
Clinical Nutrition 20 O

*Modules Human Physiological Measurements and Work-based Experience are only available as alternatives in case of failing the Diversity of Life module.

**While the provision of the Environmental Science module is planned, at this stage we cannot guarantee this.

Awards
On successful completion of the course, students will be awarded a BSc (Hons) Bioscience. Students who leave the course early may be eligible for a DipHE Bioscience on successful completion of 240 credits including all mandatory modules at levels 4 and 5, or a CertHE Bioscience on successful completion of all modules at level 4.

Course Delivery, Assessment and COVID-19
Our guiding principles for delivery during the 2020-21 academic year will be based around a rich blended learning environment, which will include some online delivery of lectures as well as face to face delivery of seminars, lab work and tutorials as applicable. Where possible assessment will be undertaken as planned and where this is not possible, e.g. on-site examinations, an equivalent assessment will be made available to students. We do not intend to have a fully online academic year for any of our students.

Our campus will be safe and welcoming for new and returning students, but we will observe – as all universities must – the government guidance in place at the time and so the delivery and assessment statements below are under continuous review as circumstances change.

Course Delivery
The course is delivered at Ipswich. Students studying full-time on the BSc (Hons) Bioscience course are likely to have approximately 288 contact hours per year. The contact hours will be a mix of lectures, seminars, practical activities, revision quizzes, tutorials, guided VLE and Reading Week activities. Students will normally be expected to undertake 36 hours of independent study in an average week, but should be prepared for this to vary based on assignment deadlines and class exercises.

Course Assessment
A variety of assessments will be used on the course to enable students to experience and adapt to different assessment styles. The assessment methods used will be appropriate to assess each module’s intended learning outcomes. Assessment on the course overall will be approximately 50% coursework (including essays, reports, presentations, group work, reflective learning journals and research projects) and 50% written and practical examinations.
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Special Features
This programme is accredited by the Royal Society of Biology. On completion of the course, graduates are entitled to one year of membership as an Associate Member of the Royal Society of Biology (AMRSB).

Course Team
The academic staff delivering this course are drawn from a team that includes teaching specialists and current practitioners. All staff are qualified in their subjects with their own specialist knowledge to contribute.

Course Costs
Students undertaking BSc (Hons) Bioscience will be charged tuition fees as detailed below.

<table>
<thead>
<tr>
<th>Student Group</th>
<th>Tuition Fees</th>
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</thead>
<tbody>
<tr>
<td>Full-time UK/EU</td>
<td>£9,250 per year</td>
</tr>
<tr>
<td>Part-time UK/EU</td>
<td>£1,454 per 20 credit module</td>
</tr>
<tr>
<td>Full-time International</td>
<td>£13,330 per year</td>
</tr>
<tr>
<td>Part-time International</td>
<td>£2,220 per 20 credit module</td>
</tr>
</tbody>
</table>

Payment of tuition fees is due at the time of enrolment and is managed in accordance with the University Tuition Fee Policy.

Students will be required to pay additional costs for course material printing, such as: lecture notes, assessed posters, recommended readings, amounting to a maximum of £150 per year payable as required.

Students are likely to incur other costs for optional field trips amounting to approximately maximum £700 per duration of study programme.

Academic Framework and Regulations
This course is delivered according to the Framework and Regulations for Undergraduate Awards and other academic policies and procedures of the University and published on the website.