Biochemistry at Bristol
2016 entry
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Note: We make every effort to ensure the accuracy of the information contained within this booklet. However, the School of Biochemistry cannot be held responsible for any inaccuracies which it may contain, or which arise due to changes subsequent to publication.
Information on Admission

For information on admission to the undergraduate Biochemistry programmes contact our Admissions Office:

**Undergraduate Admissions Office**
Senate House
Tyndall Avenue
Bristol, BS8 1TH
UK
Tel: +44 (0)117 928 8153
Fax: +44 (0)117 925 1424
E-mail: medsciences-ug-admissions@bristol.ac.uk

Biochemistry UCAS Codes:
- C700    Biochemistry
- C790    Biochemistry with Molecular Biology and Biotechnology
- C720    Biochemistry with Medical Biochemistry

Biochemistry Programme Entry Requirements

Applicants should normally possess A-level Chemistry plus two other A-levels, at least one being an additional science subject or Maths.

An A or A* grade at GCSE in Mathematics is needed if Maths or Physics is not offered at A or AS. C grade GCSE English is also required.

All other equivalent qualifications will be considered on merit.

**Typical Offer** (for all courses):
A-levels: AAA
IB Diploma: 36 overall with 18 at Higher Level (to include Chemistry and at least one other science or Maths)

Lower offers may be made on the basis of an applicant's educational context.

See our Biochemistry web page:
http://www.bristol.ac.uk/biochemistry
Dear Applicant,

Thank you for your interest in the Biochemistry programmes at the University of Bristol. We hope this booklet answers the majority of your questions.

The School of Biochemistry at Bristol University is one of the best in the country, and we provide excellent undergraduate teaching in a stimulating research environment. To illustrate this, the results of the National Student Survey which asks all final year university students across the country to comment on their chosen degree courses, found that in 2014 99% of the Biochemistry students at Bristol agreed with the statement “Overall, I am satisfied with the quality of the course”.

Year-on-year we produce highly skilled and enthusiastic Biochemistry graduates who embark on a range of exciting careers in the biomedical industries and beyond. We are able to achieve this because our staff are dedicated and committed to teaching of the highest quality, because we have excellent teaching and research facilities, and because we recognise that transferrable skills training forms an essential part of any modern degree programme. All of this means that Bristol is an outstanding choice if you are considering studying Biochemistry.

To see if Bristol is the right place for you to study, there are a number of opportunities for you to visit the School including University Open Days, UCAS Days for UCAS offer holders, and individual visits by appointment. If you are not resident in the UK, you are also welcome to visit the School if you are visiting the country. We are always happy to answer questions by e-mail, telephone, fax or post if you need further information.

We recruit talented students and give them a stimulating environment in which to study Biochemistry. We hope that you will consider joining our School as a step towards an exciting and worthwhile career as a biochemist.

Best wishes,

Jon Lane,
Admissions Tutor
Why Bristol?

The City
Bristol is an exciting multicultural city which successfully blends the traditional with the modern. It has been named as one of the top 10 cities in the world to visit, and recently topped the list as the best place to live in Britain*. Bristol is a fantastic place to be a student.

It has a thriving arts scene with theatres, opera, ballet, art galleries, museums and many fine examples of architecture from the past and the present. Home to Isambard Kingdom Brunel in the 1830s, Bristol now boasts many of his masterpieces including the SS Great Britain and the iconic Clifton Suspension Bridge. There are many music venues catering for all tastes and a fantastic range of cafes, pubs, bars, clubs and restaurants throughout the city.

On sunny summer afternoons, you can watch cricket at the County Ground, and in other seasons there is football (City and Rovers) rugby (Bristol and Clifton), and Bristol also hosts a National ladies hockey league Premier division team (Clifton Ladies). Less traditional activities that are accessible in the Bristol area include ballooning, rock climbing in the Avon Gorge and caving in nearby Cheddar Gorge. The city is surrounded by beautiful countryside with the Cotswolds, the Mendip Hills and the Forest of Dean all within easy reach.

* Source: The Independent

The University
Founded over a hundred years ago, the University of Bristol is very much a part of the City of Bristol with the main precinct situated minutes from the city centre. The University allows students to experience the excitement of learning in a research intensive environment where many of our academics are world leaders in their discipline.

Today the University has nearly 13,500 full-time undergraduate students enrolled on a wide range of courses and approximately 5,500 postgraduate students studying for a further degree.

The School of Biochemistry
Biochemistry is in the Faculty of Biomedical Sciences and is situated in the Biomedical Sciences Building in the heart of the University precinct. It was founded in 1964, and celebrated its 50th anniversary this year. The School has a proud tradition of research in many important areas of Biochemistry, and our research interests span from single molecules to the roles of cells in living organisms. This breadth of research means that Biochemistry is a discipline that underpins scientific research activities across the University.
Admission to Biochemistry

Entry Requirements
We usually make offers on three A-levels, but the quality of any AS levels may affect whether borderline candidates are short-listed. A-level Chemistry is required together with at least one other science or Maths. Good numeracy is essential for Biochemistry and AS Mathematics is desirable if Mathematics or Physics is not offered at A-level. Otherwise we would require a minimum grade A pass at GCSE in Mathematics.

Our standard offer for the International Baccalaureate is 36 overall (to include 18 at HL), including Chemistry and at least one other science or Maths.

We welcome applications from candidates holding qualifications other than A-levels, but look for a knowledge of Chemistry equivalent to an A-level pass at grade A.

For further information on entry qualifications see: http://www.bris.ac.uk/prospectus/undergraduate/2014/sections/BIOC/dept_intro

Choice of Programme
We receive over 700 applications each year for the 92 places available in Biochemistry to home/EU students. We also have a number of additional places available to suitable international students. We consider applicants for the C700, C720 and C790 programmes as a single pool of students for the purpose of admissions so you should not apply to more than one programme. It is easy to transfer between them once you are admitted.

Selection
Once your UCAS form is received, it is assessed by our admissions team who look at predicted and existing qualifications, your referee’s comments and your personal statement. If your application is successful you will be invited to a UCAS day to see the School and the University, and meet staff and students. These are normally held on Wednesdays between February and March. We believe that the UCAS Day enables you to make the most informed choice of programme.

Given the high level of competition for places we would favour shortlisting candidates whose personal statement shows a commitment to biomedical science.
Candidates are not discriminated against on grounds of race, ethnicity, nationality, gender, sexuality, religion, disability or age.

Our full admissions policy can be found at:
http://www.bristol.ac.uk/biochemistry/admissions/policy.html

Once you have an offer
If you hold Bristol as your firm choice, you will be sent accommodation literature in May. Insurance candidates will receive information on accommodation after A-level results are published if they fail to achieve a place with their firm choice. However, insurance candidates are not guaranteed University accommodation.

Once examination results are published, candidates meeting the terms of our offer are sent more information about the Biochemistry degree. If you are holding a firm place and narrowly fail to meet the terms of our offer, please contact us immediately. We may be able to accept you or suggest places on similar programmes, if vacancies exist.

Our Students
Our current first year intake is split fairly evenly between men and women and our students come from a wide range of educational and social backgrounds. We aim to recruit around 94 UK/EU students each year, with additional places being available for international students. We have a broad cultural mix of students who come from the UK and mainland Europe, Asia and the Americas.

International Candidates
We welcome applications from international applicants. The standard offer for International applicants taking A-levels is the same as for home students. We are happy to consider alternative qualifications, however, and will make equivalent offers where appropriate.

An IELTS score of 6.5 is required for candidates who do not have English as their first language.
Studying Biochemistry: The Biochemistry degree programmes

What is Biochemistry?
Biochemistry is a scientific discipline whose ultimate aim is the understanding of life’s processes in molecular terms. Biochemists are therefore concerned with biological problems but recognise that the fundamental events in biology involve molecular and hence chemical changes.

We have three 3-year BSc programmes:
- Biochemistry (C700)
- Biochemistry with Molecular Biology & Biotechnology (C790)
- Biochemistry with Medical Biochemistry (C720).

We also have a 4-year Biochemistry with Study in Industry BSc. Students may transfer onto this programme at the end of Year 1 (for further details, see later)

Programme Structure
Each year you will study units to the value of 120 credit points (cp). As can be seen in the pages that follow, in the first and second years there are some mandatory units but there is also a wide variety of choice available for the optional units, particularly in the Biochemistry C700 programme. You may transfer between programmes providing the right choice of optional units is made.

Tutorial support
When you arrive at Bristol, you will be assigned a personal tutor for the whole 3 (or 4) years of your programme. Your personal tutor will give you academic tutorials in Biochemistry in the first year in groups of 3-5 students. They will maintain close contact with you throughout your time in Bristol and are there to help you with any problems that may affect your studies and to write you a reference for a job when you graduate.

Student Representation
We have an active student representative system and a Staff Student Liaison Committee that allows your voice to be heard within the School. In addition, you will regularly be asked for feedback on the units you are studying so we can continue to improve your educational experience.
As at most universities, **lectures** play a major part in our teaching. Whilst lectures won’t cover every detail of the subject, they will provide a basic framework of knowledge which you can then fill out by your own reading. Reading and thinking for yourself are essential parts of a university education, and although the lecturers will help by suggesting useful books and topics to think about, a great deal will depend on your own efforts.

Lectures are not the only method of teaching; there are also **tutorials** where you meet your teachers in small, informal groups. In tutorials a variety of topics may be discussed, and you can raise difficulties which you may have encountered in the lectures or in your reading. You will also get the opportunity to practise the type of questions you will encounter in exams and get feedback on your performance.

Finally, as a scientist, you will spend a good deal of your time in the **laboratories**, learning the experimental basis and application of the underlying theory. We have two modern and well-equipped teaching labs for first and second year students respectively.

Laboratory work is supported by the innovative **eBiolabs** online dynamic laboratory manual system. Before practical sessions, you will access the system and learn in detail about the experiment you will be doing each week. Information is provided on the theory behind each practical and the techniques you will be using. We use animations and videos to guide you through the experiments so that you’ll be well prepared for the class and be able to make the most of your time in the lab. You can find out more about our eBiolabs system by going to: [http://www.bristol.ac.uk/ebiolabs/](http://www.bristol.ac.uk/ebiolabs/)

You will have around 20 hours of scheduled teaching per week but will be expected to undertake at least as much independent study over the course of a typical week. Assessments usually take the form of both unseen exams (which may include essays, multiple choice questions and calculation questions) and coursework.
Biochemistry 1

In your first year you will spend a third of your time studying Biochemistry. The 40 cp Biochemistry 1 unit is delivered through three lectures per week with practicals and tutorials usually being held on alternate weeks.

You will be given lectures covering the structure and function of nucleic acids, proteins, lipids and carbohydrates, the relationships between them and their synthesis and breakdown. Further topics include the integration of metabolism and hormone signalling and cell biology.

The unit includes practical classes where you learn techniques such as spectrophotometry, electrophoresis and protein purification which will allow you to study biochemical systems.

During tutorials you will have set questions marked and returned, discuss any problems you may have, and give presentations.

Biological Chemistry 1A and 1B

The first year Biological Chemistry units include lectures, practicals, tutorials and workshops. They are designed to cover all of the fundamental chemistry you will require throughout your Biochemistry programme, in addition to providing training in other core skills including writing and mathematics. You will study the following two 20 cp Biological Chemistry units:

- **Biological Chemistry 1A: Molecules of Life** - this introduces the fundamental molecular concepts that underpin the study of life and biomedical sciences, presented within the reference frame of biological and biomedical applications. Key ideas include coverage of atoms found in organisms and their chemical and physical properties, how these atoms form bonds to build up biomolecules, chemical reactivity of biomolecules including mechanisms, and techniques for analysing the molecular and atomic properties of biomolecules.

- **Biological Chemistry 1B: Powering Biomolecular Interactions** - this unit provides coverage of the key concepts of biomolecular interactions, including ligand binding and enzyme catalysis, and the role of energy in driving biomolecular interactions including redox, photosynthetic and chemiosmotic concepts. In addition, the unit also provides elementary training in mathematical techniques used in the analysis of biomolecular interactions, familiarises students with the operation of academic biomolecular research practice, and introduces elementary scientific writing skills.

Optional Units

Optional units to a value of 40 cp are selected by students on the C700 programme from the choices given in the following table. Most students choose Microbiology, Pathology, Pharmacology or Physiology options. Students on C790 and C720 programmes have a more restricted choice.
First year programme structure

A typical Year 1 timetable
A Biochemistry student studying Biochemistry, Biological Chemistry and Microbiology:

<table>
<thead>
<tr>
<th>Day</th>
<th>9-10am</th>
<th>10-11am</th>
<th>11-12am</th>
<th>12-1pm</th>
<th>Lunch</th>
<th>2-3pm</th>
<th>3-4pm</th>
<th>4-5pm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>Lecture Biochemistry</td>
<td>Lecture Microbiology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuesday</td>
<td>Lecture Biochemistry</td>
<td>Lecture Microbiology</td>
<td></td>
<td></td>
<td></td>
<td>Practical Class Biochemistry or Biological Chemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wednesday</td>
<td>Lecture Biological Chemistry</td>
<td>Lecture Biochemistry</td>
<td>Lecture Microbiology</td>
<td></td>
<td></td>
<td>Free for Sports</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thursday</td>
<td>Tutorial Biochemistry or Biol Chem</td>
<td>Lecture Biological Chemistry</td>
<td></td>
<td></td>
<td></td>
<td>Practical Class Microbiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Friday</td>
<td>Tutorial Microbiology</td>
<td></td>
<td>Lecture Biological Chemistry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The broad range of subjects (particularly in the case of C700) enables students to transfer between Honours programmes at the end of the first year, if they wish, provided the appropriate Year 1 units have been taken.
Having gained a good understanding of basic Biochemistry in the first year, you are now ready to build on this knowledge and study the subject in more depth. You take three mandatory subjects in the second year, **Biochemistry**, **Molecular Genetics** and **Biomedical Research, Employability and Enterprise Skills**. As in the first year, your fourth option may be chosen from a range of subjects.

**Biochemistry 2**

Biochemistry 2 is made up of two 20 cp units, each 12 weeks long:

- **Molecular Structure, Dynamics and Function** covers the structural basis of disease, how cells extract energy from their surroundings, and how cellular energy is utilised to power molecular motors and the movement of molecules around cells.
- **Molecular Cell Biology** covers how eukaryotic cells are organized at a molecular level, the intracellular signalling pathways by which cells respond to hormonal stimulation, and the molecular basis of important eukaryotic cell behaviors including cell adhesion, regulation of the cytoskeleton, cell migration and cell division.

**Molecular Genetics 2**

This is again made up of two 20 cp units:

- **Recombinant DNA Technology** studies the methodology surrounding the cloning, manipulation and analysis of recombinant DNA sequences.
- **Gene Expression and Rearrangement** studies the organization and replication of genes, genetic analysis, and mechanisms of gene expression in prokaryotic and eukaryotic systems and their viruses.

**Biomedical Research Employability and Enterprise Skills**

This 20cp unit will equip you with the skills needed to undertake your final year when there is an emphasis on research. It will also help to prepare you for life after graduation.

**Optional Units**

As in the first year, options may be chosen from a range of units. Pathology, Microbiology and Pharmacology units are popular but some students take subjects outside science such as languages.
Second year programme structure

- Molecular Structure, Dynamics and Function
- Molecular Cell Biology

and

- Recombinant DNA Technology
- Gene Expression and Rearrangement

and

- Biomedical Research Employability and Enterprise Skills (BREES)

plus

- Biochemistry: one from:
  - Cellular & Molecular Pathology
  - Infection and Immunity
  - Microbiology
  - Pharmacology
  - Physiology
  - Maths

Non-science subjects are also available, e.g.
Languages

- Biochemistry with Molecular Biology & Biotechnology:
  - Cellular & Molecular Pathology

- Biochemistry with Medical Biochemistry: one from:
  - Cellular & Molecular Pathology
  - Infection and Immunity
  - Physiology
  - Pharmacology

In some cases, units other than those outlined here may be chosen, provided that it can be timetabled and the programme load is approved.
Year 3 Biochemistry
In the final year you will cover a wide range of topics at an advanced level, with the emphasis on current developments. You will study the following lecture-based units:

**Advanced Cell Biology**: material covered will include techniques used to study cell biology, the cytoskeleton and intracellular trafficking. The migration of cells and their interactions with the extracellular matrix will also be covered.

**The Dynamic Proteome**: covers cutting edge topics in protein biochemistry.

**Cellular Information**: you study advanced topics in cellular information networks and genomic information

**Advanced Options in Biochemistry**: you will study advanced topics from a variety of specialist lecture elements. These topics are largely based around the research specializations of staff within the School. There are seven elements available and you choose four of these elements. The elements are:

- Synthetic Biology
- Protein Science in Therapy and Technology
- DNA-Protein Interactions
- Molecular Basis of Disease
- Neurobiochemistry
- Cardiovascular Disease
- Cancer

In addition to these four lecture-based units, **Core Skills** unit for two pieces of independent project work.
The Core Skills Unit

The Core Skills unit is designed to provide you with the skills needed to carry out biochemical research. You will undertake two pieces of project work for the unit:

**The Practical Project:** you will spend eight weeks in the research laboratory of a member of staff where you will carry out a piece of original research, usually within an area of your special interest. These projects are usually in association with the on-going research in that laboratory and they give you an excellent opportunity to work in a research environment as part of a research team. You will have access to the specialised instrumentation that is an essential part of biochemical research. Most students find this a valuable experience which helps them decide whether they wish to proceed further with research or other laboratory work or else seek a career outside the laboratory after graduation. The project is written up as an assessed report at the end.

**The Literary Project:** this is a library-based project where you research a topic in the current scientific literature and write an in depth review on it.

**Your final degree classification**
This will take into account your performance in the second year, your final year project work, comprehension and data handling papers as well as four finals exams.
What is the structure of the programme?
The programme options are the same as those for the standard 3 year Honours Biochemistry programmes for the first and second years, with an industrial placement during the third year of the programme. You resume the final year of the standard Honours programme for your fourth year.

What are the benefits of taking this programme?
The work experience will look excellent on your cv when you graduate and you’ll get paid for the work you do!

How do I gain admission to the programme?
You may apply for entry to the programme towards the end of the first year. Admission will be dependent upon examination results and a satisfactory interview with the industrial partner.

What happens during the Industrial Placement?
You spend one year as a paid employee of the industrial partner, subject to their standard working conditions and practices. You will typically spend about 47 weeks working on a project with appreciable biochemistry content, and will be required to submit a report which will form part of your final assessment.

Some of our current student placements are at:
- AstraZeneca Pharmaceuticals
- The Sanger Institute, Cambridge
- GlaxoSmithKline
- Syntaxin
- Vernalis
- Reckitt Benckiser
- EMBL, Grenoble

In recognition of the excellent research training it provides to our students, the Biochemistry with Study in Industry degree is accredited by the Society of Biology.
Career Destinations

Biochemistry is a research-based subject and many of our students go on to have successful careers in biomedical research. Biochemists are in demand in the biotechnology and pharmaceutical industries and many work in medical, agricultural or marine research establishments.

Examples of jobs related to Biochemistry include:
- Clinical biochemist
- Forensic scientist
- Research scientist
- Clinical trials administrator
- School, college of Higher Education teacher
- Scientific journalist and medical writer
- Patent examiner

It is also possible to progress onto postgraduate Medicine.

Case study

What did you do after completing your degree in Biochemistry?

“I decided I wanted to become a patent attorney. A degree in Biochemistry from the University of Bristol provides an interesting and wide knowledge of the Biochemical field and has been useful for the career I have chosen. Many of the opportunities the course provides, such as final year lab-based projects, means I now have many useful skills that are attractive to potential employers.”

Lizzie, BSc (Hons) Biochemistry

Throughout the Biochemistry degree you will also develop a wide range of important transferable skills which serve as an excellent preparation for a wide range of other non-scientific careers. These skills include:
- Numeracy, analytical and problem solving
- Time management and organisation
- Data interpretation, statistics and computing skills
- Effective written and oral communication
- Team working
The School of Biochemistry at Bristol was rated very highly in the Research Assessment Exercise in 2008 making it one of best research Schools in the country. The research is multi-disciplinary in nature with many collaborations both with other University Schools and with other institutions both nationally and internationally.

Research Areas
We have around 160 researchers and over £8 million annual research funding for a wide variety of projects.

For simplicity these can be grouped under three headings:

**Membrane Biology**
The research work encompasses molecular events at and within cell membranes. Our focus on these hotspots for cellular function ranges from studies of how proteins are inserted into and across membranes through to research into crucial membrane channel structure and function.

**Enzymes: Dynamic Molecules**
We have a strong focus on the fundamental understanding of catalytic mechanisms and use a wide range of techniques to explore enzymes and their detailed molecular structure. Insight into these key biomolecules is exploited in synthetic biology applications and allows us to investigate DNA : protein interactions.

**Dynamic Cell Biology**
Many of our studies in this area aim to understand mechanisms of protein trafficking and the regulation of dynamic complexes within and between cells and at membranes. This includes exploring the role of the extracellular matrix and the actin cytoskeleton.
Introduction

The University guarantees to provide accommodation for all new unaccompanied full time students who apply for accommodation by 12th July of the year of entry, and who live outside the Bristol area. Almost all first year students will be placed either in Halls of Residence or in self-catering flats with a large number of rooms, so your chances of meeting friends is optimised. Places in University Residences are restricted and students holding a firm offer at Bristol will receive preference. Further information on accommodation can be found at: http://www.bris.ac.uk/accom

Halls of Residence

The majority of rooms are single study bedrooms and all have phone and internet points. There are two main sites for the Halls of Residence in Bristol. Clifton Hill House, Manor Hall and Goldney are situated in Clifton, about a ten minute walk from the main campus. Wills Hall, Churchill, Badock, Durdham, Hiatt Baker and University Hall are in Stoke Bishop, about 40 minutes walk or 10 minutes by bicycle, and close to the University playing fields. There is an excellent bus service running from the Stoke Bishop halls to the main precinct. In addition to the halls, there are a number of Student Houses suitable for first year students.

Private Accommodation

Most students move to private rented accommodation after their first year. The Accommodation Office offers a comprehensive service for students seeking private accommodation including a web-based search for accommodation and a Bulletin Board.

Applying for accommodation

If you hold an firm offer with Bristol you will be sent accommodation literature in May. When you fill in your accommodation application form, you will be asked to name five preferred Halls/Student Houses. The accommodation office will strive to allocate you a room taking into account your preferences.
We think Bristol is a good place to study Biochemistry, but don’t take our word for it, here’s what our students have to say about us:

**Martin Baker**

The Biochemistry School at Bristol provides its students with a high standard of education in both theory and lab based skills. The modular nature of the course gives students in the first two years a wide range of units to choose from which are not necessarily related to biochemistry. Overall I have found that the course is well structured and the School has a friendly and welcoming atmosphere. I have also had the opportunity to work alongside world class research giving me an amazing insight into the world of science. My experience at Bristol has persuaded me to pursue a career in science, and more than anything I have enjoyed my studies so far.

**Sinead O'Hara**

Bristol is such a great city to live and study in. The city itself is big enough that you won’t get bored but small enough that you can feel a part of it. There is such a wide and diverse range of places, from the harbourside to the large expanse of the Downs -perfect on a sunny day, and of course the suspension bridge. The university is well located within the city and close to most areas for when you move out in second year. Biochemistry is a difficult degree but is interesting and rewarding as the lecture material is up to date and engaging. Lecturers and tutors are always willing to give help and advice.

I would recommend living in halls for the first year as it is a great way to meet lots of people but also in the first and second year biochemists have lectures with other related courses so there is plenty of opportunity to meet people outside the course. There are loads of sports clubs and societies to get involved with at the university, having been involved with both swimming and hockey I have had a great time training and socialising. The mix of nightlife suits students well as there is always something going on for everyone.
Two years ago, I chose to study Biochemistry at Bristol and have never once regretted that decision. The city of Bristol is incredibly diverse – from edgy, street-art filled Stokes Croft hosting independent shops and restaurants, to beautiful Clifton, and everything in between!

The School of Biochemistry is one of the friendliest and most well-organised schools in the university, and the breadth of the course allows one to engage with a range of aspects of science. Above all, you will be taught by passionate lecturers at the forefront of research in their field, who are always available to provide extra help and advice. The University itself is brimming with opportunities – I have been a Course Representative, run peer-assisted study sessions and worked in a research laboratory over the summer, all besides the great student societies and volunteering options available!

**Student Societies**

Students within the School of Biochemistry run a hugely successful society called Helix. It’s open to all students who have an interest in Biochemistry and it organises range of social events. You can get cheap second hand text books through their book sales and get to know your fellow biochemists. There are also a large number of other societies affiliated to the Students’ Union covering a wide range of interests including politics, academic subjects, music and hobbies.

In addition, the Union embraces over 50 affiliated sports clubs catering for sport at all levels and the University has fantastic indoor and outdoor sports facilities for you to use.

Further information on all the Students’ Union activities can be found at [http://www.ubu.org.uk/](http://www.ubu.org.uk/)
Our Web page
http://www.bristol.ac.uk/biochemistry

The University Web Page
http://www.bristol.ac.uk/

University Prospectus
Available from
The Admissions Office
Senate House
Tyndall Avenue
Clifton
Bristol BS8 1TH
E-mail: ug-admissions@bristol.ac.uk
http://www.bris.ac.uk/prospectusrequest/

More information on studying Biochemistry at the University of Bristol can be found at:
http://www.bris.ac.uk/study/undergraduate/2015/biochemistry/bsc-biochem/

University Open Days
There are three University of Bristol Open Days during the summer. For further details and future dates please contact the Undergraduate Admissions Office, Senate House, Tyndall Avenue, Bristol, BS8 1TH or see the University web site.