

Careers and Employability Service
Additional resources and information for
Biological Sciences

Welcome:

We have developed this recourse pack to help you research specific job sectors which may be of particular interest to Biological Science students.

- [Prospects.ac.uk](https://www.prospects.ac.uk) - Options with Biology
- [Prospects.ac.uk](https://www.prospects.ac.uk) - Options with Zoology
- [Prospects.ac.uk](https://www.prospects.ac.uk) - Options with BioMed
- [Prospects.ac.uk](https://www.prospects.ac.uk) - Options with BioChem
- [Prospects.ac.uk](https://www.prospects.ac.uk) - Options with Pharmacology

The Prospects sites include information and advice covering: Your skills, job options, career areas, further study, what next, case studies, contacts and job search sites.

SKILLS:

The skills gained during a Biological Sciences degree can lead to a wide range of employment opportunities and postgraduate courses both within and outside of science. As well as developing a range of academic abilities, laboratory skills and techniques your programme of study within BioSci develops a range of transferable skills including the ability to:

- Analyse and assess information and data
- Apply numeracy, communication and information technology skills efficiently
- Use effective interpersonal and team working skills including demonstrating an appreciation of different points of view
- Self-manage, think independently, set tasks and solve problems.

The Institute of Biomedical Science - <https://www.ibms.org/estudents/>

The British Pharmacological Society - <http://www.bps.ac.uk/view/index.html>

The British Ecological Society - <http://www.britishecologicalsociety.org/>

The British Biochemical Society - <http://www.biochemistry.org/>

Zoological Society of London - <http://www.zsl.org/>

Employment:

Biological Sciences graduates enter a very wide range of careers - both scientific and non-scientific. An interesting web resource for bio scientists looking for high quality careers support can be found at [Bioscience Careers](#). This site is hosted by Sarah Blackford, Head of Education & Public Affairs at eh Society for Experimental Biology.

The following examples give a sense of the range of jobs Southampton BioSci graduates have gone into over recent years. Data has been collected from graduates completing the [DLHE Survey](#) six months after graduation and from alumni information.

Whilst most of the jobs listed are graduate vacancies - others are opportunities graduates are undertaking to gain valuable work experience that will enable them to enter their chosen career. For example graduates working as health care assistants may be looking to apply for Graduate Entry to Medicine or other Health Care Professions. Those contemplating a career in teaching may gain valuable experience working as a teaching assistant while graduates seeking a career in nature conservation may initially gain experience working as a volunteer.

MEDICAL RELATED SCIENTIFIC SERVICES

- Medical laboratory assistant: Salisbury Hospital
- Trainee Audiologist: NHS
- Trainee Biomedical Scientist: East and North Herts NHS Trust, Southend District Hospital
- Trainee Histocompatibility Scientist (Clinical Scientist): National Blood Service

SCIENTIFIC ANALYSIS AND INVESTIGATION

- Clinical Trials Administrator: Novartis
- Clinical Data Associate: Covance
- Development Associate UCB Celltech
- Forensic Analyst: Orchid Cellmark
- Medical Information Executive: Servier Laboratories
- Pharmacovigilance Associate: Icon Clinical plc
- Stability analyst: NAPP Pharmaceuticals

SCIENTIFIC RESEARCH AND DEVELOPMENT

- Physiologist: DSTL (Defence Science and Technology Laboratory)
- Research Scientist: Health Protection Agency
- Development Scientist: GlaxoSmithKline
- Pharmacologist: GlaxoSmithKline
- Development Scientist: Eurocaps Ltd
- Junior Biologist: Karus Therapeutics

- R and D Scientist: Lonza Biologics
- Molecular Biologist: Rejuvigen
- Research Technician: Bristol University
- Scientist: Ferring Pharmaceuticals

SCIENTIFIC TECHNICAL SUPPORT

- Laboratory Technician: Pfizer
- Laboratory Technician: Severn Trent Water
- Laboratory Technician: Marchwood Scientific

HEALTHCARE

- Healthcare Assistant: Bournemouth Hospital, United Bristol Healthcare Trust
- Health Information Adviser: NHS Direct
- Physiotherapy Assistant: NWW NHS Trust
- Speech and Language Therapy Assistant: West Sussex Primary Care Trust

ENVIRONMENTAL PROTECTION AND CONTROL

- Assistant Scientist: Environment Agency
- Oil Spill Project Worker: Oil Spill Response Unit

ENVIRONMENTAL MANAGEMENT AND CONSERVATION

- Ecologist: The Landmark Practice
- Graduate Trainee: London Wildlife Trust
- Biodiversity Information Team (Volunteer): Hampshire & Isle of Wight Wildlife Trust
- Volunteer Officer: British Trust for Conservation Volunteers
- Zoo Keeper: Durrell Wildlife Conservation Trust

SALES / SALES MANAGEMENT

- Medical Representative: Merck Sharp & Dohme
- Medical Representative: Servier Laboratories
- Pharmaceutical Sales Representative: Boehringer Ingelheim
- Sales: Sigma Aldrich
- Sales Specialist: Genetic Research Instrumentation Ltd
- Customer Sales Manager: John Lewis

INFORMATION SERVICES

- Regulatory Affairs Officer: Ratiopharm

ADVERTISING, PROMOTION AND MARKETING

- Brand Development Executive: Carlson Marketing Group
- Marketing Assistant: Clarks
- Media Sales and Promotions Manager: Southampton University Students' Union
- Events Management: Parallel Blue Events
- Promotions Assistant: BBC

HERITAGE AND MUSEUMS MANAGEMENT

- Curator: Natural History Museum

EDUCATION

- Education Centre Assistant: Marwell Zoological Park
- Teaching Assistant (Special Educational Needs): Heathfield Community College, Weston Junior School
- Teaching Assistant: Causeway School
- Student Union Sabbatical Officer (VP Education): Southampton University Student Union

FINANCE AND MANAGEMENT CONSULTANCY

- Accountant: Tenon
- Underwriter: Zurich Financial Services Group
- Data Analyst: Barclays
- Business Analyst: HSBC
- Trainee Accountant: Westlake Clarke

PUBLISHING, MEDIA AND PERFORMING ARTS

- Scientific Researcher: BBC
- Editorial Assistant Elsevier

ADMINISTRATION

- Private Secretary and Briefing Support Manager: Government Pension Service
- Project Coordinator: AIESEC

LAW ENFORCEMENT AND PUBLIC PROTECTION

- Officer: British Army

Finding Job Vacancies:

As a graduate from Biological Sciences you can go into a wide range of occupations, some open to all graduates, and some particularly relevant to your degree. Information and advice about how to find out about employment opportunities can be found on our [Job Hunt webpages](#) and on the [Prospects](#) website.

When applying for vacancies you may need support in constructing a CV, filling out an Application Form, drafting a Cover Letter or preparing for Interview. We offer support on all of these areas via our [Job Application Resources webpages](#).

Biological Sciences Related Jobs and Internships:

The information below can be used to find job vacancies or industrial connections related to your programme, and/or to build understanding of relevant roles. Consider exploring job opportunities, career advice sites and associations/societies related to your degree programme or interests. Alongside this list make the most of the opportunities provided by the University to meet and network with employers and alumni from Biological Sciences and learn from their experiences.

- **BioChemist E-Volution** – Career news and information from the Biochemical Society. www.biochemist.org/job
- **Careerscene.com - The Biomedical Science Career Network** – The UK's largest internet resource for Biomedical Science vacancies. www.careerscene.com
- **MediPlacements** – Opportunities throughout the health care industry including biomedical science and pharmacy. www.mediplacements.com
- **Hyper Recruitment Solutions** – Providing recruitment solutions for specialist sectors including BioTech and Pharma. www.hyperec.com
- **Jobs.ac.uk** – Research, Science, Academic, Teaching and Management jobs and studentships in the public and private sector. www.jobs.ac.uk
- **NatureJobs.com** – Packed with the latest career articles, science jobs and employment news. www.nature.com/naturejobs/science
 - www.nature.com/naturejobs/science/jobs/biomedical-science
 - www.nature.com/naturejobs/science/jobs/science-technician
 - www.nature.com/naturejobs/science/jobs/forensic-science
- **New Scientist Jobs** – online edition of the New Scientist Graduate Careers Special. www.newscientistjobs.com/graduate/jobs
- **NHS Careers** – Vacancies within the National Health Service across England and Wales. www.nhs.uk AND www.jobs.nhs.uk

- **Pharmafile** – Online directory of pharmaceutical related news and job vacancies. www.pharmafile.com
- **Pharmaiweb.com** – Widely regarded as one of the world’s leading Pharmaceutical job portals for the UK and International vacancies. www.pharmiweb.com
- **PMLiVE** – Pharma marketing, sales and communications jobs with an substantial career advice site embedded within the webpage. <http://jobs.pmlive.com/>
- **UK Centre for BioScience** – Supporting the learning and teaching of biosciences in higher education. www.bioscience.heacademy.ac.uk/network/students/index.aspx
- **Association of the British Pharmaceutical Industry (ABPI)** – representing innovative research-based biopharmaceutical companies and leading an exciting new era of biosciences in the UK. www.abpi.org.uk
 - **Pharmaceutical Industry Career Information from the ABPI** – Information on opportunities within the pharmaceutical industry in the UK for a range of audiences including university students. www.careers.abpi.org.uk
 - **ABPI Membership List** – A full listing of ABPI members in many established research based organisations. www.abpi.org.uk/about-us/membership/Pages/full-membership-list.aspx
- **British Pharmacological Society** – At the heart of the development and promotion of pharmacology and of those who are training and working in the field. www.bps.ac.uk
- **British Society for Cell Biology** – Promoting research in all branches of cell biology and encouraging the interchange of information. www.bscb.org
- **Institute of Zoology** – A world-renowned research centre working at the cutting edge of conservation biology and specialising in scientific issues relevant to preserving animal species and their habitats. www.zsl.org
- **Society of Biology** - Providing a single unified voice advising Government and influencing policy, advancing education and professional development. www.societyofbiology.org/students
- **Society for Experimental Biology** – Contributing to the development of agriculture and medicine and understanding the impacts of human activity on living organisms and ecosystems. www.sebiology.org
- **UK Bio Industry Association (BIA)** – A trade association for innovative bioscience enterprises within the UK aimed to influence progress and enable connections. www.bioindustry.org
 - **BIA Membership Directory** - A full listing of BIA members in many established research based organisations. www.bioindustry.org/membership/member-directory

- **Welcome Trust** – The world’s largest medical research charity providing funds to support research in the biomedical sciences. www.wellcome.ac.uk

Postgraduate Study and Research:

Approximately one third of graduates from Biological Sciences pursue [further study](#) opportunities following completion of an undergraduate programme. There are many good opportunities available to obtain funding for Masters and MPhil/PhD study within the life sciences however a number of students successfully enter a variety of Health Professions training including Medicine, Dentistry, Physiotherapy, Radiography, Nursing, Occupational Therapy, Podiatry, Dietetics and Speech Therapy. In addition to a strong academic track record these courses will look for evidence of relevant [volunteering](#) and/or [work experience](#).

Many of our graduates have also demonstrated that it is possible to take postgraduate courses to prepare for many other careers including teaching, the legal professions and environmental health. Below are typical examples of the courses entered by graduates from Biological Sciences six months after graduation (data collected from 2004 onwards).

PhD:

Royal Veterinary College
 University of Belfast
 University of Bristol
 University of Cambridge
 University of Edinburgh
 University of Newcastle
 University of Southampton
 University of Liverpool

MSc:

Environmental Health: Kings College London
 Patenting: Queen Mary and Westfield College
 Human Nutrition and Dietetics London Metropolitan University

HEALTH PROFESSIONS:

Dentistry:

King's College London
 Peninsular College of Medicine and Dentistry

Medicine:

Imperial College
 Newcastle University
 Queen Mary, University of London
 University of Dundee
 University of Leicester
 University of Southampton
 University of Warwick

Midwifery:

University of Brighton

Nursing:

University of Southampton

Physiotherapy:

University of Southampton

Podiatry:

University of Southampton

Radiography:

Cardiff University

VETERINARY SCIENCES:

Royal Veterinary College

University of Bristol

TEACHING:

(PGCE-Primary):

University of Southampton

University of Winchester

(PGCE-Secondary):

Anglia Ruskin University

University of Reading

University of Southampton

LAW CONVERSION COURSE:

Graduate Diploma in Law:

University of Law (Bloomsbury)

University of Law (Guildford)