

# UNDERGRADUATE PROSPECTUS 2013

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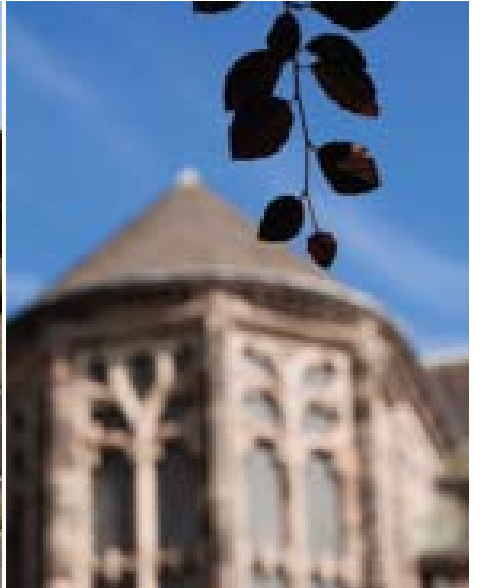
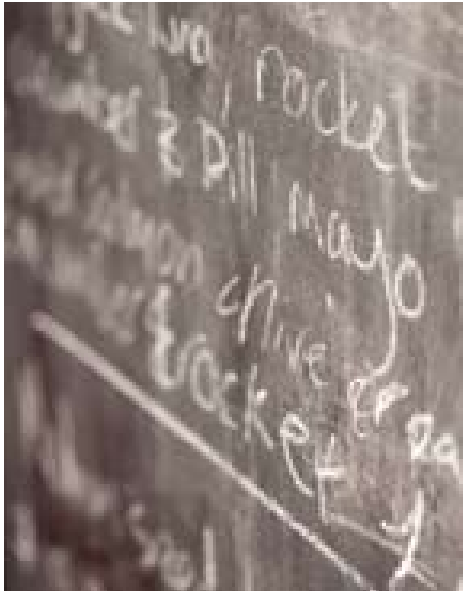


UNIVERSITY  
OF ABERDEEN





**Estd.  
1495**







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## Term Dates

**Winter Term**  
Tuesday 24 September 2013  
to Friday 20 December 2013

**Spring Term**  
Monday 13 January 2014  
to Friday 28 March 2014

**Summer Term**  
Monday 21 April 2014  
to Friday 13 June 2014

**First Half-Session Begins**  
Tuesday 24 September 2013

**Second Half-Session Begins**  
Monday 2 February 2014

Please note these term dates  
may be subject to change.

## Key to Icons



Website Address



Study Abroad Opportunities



Financial Information



Environmental or  
Sustainability Content

## THE ABERDEEN DIFFERENCE

Curriculum Reform Information



Take a peek at our  
3D images on pages 18, 28,  
72 and see the difference!

## Follow us:



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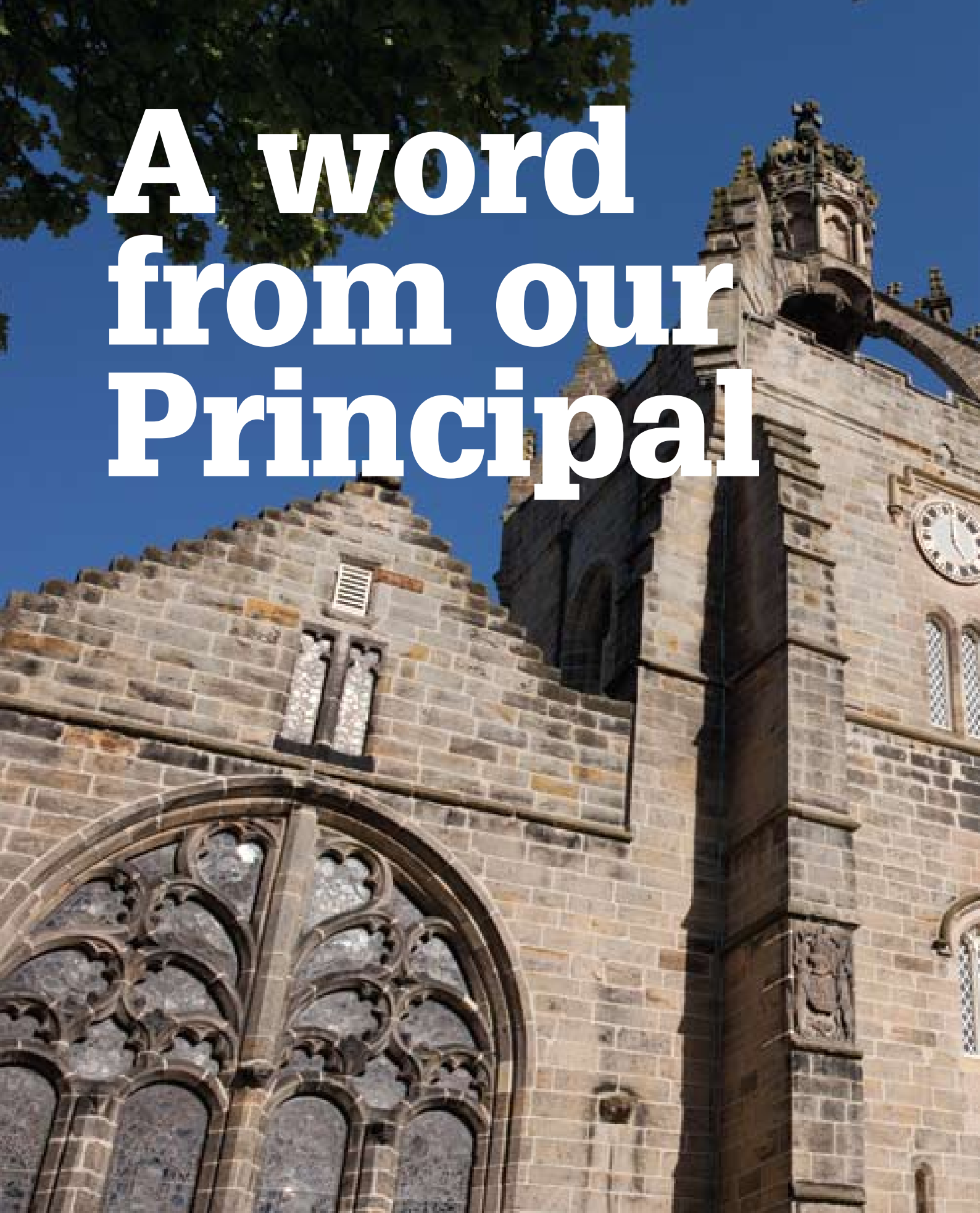


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When you have finished with  
this prospectus please recycle it.

# A word from our Principal



# **As Principal** I would like to welcome you to the University of Aberdeen's Prospectus for Undergraduate Courses and Programmes in 2013/2014.



**'As well as giving students a wonderful educational experience, the records show that after leaving Aberdeen our graduates are highly sought after by employers.'**

Since 1495 the University of Aberdeen has been respected the world over for the high quality of its teaching and research but never more so than today. We are proud that our first objective is to ensure a student experience that is second to none.

All the available indicators of teaching, student satisfaction and research place Aberdeen in the highest echelon of UK universities and one where both teaching and research are valued equally.

The results of the 2011 National Student Survey confirmed our reputation as one of the leading universities in the UK for the student experience. Indeed, in a number of subjects we were in the top five universities in the UK.

We are equally highly regarded for our excellence in research. In the most recent UK wide Research Assessment Exercise around 90% of the research conducted at Aberdeen was of international quality. At Aberdeen you will be joining a vibrant and stimulating scholarly community where teaching is informed by staff who are engaged in world leading research.

The University is equally committed to providing you with the very best in support services and facilities. We have made an unprecedented multi-million pound investment to provide our students with some of the very best facilities available anywhere in the UK. These include an Olympic standard sports village, one of the largest wireless campuses in Europe, a state-of-the-art medical teaching facility on Europe's largest health campus and, just opened last Autumn, our fantastic new £57m library.

As well as giving students a wonderful educational experience, the records show that after leaving Aberdeen our graduates are highly sought after by employers and can earn some of the best starting salaries. In the past few years we were one of the first universities in Britain to redesign our curriculum in partnership with students and employers to ensure that Aberdeen graduates are equipped to face the challenges of the 21st century.

Choosing a university is a very important decision. When I made the decision to join Aberdeen as Principal I did so because I was inspired by the story of a university that for over five centuries had made an impact on the world and which had enabled people to fulfil their academic potential. There is an atmosphere here where a shared sense of pride in the University's past achievements sits at one with an ambition to make the next chapter in its history an even more successful one. That makes Aberdeen an exciting and very special university to be part of.

It's why I chose Aberdeen. I hope you will too.

A handwritten signature in black ink, reading 'Ian Diamond'. The signature is written in a cursive, flowing style.

Professor Ian Diamond  
Principal and Vice-Chancellor



Founded in 1495

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16,000 students | 120 nationalities

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Ranked in world

*top 1%*

---

Study abroad exchanges worldwide

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Libraries with over  
**1,050,000 volumes**

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Over 150 sports clubs and societies



# Five Nobel Prizes

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**91%**

of graduates enter directly into work, further study or training within 6 months

---

**Over 600**  
first degree programmes

**Largest wireless  
campus in Europe**

---

**Brand new curriculum to  
produce graduates equipped  
for the 21st century**

---

**In excess of £270 million investment**

---

**90% of research activity  
of international quality**

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**The University of Aberdeen is the UK's fifth oldest university with an academic reputation spanning over 500 years. Forward-thinking, Aberdeen is at the cutting-edge of research.**

**THE DIFFERENCE IN**

# **History & Excellence**



# History & Excellence

- > Established 1495
- > Ranked in world top 1%
- > 90% research activity is of international quality
- > £28m sports facility
- > £57m new library

## Leading in the 15th Century

The University of Aberdeen is Scotland's third oldest university, founded in 1495 as Columbus was opening up the New World and the Renaissance was spreading throughout Europe. William Elphinstone, Bishop of Aberdeen and Chancellor of Scotland, established King's College to train doctors, teachers and clergy for the communities of northern Scotland, and lawyers and administrators to serve the Scottish Crown. This fledgling university boasted, from 1497, the first chair of medicine in the English-speaking world.

Picturesque and historic Old Aberdeen - home of Elphinstone's original foundation - is now the main University site. The 15th century remains very much alive in King's College Chapel, which is still in regular use, offering an oasis of peace, beauty and a sense of history in the daily life of a university now focused on the needs of the new millennium.

[www.abdn.ac.uk/about](http://www.abdn.ac.uk/about)

## Leading in the 21st Century

As you would expect from a university dedicated to excellence in teaching and learning, you will be taught by the people who are at the forefront of research in their particular fields. The University has made bold new changes to modernise its curriculum, inspired by major international universities like Harvard, Yale, Melbourne and Hong Kong. Our curriculum will help our graduates to leave the University even more academically excellent, intellectually flexible and as active citizens. The University of Aberdeen has been praised by the UK Quality Assurance Agency for Higher Education (QAA) for the quality of relationships between students and staff at all levels and 90% of Aberdeen's research activity is of international quality.

The University of Aberdeen is investing over £270 million into the facilities and support for our students, including the opening of our £28 million Olympic standard sports facility, The Suttie Centre, a new £20 million state-of-the-art facility for teaching and learning in healthcare, and our flagship £57 million new library.

As a result, the University has been ranked one of the best places in the UK to study by the National Student Survey.

[www.abdn.ac.uk/about](http://www.abdn.ac.uk/about)



### College of Arts and Social Sciences

The College comprises six Schools: Business; Divinity, History and Philosophy; Education; Language & Literature; Law; and Social Science, and encompasses over half of the University's student population. There is a wide range of undergraduate opportunities, with MA, BMus, BD, BTh and LLB programmes on offer, and the College is continually reviewing its portfolio of Masters programmes, many of them interdisciplinary.

The College aims to promote excellent research in all of its disciplines and to provide a framework in which interdisciplinary research can flourish. The College believes in research-led teaching and as such, it has a number of thriving research groups, including the Research Institute of Irish and Scottish Studies, the Elphinstone Institute, the Centre for Scandinavian Studies, and the Northern Institute of Philosophy. These research groups provide the College's academic staff with an opportunity to pass on cutting-edge research to students at all levels.

[www.abdn.ac.uk/cass](http://www.abdn.ac.uk/cass)

### College of Life Sciences and Medicine

Innovative research is being pursued throughout the College of Life Sciences and Medicine.

On the King's College campus, the School of Biological Sciences undertakes research from the depths of the oceans to the tropics and poles. This work is supported by excellent analytical and molecular genetics laboratories within the Zoology and Cruickshank buildings and our field stations. An example of the latter is Oceanlab in Newburgh, where biologists and engineers investigate the ecology and behaviour of marine animals at depths down to 6,000m.

In the School of Psychology, our academics conduct research ranging from the relationship between brain regions and behaviour, through to the application of psychology to industrial problems.

On the Foresterhill site, where the School of Medicine and Dentistry and the School of Medical Sciences are located, research excellence is centred on two research institutes. The Institute of Applied Health Sciences focuses on national and international population-based research.



Its researchers investigate the causes and consequences of health problems as well as the content and organisation of healthcare in both primary and secondary care settings.

The Institute of Medical Sciences (IMS) brings together scientists and clinicians in a state-of-the-art research laboratory facility. Much of the research is clinically orientated, aimed at improved understanding of disease and development of better diagnostic methods and treatments. The IMS provides an environment in which modern molecular and cellular technologies can be applied directly to a broad range of disease processes. Particular scientific strengths lie in cell and developmental biology, immunology, microbiology, neuroscience, pharmacology, cardiology and musculoskeletal medicine.

[www.abdn.ac.uk/clsm](http://www.abdn.ac.uk/clsm)

### College of Physical Sciences

The College offers a wide range of teaching and research experience across a spectrum of degree programmes. The disciplines within the College are Archaeology, Chemistry, Computing Science, Engineering, Geography and Environment, Geology and Petroleum Geology, Mathematical Sciences and Physics.

Research informs all aspects of teaching, providing a stimulating environment with good links to industry and other universities.

Science at the University is supported by well-founded laboratories with high-tech equipment and computing facilities. Research centres and facilities include Oceanlab, the Marine Biodiscovery Centre, the Centre for Transport Research and the Digital Economy Research Hub which was awarded £12.4 million of funding to explore the contribution digital technologies can make to enhancing key services, generating business opportunities, boosting quality of life and promoting the economic, social and environmental sustainability of rural areas across the UK.

The College has expertise in areas such as rural planning and surveying, environmental management, petroleum geology, mathematics, bioenergy and engineering. Exciting new additions to the College's range of programmes include Chemical and Petroleum Engineering, Applied Mathematics, Business Information Systems and five year masters programmes in Chemistry, Physics and Computing Science.

[www.abdn.ac.uk/cops](http://www.abdn.ac.uk/cops)

# Investing in your Future

1495

1505

1892

1921

1999

The University is founded by William Elphinstone, Bishop of Aberdeen and Chancellor of Scotland, with the ambition "... to found a university, which would be open to all and dedicated to the pursuit of truth in the service of others". The University of Aberdeen becomes the UK's fifth oldest university.

The University opens with 36 staff and students, having eight years earlier boasted the first chair of medicine in the English-speaking world. The University embraces all the known branches of learning - Arts, Theology, and Canon and Civil Law.

The University opens all Faculties to women and in 1894 the first 20 matriculated female students begin their studies. Four women graduate in arts in 1898; by the following year, women make up a quarter of the Faculty.

The first of five Nobel Prizes is awarded for work begun or carried out at the University. Inventions include the life-saving drug insulin and the development of Magnetic Resonance Imaging (MRI).

The University launches its ambitious fundraising campaign with the aim of raising £150 million to mark the start of the University's sixth century of existence.

In 2004 this continues with a £9 million investment programme to appoint exceptional academics to the University, thereby strengthening the intellectual capital of the institution.



2003 2005 2009 2011 2014

The Institute of Medical Sciences at the Foresterhill campus is completed. The custom-built Institute provides state-of-the-art facilities for medical researchers and their students.

Six years on, the Suttie Centre, the new training centre at the heart of the academic and hospital campus, opens for the modern teaching of anatomy linked to other medically-related sciences.

The University celebrates 500 years of teaching and learning and The Old Town House on King's College campus is transformed to become a visitor gateway to the University and Old Aberdeen.

In 2006, an £8 million renovation project sees the enhancement of student facilities on campus.

'The Hub' boasts a superb range of services, including dining, retail and drop-in centres for the student community.

The University's first-class sports and leisure facilities are further boosted by the opening of the newly developed Aberdeen Sports Village, a £28 million Olympic standard sports centre highlighting the University's commitment to sustaining sporting excellence.

The University's brand new £57m library opens to students and the wider community. The library is established as a major intellectual and cultural learning centre for students in the 21st century.

The new Aquatics Centre will open. The centre will provide a first class training and competition venue for elite athletes and offer a community facility that will encourage participation in water-based activities at all ages and abilities.

The world-class facility will include a 50-metre, 10 lane Olympic-standard swimming pool, an international-standard diving pool with moveable floor and a health suite, and will be located adjacent to Aberdeen Sports Village.



# Curriculum Reform

- > **Unique to Aberdeen**
- > **Aligned with major international universities**
- > **More choice, opportunities, support and flexibility**
- > **Exciting co-curricular options**
- > **Producing graduates for the 21st century**

**Our aim is to further develop the learning and support services that we provide to ensure that our students are well supported and have the opportunities to gain the skills to succeed in the global market place. This includes the completion of our Olympic standard sports centre, the development of a flagship library for the 21st century, and the implementation of a new curriculum for students.**

Following an extensive review process, which saw engagement with top employers, professional bodies, academics, the Government, and current and prospective students, parents and teachers, the University has taken significant steps to modernise the structure, content, delivery and flexibility of our degree programmes inspired by major international universities such as Harvard, Yale, Melbourne and Hong Kong.

This comprehensive review and resulting proposals will help Aberdeen graduates to leave the University both academically excellent and intellectually flexible, and being critical thinkers, effective communicators and active citizens.

When you study at Aberdeen, your degree will still have all the quality and depth of the traditional Scottish degree, but will also offer you:

- > **more choice – so you can study around your core subject to gain breadth and context; add a language, a science or business study as an extra subject during the first two years of your degree; or choose from a range of new multidisciplinary courses based on real world problems**
- > **wider opportunities – so you can broaden your experience and skills through a choice of activities such as overseas study, work placements and voluntary work, all overseen by the University**
- > **better support – including more scholarships, a new integrated student centre that brings together different support services, and new flexible learning spaces on campus to complement lecture theatres and labs**
- > **more flexibility – so you can fit your studies around other life demands and take study breaks if you need them. We'll award formal qualifications for the study**

**you've already completed, so you can easily pick up where you left off when you decide to return**

## **Enhanced Study**

One thing about the 21st century is certain: you'll need to be more versatile and more adaptable than ever before to meet the challenges of life and work. At Aberdeen we believe this demands an appreciation of disciplines other than your own, and a deeper understanding of the context of your own core discipline. We call the courses that provide for this, and for other broadening experiences, the Enhanced Study options.

All new students studying for a first degree at Aberdeen, with the exception of Medicine and Dentistry, will include Enhanced Study options as part of their degree. Students taking a Joint degree, or a major-minor programme, will not be required to take the Enhanced Study as the joint nature of their degree provides the necessary breadth.

We've taken care to restructure the degree programmes so that this will not increase your overall workload. Enhanced Study makes up 25% of a student's curriculum in years 1 and 2, and 12.5% over years 3 and 4.





There are three types of Enhanced Study:

- **Sixth Century Courses**
- **Sustained Study Programmes**
- **Discipline Breadth Courses**

### **Sixth Century Courses**

People have been studying at Aberdeen for over five centuries. Now, these exciting new cross-disciplinary courses place you at the cutting-edge of modern learning. They invite you to consider different approaches to knowledge and enquiry as you look at issues affecting the world in which we live today. They're designed to help you develop a deeper critical understanding of your chosen area of study by setting the subject in a wider context.

These are the Sixth Century Courses that are currently approved, though they may be subject to change:

#### **Humans and Other Animals**

Relations with animals are an enormously significant part of our daily lives and they have played a pivotal role throughout human history. This course will explore the relations between humans and other animals in many different ways, examining themes such as domestication, animal rights and welfare, hunting, pets, animal

symbolism and conservation. Through a diversity of disciplinary, historical and cultural perspectives, students will be introduced to the complexity of relations between humans and animals, will gain a deeper understanding of the differences and similarities between humans and animals, and will develop a more informed appreciation of contemporary and historical issues in human-animal relations.

#### **Risk in Society**

The principal aim of this course is to instill an understanding of risk when analysing controversial issues encountered in every day life. The ability to understand and rationalise opposing points of view and to be able to communicate a reasoned argument is critical in today's world. Students will gain a basic knowledge of the science and technology in certain exemplar areas together with a basic introduction to risk perception, risk assessment and the quantification of risk. Example themes to be discussed might include Nuclear Energy, Financial Investments and GM foods. The overall aim is not to change students' minds over the rights and wrongs of individual viewpoints but to broaden their awareness of risk and its portrayal in the popular press and every day society, enabling them to take and be able to communicate a more balanced view.

#### **Sustainability**

In the 21st century, issues of sustainability, environmentalism and renewable energy are becoming increasingly important. The vast numbers of actors involved include governments, policy-makers, legal systems, scientists, pressure groups and the general public. Moreover, it is clear that political responses involve multiple levels of governmental and non-governmental decision making, from the local to the global level.

The broad themes addressed in this course include: the rise of sustainability as an issue; different perspectives on the environment; the relationship between humans and the environment; sustainability science; local and global citizenship; the politics and governance of sustainability; and regulatory aspects of sustainability. Within these broad themes, substantive topics include climate change, food systems and energy. In relation to these topics, we will explore competing definitions of the 'problem' of sustainability; the impact of personal, technological and economic actions and decisions on the environment; the intended and unintended consequences of political strategies designed to improve sustainability; the emergence of international environmental law; and the roles and responsibilities of world citizens. Both global and local case studies will be utilised, which will illustrate the

interconnectedness of the issues involved. In project work, students have the opportunity to focus on Aberdeen, addressing issues such as local land use, tourism, the role of the fishing industry in the city's development, and the area's current economic reliance on the energy industry and how this relates to global demand.

#### **The Digital Society**

This course will provide students with a multi-disciplinary understanding of (1) the impact of the digital society on individuals, organisations and society as a whole and (2) the main issues and challenges of the digital society. It will prepare students to be active citizens in a digital society and contribute to related debates. Examples of topics to be covered include:

- **Digital Divide:** The growing digital divide, including the rural-urban divide, the age divide, accessibility risks for people with disabilities, problems for developing countries
- **Interpersonal Relations in the Digital Society:** The changing nature of interpersonal relationships in light of social networking sites (Facebook, Flickr, MySpace) and new communication means (text messaging, online-messaging); The culture and consequences of having a second life; Identity and impression management
- **Rights in the Digital Society:** Freedom of expression and privacy; Civil rights in a digital society; Ownership in a digital world (e.g. rights to music, Flickr photos, YouTube videos); Cyber-crime, cyber-terrorism and cyber-bullying; Security for the digital society; Information credibility and authority in a Web2.0 world (e.g. Wikipedia)
- **Impact of the Digital Society:** How digital technology has changed the way we do business (e.g. Amazon, e-Bay, iTunes) and the way the markets work; The potential of, and issues in, using digital technology for health, education, entertainment, transport, science and governance; digital behaviour intervention: how technology may encourage people to live more healthily and sustainably; The environmental impacts of a digital society

#### **Health and Wealth of Nations**

Why do some societies become wealthier than others? Does this wealth result in healthier populations or not? This course will consider the processes which determine these outcomes. We will start by considering the nature of economic growth and development. The course will consider the origins of industrialisation, the role of trade and comparative advantage,

of specialisation in production, and the role of innovation and entrepreneurship. It will examine the history of the industrial revolution in Europe and elsewhere and consider the current state of the explanations of this. It will look at the demographic and epidemiological transitions as economies develop and the link between wealth and health, systems of healthcare provision, the economic burden of illness, AIDS and the diseases associated with affluence.

### **The Natural World**

This is an interdisciplinary course that will encourage you to engage with the natural world, both intellectually and experientially. It provides a forum for exploring different perceptions of the natural world, as well as the context and opportunity for reflection on your personal place within it.

Lectures will introduce key ideas associated with perceptions of the environment and how different groups of people describe and value nature. Each student will get to choose three fieldtrips to attend. These are intended to provide experience of different natural environments, the species within them and human interactions with them. They will also enable students to meet professionals that work in environmental education, protection and interpretation.

### **The Mind Machine**

One remarkable property of human beings is our minds. But what is a mind? How does it work? What is consciousness? Are thought and language one and the same? Are we unique among animals because of our mind? These questions fascinate philosophers, psychologists, linguists and neuroscientists alike. In the Mind Machine, we will explore these questions and many more related to the human mind and brain. Students will learn, reflect and discuss cutting-edge questions at the intersection of science, humanities and social science including: Why am I conscious? Can we use the power of the mind to heal the body? How do psychotropic drugs affect the mind and the brain? How can neurodegeneration and brain injury influence creativity? How is creativity shaped by emotional state?

This course will look at aspects of mind and brain function that would enable students to answer questions that lay people might ask.

### **Oceans and Society**

70% of the Earth is covered by Oceans, and over time, the seas have shaped our societies, fostering interconnectivity and exchange. Today, more than 40% of the world's population live within 100 km of the coast, and the oceans provide a wealth of goods and services such as food, bulk transportation or energy. But the Oceans

are also perceived as a threat. We all still remember the 2004 Boxing Day tsunami, and estimates of sea level rise triggered by climate change make uncomfortable news not only for low lying countries such as The Netherlands or Bangladesh.

During the past century our relationship with the Oceans has reached a new level. From overfishing to melting ice caps or ocean acidification, we are now changing the structure and functioning of the marine ecosystems on a global scale. This has led to the need for new, global means of governing the seas, both to combat climate change and to regulate harvesting of valuable marine resources.

In a mixture of lectures, excursions, debates, group and project work, this interdisciplinary course will explore the past, present and future relationship between Society and the Oceans.

### **Science and the Media**

The course is designed to consider the way in which different stakeholders in science present and interpret data. This has particular relevance now because we live in an "information-rich, understanding-poor" society, where the importance of being able to distinguish between "scientific fact" and "scientific fiction" is becoming more and more relevant. Media presentations can be misleading and need to be subject to scrutiny by people who understand the way in which scientific facts are established. Scientists need to be honest with the public about what they are doing and what the implications are for society generally.

In order to achieve this we will teach fundamentals of scientific method and enquiry and the way in which credible scientific evidence is constructed. We will explore the diversity of approach to establishing scientific consensus in the wide diversity of disciplines that are covered by the term science. We will also explore the way in which science can be expressed and explained depending on the audience.

### **Mankind in the Universe**

Have we yet made all of the great discoveries in science? What is next? What are the limits to knowledge, and the physical, intellectual and technological constraints on understanding the Universe?

This course takes in a 'quick tour' of the Universe, a summary of what we think we know in several key fields: physics and astronomy; biology, evolution, genetics and disease; and the climate system. The course looks at these key topics in relation to objectivity, uncertainty versus realism, and the philosophy, morality and ethics of science, in addition to their impact on

society. It also examines how our world view is shaped by values and religion, and how myth, language and science interact and affect our perception of the Universe.

### **Fearsome Engines**

A side effect of the success of modern technology is our growing insulation from engineering realities. The study of early technology will expose the student to a comprehensible, non-mathematical world without the benefits of modern sources of energy. Such a study not only reinforces the fundamentals of science and engineering, but also provides an opportunity to evaluate a variety of evidence and reach considered and logical conclusions. It is an area of study, however, which poses considerable problems for both historians and engineers. Historians are frequently confronted with sources, written, visual, or both, which render it hard to determine the exact nature of the engineering techniques used in the past, while modern engineers must develop a historical perspective to understand how engineers used the materials and knowledge which was available to them. In recent years, a number of productive projects have been undertaken to combine the skills of historians and engineers to solve mysteries of past engineering.

### **Sustainable International Development**

This course is being offered by the University of Aberdeen Centre for Sustainable International Development. It aims to provide students with an overview of the complexity of sustainable international development and the linkages between social development, economic growth and environmental protection. This will be approached through an examination of the achievement of the Millennium Development Goals (MDGs) with a specific focus on the least developed countries in Sub-Saharan Africa.

The course will begin with a historical perspective and look at how "development" has been portrayed in academic texts as well as in novels, films and music. Running throughout the course will be a focus on human rights, equity and social inclusion, good governance and resource allocation and how they are central to the sustained achievement of the MDGs. Case studies will be used to demonstrate good practice and different cultural, social, economic and political barriers to progress will be identified. The course will conclude with a focus on the need for information, systems, community participation, empowerment and political commitment for the realisation of the MDGs. By the end of the course students will be expected to have developed skills in participatory and social networking approaches and be able to engage in issues of sustainable international development as informed citizens.

### What Gives Us Rights

“Rights” is one of the most powerful yet ambiguous concepts in today’s world. So many local, national and global issues are framed in terms of rights: not just our right to vote and our human rights but our rights to health and food, clean air and water. Students will be confronted by approaches to the study of rights from across the arts, social and physical sciences, and will learn to consider and compare the different approaches, reaching their own conclusions.

The course will also consider how scientific approaches are used in the implementation of rights, for example in identifying and measuring phenomena such as disabilities, maternal mortality and cognitive stereotyping that may pose challenges to effective rights. How important, for example, is evidence-based medicine to satisfying rights to health? Or what can we learn from a social scientific study of social capital in determining constraints to access to health?

### Sustained Study Programmes

Sustained Study is designed to provide you with continual exposure, throughout the first two years of your degree course, to an area of study that is separate from your core discipline. For example, you may benefit from having a language, or perhaps some knowledge of business or science, alongside your main degree subject. Sustained Study has been offered in French; German; Spanish; Gaelic; Arabic; a Scandinavian Language; Mandarin Chinese; Business; Latin; Biblical Language; The Classical Tradition; Computing; Fit for Life and Conservation & Environment.

### Discipline Breadth Courses

Another Enhanced Study option are Discipline Breadth Courses. This option allows you to extend the scope of your study by taking just about any course in the University as long as it is not a required course for your chosen degree. You have the whole catalogue of undergraduate study subjects to choose from, with the only consideration being timetabling!

For more information on the range of courses available, please visit [www.abdn.ac.uk/registry/courses](http://www.abdn.ac.uk/registry/courses)

### The Co-curriculum

Curriculum Reform at Aberdeen is about more than just academic developments. It’s about providing our students with the opportunities to participate in extra-curricular activities that will help to make them more well-rounded individuals, more attractive to employers and with a greater skills-set. Any activities undertaken will be recorded with a view to recognising all aspects of the Co-curriculum.

The Co-curriculum complements your degree programme and includes the following opportunities: work placements, voluntary activities, enterprise, study overseas and the STAR Award initiative.

### The STAR Award

The STAR (Students Taking Active Roles) Award is organised by the University’s Careers Service and Aberdeen University Students’ Association (AUSA). The initiative rewards the contribution that many students make to the wider University community by recognising the transferable skills and competencies that you develop and enhance through your involvement in co-curricular activities. Participants include students involved in sports, societies and volunteering, as well as class representatives.

Employers are looking for evidence of attributes and transferable skills that graduates can bring to their organisation, and the STAR Award is one way you can demonstrate that you have these skills and competencies. For more information, please visit [www.abdn.ac.uk/careers/co-curriculum/staraward](http://www.abdn.ac.uk/careers/co-curriculum/staraward)

## There has never been a more exciting time to embark on studies with the University of Aberdeen.

### Work Experience Placements

The Work Placement Team, located within the University’s Careers Service, sources a wide range of placement opportunities for students. Work placements provide a great way to use the skills and knowledge gained during your studies, and to apply these in a real work setting. Placements take place in a range of companies, and previous placements have ranged from working as an intern for a political party, to oilfield chemistry, law, finance and geological surveys. Students on placement are supported by the Team throughout, from putting together their CV, to preparing for interview and having a mid-placement visit for a chat on the progress being made.

Placements are a really important way of demonstrating to a future graduate employer that you have gained the skills and experience to set you apart from the crowd when applying for graduate jobs – indeed, many of our students have impressed their placement employers so much that they have been offered a graduate job at the end of their placement.

For more information, please visit [www.abdn.ac.uk/careers/jobs/placement](http://www.abdn.ac.uk/careers/jobs/placement)

### BP Student Tutoring Scheme

The BP Student Tutoring Scheme is a voluntary initiative that places students in local primary and secondary schools. Students work alongside pupils in an allocated class for 10 weeks, gaining vital classroom experience and also acting as ambassadors for higher and further education. The scheme has been running for over 10 years and last year over 90 students participated, tutoring in over 50 schools across Aberdeen city and shire. The initiative provides an excellent opportunity for you to get involved in the local community and also enhance your employability skills.

For more information, please visit: [www.abdn.ac.uk/careers/co-curriculum/bpscheme](http://www.abdn.ac.uk/careers/co-curriculum/bpscheme)

### Enterprise & Entrepreneurship

The Careers Service works with the Scottish Institute for Enterprise (SIE) to promote the enterprise agenda at the University through events such as the Business Ideas Competition and ‘Lunch with an Entrepreneur’. These events are designed to encourage students across all disciplines in the University to become more enterprising and for some students to make the transition into entrepreneurship by creating their own businesses.

For more information, please visit [www.abdn.ac.uk/sie](http://www.abdn.ac.uk/sie)

### Study Abroad

The University actively encourages students to undertake a period of study abroad as part of their degree programme, and a wide range of opportunities exist within our ERASMUS programme, which boasts a large number of links with universities across Europe, and our International Study Abroad Programme where partners exist with universities in North America and Hong Kong.

For more information, see page 25 or visit [www.abdn.ac.uk/undergraduate/exchanges](http://www.abdn.ac.uk/undergraduate/exchanges)

**To find out more about The Difference at Aberdeen, visit our website at [www.abdn.ac.uk/thedifference](http://www.abdn.ac.uk/thedifference)  
Call: +44 (0)1224 272090/91 or  
Email: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)**





**See The Difference**

View this page through your 3D glasses!





**Our Student Support Services rank with the best in the UK with a network of support in place to help with your academic, personal and social life.**

**THE DIFFERENCE IN**

# Student Support

A young Black man with short hair and a beard is walking from left to right in profile. He is wearing a grey t-shirt and dark trousers. He is holding a silver laptop under his left arm. The background is a stone building with a window that has a decorative, arched design. The lighting is bright, suggesting it's daytime.



- > **New £57 million library**
- > **Exceptional museums, archives and special collections**
- > **Largest wireless campus in Europe**
- > **Extensive language centre**
- > **Supportive Student Learning Service**

# Learning Resources

## **New Library**

The Library is one of the largest and best equipped in the UK, offering excellent learning resources to support your studies. Designed by Danish architects Schmidt Hammer Lassen, the £57 million building is an iconic architectural landmark of North East Scotland.

The new University Library is a 21st century space for learning and research. It houses the largest of the University's modern collections on Floors 1-7 - including Arts, Humanities, Sciences and Social Sciences.

The building is open to the wider public, as well as students and staff. A wide range of facilities are available including:

- > **a Gallery on the Ground Floor for exhibitions and displays (which all are welcome to visit)**
- > **an Events Area for school visits, and lectures and presentations**

> **a Microform Room, Multimedia Room, Music Resources Room, the Teaching Resources Collection, Assistive Technology Booths and other facilities**

> **PCs on every floor**

There are also more informal areas including The Hardback Café on the Ground Floor (which is open to all), and the 'Break-out' Room on Floor 7, where students can enjoy panoramic views of the city while reading, working on a laptop, or engaging in quiet conversation.

There are over 1,200 study spaces: from traditional silent study rooms to interactive areas for collaborative projects, supported by information technology. The entire building has comprehensive wireless network coverage, and there are also sockets to plug in your own laptop throughout. A further 600 seats are available at the medical and law libraries. Also on the Old Aberdeen campus, the Taylor Library and European

Documentation Centre cover law with official UK and EU publications. The Medical Library on the Foresterhill Campus is for students of Medicine and Medical Sciences.

We have over one million volumes in our collections, from ancient papyri to electronic journals, most of which are easily accessible through our online catalogue. You'll find an extensive range of electronic resources, advice via Podcast on making best use of our collections, and, in addition to the clusters of PCs in all libraries, you can borrow wireless laptops for use within the Taylor Library or use your own wi-fi laptop via the University's wireless cloud.

The Library holds books and journals that appear on your reading lists. These are available for reference or overnight loan through our Heavy Demand service. You can also borrow from other libraries through our inter-library loans service.

[www.abdn.ac.uk/library](http://www.abdn.ac.uk/library)



### Museums & Special Libraries and Archives

As an ancient university, we are proud of our museums, archive collections and rare books, built up over 500 years and which are exceptional in their richness.

Special Libraries and Archives holds an internationally-significant collection of over 200,000 rare books, printed mostly before 1840, and 4,000 unique archive and manuscript collections. These are complemented by the University's museum collections, which include Anatomy, Archaeology, Anthropology, Art, Geology, Herbarium, History, Pathology, Scientific Instruments and Zoology. The University's museum collections are amongst the largest in the country and of national importance.

All these collections are used to support taught courses in ways not possible in most other universities, such as being involved in curating an exhibition. They are also available for individual study and enjoyment, and can provide volunteer opportunities to enhance your CV. The collections are displayed in various venues on campus, including the Zoology Museum and King's Museum.

[www.abdn.ac.uk/historic](http://www.abdn.ac.uk/historic)

### Resources for Language Learning

Our Language Centre is open to all University of Aberdeen students. It offers a broad range of audio, video, computer and

satellite television facilities, an extensive materials library covering up to 50 different languages, courses for students whose native language is not English, and all the language learning advice and support you need, whether you are studying for a degree in languages, preparing for an exchange visit, hoping to improve your CV, or are simply fascinated by other cultures and languages.

[www.abdn.ac.uk/languagecentre](http://www.abdn.ac.uk/languagecentre)

### Student Learning Service

Studying at university can be challenging. What is academic writing? How do you prepare for exams? The Student Learning Service offers workshops on these and many other topics during term-time and academic skills advice throughout the year. Specialist academic skills advice is available for students with dyslexia or other learning differences. The Student Learning Service also offers online resources, such as Improving Your Writing.

[www.abdn.ac.uk/sls](http://www.abdn.ac.uk/sls)

### Computing Services

We support a variety of web and computer-based resources, complementing your studies and allowing you to manage and review coursework at your pace and in your own time. Our students enjoy free, fast, wireless internet access in all Halls of Residence and most administrative and academic buildings across the campus.

### Service Desk

Contact the Service Desk for advice on all computing matters, including electronic resources. There is a drop-in Service Desk in the computing centre and in the Medical School library.

Email us via [servicedesk@abdn.ac.uk](mailto:servicedesk@abdn.ac.uk) and visit our web pages at [www.abdn.ac.uk/dit/servicedesk](http://www.abdn.ac.uk/dit/servicedesk)

## Key Facts

- > Free wireless internet access – in University halls and across campus
- > Secure and backed-up home filespace – 2GB on which to store your files
- > Email account for life – web-based email and calendaring service with 25GB of storage, hosted by Microsoft Outlook Live
- > Student Portal – a secure web-based portal through which you can view and check your personal details, course enrolments, timetable, accommodation fees, library loans and exam results
- > Over 1,500 high spec computers – distributed over classrooms, libraries and clusters on campus and in Halls of Residence
- > 24-hour access to some PC classrooms
- > Wide range of software and high quality printing
- > Classroom internet access – faster than domestic broadband
- > Disability provision – a range of specialist software on all classroom PCs, and five individual occupancy Assistive Technology Booths
- > Assistive technology advisers – providing support and training to ensure that disabled and non-disabled students access the same curriculum and learning environment
- > Student Liaison Officer – listening to your views and concerns, and keeping you informed about developments in IT services at Aberdeen

[www.abdn.ac.uk/dit/student](http://www.abdn.ac.uk/dit/student)



## Support for Your Studies

**Our student support services rank with the best in the UK. We aim to offer advice and information to every member of our community, and have a network of support in place to help you with your academic, personal and social life.**

You'll find student life new and exciting, but you may also find it a bit bewildering at first, especially if you are living away from home for the first time. We aim to make sure right from the start that you have access to any support you might require, from people who are easy to contact and who can give you friendly, expert information and advice.

### Advice for Your Studies

You will be allocated an Adviser of Studies (or, for Medical students, a Regent; for Education students, a Personal & Professional Adviser) who will meet you in Freshers' Week to help you to choose your subjects; he or she can also advise on changing your subjects if you're not enjoying them. Your Adviser will monitor your academic progress and will often be your first port of call if you encounter any difficulties, either academic or personal.

### Looking After Your Health

Full NHS medical services are available to students. The Old Aberdeen Medical Practice, a comprehensive NHS health practice, has many years of experience in providing advice and treatment to students. The Practice is independent of the University but located close to King's College campus in a purpose-built Health centre. The Old Machar Practice is also close to the King's College campus.

### Childcare

The campus-based Rocking Horse Nursery provides childcare for pre-school age children of students and staff. The nursery has three "departments" which cater for 0-2, 2-3 and 3-5 year-olds respectively.

### Student Support Services

Student Support Services consists of the Counselling Service and the Student Advice & Support Office, which combines a number of areas as described below.

### Student Advice and Support Office

Staff in this office provide advice and information on three broad areas: disabilities, international student matters and "general" advice and support.

The University welcomes applications from disabled students and considers applications from all students on the same academic grounds.

If there are particular disability-related issues which have had an impact on your studies, you have the opportunity to bring these to our attention on your UCAS form. Academic courses leading to professional qualifications (e.g. for Teaching, Medicine, Law) may require additional considerations but the University will always be proactive in making adjustments to remove or reduce any barriers as far as it is possible to do so. The University Disability Advisers offer support and guidance and are a first point of contact for disabled students. You are welcome to contact the Disability Advisers via e-mail or telephone to discuss your application. You may also choose to visit the University, to meet academic and support staff and to assess for yourself the facilities and support structures which are available.

### Contact the Disability Advisers:

**Tel: +44 (0)1224 273935**

**Email: [student.disability@abdn.ac.uk](mailto:student.disability@abdn.ac.uk)**

Our International Student Advisers provide specialist guidance on visa/immigration and other matters.

### Contact the International Student Advisers:

**Tel: +44 (0)1224 273935**

**Email: [student.international@abdn.ac.uk](mailto:student.international@abdn.ac.uk)**

The Student Support Advisers are based in the Student Advice & Support Office and can offer confidential and non-judgemental advice on matters ranging from personal problems and academic issues to University procedures and financial matters such as student funding.

The University can provide financial assistance to matriculated UK students, primarily from the government's Discretionary Fund, aimed at students who meet unexpected and/or exceptional financial difficulties. A Childcare Fund contributes towards the costs of formal childcare arrangements. A fund is also available to provide emergency assistance to international students.

The Student Advice & Support Office administers applications to both funds.

### Contact the Student Advice & Support Office:

**Tel: +44 (0)1224 273935**

**Email: [student.advice@abdn.ac.uk](mailto:student.advice@abdn.ac.uk)**

### Counselling

The Counselling Service is a free, confidential and professional service for students and staff who have personal, social, emotional or educational concerns. It is located in the heart of the King's College campus.

### Contact the University Counselling Service:

**Tel: +44 (0)1224 272139**

**Email: [counselling@abdn.ac.uk](mailto:counselling@abdn.ac.uk)**

### Chaplaincies

The University Chaplaincy Centre provides a meeting place for individuals and groups of any religious persuasion – or of none. A few doors away is the Roman Catholic Chaplaincy. Most other major denominations have Associate Chaplains, who can be contacted through the Chaplaincy Centre.

### Contact the Chaplaincy Centre:

**Tel: +44 (0)1224 272137**

### Our Obligations & Yours

The University has a Student Charter, which sets out the responsibilities of the University and of students, and gives details of various University policies and procedures. As a condition of enrolment in the University, all students are required to abide by the University's Code of Practice on Student Discipline, as amended from time to time. Copies are available on request from:

**University Registry, University Office  
King's College, Aberdeen AB24 3FX**

More information on Student Support is available on our website:  
**[www.abdn.ac.uk/student-support](http://www.abdn.ac.uk/student-support)**

## Study Abroad

**Widen your horizons! Our numerous international connections offer opportunities for many of our students to study abroad for part of their degree.**

### Study Abroad

Many Aberdeen students complete part of their degree study in another country. Some degree programmes have a built-in period of study or work abroad. Modern Languages and European Studies degrees require that you spend time in the country or countries whose languages you are studying. The degrees of Law with another European legal system also require you to spend a period of time studying abroad. Many other degree programmes offer similar opportunities. We have two major schemes to help students of most disciplines who wish to spend part of their time studying or working abroad.

### International Exchange Scheme

We currently operate exchange programmes with 13 colleges/universities in the USA, 5 universities in Canada, 5 universities in Hong Kong, and 1 university in Japan. These programmes offer opportunities to study in widely different academic and geographical environments. Our exchange partners include some of the most distinguished state universities and private colleges in their respective countries. Students normally participate in the exchange programme in their second year, which means that they apply to the programme during the first semester of their first year. All students are eligible to apply except those in Medicine, Law and Education.

The year abroad is an integral part of the student's Aberdeen degree, not an additional year. Credits gained during the exchange year are recognised by the University of Aberdeen

and incorporated into the student's University of Aberdeen academic record. During the year abroad students pay tuition fees as normal to the University of Aberdeen, and remain eligible for the same loans, awards, and bursaries as any other Aberdeen student, making the scheme quite affordable.

Further information is available by contacting the Student Recruitment and Admissions Service:

**Email:** [studyabroad@abdn.ac.uk](mailto:studyabroad@abdn.ac.uk)  
**www.abdn.ac.uk/undergraduate/exchanges**

### The ERASMUS Exchange Programme

The ERASMUS exchange programme\* allows a student to study or work in another European/EEA country as part of their degree programme. This means that the time spent abroad is not an additional period of study and the academic credits gained abroad will count towards the student's Aberdeen degree.

We have exchange links with a large number of universities across Europe. Opportunities available depend on the degree programme and students can study abroad with most subjects. It is possible to participate even if you do not speak another language as a number of our partner universities teach through English. Others require visiting students to have a good command of their language.

Study or work placements are normally for one semester or a full academic year. Most students apply in their first year to study abroad in their second year. Students undertaking a period of residence abroad as a requirement of a degree in Modern Languages, European Studies or Law with

another European legal system will study abroad in their third year.

If you are studying for a degree in Modern Languages, you may also apply to work as a Language Assistant or undertake a work placement. If you study or work abroad with the ERASMUS programme you will be able to apply for an ERASMUS Mobility Grant to help with extra costs while abroad. You will not pay tuition fees to your host university.

Every participating subject area has a Coordinator who provides academic advice to students interested in taking part in the ERASMUS programme. The ERASMUS Unit provides practical guidance and support throughout the application process and during your period of study abroad.

Further information is available by contacting the ERASMUS Unit.

**E-mail:** [erasmus@abdn.ac.uk](mailto:erasmus@abdn.ac.uk)  
**www.abdn.ac.uk/erasmus**

\*The University of Aberdeen gratefully acknowledges the European Union's support of the ERASMUS programme.

### Non-graduating or Visiting International Students

We welcome visiting students from the United States of America, Canada, Hong Kong, Japan, Singapore, the European Union and indeed, all over the world. A wide range of courses are available, with the exception of Clinical Medicine. Further information, including application forms, is available online at

**www.abdn.ac.uk/international/exchanges**

**'Study Abroad gives you the opportunity to experience living in another culture and enhance your employability by adding to your CV.'**

# Financial Support

**Our money adviser can help students with personal budgeting and the University offers extra help in the form of scholarships for new undergraduate students.**

If you are a Scottish student domiciled and studying full-time in Scotland, support for your living costs while at university comes from a means-tested system of repayable loans and non-repayable grants.

Provided that you have not had tuition fees paid for a previous course, and you are not repeating part of your programme, you do not, however, have to contribute towards the costs of your course.

Also, the Scottish Parliament has now passed the Graduate Endowment Abolition (Scotland) Act 2008. This means that current and future Scottish and EU students, as well as those who graduated on or after April 1 2007, will no longer have to pay that charge, previously levied on students graduating from Scottish universities as a contribution towards the funding of means-tested bursaries for poorer students.

If you come to study in Scotland from elsewhere in the UK, you will be liable to pay tuition fees; but you will be able to borrow this and repay it after graduation, just as you would if studying in England, Wales or Northern Ireland.

The University of Aberdeen's tuition fee for students from England, Wales or Northern Ireland in 2012 is £9,000 per year for all of our full-time undergraduate degrees. However, no student will pay more than £27,000 for a full four-year Honours degree programme (with the exception of enhanced degrees and Medicine and Dentistry). This means that students studying with us will pay no more for their degree programme at Aberdeen than they would for a three-year degree at universities of similar standing across the rest of the UK. Please check our website for up-to-date tuition fee information [www.abdn.ac.uk/undergraduate/finance.php](http://www.abdn.ac.uk/undergraduate/finance.php)

Students from England, Wales and Northern Ireland can apply to the Student Loans Company for a tuition fee loan. This tuition fee loan is paid directly to the University by the Government and students only need to start repaying the loan once earning over £21,000 after graduation, with all outstanding debt written off after 30 years.

Students from England, Wales and Northern Ireland are encouraged to apply for specific Scholarships, allowing students from the rest of the UK to receive up to £6,000

per annum additional funding. For more information, please visit [www.abdn.ac.uk/undergraduate/ruk.php](http://www.abdn.ac.uk/undergraduate/ruk.php)

For Scottish-domiciled students, the first step to finding out more about, and applying for, financial support, is to contact the Student Awards Agency for Scotland.

Students from England should contact Student Finance England, those from Wales are currently required to apply through their Local Authority, and students from Northern Ireland through the relevant Education and Library Board. For general information about finance for new students, including Student Loans, contact:

### Students from Scotland

Students Awards Agency for Scotland (SAAS)  
Gyleview House, 3 Redheughs Rigg,  
Edinburgh, EH12 9HH  
Tel: +44 (0)300 555 0505  
Web: [www.saas.gov.uk](http://www.saas.gov.uk)

### Students from England

Student Finance England  
PO Box 210  
Darlington, DL1 9HJ  
Tel: +44 (0)845 300 5090  
Web: [www.direct.gov.uk/studentfinance](http://www.direct.gov.uk/studentfinance)

### Students from Wales

Student Finance Wales Contact Centre  
Tel: +44 (0)845 602 8845  
Web: [www.studentfinancewales.co.uk](http://www.studentfinancewales.co.uk)

### Students from Northern Ireland

Student Finance  
NI Customer Support Office  
Tel: +44 (0)845 600 0662  
Web: [www.studentfinancenl.co.uk](http://www.studentfinancenl.co.uk)

### Non-UK Students from the European Union

If you are a student who comes from, and are a national of, a country in the European Union, and are taking a complete undergraduate degree course at the University of Aberdeen, then provided you are not repeating part of your course, you are treated in the same way as a Scottish student and should be eligible for payment of tuition fees from UK public funds while you are studying. To find out more contact the Student Awards Agency for Scotland (SAAS). Contact details as above.

### International Students

If you are a student coming from outside of the EU, you will be classed as an International Student. For financial information for International Students see page 30.

### Part-time Students

Students registered part-time do not qualify for the automatic payment of fees and

means-tested assistance with living costs available to full-time students. Part-time students on degree-qualifying courses may, however, be eligible for fee waiver if on a low income, unemployed, or in receipt of certain state benefits.

Scottish-domiciled students who qualify for 'independent' status and are undertaking 50% or more of a full-time load (at least 40 credit points) may apply for a means-tested non-repayable grant of currently up to £500 per year which is paid directly to your institution to help towards the cost of your tuition fees. Contact the SAAS, or the relevant Student Finance partnership in England, Wales or Northern Ireland for further details.

### Scholarships for English, Welsh and Northern Irish Students

If you are a student applying from England, Wales or Northern Ireland you may be entitled to financial support through our Access and Merit scholarships outlined below.

The University of Aberdeen is committed to attracting the very best students, regardless of financial circumstances, which is why we offer a large number of scholarships to undergraduate students. These are designed to provide assistance to help students support themselves during their time at university and also aim to reward academic excellence.

Our Scholarships are available based on two criteria "Access" and "Merit". Scholarships based on "Access" are there to support those who may otherwise struggle to meet the cost of studies while "Merit" scholarships are designed for those who have shown considerable academic potential in their A Level results. Students meeting the criteria of both scholarships are entitled to receive both payments, potentially £6,000 per annum. These scholarships are available in addition to applicable Government loans and grants and are automatically awarded to those who meet the criteria, so there is no need to apply.

For more information visit [www.abdn.ac.uk/undergraduate/scholarships](http://www.abdn.ac.uk/undergraduate/scholarships)

### Entrance Scholarships

Each year, the University of Aberdeen awards Entrance Scholarships for undergraduate study. Most scholarships are worth £1,000 per year for each year of study, so if successful, you will have an additional £3,000 to £5,000 - depending on the length of your degree course - to support you. The award of a scholarship does not affect the amount you can borrow under the loan arrangements or other entitlements from public funds.



Entrance Scholarships are available for all areas of study. There are two categories: Access Scholarships are for applicants who have the potential for successful degree study, but who might be deterred by financial or personal circumstances from taking up a place at Aberdeen; Merit Scholarships are awarded on the basis of achieved and/or predicted performance in public examinations, or other evidence of academic distinction.

#### Who is Eligible?

All UK-domiciled applicants who are eligible for Home Fees, and are applying for a full-time undergraduate degree course at the University of Aberdeen, can apply.

Applicants do not have to be UK nationals, and will be given equal consideration whatever their sex, race, religion or subject interest.

Scholarships are only available to those who are offered and firmly accept a place at Aberdeen; however, those who have submitted a UCAS form but have not yet received an offer from the University are welcome to apply.

Scholarship information is usually updated each October. The application deadline is April, and successful applicants are informed in June.

Information about University of Aberdeen Entrance Scholarships and Application Forms, together with guidance on how to complete them, are available on the University website at [www.abdn.ac.uk/undergraduate/entrance-scholarships](http://www.abdn.ac.uk/undergraduate/entrance-scholarships)

Applicants should read the guidelines carefully before submitting an application, which can be made online, or by completing a downloaded paper application form and sending it by post. Applications can only be considered if supported by a reference.

#### The Scholarship Panel

Scholarship applications are assessed, and awards made, by a panel including representatives of the Student Recruitment and Admissions Service and the University of Aberdeen Development Trust. The panel includes members of academic and administrative staff with experience of student finance and welfare issues.

#### University Scholarships

A number of scholarships are made available each year to students at the University.

For more information, visit [www.abdn.ac.uk/undergraduate/scholarships](http://www.abdn.ac.uk/undergraduate/scholarships)

#### AUSA Student Advice Centre

With money issues still relevant whilst at University, many students rely on part-time and vacation work to support themselves. Our Student Advice Centre can help you find part-time work as well as offering other employment advice. Advertised work does not exceed 15 hours per week, except during vacations.

To learn more visit the Aberdeen University Students' Association website at [www.ausa.org.uk](http://www.ausa.org.uk) or phone us on **Tel: +44 (0)1224 272828**

#### Money Adviser

The independent Money Adviser, in conjunction with the Students' Association, offers a range of free services, including help to balance your budget and individual consultations on specific financial problems.

#### University Service Units

##### Aberdeen Royal Navy Unit

The Universities' Royal Naval Unit educates a wide spectrum of undergraduates in the role of, and need for, the Royal Navy. Successful applicants can join the Unit as Officer Cadets (RNR) for the duration of their degree course. Instruction in nautical subjects and leadership training is provided offering the opportunity of completing a City and Guilds 'Leadership' award. Theory is put into practice onboard the Unit's dedicated Fast Patrol Boat 'HMS ARCHER'. Training weekends are conducted at local ports and deployments further afield around the UK and abroad are during Easter/Summer vacations. Unit members are paid for all training activities.

##### The Officer-in-Charge

University of Aberdeen  
Royal Naval Unit, Gordon Barracks  
Bridge of Don, Aberdeen, AB23 8DB  
**Tel: +44 (0)1224 822663**  
**Email: [aurnu@abdn.ac.uk](mailto:aurnu@abdn.ac.uk)**  
**[www.aurnu.co.uk](http://www.aurnu.co.uk)**

##### Officer Training Corps

The Universities' Officer Training Corps provides leadership development through military and adventure training, supplemented by sport and an active and popular social programme. Enlistment is open to male and female undergraduates. Training occurs on Tuesday nights and at weekends. A two-week Annual Camp is held in the summer, and an optional adventure training deployment takes place during spring. At least three expeditions overseas are mounted each year, and you can also go on attachments to Army units around the world.

#### The Adjutant

Aberdeen UOTC, Roy Strathdee Building  
152 Don Street, Old Aberdeen, AB24 1XQ  
**Tel: +44 (0)1224 483861**  
**Email: [auotc-adjt@tanet.mod.uk](mailto:auotc-adjt@tanet.mod.uk)**  
**[www.army.mod.uk](http://www.army.mod.uk)**

#### University Air Squadron

The East of Scotland Universities' Air Squadron is part of the Royal Air Force and fosters an interest in aviation and the RAF. Membership is open to both male and female undergraduates, who normally join for a period of two years. Members receive approximately 10 hours per year of flying training free of charge, and are introduced to the variety of branches of the RAF. Training is free, in most cases paid and is conducted at RAF Leuchars, near St Andrews. All students participate in general service training, and sport and social events, including adventure training and expeditions. Aspiring members should get in contact no later than the Freshers' Fair.

#### The Officer Commanding

East of Scotland Universities' Air Squadron  
RAF Leuchars, St Andrews, Fife, KY16 0JX  
**Tel: +44 (0)1334 839471 Ext 7718**  
**Email: [uas-adj@leuchars.raf.mod.uk](mailto:uas-adj@leuchars.raf.mod.uk)**

**'Knowing I was able to enjoy myself without worrying about the financial constriction I would have faced, made the difference between a good year, and the truly enjoyable year I have experienced'**

**Craig Parkin**  
Current History student



**See The Difference**

View this page through your 3D glasses!



# International Students

- > **Cosmopolitan student and staff community**
- > **120 nationalities**
- > **Active International Student Society**
- > **Excellent English Language Support**
- > **New Foundation Programme pathways**



**Aberdeen has a long tradition of welcoming international students from all over the world. We have a large international community with students and staff drawn from over 120 different countries, making Aberdeen their home away from home.**

If you are an international student, and you wish to take a full undergraduate degree course you must, like all UK students, apply for entry through UCAS. Our International Office and Admissions staff within our Student Recruitment and Admissions Service are happy to advise and help you before, during and after applying to study at Aberdeen.

Email: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)  
[www.abdn.ac.uk/international](http://www.abdn.ac.uk/international)

#### **Country-Specific Information**

International Students can find further country-specific information at [www.abdn.ac.uk/international/in-my-country](http://www.abdn.ac.uk/international/in-my-country)

#### **Student Support**

Once you have arrived in Aberdeen, staff in our Student Support Services are available to give confidential advice, information and support on a wide range of topics. Our International Student Advisers are professionally trained to provide specialist advice on visa and immigration matters.

Tel: +44 (0)1224 273935

Email: [student.international@abdn.ac.uk](mailto:student.international@abdn.ac.uk)  
[www.abdn.ac.uk/students/international](http://www.abdn.ac.uk/students/international)

#### **Social Life**

The International Student Society organises an active programme of social events throughout the year to give students the opportunity to experience Scottish life and traditions.

The programme includes day and weekend trips around Scotland. There are also a number of other active cultural societies on campus and further information is available from the Students' Association.

[www.ausa.org.uk](http://www.ausa.org.uk)

#### **Fees and Living Expenses**

Fees payable by students not entitled to support from UK public funds vary according to the degree being taken. For 2012-2013, the annual fees for international students were:

- > **£11,000 for undergraduate Arts-based subjects (incl. Law and Divinity)**
- > **£14,000 for undergraduate Science-based courses (including Psychology)**
- > **£24,500 for all five years of a Medical degree**

Tuition fees are subject to annual review, and normally rise at least in line with



inflation each year. Tuition fees must be paid on registration at the University at the start of the academic year. Students can either pay in full, or make an initial payment followed by a number of instalments.

More information on payment of tuition fees can be found at [www.abdn.ac.uk/registry/tuitionfees](http://www.abdn.ac.uk/registry/tuitionfees)

In line with UKBA advice we advise on budgeting for £800 a month on top of tuition fee costs to cover living expenses throughout the duration of your study in Aberdeen. For more information please visit [www.abdn.ac.uk/international/finance.php](http://www.abdn.ac.uk/international/finance.php)

*Please note, this is subject to change in accordance with the UKBA and immigration rules.*

### Working Part-Time

International Students with a Tier 4 student visa granted for study on degree programmes should be able to work up to 20 hours per week during term-time. Our International Student Advisers will be able to check your permission to work once you are in the UK if you are unsure. Part-time work cannot be relied upon as a means to fund your studies.

### Accommodation

All international students are guaranteed a single occupancy place in a University Hall of Residence for at least the first year of study as long as you apply by the deadline. If you prefer private accommodation, you should arrive in Aberdeen in plenty of time before the start of the session to look for somewhere suitable. The Students' Association and the Accommodation Office will be able to give you details of solicitors and private letting agents.

[www.abdn.ac.uk/accommodation](http://www.abdn.ac.uk/accommodation)

### English Language

The University sets minimum entry requirements for your level of English to ensure you have sufficient language skills to cope with your studies. For details of our English language requirements please visit [www.abdn.ac.uk/international/english-requirements](http://www.abdn.ac.uk/international/english-requirements)

### English Language Support

The Language Centre offers English courses and workshops throughout the year to support your studies. If you have not quite met the direct entry requirements, there is the possibility to study on one of our summer school programmes. The length of the programme will depend on your level of English. If you have met the direct entry requirement but feel you would like to come early to further develop your language and study skills, the University offers a four-week intensive course in English for Academic Study in August/September which aims to help

you develop your ability to use English in an academic environment. The course provides a good opportunity for you to settle in, get to know other students and become familiar with the city and the University before the start of the academic year.

[www.abdn.ac.uk/languagecentre](http://www.abdn.ac.uk/languagecentre)

### Foundation Programmes

The University has created a number of specially designed International Foundation Programmes which can help students enter the University. Pathways are available in **Biological Sciences, Chemistry, Computing Science, Engineering, Mathematics** and **Psychology**. See page 66 for more information.


[www.abdn.ac.uk/international/foundation-programmes](http://www.abdn.ac.uk/international/foundation-programmes)

### Immigration

Please note it is your responsibility to check visa requirements and apply for a visa before you travel to the UK. Any information we provide is for guidance only. It is important to check all immigration requirements before travelling as those without the necessary visa will be refused entry to the UK.

You should make sure you plan well in advance. For the most up-to-date information and guidance please visit:

[www.ukba.homeoffice.gov.uk/visas-immigration/studying](http://www.ukba.homeoffice.gov.uk/visas-immigration/studying)

 [aberdeeninternational](https://www.facebook.com/aberdeeninternational)



# Careers

**Studying for a degree will enable you to develop yourself, your skills and ideas in many new ways. The Careers Service is here to help you make the most of your experience and to support you in taking the next step: making your career ideas a reality.**

## Exploring Your Options

Whether you already have firm plans for your future or not, we can help you to make informed career decisions and give you the practical support you need to secure a graduate job or a place on a postgraduate course. Our team of professional Careers Service staff offers you access to personal careers advice and guidance right from day one, so you can explore all the opportunities open to you during your time at Aberdeen – and beyond.

But don't just take our word for it. During your time at Aberdeen, you will have the opportunity to discuss your career plans directly with employers and Aberdeen graduates, our alumni, who have gone on to successful and interesting careers. The Careers Service organises regular events, including careers fairs, employer-led skills sessions and alumni talks for you to research a wide range of careers. You can also apply for a place on our successful Career Mentoring Programme, which can give you the opportunity to network with professionals from many different sectors, all of whom have benefited from their degree at the University of Aberdeen.

## Your Employability

At the University of Aberdeen, employability is at the heart of what we do. The Careers Service works closely with academic colleagues to develop bespoke programmes for your chosen area of study – and for every year of your studies. Many degrees offer integrated and assessed careers-related courses, including preparation for industrial placements. In addition, you can choose to earn some of your academic credits through work-related and career planning courses such as our second-year course, "Career Development: Find your Direction".

## Developing Your Skills

In this competitive market, a degree is not enough. Employers expect a range of skills from graduates and there are many opportunities for you to develop these during your time at the University of Aberdeen. You can become involved in one of the many sports clubs or societies, volunteer in the local community, for example, as part of the BP Student Tutoring Scheme, or even develop ideas for your own business. These activities are not just fun but also develop many valuable skills for you and will contribute to your achievement of the Aberdeen Graduate Attributes.

Our STAR (Students Taking Active Roles) Award recognises just how important your achievements outside your studies are and, along with other activities, it will appear on your transcript to allow you to demonstrate your achievements to employers.

> **91% graduates in work/  
further study after 6 months**

> **Top companies headhunt**

> **Graduates enjoy some  
of highest UK starting salaries**

> **Career mentoring and  
Aberdeen Internship**

> **STAR Award**

## Work Experience

According to a recent survey, more than a third of jobs for new graduates are taken by people who have already had work experience with that employer. At the University of Aberdeen, we have worked hard to build close links with employers – ranging from small local companies to multi-nationals – who recruit our graduates and offer that all-important work experience to our students.

The Careers Service has a dedicated Work Placement Team who source opportunities exclusively for University of Aberdeen students, so you can get ahead of the competition. We have also developed our own work placement programme within the University, the Aberdeen Internship, which was recently nominated for "Work Placement of the Year" by the National Council for Work Experience.

## A World of Opportunities

At the University of Aberdeen, we want to give you every opportunity to broaden your horizons and develop the skills and attributes you will need to build a successful career. Whether you want to discuss your career ideas, find opportunities to enhance your CV, need practical help with making applications or would like to take part in an exchange to another university – the Careers Service is here to support you throughout your studies.

To find out more about the services we offer, visit our website or come and see us in the Hub during Open Days and visits.

[www.abdn.ac.uk/careers](http://www.abdn.ac.uk/careers)



**At Aberdeen you'll find study options to suit your academic interests, and social and leisure activities that will contribute to your enjoyment and personal growth.**



**THE DIFFERENCE IN**

# Student Life





...FROM REIDO AND JOHNNY DEE  
**ELEVEN TILL 2AM**  
**DRUMMONDS**

plus  
**Wednesday**  
Drummo  
...at Dr  
...big

- > **Guaranteed accommodation**
- > **Catered and self-catered options**
- > **Hillhead student village**
- > **Experienced Student Accommodation Office**
- > **Community Liaison Officers**

# Accommodation

**Starting university and becoming involved in academic life can be an exciting experience. It is a real opportunity to meet new people, make friends and for some of you to have your first taste of living independently, away from your family.**

Some of you might be a little apprehensive about leaving what you know. That is where our Student Accommodation Office comes in. We are here to help you find a suitable place to live and our experienced staff know how important it is to help you with the formalities involved. Living in accommodation with other students can give you a great start at university. You will make new friends during the first few weeks and these friends will stay with you throughout your university life and beyond.

If you're a new student, we guarantee to find you a place in our portfolio of accommodation, which includes Unite's Spring Garden and King Street Exchange complexes, provided your application reaches us by the deadline.

From late May onwards, applicants who have firmly accepted an unconditional or conditional offer of admission, will be

able to apply online for accommodation up to the application deadline. If you are a late applicant, you should telephone the Accommodation Office to find out what is still available. We will try to find a place for you, though we cannot guarantee that you will be allocated University accommodation.

The University does not offer accommodation for married/family students, but the Students' Association advertises private accommodation and further information can be obtained by emailing [infoadvice@abdn.ac.uk](mailto:infoadvice@abdn.ac.uk)

## Halls of Residence

We offer a wide range of accommodation with wireless network throughout and all have facilities for disabled students. We have Crombie-Johnston Hall at the heart of the campus; this accommodates approximately 400 first-year students in single study-bedrooms, with meals provided in the Hub. Hillhead Halls is the student village on the bank of the River Don, with 520 en-suite and 1655 standard self-catering rooms. Student facilities include a shop, launderettes, floodlit all-weather tennis courts and a football pitch. A frequent bus service runs to the main campus and the city centre.

## New Accommodation

The University's accommodation strategy continues to raise the quality of student accommodation to a standard which will seriously compete with accommodation at any other British institution. The first phase of the project, opened in 2008, comprises a four-storey development with 520 en-suite bedrooms, each of which shares a full kitchen and living room area at Hillhead Halls. The project is in partnership with Unite. Now that this phase is complete, the University plans to rebuild and refurbish the remaining stock on the Hillhead site.

## Community Liaison Team

If you need information or advice when you're living in Halls of Residence, help is at hand from our Community Liaison Officer, supported by a team of Student Residents' Assistants (SRAs). Their job is to ensure your well-being and to help you get the most out of communal life.

## Costs

Up-to-date information on University accommodation, including costs, is available from the Accommodation Office. You can also find out more by visiting our website at [www.abdn.ac.uk/accommodation](http://www.abdn.ac.uk/accommodation)

## FAQ's

### 1. When do I apply for accommodation?

From late May onwards, applicants who have firmly accepted either a conditional or an unconditional offer of admission will receive information on how to apply for halls of residence.

### 2. When do I get my keys?

Most students move in on the Saturday before the start of the academic year.

### 3. What are my options if my accommodation requirements are less than a full academic year?

Limited short-term lets are available, for example, 1 term, 1 semester, 2 terms.

### 4. Are part-time students entitled to accommodation?

Full-time students are given priority but it is often possible to accommodate part-time students too.

### 5. How do I pay my rent?

Rent is normally paid at the start of each term. Alternatively, arrangements may be made by individual agreement with the Finance Section, to pay on a monthly basis.

### 6. What if I am unhappy with my accommodation?

If your query is about the room itself, services or utilities offered, contact the Hall Management. If your query is about the possibility of a room move, go to the Accommodation Office, complete a transfer request form and your request will be reviewed. Please note, an administration charge of £25 is payable upon acceptance of the transfer.

### 7. Is there a deadline for accommodation applications?

Yes, usually in August, although it is recommended that you book as early as possible. Accommodation applications received after the deadline cannot be guaranteed.



# University Sport

- > £28m Olympic standard sports village
- > Aquatics Centre opening in 2014
- > Over 50 sports clubs
- > Sports coaching
- > Extensive sports scholarships

Whether a budding sports star of the future or just an occasional exerciser, it is the most exciting time in the University's history for those interested in sport, exercise and health. In August 2009, phase 1 of a new £28 million flagship sports facility opened, in partnership with Aberdeen City Council and supported by sportscotland. These first-class sports facilities, backed up with an array of excellent services, provide the ideal venue for a range of activities, available to all students, at all levels.

#### Facilities in the Sports Village include:

- > Full size, 3rd Generation FIFA-approved indoor football pitch
- > IAAF-approved indoor athletics area with 135 metre running straight, throwing and jumping areas, and free-weights zone
- > Large multi-purpose sports hall
- > 4 squash courts (2 glass-backed)
- > Large state-of-the-art fitness suite and performance gymnasium
- > 2 studios
- > IAAF-approved outdoor athletics area comprising 400 metre outdoor track, jumping and throwing areas, and stadium
- > Full-sized grass football pitch
- > Floodlit water based hockey pitch
- > Performance and well-being Centre, with physiotherapy clinic
- > Crèche, café and spectator seating

The next phase of the facility, Aberdeen Aquatics Centre, is currently in development and is expected to open in January 2014. This world-class facility will include a 50-metre, 10-lane Olympic-standard swimming pool, an international-standard diving pool with moveable floor, a land conditioning suite, and a health suite, and will be located adjacent to Aberdeen Sports Village.

#### Services provided include:

A full programme of traditional and innovative group exercise classes that cater for a wide range of tastes and levels of ability - from novice to advanced, including morning, lunchtime and evening classes such as sports conditioning, TRX, boxfit, body conditioning, gliding, step and studio cycling. Additionally, a range of specialised courses is on offer including pilates, yoga and Kettlebells training.



Extended services are provided by ASV's Fitness Consultants and the University's Sport & Exercise Team including personal advice on all aspects of fitness and training, health-related fitness, nutrition and weight management, fitness assessments, body fat analysis and one-to-one fitness programming, pilates and strength and conditioning training.

The facility has enabled the North of Scotland to play an integral part in the run up to the London 2012 Olympic Games through the hosting of Cameroon's Pre-Games Training Camp. It will also facilitate the city's involvement in the 2014 Commonwealth Games. It is a regular training ground for elite athletes and allows sports stars of the future to achieve their full potential and compete at the highest level. Add to this a vibrant and growing Sports Union with over 50 sports clubs, 3,500 members, numerous events and six intra-mural leagues. We look forward to greeting students for a sporting experience second to none.

Students and staff automatically obtain use of the facility and services at a reduced rate. A flexible membership scheme also exists.

[www.aberdeensportsvillage.com](http://www.aberdeensportsvillage.com)

#### Other Sports Facilities

##### King's Pavilion and Playing Fields

The King's Pavilion contains the current swimming pool, a strength and conditioning suite, and changing facilities. The attractive outdoor playing fields boast two rugby pitches, a lacrosse pitch, an artificial cricket wicket, as well as a single tennis court and three additional tennis courts, which double as a floodlit training area for football during winter.

##### Balgownie Playing Fields

Situated two miles from the King's campus in the Bridge of Don, Balgownie plays host to a number of football, rugby and shinty teams, providing extensive pitches and changing rooms.

##### Hillhead Centre

Situated approximately one mile from King's campus next to the Hillhead Halls of Residence, the Hillhead Centre boasts a full-size grass football pitch, a full-size, sand-dressed synthetic pitch suitable for 7-a-side football and hockey, a grandstand and changing facilities.

##### Sports Union

We also have a boathouse on the banks of the river Dee which serves the thriving rowing club, as well as a climbing bothy in Royal Deeside.

Aberdeen boasts the second largest number of clubs of any Scottish University and are proud to offer competitive sport aimed at beginner level all the way up to international. Most clubs compete regionally, in British University & College Sport (BUCS) and Scottish Student Sport (SSS) leagues against teams from any of 150 other Universities across the UK.

Alongside supporting our sports clubs, the Sports Union runs a series of one-off events and competitions throughout the year. We start with the Ironman challenge in October and then really get going after Christmas with the Sports Ball, Boat Race, Granite City Challenge and Superteams competitions. The annual Blues Ball hosts around 600 guests to celebrate the year's sporting achievements. Our showcase event is Superteams, a multi-discipline event which attracts over 500 participants and is designed for those wishing to enjoy a light-hearted, fun-filled day of sport with a healthy element of competitiveness!

There is a friendly rivalry with The Robert Gordon University (RGU), culminating in the annual university Aberdeen Asset Boat Race and Granite City Challenge in March, in which all University of Aberdeen teams compete against their RGU counterparts.

We stay busy after Easter too with big one-day tournaments in Rugby 7s, Football 6s and Hockey. If you want to play sport, we've got something for you.

#### Sport and Exercise Team

Our professional team consists of highly qualified and experienced staff including sports scientists and physical education teachers. We provide excellent sporting, and health and fitness-related services for students, staff and members of the public. The team provides first-class instruction

of exercise classes, from fitness pilates through to specialist sports conditioning, for all levels of participant. The team also boasts a diverse range of sporting expertise, including Strength and Conditioning (coaching for the Scottish and Local Institutes of Sport), and extensive experience in coaching a variety of sports, from recreational to elite level.

#### Sports Scholarship and Bursary Scheme

On an annual basis we provide support for high performance athletes through our Bursary and Scholarship Schemes. This allows us to provide strength and conditioning, physiotherapy support and a seminar programme as well as financial support for up to 20 sport bursars who will be competing at, or close to national level, in their chosen sport. We are also proud to offer the John Robertson Scholarship and the George Yule Sports Scholarship, which provide support of up to £3,000 and £1,250 per annum to two outstanding athletes during their studies at the University.

#### How do I find out more?

For more information please visit our websites:

**University Sport & Exercise Team**  
[www.abdn.ac.uk/sportandexercise](http://www.abdn.ac.uk/sportandexercise)

**Aberdeen Sports Village**  
[www.aberdeensportsvillage.com](http://www.aberdeensportsvillage.com)

**Sports Union**  
[www.ausa.org.uk/sport](http://www.ausa.org.uk/sport)



# Students' Association

- > Over 120 societies
- > Advice and support
- > University newspaper and student radio
- > Students' charities campaign
- > Get involved!

**The Aberdeen University Students' Association (AUSA) is the organisation that represents and serves students interests on campus, and works to make your time in Aberdeen as happy, enjoyable and productive as possible.**

#### **Advice & Services**

AUSA attempts to alleviate student hardship through the provision of its services. It has a Student Advice Centre to answer all your important questions from healthcare to bus routes and everything else in between. AUSA also provides a money advice service, which can help you manage your money and help keep you out of debt. The Centre provides a comprehensive resource of private accommodation which is also available online. AUSA is able to provide advice on contracts, landlords and living on your own for the first time.

AUSA also hosts a comprehensive overnight support service called Niteline, which is a confidential listening and information service run by trained volunteers. AUSA runs a part-time job service and a Volunteering service which helps you find part-time work and volunteering opportunities to enhance your CV.

#### **Societies and Student Activities**

AUSA runs over 120 societies. All of them are different and have something to offer every taste. There's no reason not to get involved!

AUSA has a plethora of activities going on at all times and runs successful 'Give it a Go' sessions throughout the year. Students can take part in one-off activities on campus or try out the activities of a particular society before deciding to become a full member. All current societies hold regular events and socials which offer a fantastic opportunity to meet like-minded students.



AUSA also runs a Climate Change project which allows students to get involved in helping students reduce their carbon emissions and make others aware of climate change issues.

### **Sporting Competition**

AUSA is very proud of its sporting achievements, with many of its students actively participating in one of its many sports clubs. Successes have been achieved in a wide variety of sports: British University medals have been won in rowing, boxing, shooting, climbing and athletics; and in team events such as volleyball, golf, fencing, rugby and tennis. The University has an excellent record in the Granite City challenge, where our students compete fiercely against our local rivals: The Robert Gordon University (RGU). If you don't want to compete, AUSA organises a wide range of non-competitive clubs, intra-mural leagues and one-off sporting events.

### **Representation**

AUSA works at many levels to represent students. The AUSA Sabbatical Officers are there to help you with any problems you may encounter during your time at University and are your elected representatives. They work hard to ensure the student experience is as good as it can be and that the student voice is heard at all levels in the University.

Class Representatives work with AUSA to raise any course related issues and student representatives sit on a wide variety of committees to make sure that student opinion is taken into consideration

in key decisions. Externally, the Students' Association works with the National Union of Students (NUS) to fight hard on national and international issues like welfare, education funding and equality.

### **Student Media**

The University of Aberdeen has its own radio station, Aberdeen Student Radio, and is one of the only institutions in the UK with a free fortnightly newspaper. This comes in the form of *Gaudie*, totally run by students, for students, which reports on news from the University and the wider world.

### **Aberdeen Students' Charities Campaign**

Aberdeen Students' Charities Campaign is a collection of students from across Aberdeen who raise huge amounts of money for local charities through a variety of events. Two of the largest events are the Student Show, an annual musical show put on by students at the famous His Majesty's Theatre in Aberdeen, and the Torch Parade, the largest torch-lit parade in Europe involving around 2,000 students, 45 lorries and 50,000 spectators.

### **Getting Involved**

AUSA is directed by elected students, six of whom are elected "sabbatical officers", meaning they are paid to work for a year, essentially as full-time student ambassadors. It is easy to get involved with AUSA. It is incredibly rewarding, and a fantastic opportunity to meet new people. Elections are held every year, so there are regular chances to make a difference and get involved.

### **The Rector**

The Rector plays an important role in representing and supporting students, working closely with the Students' Association. The position of Rector is currently held by Maitland Mackie. The Rector is a well-respected role and sits on the University Court. This ensures that, combined with the President of the Students' Association and the Rector's Assessor (his representative within the University), there is effective student representation at Court. On a day-to-day level, the Rector holds regular surgeries for students who would like to raise a particular issue or concern. The Rector also spearheads wider campaigns, both within the University and nationally, to ensure that student life at Aberdeen continues to meet the needs of all students.

### **Events**

On a large scale, AUSA organises and host a variety of events each year including Freshers' Week and the Graduation Ball. It also hosts smaller events and campaigns such as the Superteams Sporting Challenge and various campaigns supporting students rights.

### **Aberdeen University Students' Association**

Butchart Centre, University Road  
Aberdeen AB24 3UT  
Tel: +44 (0)1224 272965  
[www.ausa.org.uk](http://www.ausa.org.uk)

## The Hub

The hub is located in the heart of campus at the University of Aberdeen and is a great place for you to meet friends, eat, shop, go online or just relax.

### Thirsty?

Grab a coffee. Get a vitamin and energy boost with a range of fruit smoothies.

### Need to Check Your Emails?

Comfy chairs, funky desks, wireless internet connection - what more could you ask for? Special sofas where you can slouch in style and pop your laptop on the arm? We've got those too.

### HubGrub. Food, Glorious Food...

How hungry are you? In a hurry? Fancy something a little bit spicy? Or just after some good old comfort food? Take a wander up to the first floor and discover what we are serving up today.

### ShopHub

Indulge in some retail therapy. Shophub gives you a huge choice of snacks, magazines, stationery, gifts and clothing. Our clothing range is full of University branded clothing, ties, hoodies and sports gear - loads of stuff to get your mitts on!

### Infohub

The Infohub is your first port of call for all student services, information and enquiries. You can drop in at any time to get key information or guidance from one of our friendly and experienced staff, or make an appointment to see a specialist adviser. As well as providing information on most student related issues, the Infohub can check your registration status, prepare student letters, provide directions, issue ID cards, help with payment queries and much more!

[www.abdn.ac.uk/infohub](http://www.abdn.ac.uk/infohub)

### It's Good to Talk

If you need to talk to someone, head to the Student Advice & Support Office where we can offer an impartial and confidential ear. The University Careers Service is also available for advice on gap year and future career planning.

There is so much more to see and do at the hub...you'll just have to come and see for yourself.

[www.abdn.ac.uk/thehub](http://www.abdn.ac.uk/thehub)

2 AUSA  
careers service

joblink &  
volunteering

1 globalhub  
hubgrub

info & advice  
centre

G cafés  
management suite  
meeting rooms  
shop



# The University and the Environment

**Almost 20,000 people create a big impact on our environment. Here at the University of Aberdeen we take this very seriously. Since 2005 the Environment Office has been working hard, putting environmental protection at the forefront of policy and practice.**

The main role of the Environment Office is to reduce the impact the University has on the environment. This means that we give advice and support to help staff and students make informed decisions on travel, energy use, water use, recycling and waste disposal. Here are some of the things we get up to:

## Travel

The University has a Sustainable Travel Plan which incorporates lots of projects and initiatives to help staff and students travel in environmentally sustainable ways. The University promotes many forms of sustainable transport from walking and cycling to public transport and car-sharing. The University also works closely with the local authority, bicycle groups and public transport operators to provide facilities and discounted rates to encourage sustainable travel.

## Energy and Water

The University has developed a Carbon Management Plan and this details the carbon emissions for the base year 2008/09 together with the target to reduce these emissions by 20% by 2014. One area where the University has reduced carbon emissions is by installing a Combined Heat and Power (CHP) plant. This provides over 50% of the electricity and over 90% of the heating for the Old Aberdeen Campus, reducing CO<sub>2</sub> emissions by over 3,000 tonnes p.a. compared to the old system. Additionally, where electricity is purchased off the grid, over 27% is green electricity.

The Carbon Management Plan details a number of additional measures to be implemented, some of which have already been completed. The latest development is that the University now has an internal web page where users can view current electricity use in buildings and details on the cost. In addition to reducing carbon dioxide emissions we place a high priority on water conservation, fitting toilet and showering facilities with a range of water saving technology and automatic controls.

## Recycling and Waste Disposal

The University currently recycles 35% of its waste and re-uses just over 1%. On campus, there are Recycling Points at two locations, at Hillhead and Crombie-Johnson, which cater for domestic waste from halls of residence including plastic bottles, glass bottles, food and drink cans, paper, cardboard and textiles. We support waste re-use in particular and actively endorse the local charities including the New Hope Trust, Oxfam and the Creative Waste Exchange.

We also have a partnership with Edinburgh based ReusingIT, donating between 400-600 phased-out PCs a year to NGOs, charities and community projects in the UK and Africa.

The University runs a thermal mug promotion called 'SMUG Mugs' where if you use a thermal mug at Tiki outlets on campus you will receive a discount on your purchase. This, along with many other initiatives, have successfully raised the profile of sustainable waste management on our campus.

## Fairtrade

The University of Aberdeen and the Students' Association have been awarded Fairtrade University status. Fairtrade gives power back to consumers who can make a difference to the lives of disadvantaged producers in developing countries by choosing Fairtrade certified products.

For more information, please visit [www.abdn.ac.uk/fairtrade](http://www.abdn.ac.uk/fairtrade)



[www.fairtrade.org.uk](http://www.fairtrade.org.uk)

Choose products with the FAIRTRADE Mark



## Able Campaign

Our impact is not just local but affects us nationally and internationally. It is so important that we encourage students and staff to adopt sustainable working practices which can also be adopted outside the University environment.

The Environment Office has developed the able campaign to highlight environmental information and initiatives. Whilst the overall task of minimising our environmental impact on the planet is huge, we can all take steps ourselves. You will see the able campaign on notice boards, e-bulletins, events and more. Check out [www.abdn.ac.uk/able](http://www.abdn.ac.uk/able) for more information.

## Follow the Environment Office top tips to becoming a sustainable student:

- > Consider walking, cycling or taking the bus to campus. One third of all journeys are less than a mile in Aberdeen
- > Try taking the train home when term finishes. Students can save a third on most rail fares
- > Switch off unused appliances
- > Report any faults such as leaking taps to the Estates Section
- > Only boil enough water in your kettle for what you want to use
- > Switch off lights when there is sufficient daylight
- > Do not obstruct radiators
- > Instead of turning the heating up put on a jumper
- > Only print what is necessary
- > Duplex print and photocopy – this can be done on campus and will save you money!
- > Use single sided scrap paper for note taking
- > Use the 'Shred-It' Recycling Points to recycle the waste paper you produce
- > Consider giving unwanted clothing to charity through the textile banks and giving other items to charity by participating in end of hall clearances

**THE DIFFERENCE FOR**

# **Our Students**

## Eilidh

LLB Law

**> What attracted you to the University of Aberdeen?**

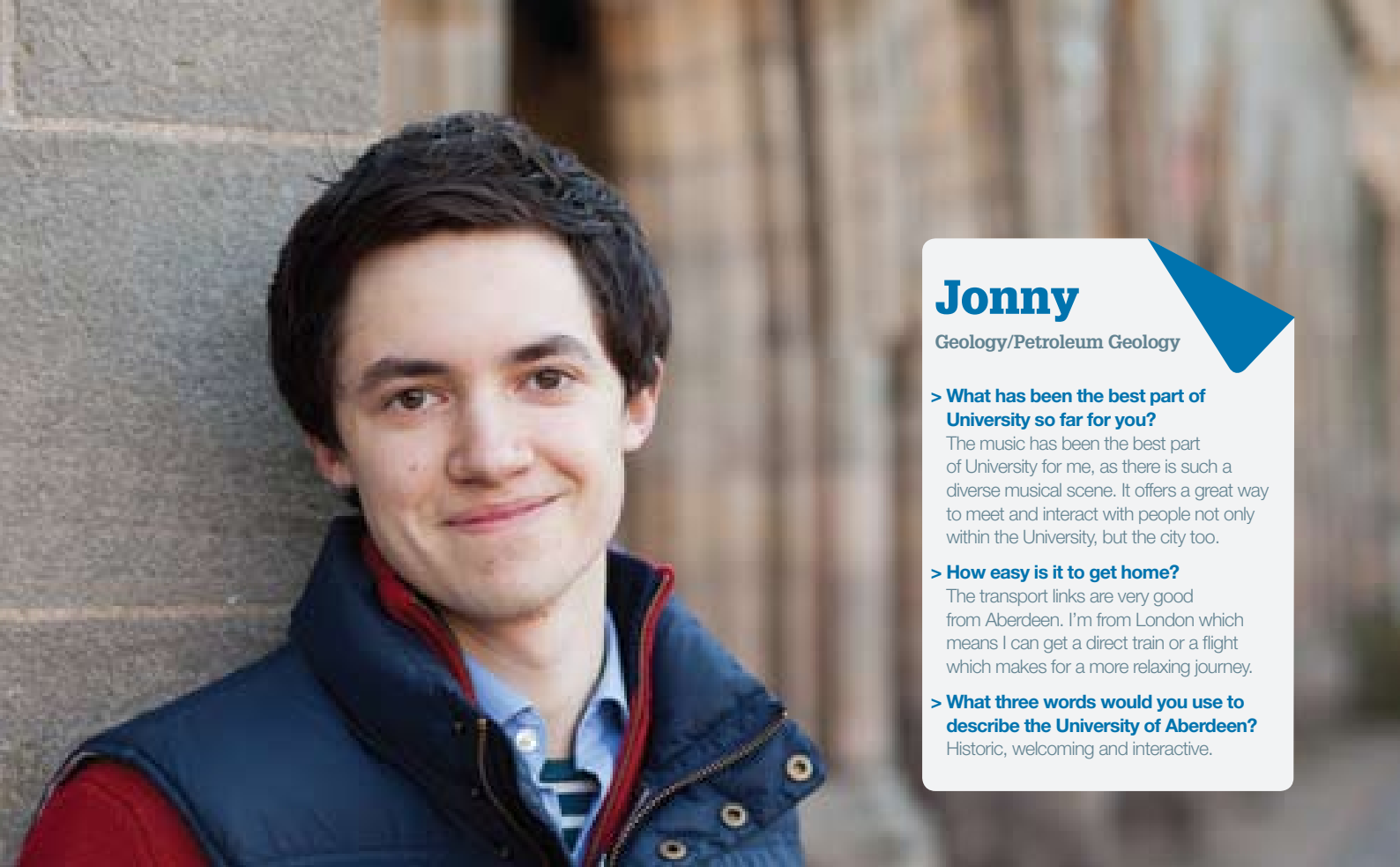
The main attraction was the fantastic reputation of the Law School. I came to one of the open days and met some of the staff and I instantly felt very comfortable here.

**> Did you enjoy Freshers' week?**

It's the best part of the year. The University organises events that everyone will enjoy, and it is the perfect opportunity to meet new people. It also helps you to get to know the city.

**> What three words would you use to describe the University of Aberdeen?**

You'll Love It!



## Jonny

Geology/Petroleum Geology

> **What has been the best part of University so far for you?**

The music has been the best part of University for me, as there is such a diverse musical scene. It offers a great way to meet and interact with people not only within the University, but the city too.

> **How easy is it to get home?**

The transport links are very good from Aberdeen. I'm from London which means I can get a direct train or a flight which makes for a more relaxing journey.

> **What three words would you use to describe the University of Aberdeen?**

Historic, welcoming and interactive.



## Kayleigh

MA Economics

> **What has been the best part of University so far for you?**

My favourite part of University life so far has been my involvement in the University swimming team – this has allowed me to meet lots of new people and make lots of new friends with similar interests. The swimming club also has a great social scene. I have also really enjoyed my experience in University halls, and my course which I feel gives me a great opportunity for independent learning.

> **What is the city like?**

It's really student orientated, which I like. But it's also quite diverse, cultured and there's lots of history to explore.

> **What is the nightlife like in Aberdeen?**

Really good – there are lots of pubs and clubs if you want to party. But there is also plenty of culture and a good choice of cinemas if you want a quiet night.

> **What three words would you use to describe Aberdeen?**

Student-oriented, friendly, multi-cultural.



A close-up portrait of a young woman with dark, curly hair, wearing a patterned scarf and a dark jacket. She is looking slightly to the right of the camera with a gentle smile. The background is a light-colored, textured wall.

## Abigail

Neuroscience with Psychology

**> What do you enjoy most about your degree?**

I really enjoy the practical aspect, as it allows us to apply the knowledge taught in lectures in a more clinical context.

**> What has been the best part of University so far for you?**

It definitely has to be the friends I've made up here, having moved from England. University brings such a wide variety of people together that you end up having friends from all over the world which makes for interesting conversation.

**> What is the city like?**

The city is vibrant and the majority of people here, both students and locals, are friendly and welcoming. It is very much an up and coming city with development of shops and clubs and bars going on all the time.

**> Do you find Aberdeen expensive to live in?**

Although Aberdeen is considered an expensive city with the oil industry etc, as a student I don't find it any more expensive than anywhere else within the UK and many of the shops and restaurants put on special offers for students which you should always take advantage of.

**> What three words would you use to describe the University of Aberdeen?**

Friendly, interesting, challenging.

# Assiya

BEng Mechanical Engineering

**> Why did you choose the University of Aberdeen?**

I chose Aberdeen because of its excellent reputation for Engineering. I was awarded a scholarship for my studies and Aberdeen was recommended as being one of the very best places in the UK to go.

**> What is the nightlife like in Aberdeen?**

I'm not much of a clubber but there are loads of great cafés and restaurants in Aberdeen. I also really enjoy shopping in the city centre, especially at the new Union Square shopping centre.

**> How are you finding living in Scotland?**

It's been brilliant! I've loved being able to travel round the country so easily. Nowhere seems that far away and it's also quite inexpensive by public transport.

**> What three words would you use to describe the University of Aberdeen?**

Memorable, historic and exciting.





## Benedict

MA English

> **Why did you choose the University of Aberdeen?**

After successfully completing the 'Summer School for Access' course I felt comfortable and familiar with my surroundings.

> **Do you have any top tips for coming to University?**

Try your best not to get too carried away with the student lifestyle!

> **What do you enjoy most about your degree?**

The reading materials in most of the modules I have undertaken would constitute, in my book (absolutely no pun intended), to the enjoyment factor.

> **Is it easy to make friends in Aberdeen?**

It depends how sociable you are. In my experience I have found most people to be warmer than the weather! Jokes aside, I can thankfully say that Aberdeen attracts a really diverse and multi-cultural selection of people, who are delightfully friendly.

## Teresa

BSc Biotechnology  
(Applied Molecular Biology)

> **Do you have any top tips for coming to University?**

Take advantage of all University events during Freshers' week. It's a great chance to look around different societies, meet friends with similar interests and get prepared for your studies. Bring all your enthusiasm and a smile with you. You will be surprised how much you can enjoy your University life and even miss it while on holiday!

> **What's the best thing about Aberdeen?**

Aberdeen is a remarkable city. Situated in a beautiful coastline area, close to amazing wildlife and landscapes, while at the same time being a cosmopolitan city full of welcoming people.

> **What three words would you use to describe the University of Aberdeen?**

Charming, challenging, exciting!





## Gesner Orlando

BSc Human Embryology  
and Developmental Biology

> **Do you have any top tips for coming to University?**

1. Enjoy it. 2. Learn how to cook; it's a life saver. 3. Get involved in local and University activities - they really help you to integrate. 4. Ask Ask Ask, never be afraid to ask a question. 5. Make friends and keep in contact.

> **Is there anything you would change about your University experience?**

Nothing, I enjoy every moment! I just wish I knew University would have been so much fun years ago.

> **What has been the best part of University so far for you?**

I think it's being part of a multi-cultural community; all of my friends are from different parts of the world. I have mates from Nepal, Saudi, Kenya, Germany, Italy, Uganda, Ghana, Zimbabwe, India, and because of this we have learnt so many new things about each others respective culture. Also, as I'm a student in medical science, it's such a privilege to be able to work in one of Scotland's leading research facilities, the Institute of Medical Sciences, and the potential to get involved in ground-breaking research is just too good to be true.

> **What three words would you use to describe the University of Aberdeen?**

Always moving forward.





# Rebecca

Bsc Geology – Petroleum Geology

> **What attracted you to the University of Aberdeen?**

I came to an open day when I was looking at all my options and I fell in love with the campus! I am a competitive athlete and was impressed by the range of sports clubs offered and the brilliant facilities at Aberdeen Sports Village. I was very welcomed by everyone and felt that I would be able to fit in easily with life being a student at Aberdeen University!

> **Do you have any top tips for coming to University?**

Get involved! There are a huge range of sports clubs and societies. You don't have to be an expert and there are so many opportunities to try something new or a bit different.

> **What are the sports facilities like?**

The sports facilities are outstanding! Aberdeen Sports Village has so much to offer with an excellent gym, outdoor and indoor running tracks, huge games hall, squash courts, hockey pitches and not to forget the full-size indoor football pitch. They are also currently in the process of building a 50m swimming pool as part of the sports village.

> **What three words would you use to describe the University of Aberdeen?**

Fun, supportive, friendly.

**Aberdeen is an attractive city in which to live, from the buzz of a cosmopolitan city centre to the green parks, open spaces and sandy beaches.**

**THE DIFFERENCE IN**

# **Aberdeen the City**



# The City

- > Population of 250,000
- > Ranked best place to be student in UK
- > Safe and student-friendly
- > Cosmopolitan city and the great outdoors





**Welcome to Scotland's third largest city - a place with a lively combination of historic charm, thriving economy and cosmopolitan community. Aberdeen, home to 250,000 people, is the perfect centre for work, leisure and play.**

Big enough for the 'big city' experience, student-friendly Aberdeen is compact enough to make it easy to find your way around and make friends. From the historic 15th century University campus in Old Aberdeen it's just a short bus ride to the bustling city-centre of Europe's energy capital. Local crime rates are low, and the University operates a 'Safe Campus' code for the benefit of students.

Aberdeen is an attractive city in which to live, with its abundance of green parks and open spaces. To the east of the city lies the North Sea and a coastline of sandy beaches, while to the west stretches Royal Deeside, the beautiful valley of the River Dee. It's just half-an-hour from the buzz of Union Street to the tranquillity of the nearby hills and countryside in one of the most beautiful parts of Scotland. Where else can you have lectures in the morning and ski in the afternoon, or sail, or wind surf, or hill climb, or canoe or...? From seaside to mountainside – it is all on your doorstep at Aberdeen! Look on our website for the huge range of sports and other activities waiting for you at Aberdeen.

### Nightlife

At night Aberdeen really lights up with a nightlife second to none. The huge variety of pubs and clubs ranges from trendy nightclubs, to cosy, old world pubs full of atmosphere and everything in between.

A vibrant music scene includes regular major tours by the biggest names around and an eclectic mix of venues and dance floors promote the home-grown talent of local acts and DJs.

With a student population of over 50,000, Aberdeen caters for all tastes in arts, culture, leisure and entertainment. Aberdeen has lots to offer, with the well-known His Majesty's Theatre, Music Hall and Aberdeen Exhibition and Conference Centre (AECC) regularly attracting national and international artists and companies. Four cinema multiplexes, Art Gallery, Maritime Museum and first-class sports and leisure facilities means there is always plenty going on.

### Culture

The University is committed to supporting a wide range of cultural activities. Highlights include the Director's Cut series that attracts leading film-makers to Aberdeen

to discuss their work and Café Scientifique which explores big questions in science. University Music offers a programme of concerts throughout the academic year, while the University's Music Prize is now an established international composition event.

This year, the University of Aberdeen is proud to host Europe's biggest science festival. The British Science Festival will take place from 4 to 9 September 2012 with an exciting programme of events for people of all ages and interests. For more information visit [www.britishecienceassociation.org/web/britisheciencefestival](http://www.britishecienceassociation.org/web/britisheciencefestival)

### Shopping

Aberdeen has everything a city in the UK should have and more. You'll find all the major supermarket and retail chains here with four large city-centre shopping malls, including the piazza-style Academy and new Union Square. From high street stores and designer boutiques to quirky independent outlets and thrift shops, shopaholics will be delighted by the quantity and quality of places on offer.

### More for Your Money

You may be surprised to hear that students find Aberdeen a cheaper city to live in than Edinburgh or Glasgow. If you need to boost your budget, Aberdeen City and Shire's buoyant local economy means there is no shortage of holiday and part-time work. Visit [www.ausa.org.uk](http://www.ausa.org.uk) for more information.

### More Information

For more information about what Aberdeen has to offer, take a look at some of these websites:

[www.aberdeencityandshire.com](http://www.aberdeencityandshire.com)  
[www.aberdeencity.gov.uk](http://www.aberdeencity.gov.uk)  
[www.visitscotland.com](http://www.visitscotland.com)

You can also download the Lonely Planet Guide to studying in Aberdeen. Simply visit [www.abdn.ac.uk/documents/lonely-planet-guide.pdf](http://www.abdn.ac.uk/documents/lonely-planet-guide.pdf)



**Alternatively you can download the free Study Aberdeen iPhone app. Either download a QR code reader to your phone and scan this code or search the App Store for 'Study Aberdeen'.**

## Fast Facts

- > A 15-minute walk east of the campus leads to the salt-tanged air of Aberdeen's miles and miles of sandy beach
- > As well as a mind-expanding stretch of beach, Aberdeen has its own permanent fun fair, complete with 100ft Grampian Eye Ferris Wheel, three roller coasters and a log flume. Nearby you'll also find a swimming pool, sauna, climbing walls, skate park, restaurants, cafés and a 10-screen cinema
- > Aberdeen is full of great multi-cultural grazing grounds. Restaurants and takeaways include Chinese, Vietnamese, Greek, Indian, Italian, Spanish, Japanese, Mexican, Polish and Turkish
- > Aberdeen's harbour mouth is one of the best locations in Scotland for watching dolphins from the shore
- > Three of Scotland's five main ski centres are only two hours from campus. Aviemore, the Cairngorm Mountain, Glenshee and the Lecht provide perfect pistes for board-riders and alpine skiers
- > University events have drawn many authors, thinkers and commentators to the city; Seamus Heaney, Louis de Bernières and Sir David Attenborough are just some of the names who've appeared
- > Fifteen miles south of campus the historic fishing port of Stonehaven has an attractive cliff fringed harbour and the gloriously crumbling Dunnottar Castle. It's so picturesque Franco Zeffirelli filmed Hamlet with Mel Gibson here
- > For 267 years the city of Aberdeen had two universities when there were only two universities in the whole of England
- > A trace of Aberdeen's rich history can be heard in Doric, a form of Scots whose historic phrases and lyrical pronunciations pepper some local's everyday speech. Here are a couple of handy phrases to start you off: Fit like? – How are you? Nae Bad – Pretty good
- > "Bon Accord". Knowing what Aberdeen's motto means really helps you feel at home. In case anybody asks it means: 'happy to meet, sorry to part, happy to meet again'

**March**

**Aberdeen Jazz Festival  
14-18 March**

Bringing together all styles of jazz including blues, hip-hop, soul, funk and Rat Pack swing, the Aberdeen Jazz Festival has something to suit everyone's musical tastes.

[www.aberdeenjazzfestival.com](http://www.aberdeenjazzfestival.com)

**Aberdeen Asset Boat Race and Granite City Challenge**

There is a friendly rivalry with The Robert Gordon University (RGU) culminating in the annual University Aberdeen Asset Boat Race and Granite City Challenge. Two of the biggest inter-varsity events of the year, they're not to be missed!

[www.ausa.org.uk/boat\\_race](http://www.ausa.org.uk/boat_race)

[www.ausa.org.uk/granite\\_city\\_challenge](http://www.ausa.org.uk/granite_city_challenge)

**April**

**Student Show  
18-21 April**

The Student Show has been running for 90 years, putting an outstanding musical comedy show at His Majesty's Theatre every year. Written and performed by students, the show raises thousands of pounds for the Aberdeen Students' Charities Campaigns.

[www.ausa.org.uk/student\\_show](http://www.ausa.org.uk/student_show)

**Torcher Parade  
28 April**

Torcher Parade is the largest torch-lit parade in Europe involving around 2,000 students, 45 lorries and 50,000 spectators.

[www.ausa.org.uk/torcher](http://www.ausa.org.uk/torcher)

**May**

**Dickens Bicentenary:  
Spring Programmes –  
Throughout May**

The University of Aberdeen will run a series of events as part of 'Dickens 2012' - an international celebration of the life and work of Charles Dickens to mark the bicentenary of his birth.

[www.abdn.ac.uk/events](http://www.abdn.ac.uk/events)

**June**

**RockNess  
8-10 June**

Nominated for an NME Award in the 'Best Small Festival' category, RockNess hosts a foray of music artists in Loch Ness. Headliners in 2012 include Biffy Clyro, Mumford & Sons and Ed Sheeran.

[www.rockness.co.uk](http://www.rockness.co.uk)

# What's going on

## August

### International Youth Festival 1-11 August

One of the world's biggest celebrations of youth arts celebrates its 40th anniversary in 2012. Aberdeen International Youth Festival offers the very best in International performing arts.

[www.aiyf.org](http://www.aiyf.org)

### The Wizard Festival Dates TBC

Wizard takes place at New Deer Showground in the heart of the Aberdeenshire countryside. It's a music festival with 4 stages, family camping, fairground rides, carefully selected food and craft stalls and a village shop.

[www.wizardfestival.com](http://www.wizardfestival.com)

## September

### Freshers' Week

Freshers' Week is the first week of term for new students. There is a whole schedule of events to keep you entertained, from the society and sports fayres, to pub quizzes and nights out. The general rule is to just have fun and meet lots of new people!

### British Science Festival 4-9 September

This year, the University of Aberdeen is proud to host Europe's biggest science festival with an exciting programme of events for people of all ages and interests.

[www.britishtscienceassociation.org/web/britishtsciencefestival](http://www.britishtscienceassociation.org/web/britishtsciencefestival)

## November

### Sound Festival 1-11 November

Sound, North East Scotland's festival of new music is partnered by the University. It is driven by the passion to make new music accessible to audiences of all ages and backgrounds, and brings together a large range of musical genres, appealing to a wide variety of tastes and encourages people to discover new sounds and widen their musical horizons.

[www.sound-scotland.co.uk](http://www.sound-scotland.co.uk)

## December

### Hogmanay Stonehaven Fireballs 31 December

Stonehaven welcomes the new year in each year by swinging "The Fireballs" – a unique and colourful festival.

[www.stonehavenfireballs.co.uk](http://www.stonehavenfireballs.co.uk)

### Throughout the year:

**The Director's Cut:** Presenting a series of discussions staged at the University of Aberdeen's King's College campus with well-known and innovative international filmmakers and broadcasters. Previous broadcasters have included the likes of Sir David Attenborough.

[www.abdn.ac.uk/directorscut](http://www.abdn.ac.uk/directorscut)

**The Concert Season:** The Music Department's annual programme of events includes a winter and spring series and presents a series of concerts and recitals ranging from early music to first performances.

[www.abdn.ac.uk/events](http://www.abdn.ac.uk/events)

**Café Scientifique:** The Café Scientifique series is an informal programme of events featuring discussion and debate on the latest topics in scientific research.

[www.abdn.ac.uk/science/public/cafescience](http://www.abdn.ac.uk/science/public/cafescience)

### Elphinstone Institute Tuesday Evening Lectures:

Publicised as part of the King's Museum Tuesday evening lecture series, these events are organised by the Elphinstone Institute and examine and celebrate the traditions of the North and the North-East of Scotland.

[www.abdn.ac.uk/events](http://www.abdn.ac.uk/events)

## What else?

As you can see, Aberdeen has lots to offer. The His Majesty's Theatre, Music Hall and Aberdeen Exhibition and Conference Centre (AECC) regularly attract national and international artists and companies. Recent big acts include Noel Gallagher, Snow Patrol and Emeli Sandé.

Other sites worth checking out are:

[thekiosque.com](http://thekiosque.com)  
[www.peacockvisualarts.com](http://www.peacockvisualarts.com)  
[www.local.stv.tv/aberdeen](http://www.local.stv.tv/aberdeen)  
[www.aberdeencity.gov.uk](http://www.aberdeencity.gov.uk)  
[www.boxofficeaberdeen.com](http://www.boxofficeaberdeen.com)

# Getting Here

- > Excellent transport links
- > International airport
- > Central rail and bus station
- > Inexpensive travel options

**Located within Aberdeen city at the heart of a diverse and thriving regional economy, Aberdeen's pivotal role in the international oil and gas industry means that it enjoys excellent communications and travel links.**

## By Air

Aberdeen's international airport is served by a number of major carriers, providing an extensive network of routes throughout the UK, direct to Europe and worldwide through major hubs. British destinations include three London airports (Heathrow, Gatwick and Luton - just over an hour's flight time at fares from around £50 return), Belfast, Birmingham, Bristol, Dublin, Durham Tees Valley, Exeter, Humberside, Leeds, Bradford, Liverpool, Manchester, Newcastle, Norwich, Nottingham, East Midlands, Southampton, as well as the Scottish Highlands and Islands. Other destinations include Amsterdam, Bergen, Brussels, Copenhagen, Esbjerg, Faroe Islands, Oslo, Paris, Stavanger and Tenerife. There is a frequent bus link to the city centre, and taxis from the airport to the University cost around £15.

[www.aberdeenaairport.com](http://www.aberdeenaairport.com)

## By Bus

First-class roads south to Edinburgh, Glasgow, and onwards, carry fast coach services linking Aberdeen with the UK's major cities. Competitive return fares, using Travelcard schemes, make bus travel popular with students. The earlier you book your travel, the cheaper the prices, for example:

- > Birmingham: £20.90
- > Manchester: £20.90
- > Cardiff: £70.70
- > Edinburgh: £3.80
- > Glasgow: £3.80
- > Inverness: £3.80
- > London: £20.90

NUS Extra travelcards cost £11.00. Taxis from the bus station to the University cost around £7.00.

Sample fares taken from:  
[www.megabus.com](http://www.megabus.com),  
[www.stagecoachbus.com](http://www.stagecoachbus.com) and  
[www.nationalexpress.com](http://www.nationalexpress.com) and  
 are correct as at February 2012.

## By Train

Rail services connect Aberdeen both north and south. There are regular direct trains to London, and services from Edinburgh and Glasgow link with other mainline routes. Inverness, the scenic West Coast and Highlands are reached northwards. Sample return fares using a 16-25 Rail Card, excluding Friday travel are:

- > Birmingham: £85.45
- > Manchester: £68.60
- > Cardiff: £115.50
- > Edinburgh: £38.85
- > Glasgow: £34.70
- > Inverness: £25.40
- > London: £86.25

16-25 Rail Cards cost £28.00. Taxis from the railway station to the University cost around £7.00. Sample travel fares quoted are correct as at February 2012.



### By Car

Entering the city from the south or west, follow signs for the A90 (Fraserburgh and Peterhead). This leads round the ring road (Anderson Drive). Exiting from a roundabout (signed Old Aberdeen) onto Cairncry Road, continue to follow the A90 signs through two further roundabouts onto St. Machar Drive. After a third roundabout, the road bisects Old Aberdeen and local signs will direct you to University sites. From the north, Old Aberdeen is signposted on the A96 (from Dyce and Inverness) and on the A90 (from Peterhead).

**University Postcode:** AB24 3FX

#### GPS:

Lat:57:09:54N (57.16501)

Lon: 2:05:57W (-2.09912)

**Grid Ref:** NJ 941 082

### By Local Bus

The number 20, from Littlejohn Street, next to Marischal College, links the city centre with the main Old Aberdeen site, and the Hillhead Halls student village. The number 19, from Broad Street, opposite Marischal College, passes to the west of the University along Bedford Road. From Union Street, the city's main thoroughfare, the numbers 1, 2, and 14, travelling east, all run along King Street and pass the University. Alight just after the King's playing fields on your left. Aberdeen buses require exact fare, so have 10p and 5p coins ready, or buy a bus Farecard from local shops.

#### Nearest stops to University:

Old Aberdeen (bus no. 20)

Bedford Road (bus no. 19)

King Street (bus no. 1, 2 and 14)

Detailed information on travelling to Aberdeen, including maps, can be found by visiting: [www.abdn.ac.uk/maps/travel](http://www.abdn.ac.uk/maps/travel)

## Getting Here

### A King's College

One of the most beautiful and historic buildings at the University dating back to 1495. King's College houses Divinity and the King's College Conference Centre, and is connected to the University Chapel.

### B University Office

Student Recruitment & Admissions

Home to the Student Recruitment and Admissions Service.

### C Regent Building

Houses the Language Centre and the Centre for Lifelong Learning.

### D Library

£57 million flagship library. An icon of the North East.

### E The Hub

Student centre and home to the Infohub, Student Support, Careers Service, dining and retail outlets.

### F Cruickshank Botanical Gardens

A beautiful and peaceful 11 acre Garden to support studies in Biological Sciences.

### G St Mary's Building

St Mary's houses Geography, Geology and Planning.

### H The Old Town House

The focal point of Old Aberdeen and the visitor gateway to both the University and our charming medieval campus.

### I Fraser Noble Building

Home to Engineering and Maths.

### J Zoology Building

Supports students' studies within the discipline and houses the Zoology Museum and The Natural History Centre.

### K MacRobert Building

Home to the School of Education and Music.

### L Meston Building

Houses the departments of Chemistry, Physics, Geology and Computing Science.

### M Aberdeen Sports Village

£28 million Olympic sports centre created for sporting excellence.

### N Butchart Building

New Student Centre opened in 2010, and home to Aberdeen University Students' Association (AUSA).

### O Taylor Building

Home to Law, English and Modern Languages.

### P Edward Wright Building

Houses Social Science, Business and the IT Help Desk.

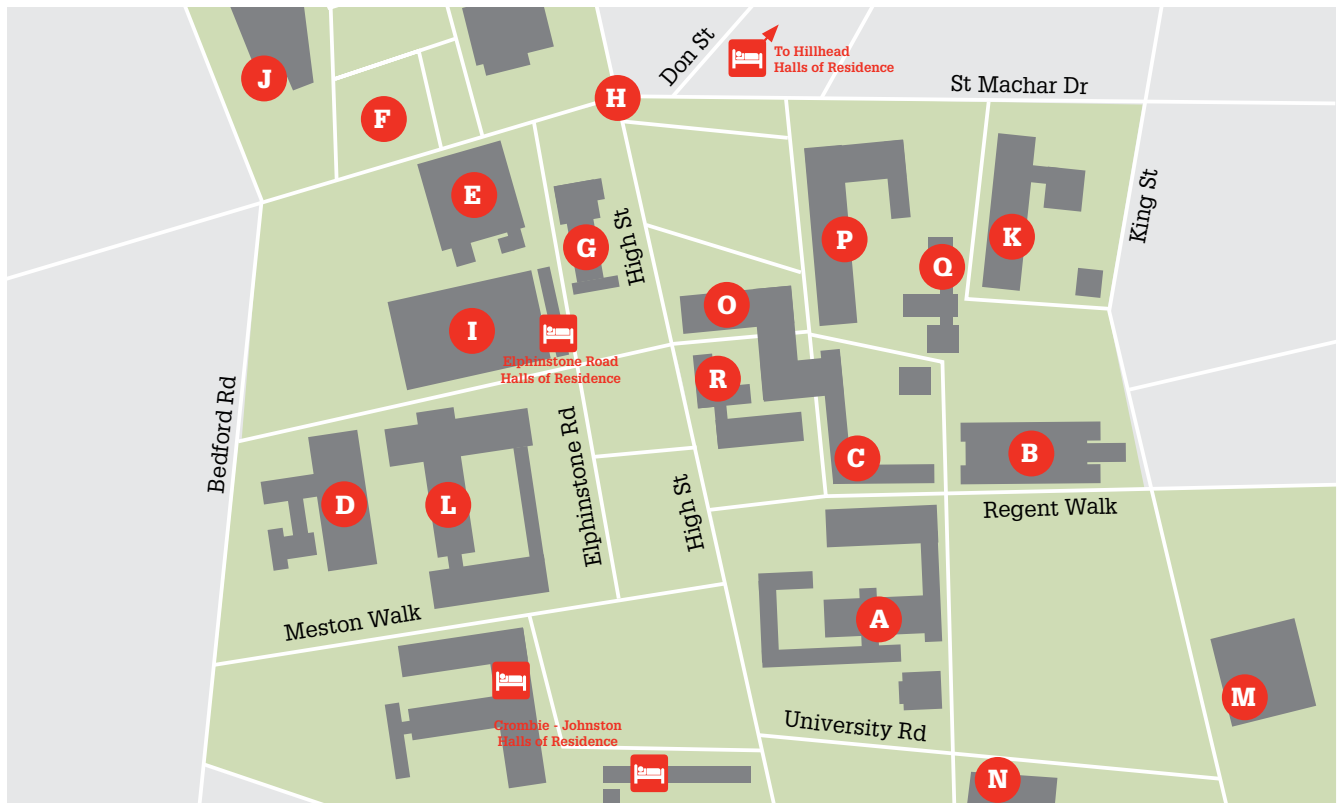
### Q William Guild Building

The home of Psychology.

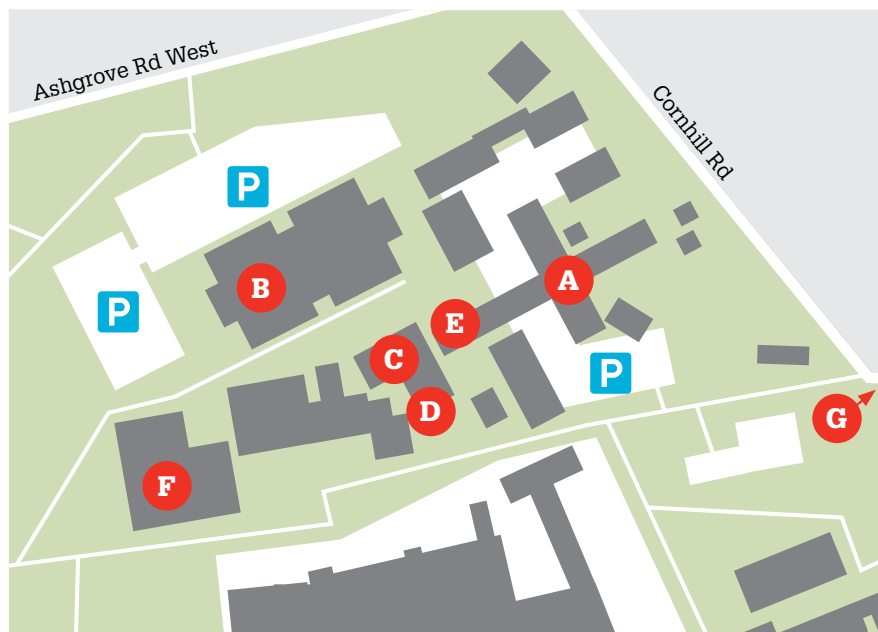
### R Old Brewery

Contains Philosophy and Film Studies.

## King's College Campus



## Foresterhill Campus



### A The Polwarth Building

The Polwarth Building houses the School of Medical Sciences.

### B Institute of Medical Sciences

The Institute of Medical Sciences is home to Principal Investigators leading cutting edge molecular and cell biology research in a variety of fields.

### C The Medical School Library

Subjects covered in the Medical School Library include hospital, laboratory, pre-clinical and community-based medicine and medical sciences.

### D Medico-Chirurgical Hall

The Medico-Chirurgical Hall is often used for conferences, and has an important collection of old books, instruments and portraits.

### E Institute of Applied Health Science

Home to IAHS members who contribute to local, national and international research and development activities in both primary and secondary care sectors.

### F The Suttie Centre

£20 million new state-of-the-art centre for Teaching and Learning in Healthcare.

### G The Dental School

The new University of Aberdeen Dental School is based in a purpose-built new facility which was opened in January 2010 by First Minister Alex Salmond. The building is home to Students on the BDS Dentistry programme.

## Aberdeen within Europe



Located in North-east Scotland, Aberdeen is easily reached from all major cities within Europe and throughout the world.

For detailed maps, visit [www.abdn.ac.uk/maps](http://www.abdn.ac.uk/maps)

**With over 600 first degree programmes to choose from, and our flexible student-centred approach, we offer study opportunities for all.**

**THE DIFFERENCE IN**

# **Your Studies**





# Choosing Your Degree

- > Flexible student-centred approach
- > Professionally accredited degrees
- > Enhanced study options
- > Flexible entry and exit points

**This wide variety, combined with our flexible student-centred approach, offers you many advantages, especially if you have not quite made up your mind!**

We admit you to a degree (e.g. MA or BSc) rather than to a specific subject, School or Department, so you can usually study any subjects which interest you and even change direction as your interests and ambitions develop. This means that for most degrees you do not need to worry too much about getting it absolutely right on your UCAS application. A Scottish Honours degree normally takes four years to complete, giving you the option to delay your final choice until the end of your second or even sometimes third year.

The MA and BSc degrees are especially flexible, and the LLB and BTh programmes also offer some flexibility. Other degrees like the MEng, the MBChB or our range of Education degrees - which train you for a specific profession - offer less flexibility, as the content of these courses must satisfy the relevant professional organisation.

There are a number of undergraduate Masters degrees in disciplines including: Engineering, Chemistry, Physics, Biological Science and Medical Science. These normally take five years to complete, although second year admission is possible if you have very good qualifications. Some language programmes take five years as they include a year of study or work abroad; there are some programmes which include a year's industrial placement and therefore these also last for five years. The MBChB degree again takes five years. We also now offer a four year Graduate entry Bachelor of Dental Surgery (BDS) programme, which is open to Home/EU students.

## **Entry Requirements**

The Entry Requirements are the minimum standards and subjects required for entry into our degree programmes and achieving these does not guarantee entry. You will find them alongside each degree in the prospectus. If you are applying for a very competitive programme, such as Education, Law or Medicine, special attention will be paid to your Personal Statement and Referee's Report, in addition to your grades.

## **Taking a Break Before Your Studies**

You might be considering a 'gap' year to reflect on your aspirations and priorities. Make sure that you do something organised which will contribute to your personal development. You will need to explain this fully on your UCAS form, but it will not have a negative effect on your application.



### Scottish Credit and Qualifications Framework

All degrees offered by the University of Aberdeen are compliant with the Scottish Credit and Qualifications Framework (SCQF). The SCQF provides a single unifying framework to describe qualifications offered at all stages from school to higher education in terms of their levels and credit value.

### Courses and Credits

Almost all of our degree programmes consist of courses (modules) at four levels (1-4, equivalent to SCQF levels 7-11). Level 4 is the Honours level, although some programmes, particularly in the MA, have a "Junior" Honours year at level 3. You will normally take eight courses in your first year. This might sound complicated - but we make it easy for you. You can access summary information on the range of courses offered in the online Catalogue of Courses which can be found at

[www.abdn.ac.uk/registry/courses](http://www.abdn.ac.uk/registry/courses)

### Enhanced Study

An important element of the curriculum offered at Aberdeen is the opportunity to gain a broad education rather than specialising from the start. Employers and others have told us of the value of students having the opportunity to study subjects beyond their chosen subject.

The University offers a range of Enhanced Study options from new and exciting Sixth Century Courses, which give you the opportunity to explore topical issues from a range of disciplinary perspectives, to Sustained Study Programmes which allow you to focus in more closely on a specific area of study (such as a language) in addition to your main subject. Alternatively, you may choose to pick up your Enhanced Study options through studying another mainstream course drawn from one of the wide range of courses offered. For more information see page 14 or visit:

[www.abdn.ac.uk/thedifference](http://www.abdn.ac.uk/thedifference)

### Flexible Entry and Exit

A Scottish Honours degree normally takes four years, but if you have very good qualifications you can be admitted to the second year of study in many of our degree programmes, enabling you to complete an Honours degree in three years. In some cases it is even possible to enter the third year of a degree programme.

The University acknowledges the importance of recognising successful study, and recognises that students can find themselves in the position that they need to take a break from their studies for whatever reason. If you decide to leave the University before completing your

degree, you will receive an Undergraduate Certificate or Diploma in Higher Education if you obtain 120 level 1 credit points (for the Certificate) and 240 credit points (including 90 at level 2, for the Diploma). Exiting with such an award does not prevent you from returning to study at a later date to continue your studies and complete a higher award (subject to meeting the necessary criteria for re-admission).

### Honours

If you are taking a four-year degree, admission to the Honours part of the degree is conditional on performance in the first two years (or in some cases the first three), but most students who want to progress to Honours do so. It is possible to concentrate on a single subject in your Honours programme, but two-subject combinations (Joint Honours), with equal weight given to each, are popular and there is an increasing number of Combined Honours courses involving a major subject and a minor one. In the MA and BSc programmes, it is also possible to take a General Honours degree which involves the study of more than two subjects within a broad disciplinary area.

### Scottish Baccalaureate

The University of Aberdeen recognises the value of the Scottish Baccalaureate and believes the qualification is a good preparation for entry to university. The qualification will be considered alongside Advanced Highers, for direct entry into year two across a range of

degree programmes. Where appropriate, the Scottish Baccalaureate will be used in offer making.

However, for Medicine the admissions process is highly selective. As such, the standard entry requirements as detailed on page 142 will remain. For the present time, Scottish Baccalaureates will not form part of the standard entry requirements for Medicine at Aberdeen.

### Curriculum for Excellence (CfE)

Scotland is reforming its curriculum for young people aged 3-18. Curriculum for Excellence (CfE) aims to make learning more relevant to the modern world and give young people the skills, knowledge and understanding they need to succeed in learning, life and work. Ultimately this aims to help young people progress in modern society and community.

CfE is transforming education by providing a coherent, flexible and enriched curriculum for all young people and will review other aspects of Scotland's education system, including qualifications, assessment and learning and teaching approaches.

The University of Aberdeen is aware of the new proposals and in the coming years will continue to review entry requirement criteria as the Scottish Qualification Authority (SQA) define the new curriculum.

More information can be found at [www.sqa.org.uk](http://www.sqa.org.uk)



## Foundation Programmes

In late 2011, the University of Aberdeen launched seven brand new undergraduate Foundation Programmes in the following pathways:

- > Biological Sciences
- > Chemistry
- > Computing Science
- > Engineering
- > Mathematics
- > Medical Sciences
- > Psychology

There are a number of options available to students who come from countries where the high school curriculum does not currently allow direct entry to the first year of an Aberdeen undergraduate programme. The University has created a number of specially designed International Foundation Programmes which can help students gain entry to one of the oldest universities in the UK.

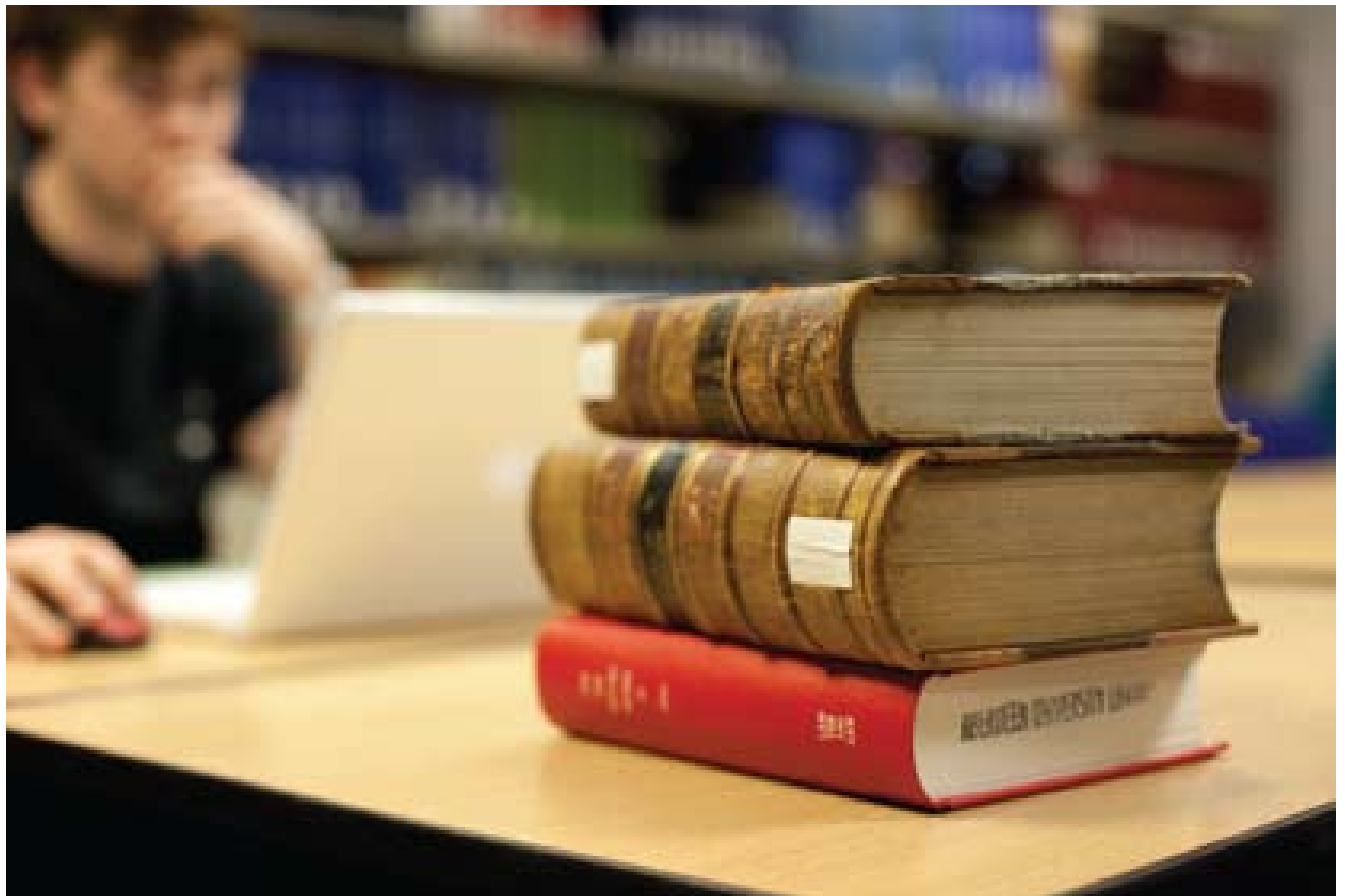
### Reasons to Study a Foundation Programme at Aberdeen:

- > Additional English language support and mentoring from academic members of staff
- > All students are taught by University of Aberdeen staff
- > All students are taught on the University of Aberdeen campus
- > All students are fully registered, and can use all facilities
- > All programmes are integrated to first year, and upon successful completion students move directly to second year of their chosen degree

Successful completion of a pathway foundation programme allows students the opportunity to choose from a huge number of Bachelor degree programmes at Aberdeen. Each of the custom designed pathways has an assigned academic mentor to help and guide students.

Unlike many foundation programmes in the UK, the Aberdeen International Foundation Programmes are taught entirely by Aberdeen staff, and are structured in such a way as to offer transition to the second year of a huge number of Science and Engineering programmes. This allows students to complete their foundation year and bachelor degree in 4 years, the same duration as other students starting studies in first year. These programmes benefit greatly from enhanced English language provision, and the support and guidance of experienced and enthusiastic academic members of staff.

For more information please visit: [www.abdn.ac.uk/international/foundation-programmes](http://www.abdn.ac.uk/international/foundation-programmes)



## How to Apply

**Applications for full-time undergraduate degree programmes at Aberdeen - as with other UK universities - are made through the Universities and Colleges Admissions Service (UCAS).**

The exceptions are for part-time courses, and non-graduating or visiting students, who apply direct to the University (see [www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras) for further details). Medical applicants (A100) and graduate Dental applicants (A201) must take the UK CAT Admissions Test. More information can be found at [www.ukcat.ac.uk](http://www.ukcat.ac.uk)

- > You apply online to UCAS. Schools and colleges can provide advice and guidance. UCAS will accept applications for 2013 from September 2012. If you wish to contact UCAS from outside the UK, you can write to them at the address provided, or you can visit their website. UCAS expects to receive applications electronically through Apply. This electronic system contains the most up-to-date course information, is quicker to use, and, as you are using the Internet, you can complete your application anytime
- > Your completed application should be submitted (preferably via Apply) to UCAS with the applicant's fee of approximately £22. If you wish to apply for only one course at one institution, a reduced price of approximately £11 applies. For all applicants, there are full instructions at [www.ucas.com](http://www.ucas.com) to make it as easy as possible for you to fill in your online application, plus help text where appropriate
- > You may apply to up to five institutions on the full-price UCAS application. You should list your choices in the order in which they appear in UCAS documentation. Applicants for Medicine, Dentistry or Veterinary Science should list no more than four such courses in their five choices
- > Although admission at Aberdeen is to a degree and not to a particular Department or subject, you should still enter your preferred degree programme title and UCAS code in your UCAS application. However, in most cases it is easy to change your degree preference after you have begun your course

### UCAS

Rosehill, New Barn Lane  
Cheltenham, Gloucestershire, GL52 3ZA  
Tel: +44 (0)871 468 0468

### UCAS Code A20

The University of Aberdeen  
Short Code ABRDN  
[www.ucas.com](http://www.ucas.com)

### Closing Dates

**15 October 2012** for all Dental, Veterinary Science/Medicine applicants and anyone including the universities of Oxford or Cambridge among their choices.

**15 January 2013** for all other applicants.

Late applications may be considered at the discretion of the University. Priority is given to applications received by the normal closing date of either 15 October 2012 or 15 January 2013. Where vacancies exist at Aberdeen, UCAS continues to forward applications until 30 June; candidates whose applications are received at UCAS after 30 June will be automatically entered into Clearing.

### What Happens Next?

You will receive an acknowledgement letter from us. Your application will be considered by one of our Admissions Selectors and a decision will be made as soon as possible\*. You will hear from UCAS and also from the University. One of four things can happen:

- > **You will be made an unconditional offer if you already have the qualifications to meet our requirements**
- > **You will be made a conditional offer if you don't yet have all of the necessary passes that we require**
- > **You may be invited for interview - this is part of the normal selection process for Medicine, Dental Surgery, Education and Music only**
- > **You may, if it is obvious from your application that you cannot meet our requirements, be advised by UCAS that we could not make an offer at this stage**

After you have received your offer from the University, you decide whether you wish to accept it. UCAS provide detailed instructions of when and how to reply. We hope that you will make Aberdeen your firm choice.

\*In the case of an application to the MBChB, Graduate Dental Surgery, a teaching programme or to a BMus programme, applicants may be asked to attend an interview. It is unlikely that any offers will be made until the end of March of the year of entry to allow for completion of these interviews.

### Ensuring Equality & Fairness

#### Admissions Policy

Every degree has an academic Admissions Selector, who considers all applications for that area of study. Selectors are most interested in your academic achievements, but they'll also take note of the subjects you've studied, and competence in any specific subjects required. Selectors take your Personal Statement and your Referee's Report into account, as well as your actual or predicted examination grades. For Education and Medicine application policies see the relevant sections.

#### Equality of Opportunity

Applications for admission to all programmes are considered on their academic merit, without regard to any inappropriate distinction e.g. ethnicity or nationality, disability, sexual orientation, gender, religious or political beliefs, marital status or socio-economic background of the applicant. Adult learners (21+ at start of course), and students who have experienced educational disruption (including students with disabilities), may receive special consideration. If you are in one of these categories, you should tell us in your UCAS application.

Full information on our Admissions Policy and Guidance Notes, including how to make a complaint, can be found on our web pages at [www.abdn.ac.uk/undergraduate/admissions-policy](http://www.abdn.ac.uk/undergraduate/admissions-policy)

#### Equality and Diversity

The University is proud of the diversity of its student body and recognises the benefits that diversity brings to the student experience. The University is committed to providing a learning, working and social environment in which the rights and dignity of all its members are respected so that they can reach their full potential.



## Widening Access

**As part of our commitment to widening access to higher education, the University of Aberdeen offers, through its Access Programmes, a bridge to degree level study. These programmes offer a range of courses covering both Arts & Social Sciences and Science subjects.**

### The Access Programmes

- **Are you considering beginning or returning to study?**
- **Would you like to study part-time in the day or evening?**
- **Do you need to top up your qualifications?**

Our Access Programmes give direct entry to the majority of degrees offered by the University of Aberdeen. The programmes can also be used, by agreement, for admission to HNC and HND courses and degrees at other universities and colleges. Alternatively, individual courses can be studied for interest only.

### Access and Foundation Studies Programme

Classes are offered at the University during the day or in the evening, making it possible to work full-time or fit in family commitments while studying. For those who live outside commuting distance of Aberdeen, we also offer audio and video conference courses in the evenings, through a network of study centres throughout the North-East of Scotland, the Highlands and the Northern and Western Isles. It may also be possible to study from home by audio-conferencing and web-streaming.

Guidance is provided for those considering returning to study and it is our aim to enable you to make informed choices about your options. Students who successfully complete the Access Programme are guaranteed entry into undergraduate study at the University of Aberdeen, but students may be able to use it to support applications to other UK universities.

You can find further information about the programme by visiting our website at [www.abdn.ac.uk/lifelonglearning/courses/access-degree-studies](http://www.abdn.ac.uk/lifelonglearning/courses/access-degree-studies)

We are also happy to arrange a guidance appointment either face-to-face or by telephone and we can be contacted on:

**Tel: +44 (0)1224 272448**  
**Email: [access@abdn.ac.uk](mailto:access@abdn.ac.uk)**

### Summer School for Access Programme

This 10 week on-campus programme runs from mid-June to mid-August for entry to University. The programme is aimed at those whose qualifications do not reflect

their true potential, who have suffered setbacks in previous education or who are seeking a route into degree study. It provides an opportunity to sample new subjects, experience university life and gain self-confidence. UK students who need to do so can apply for bursaries to provide assistance with study costs. For UK and EU students, payment of tuition fees may not be required, and for UK students free accommodation in Halls of Residence may be available. Students who successfully complete the Summer School at the required level are guaranteed entry into the University of Aberdeen\*, and may also be able to use the qualification for entry into other UK universities. For more information about the Summer School please visit our website at [www.abdn.ac.uk/lifelonglearning/ssa](http://www.abdn.ac.uk/lifelonglearning/ssa) or call or email us at the contact details shown.

\*Please note that the Summer School for Access does not provide an alternative entry route into Medicine.

### Admission to These Programmes

No formal educational qualifications are required for entry to either of these programmes; most important are the desire and the ability to study. Some courses, especially in the sciences, may require some prior knowledge of the subject.

### For further details and guidance about the Access Programme:

**Tel: +44 (0)1224 272448 (9am - 5pm, Mon-Fri)**

**Fax: +44 (0)1224 272748**

**Email: [access@abdn.ac.uk](mailto:access@abdn.ac.uk)**

### For further details and guidance about the Summer School:

**Tel: +44 (0)1224 273724 (9am - 5pm, Mon-Fri)**

**Email: [SSA-Aberdeen@abdn.ac.uk](mailto:SSA-Aberdeen@abdn.ac.uk)**

### Transfer from College to University

Moving from College to University is a big decision, and you need to find out as much as you can before deciding. We hold various events which are intended to give more information: the University Open Day; Information Days – when FE students can get an “initial glimpse” of university life; Departmental Visits – can be arranged directly with individual departments; and, Skills for Success in HE - a three-day course in September to provide FE students with the necessary skills and knowledge to move smoothly into university study. The University has a number of articulation arrangements agreed with local Further Education colleges which enable access to degree study and also offer entry into advanced study. Students, on completion of a range of HNC and HND courses, can enter appropriate degree courses at level two or

level three. Refer to the pages on probable entry requirements for Arts & Social Sciences, and Sciences for more information.

### Open Lecture Programme

This programme allows members of the general public to attend lectures in a wide range of degree classes without taking the assessments. You can use the programme to develop existing interests in particular subjects, or to explore the range and level of study at university, with a view to deciding whether to commit yourself to degree study.

### Contact Details

Centre for Lifelong Learning  
University of Aberdeen  
Old Aberdeen  
Regent Building  
Aberdeen  
AB24 3FX

**Tel: +44 (0)1224 273528**

**Fax: +44 (0)1224 272478**

**Email: [lifelonglearning@abdn.ac.uk](mailto:lifelonglearning@abdn.ac.uk)**  
**[www.abdn.ac.uk/lifelonglearning](http://www.abdn.ac.uk/lifelonglearning)**

### Aim 4 Uni

Aim 4 Uni is a widening access to higher education scheme developed by the University of Aberdeen. It represents a new approach to the support of pupils and students in schools and colleges. Through one point of contact, Aim 4 Uni offers schools and colleges a wide range of activities and events which are designed to inform and encourage pupils to make appropriate post-school and college study choices. These might include degree studies at the University of Aberdeen as one option.

Aim 4 Uni provides further flexibility in the University of Aberdeen admissions policy where social and economic factors will be considered, along with school examination results, when offers are made.

### Target Group

Aim 4 Uni is concerned with all schools and colleges in the University of Aberdeen's general catchment area of Aberdeen and Aberdeenshire. However, particular focus for support provision is on schools with traditionally low rates of progression to higher education. The support activities provided are mainly for pupils in S4, S5 and S6 to encourage and assist those pupils with potential to succeed in higher education studies. The students from the target group of schools who apply for University of Aberdeen courses, but whose marks do not reflect their true potential, will be given the opportunity to gain entry through successful completion of the Summer School for Access.

### What is Available for Your School or College?

A range of activities and events are available at various times throughout the year for secondary schools and colleges. Arranged through different University Departments, they include both in school/college and on-campus activities and events.

#### Activities in Schools / Colleges

Presentations, information and workshops for pupils, staff or parents - individual or groups of schools - on a range of study and University related topics, for example:

- > Choosing a University
- > The UCAS Process
- > Writing Personal Statements
- > Mock Interviews
- > Money Matters
- > Graduate Careers
- > Study Skills
- > Student Life, Study and Survival
- > Presentations and Events for School and College Staff

While many of these activities will be available for all schools and colleges, some events will only be offered to schools where particular focused support is required.

**'Aim 4 Uni offers a wide range of activities and events to inform and encourage pupils to make post-school and college study choices.'**

### On-Campus Activities

- > Campus Tours and Visits to Departments
- > Open Days (University and Departmental)
- > Applicant Days
- > Primary Seven French Week
- > S2 Saturday Science Masterclass
- > ASPIRENorth 'Try it Out Days'
- > S4 Easter Revision School
- > S6 Science Curriculum Events
- > Student Life Experience Day

For any additional information about the Aim 4 Uni programme, please get in contact using the details below.

#### Contact Details

Joe Whimster  
Aim 4 Uni Officer  
Tel: +44 (0)1224 273118  
Email: aim4uni@abdn.ac.uk  
www.abdn.ac.uk/aim4uni

### Reach Scotland

Reach Scotland will provide information, advice and guidance on applying to high demand professional courses. It is managed and delivered by five partner universities, University of Aberdeen, University of Dundee, University of Edinburgh, University of Glasgow and University of St Andrews.

At Aberdeen, the project works closely to support those aiming to study Medicine and Law by offering a range of on campus activities, work placements, school based workshops and mentoring opportunities.

For more information about the Reach Scotland project, please get in contact using the details below.

#### Contact Details

Shawn Webster  
Reach Scotland Project Officer  
Tel: +44 (0)1224 273117  
Email: shawn.webster@abdn.ac.uk



# Part-Time and Distance Learning

**Many adults wishing to study at degree level sometimes find difficulty in fitting full-time study around work, family and other commitments. The Centre for Lifelong Learning offers an ever expanding portfolio of evening and weekend part-time and distance courses at undergraduate level to ensure people who wish to study part-time have access to a wide range of degree level courses.**

As with full-time undergraduates, part-time students are supported in their studies by a personal academic adviser and a programme team. As well as being assessed by the same standards as full-time students, part-time students have access to all the University's facilities - academic, sporting and social. Students can take several subjects at a time, or concentrate on one. Whatever programme or course is chosen, all credits can be counted towards a degree.

## Admission and Finance

Adult learners may enter most of the Centre for Lifelong Learning's programmes on a part-time basis with no prior qualifications. See the web pages of the Centre for Lifelong Learning for more details:

[www.abdn.ac.uk/lifelonglearning](http://www.abdn.ac.uk/lifelonglearning)

Fees are set at affordable levels and assistance with funding may be available if you are a Scottish domiciled, part-time student classified as a home student for fee purposes:

- > **Fee Waiver:** Students in receipt of certain benefits may be eligible for a 100% remission of fees under a Government funded Fee Waiver scheme. Please contact us for details.
- > **Individual Learning Accounts (ILA):** Students registered on all courses within the Centre for Lifelong Learning are eligible to apply for an ILA. These can be used to offset part-time fees, subject to the conditions of the scheme. Details can be found at [www.ilascotland.org.uk](http://www.ilascotland.org.uk)
- > **Part-time Fee Grants:** Students registered on all courses within the Centre for Lifelong Learning are eligible to apply for a grant. These can be used to offset part-time fees, subject to the conditions of the scheme. Details can be found at: [www.saas.gov.uk/student\\_support/special\\_circumstances/part\\_time\\_dl.htm](http://www.saas.gov.uk/student_support/special_circumstances/part_time_dl.htm)

Please contact us for details of fees for international students and non Scottish domiciled UK/EU students.

## Archaeology/Scottish Archaeology

Archaeology is concerned with understanding human behaviour through the study, analysis and interpretation of the material remains of the past, both prehistoric and historic.

The archaeology courses offered by the University use distance learning technology to enable students throughout the North of Scotland to deepen their knowledge of the archaeology of Scotland, understand changes in archaeological interpretation and techniques, and carry out their own investigations. Practical work and visits to sites are an integral part of many of the courses and a number of summer schools are also available as part of the programme.

## Arts and Social Sciences

The Flexible Arts and Social Sciences Programme converts current on-campus undergraduate courses into online courses supplemented by small group evening tutorials. Harnessing the latest lecture capture technology, full-time University lectures are recorded and made available to part-time students via a secure website. Students attend traditional tutorials in the evenings either face-to-face in Aberdeen or from home via audio or video conferencing and, increasingly, by live web streaming.

All courses carry transferrable undergraduate credits and students can study individual courses or can accumulate credits in a number of courses to qualify for the awards of Higher Education Certificate, Higher Education Diploma or a Master of Arts Degree.

The programme offers courses in a range of subject disciplines such as: Archaeology, Art History, Business Studies, Education, English Literature, Film Studies, International Relations, Linguistics, Political Science, Scottish History, Religion and Sociology.

## Christian, Religious and Philosophical Studies

Theology itself is one of the oldest intellectual disciplines. It is concerned with the study of Christian faith, life and doctrine. Religious Studies offers the opportunity to study other cultural perspectives both within Europe and beyond. Both encourage the study and understanding of religion as an important aspect of human culture and history. The study of philosophy lies at the heart of much of our culture. Almost without exception, whenever we put forward a firmly held personal viewpoint, we are revisiting arguments which have been debated over the last two millennia.

Students can take courses for interest or build credit towards the award of a BTh degree, both at unclassified and Honours levels. Students wishing to study Philosophy primarily can use credits towards a Certificate in Philosophy.

## Counselling Skills

This programme has been designed for the wide variety of people who wish to know more about counselling skills and a 'counselling approach', either for use in their work or for their own personal development. The purpose of this programme is to enable participants to apply counselling skills in order to support and empower others in a variety of contexts.

The Counselling Skills Programme (COSCA validated) offers the opportunity to study four modules which develop practical skills and award 60 university credits at degree level one and the COSCA (Counselling and Psychotherapy in Scotland) Certificate in Counselling Skills. This is the first stage of training to become a professional counsellor but is of interest to anyone who wishes to develop advanced communication skills.

The Certificate in Counselling Skills Theory, offered at second and third level, offers an opportunity for more in depth theoretical and reflective study.

## Science

The Flexible Science Programme converts current on-campus undergraduate science courses into online courses. Subjects available are:

- > Archaeology
- > Chemistry
- > Computing Science
- > Ecology and Environmental Science
- > Geography
- > Geology
- > Physics

Students are not limited to the online material, but are welcome, whenever they are able, to join on-campus students in lectures, tutorials or practicals, making this an ideal study solution for those working in the offshore industry. Students can take individual courses or can accumulate credits by building up passes in a number of courses to qualify for the awards of Certificate and Diploma. Inclusion of appropriate subjects in the curriculum can allow direct admission to year 2 or 3 of a full-time or part-time BSc curriculum.

## Scottish Studies

Do you ever wonder why we speak the way we do? Or why there are so many different religions in Scotland? Or why the Scottish landscape looks the way it does? Is there something distinctive about Scottish writing? Have you ever wondered about the history of your family or your home area? You can explore these and many other intriguing questions in courses offered in this programme.

## Education Programmes (BA/Part-Time)

**The School of Education offers a number of BA/part-time courses/programmes at undergraduate level. In the main, these have as a target audience; those involved in professional fields of work associated with – social pedagogy; further education; adult education; community education; social care; young people and families; family therapy; out of school care; nursery provision; childcare and protection. Students will, in some cases, be self-funding, and in others will be sponsored by their employer.**

### **BA (Honours) in Social Pedagogy (BASP)**

The BA in Social Pedagogy is offered in partnership with the Camphill School in Aberdeen (CSA) and participating communities and organisations. The programme attracts an international student group. Most students are volunteer co-workers in Camphill Communities, while a small number are employed by the communities or other organisations.

Social Pedagogy is a multi-disciplinary professional activity, integrating elements of care, education, therapeutic and creative activities in the work with children and adults with complex needs and usually taking place in the context of community living.

The Camphill context of therapeutic settings and community living provides a rich and varied learning environment for students undertaking the programme. The design of the programme enables students to be active in the work in their community/ workplace whilst undertaking their studies.

The programme is structured into four key thematic areas. The themes covered are:

- > Principles, Theories and Approaches
- > The Developing Practitioner
- > Supporting Individuals with Complex Needs
- > Creative Action

Each theme is explored in increasing depth at each of the four stages.

The programme aims to provide practitioners with learning opportunities, resources and structured practical experience supported by reflection on practice in the workplace that will enhance professional awareness and personal effectiveness and provide a recognised qualification.

The programme is structured over five years and four months.

Students have the option of exiting with a Certificate, Diploma, Ordinary or Honours Degree in Curative Education, all of which are recognised as professional qualifications for work in social care settings.

For further information, contact:  
**Programme Secretary - BASP Programme**  
**Tel: +44 (0)1224 274636**  
**Email: bace@abdn.ac.uk**

### **BA in Childhood Practice (BACP)**

The BACP is designed to meet the continuing professional development (CPD) needs of adults working with children from 0-16 within all sectors of provision.

The BACP is structured into four levels, each level being equivalent to one year of a full-time undergraduate degree. Each level (SCQF levels 7-10) will normally take two years to complete. There is a range of options for entering and exiting the programme at a level appropriate to an individual's level of education and experience. Distance learning is the main mode of delivery.

Courses are structured across four core areas of study relevant to all childcare and education settings. The themes covered by the programme are: The Child in the Sociocultural Context; Child Development and Learning; The Developing Professional; Personal Research and Enquiry.

For further information, contact:  
**Programme Secretary - BACP Programme**  
**Tel: +44 (0)1224 274502**  
**Email: bacp@abdn.ac.uk**  
**www.abdn.ac.uk/bacp**

### **BA in Professional Development (BAPD)**

The BAPD is an innovative degree programme, which focuses on offering CPD opportunities for those involved in a wide range of professions. The programme has flexible entry and exit points. Currently only year three of the degree programme is offered. To be considered for entry at this level, applicants must normally have a qualification at HND level or equivalent. Access through Recognition of Prior Learning is also available. Open learning is the main mode of delivery. Courses target those associated with further education, young people and families, adult learning, literacies, child protection, community learning, social care and family therapy.

Individuals can register for single courses, 'clusters' of courses or the degree. Examples of 'clusters' of courses for particular professions are: the Certificate in Adult and Community Learning; the Teaching Qualification (Further Education).

### **Certificate in Adult and Community Learning**

This certificate is designed for the continuing professional development of those working in the adult learning and community learning contexts.

It comprises four courses at SCQF level 9, each of 15 credits selected from: Adults' Learning; Designing and Implementing Learning for Adults; Communities Learning; Community Work and Community Development; Understanding Literacies; Developing Literacies; Working with Children and Young People; Therapeutic Approaches to Working with Families. Courses are designed to assist participants to balance theory and practice.

### **Teaching Qualification (Further Education) TQ(FE)**

The TQ(FE) is designed for full/part-time lecturers employed in Scotland's Colleges. The programme comprises four 15 credits courses at SCQF level 9 or level 11.

It is available through supported open learning and includes learning activities presented in an online environment, discussions, self-evaluation, reflective practice, self-directed study and assessment, as well as group workshops and assessment tutorials that take place either on the campuses of Colleges that have negotiated agreements or online in a virtual classroom.

Candidates must satisfy the entry requirements laid out in the Scottish Executive's 'Professional Standards for Lecturers in Scotland's Colleges'. Access arrangements exist for alternative qualifications. Recognition and exemption may be gained from parts of the programme. Lecturers awarded the TQ(FE) are eligible for registration with the General Teaching Council for Scotland.

**Programme Secretary - BAPD Programmes**  
**Tel: +44 (0)1224 274734**  
**Email: bapd@abdn.ac.uk**



**See The Difference**

View this page through your 3D glasses!





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BENJAMIN BENTLEY  
PHILLOSOPHER  
LIGHT IN THIS  
COLLEGE

**LECTURE IN PROGRESS**

**When you study at Aberdeen, your degree will have all of the quality and depth of the traditional Scottish degree, but will also offer you more choice, wider opportunities, better support and more flexibility.**

# Guide to **Our Degrees**

# Degrees in Arts & Social Sciences

MA (Designated)

MA (Honours)

**Arts & Social Science subjects are based at the picturesque King's College campus, originally established in 1495. There are a wide range of programmes on offer, providing students with a huge amount of choice and flexibility to tailor-make their own degree.**

## Choose your Degree

Accountancy	80	German	96	Natural Philosophy	108
Anthropology	81	Hispanic Studies	97	Philosophical Studies	70
Archaeology	82	- Latin American		Philosophy	109
Behavioural Studies	83	- Spanish		Physics	
Celtic Civilisation	84	History	98	(see Natural Philosophy)	108
Celtic Studies	85	History (Part-time)	70	Politics &	
Christian Studies	70	History of Art	99	International Relations	110
Computing	86	Information Systems		Psychology	111
Counselling Skills	70	& Management	100	Real Estate	112
Divinity	87	International Relations		Religious Studies	113
Economics	88	(see Politics & IR)	110	Scandinavian Studies	114
English	89	Language & Linguistics	101	Scottish Studies	115
English & Scottish		Languages and		Scottish Studies	
Literature (see English)	89	Literature of Scotland	102	(Part-time)	70
European Studies	90	Legal Studies	103	Sociology	116
Film and Visual Culture	91	Literature in a		Spanish	
Finance	92	World Context	104	see Hispanic Studies)	97
French	93	Management Studies	105		
Gaelic Studies	94	Mathematics	106		
Geography	95	Music Studies	107		

[www.abdn.ac.uk/cass](http://www.abdn.ac.uk/cass)







### The MA in Arts & Social Sciences

Most first year classes are open to you even if you have not studied the subjects before, and you can usually go on to Honours in any subject that particularly interests you, even if it is not the subject you applied for via UCAS. You can graduate with an Honours degree in a modern language having started as a beginner in your first year and all Single Honours MA degrees are available with options in a European language. All degrees have core courses, but your freedom to combine subjects is generally limited only by the timetable. The MA can be taken as an Honours (four year), or a Designated (three year) degree.

### A Historic Campus

Students taking Arts & Social Science subjects are based at the picturesque King's College campus, the site where the University was originally established in 1495. Its historic character is reflected in the variety of places used in teaching: you may find yourself looking out towards the North Sea from a room in the seventeenth century Cromwell Tower, taking part in a seminar in the Old Brewery, or listening to a lecture in ivy-clad New King's - 'new' because it was built as recently as 1870. Of course, you will also have classes in up-to-date lecture theatres and seminar rooms fully equipped with the latest technology.

### What Kind of Degree?

Honours degrees in Scotland normally take four years to complete, though if you have appropriate qualifications you can enter at second or even at third year level. Honours students can specialise in their third and fourth years in one particular subject (Single Honours), in two (Joint Honours) or in the case of Scottish Studies, three (General Honours). You can also take an Honours degree in which you add a 'minor' in a subject like Music to your 'major' subject. Honours degrees are classified, that is to say you will be awarded a first-class, upper-second, lower-second, or third-class degree.

If you decide against an Honours degree, a three-year degree is available. The Designated MA is available in most subjects. It allows some subject specialisation, but is not classified. In addition, there is a general degree of MA which focuses on subject breadth rather than discipline specialisation.

### Changing Your Subject

The tradition in Scotland is to admit students to a degree programme rather than to a particular subject or course. You do have to put specific subjects and course codes on your UCAS application, but essentially we admit you to the MA degree programme rather than specifically to an MA in Anthropology or History or Philosophy, for example. As a result, it is possible in most cases to change your Honours preference after you have begun your course.

### Employment Prospects

'Arts' degrees are often thought of as educationally attractive but not strongly job-related. In fact, some degrees within the Arts & Social Science area are strongly vocational: most graduates in Accountancy, Computing, Mathematics and Economics, for instance, will have no difficulty in finding a job, and will be employed because of the knowledge and skills they have learned at university.

As with most science graduates, however, the majority of graduates in Arts & Social Science subjects go into careers in which they do not use their subject knowledge directly. They nevertheless have access to a wide range of career openings, because more than 40% of the vacancies notified to university careers services, or advertised in the broadsheet press, are for holders of degrees in any subject. Employers are looking for the qualities that any good graduate will have - intelligence and energy; research, retrieval and presentation skills; adaptability and the capacity to learn quickly; good time-management; IT competence, and the ability to take responsibility and to work reliably without supervision. Your studies - whatever the subject - are only part of the story: employers will be just as interested in how much you gained from the informal opportunities universities offer to extend your experience, take risks, and show enterprise, whether in the Debating Chamber, on a university expedition, performing in a concert or working for Amnesty International.

### Entry Requirements

With the very wide range of Arts & Social Science degrees offered, some in subjects available at school level, but many not, it is appropriate that these degrees should have a very flexible entrance policy. Entry requirements are rarely subject-specific: we are more interested in your overall ability than in the precise content of your pre-university studies.

In most cases, you do not need a prior qualification in the subject to enter a first year course, even if the subject in question is one that is on the school curriculum. There are some exceptions, but they are rare.

When you apply, do not worry too much about getting your subject choice absolutely right on your application. If you find your interests changing, you will usually be able to change your degree intention accordingly.

### Advanced Entry

The traditional four-year MA Honours degree with its 'two-plus-two' structure (two pre-Honours years followed by a two-year Honours programme), allows you to experiment with new subjects in your pre-Honours years, and perhaps change your Honours intention, while still completing your degree in the normal time. However, if you are clear about what you want to study, and have (or are likely to get) good qualifications in the subject or subject area you have applied for, it is possible to complete an Honours degree in three years. In your first year, you would take a combination of first and second year courses, and then proceed to third year in your second year of study. Direct entry to the second year of study is possible in most subject areas covered by the MA degree. To qualify for advanced entry, prospective Single Honours students must hold an A-grade pass at A Level, or an A-grade pass at Advanced Higher, in the subject they wish to study for their degree. Prospective Joint Honours students may be admitted directly to second year courses if they hold an A and B-grade pass at A Level, or one A-grade pass and one B-grade pass at Advanced Higher in the subjects concerned.

See table on page 79 for more information.

### Curriculum Reform

You may have the opportunity to take Enhanced Study options as part of your degree and participate in co-curricular activities. See page 14 for more information.

## Probable Entry Requirements for 2013 – MA/MA (Honours)

Type of Qualification	General Requirements	First Year Entry	Second Year Entry	Subject Requirements
<b>SQA - Scottish Qualifications</b>	S at levels 1, 2 or 3 in English	Minimum of 4H at BBBB obtained at a single sitting of Hs or 5H at BBBBB obtained over two sittings, or 3AH at BBC  Group Awards will be taken into consideration for entry purposes although additional H or AH passes may be required. S Grade Maths needed for entry to Accountancy, Economics, Finance	Is possible in most school based subjects. Adv H at A in the subject selected for Single Honours, or AB in the subjects selected for Joint Honours	For some degrees a specific subject is required, see subject section for details
<b>GCE - General Certificate of Education</b>	GCSE in English or English Language	Minimum of 3 A Levels at BBB or 4AS at AABB GCSE Maths needed for entry to Accountancy, Economics, Finance	A Level at A in the subject selected for Single Honours plus BB, or AB in the subjects selected for Joint Honours plus a further B	For some degrees a specific subject is required, see subject section for details
<b>ILC - Irish Leaving Certificate/ Ardeistimeireacht</b>	O in English or in English Language	Minimum of 4H at BBBB obtained at a single sitting of Hs or 5H at BBBBB obtained over two sittings. The grading within band B must be at B2 or above		For some degrees a specific subject is required, see subject section for details
<b>IB - International Baccalaureate</b>	SL in English	Minimum of 30 points with at least 15 points at HL	Minimum of 34 points (including 6 at Higher in subject(s) selected)	
<b>EB - European Baccalaureate</b>	Pass First Foreign Language - English	Minimum of 75% overall		
<b>National Diplomas</b>		Minimum of DDM		
<b>Higher National Certificates</b>		Pass with B grade in assessment unit		Articulation agreements exist for some subjects with local FE Colleges, see below
<b>Higher National Diplomas</b>			Pass in Related Subject (restrictions apply)	Articulation agreements exist for some subjects with local FE Colleges, see below

### Offers of Admission

Applicants should note that achieving the minimum entrance requirement will not guarantee an offer of admission. We have many more applicants than places, and most of them meet our minimum entrance requirements, consequently we may need to ask for more than the minimum. This might take the form of further academic qualifications or better grades, and an applicant's academic profile will normally be the most significant factor in our decision making. Additionally, certain features of the personal statement may help to strengthen an applicant's case.

### New 14-19 Diploma Qualification

We have considered the acceptability of the new 14-19 Diploma for our undergraduate degree courses and our entry requirements have been modified to accommodate the new qualification.

Please visit [www.ucas.com](http://www.ucas.com) for more information.

### Scottish Baccalaureate

This qualification will be considered alongside Advanced Highers, for direct entry into year two across a range of degree programmes.

### Articulation Agreements

#### Aberdeen College / Banff & Buchan College

HND students who have successfully completed their studies in Accounting, Administration & Information Technology and Social Sciences may be able to gain advanced entry to certain University of Aberdeen degree programmes in related subjects.

### Partnership Agreements

#### Sabhal Mòr Ostaig

Direct entry to Year 2 of MA in Gaelic Studies on successful completion of HNC Gaelic/Gaelic and Communication (with Enhancement Exam) or CertHE from *An Cùrsa Comais*.

**Accountancy** students will acquire a thorough understanding of the theory and practice of accountancy, and gain business skills that will prepare them for employment in positions of responsibility.

#### Why Choose Aberdeen?

- ▶ **The University of Aberdeen is the first academic institution to subscribe to Thomson Reuters Eikon in the UK and Ireland. This flagship trading floor integrates real activity in financial markets directly into your courses. The platform is used by major financial services companies across the world. You gain experience of sophisticated financial management technology placing you at the leading edge with skills that employers are seeking**
- ▶ **You will develop intellectual skills through analysing and evaluating accounting information, and through critically evaluating the role of accounting information in a modern economy**
- ▶ **You will be introduced to central accounting and business topics by active researchers in these fields**

#### Degree Programme Structure and Content

Accounting and accountants come in many different shapes. Some have trained with a professional firm of accountants after university and specialise in assessing the accounts of companies. Others work for one company producing their accounts and providing information for managers. Still others work in public organisations. The vast majority of these accountants will have done a degree and then undertaken the exams of one of the accounting institutes. One of the advantages of doing an accounting degree may be exemption from some of the exams of the professional bodies, although this should not override all other considerations. The professional bodies also have an experience requirement that needs to be fulfilled.

The University of Aberdeen Business School is aware that we need to prepare you for the future. The four years of the course provide a background for the career possibilities ahead, with flexibility for you to build on your strengths and tailor your degree.

#### First Year

There are two **Accounting** courses in the first year. **Accounting and Accountability**, which is offered in the first half-session, will introduce the social, political, legal and professional context of accounting and accountability. **Accounting and Entrepreneurship**, which is offered in the second half-session, will introduce accounting information recording techniques and decision-making tools in the context of small and medium sized businesses.

By the end of the year, students will be able to appreciate (1) social and political roles of accounting and how accounting helps businesses to meet a set of professional and legal requirements, and (2) how accounting information is processed in small and medium sized businesses.

Students are also introduced to financial valuation, investment appraisal and financial markets in the first level **Finance** course and to fundamentals of economics and management. Students will also be able to choose other options from both within the Business School and in the rest of the University.

#### Second Year

There are four core level 2 courses: **Financial Accounting 2, Management Accounting 2, Understanding Statistics** and **Business Finance**. In addition, students take a **Business Law** course and may take various optional courses including **Personal Finance** and **Market Regulations**.

#### Third and Fourth Year (Honours)

Students studying Single or Joint Honours Accountancy take **Auditing, Management Accounting 3, Financial Accounting 3** in third year, and **Accounting Theory** in fourth year. Other accounting, finance, and non-accounting options are available to supplement these core courses. Examples are: **Taxation; International Financial Management; Corporate Finance; Derivatives & Treasury Management; Empirical Methods in Finance; Integrative Studies in Accountancy; Critical Perspectives on Accounting; International Financial Statement Analysis and Business Information Systems**. Honours students will complete a dissertation in Accountancy (or in their other Joint Honours subject). A **Research Methodology** course, in the first semester of fourth year, will help prepare you for this capstone project.

#### Teaching and Assessment

We employ a range of teaching methods, emphasising transferable skills such as group work, presentation techniques and IT skills, in order to produce highly skilled graduates for the accountancy and related professions. Teaching methods include lectures, seminars, tutorials, workshops and student presentations.

#### Your Future

The majority of our students become chartered accountants in professional practice, industry or the public sector. Some choose alternative careers in management, education or banking and finance.

#### What You Need

**SQA Highers BBBB**

**A Levels BBB**

**S Grade/GCSE Maths**

**IB 30 points, 15 points at HL**

See table on page 79 for more information.

**UCAS Code see page 198**

#### Advanced Entry

Available only with experiential or other qualifications at post A Level or Advanced Higher Standard. See page 78 for more information.

#### Can We Help?

**Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

**Single Honours Programme in Accountancy**

#### Joint Honours Programmes with

Anthropology, Divinity, Economics, Finance, French, Geography, German, Hispanic Studies, Legal Studies, Management Studies, Philosophy, Real Estate, Sociology

#### Major-Minor Honours Programmes with

Computing, French, German

#### Related Honours Programmes in

Economics, Finance, Management Studies, Real Estate

#### Professional Accreditation

A significant benefit of having studied Accountancy and/or Finance is that degrees in these subjects can form part of a direct path to being granted exemptions given by professional institutes from the examinations necessary to get professional qualification status. For example, at the University of Aberdeen, courses are accredited by the *Institute of Chartered Accountants of Scotland (ICAS)* so that you would receive credit for courses that you would otherwise need to undertake, while working full-time. In the job market, these exemptions can make you particularly attractive to employers.

#### Course Information


[www.abdn.ac.uk/business](http://www.abdn.ac.uk/business)


**General Information**

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#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



**Need more Info?**  
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**Anthropology** is the study of human societies and cultural differences, at all places and in all times. Its approach is comparative, holistic and gives a view of social life 'from the inside'.

#### Why Choose Aberdeen?

- > At Aberdeen we have one of the youngest and fastest growing programmes in Anthropology in the UK
- > We offer innovative ideas and a fresh vision of the subject, with an emphasis throughout on work at the cutting-edge of the discipline, and on problems of pressing concern for people throughout the world
- > The opportunity to work with staff and postgraduate students who are actively engaged in internationally recognised research
- > Unrivalled strengths in the fields of the anthropology of the North and the study of art, creativity, visual representation and material culture are reflected in teaching
- > Benefit from our close links with programmes such as Sociology and Politics, and from the resources of the University's Museums and Elphinstone Institute, with their extensive anthropological and ethnological collections

#### Degree Programme Structure and Content

Anthropology is available as a Designated degree which can be obtained after three years of study. It takes four years of undergraduate study to obtain an Honours degree.

#### First Year

There are two introductory courses, **Introduction to Anthropology: Peoples of the World** in the first half-session, and **Introduction to Anthropology: Questions of Diversity** in the second. These courses introduce key theories and approaches, as well as issues of contemporary anthropological debate.

#### Second Year

**Perceiving Cultural Difference** focuses on issues of symbolism, kinship and relatedness, identity, language and culture. The course also provides basic training in anthropological writing and bibliographic research.

**Understanding Social Relations** explores key social, cultural and political issues in an anthropological and historical framework.

#### Third and Fourth Year (Honours)

In third year, students take courses in **Anthropological Research, Society and Nature, Anthropological Theory and Writing Anthropology**. Students are introduced to the major concepts and theoretical debates of the discipline, gain insight into the practice, politics and ethics of doing and writing ethnography, and learn about qualitative methods of research and analysis. Students also begin work on their individual research projects.

In fourth year, students complete their individual research projects and choose courses on a range of special topics. These include: **Indigenous Media; Aboriginal Rights in a Global Context; Language in Culture and Society; Material Culture and Museums; Anthropology of the North; Knowledge, Creativity and Ownership; and Indigenous Rights and Technology**.

#### Teaching and Assessment

Most courses are taught through lectures and small-group seminars and are assessed by a combination of essays and formal examinations.

#### Your Future

Anthropology challenges students to think critically and equips them with practical skills in working with people in a variety of cultural contexts. Graduates work in research and teaching, in television, radio and journalism, with overseas development agencies and non-governmental organisations, as well as many other fields and professions.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

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#### Your Study Options

**Single Honours Programme in**

Anthropology

**Designated Degree in**

Anthropology

**Joint Honours Programmes with**

Accountancy, Archaeology, Behavioural Studies, Celtic Civilisation, Divinity, Economics, English, Film & Visual Culture, Finance, French, Gaelic Studies, Geography, German, Hispanic Studies, History, History of Art, International Relations, Language and Linguistics, Legal Studies, Literature in a World Context, Management Studies, Philosophy, Politics, Psychology, Religious Studies, Sociology

**Related Honours Programmes in**

Archaeology, Celtic Civilisation, Divinity, Sociology

#### Course Information


[www.abdn.ac.uk/anthropology](http://www.abdn.ac.uk/anthropology)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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**Archaeology** is a diverse and wide-ranging discipline that spans the humanities and physical sciences and is unique in exploring the human past in its entirety. In seeking to understand how ancient people lived their lives and engaged with their environment, archaeologists ask the questions that can provide us with the tools to tackle global challenges in the present.

#### Why Choose Aberdeen?

- > Archaeology at Aberdeen has a northern focus unique in the UK, covering the heritage of Scotland, Scandinavia, northern Europe, the North Atlantic and the northern latitudes of Asia and North America
- > Strong inter-disciplinary approach, drawing on the strengths of related academic subjects across the University of Aberdeen within both humanities and the physical sciences
- > Aberdeen is at the heart of a region that is among the richest in the UK in terms of sites of outstanding archaeological interest and is in close proximity to the World Heritage sites in Orkney
- > Excellent laboratory facilities and library holdings. Research active staff among the world leaders in their fields

#### Degree Programme Structure and Content

##### First Year

##### The Human Past: An Introduction to World Prehistory:

- > Being and becoming human
- > Transformations in human society
- > Perceptions of the past

##### Archaeology in Action:

- > The study of the past
  - > Doing archaeology
  - > The study of material culture
- Plus six courses chosen from other disciplines.

##### Second Year

- > Interpreting the Past
  - > Archaeologies of Social Life
  - > Archaeology of the North: Colonisation and Culture Contact
  - > Archaeology of the North: Lifeways and World-Views
- Plus four courses chosen from other disciplines.

##### Third Year (Junior Honours)

- > Advanced Archaeological Practice
- > Archaeological Fieldwork Portfolio
- > Archaeological Research Project Part 1
- > The Archaeological Workplace

Plus three course options chosen from a range available: **Scottish Archaeology, North American Archaeology, Archaeological Science, Archaeologies of Landscape, Hunter-Gatherers, Viking Archaeology, Geoaerchaeology, Human Palaeoecology**, or courses from related disciplines.

##### Fourth Year (Senior Honours)

- > Archaeological Research Project Part 2
- > Current Issues in Archaeology

Plus four advanced course options chosen from a range available.

Please note that a BSc in Archaeology is also available for those students who would enjoy taking science options (e.g. Geography, Geology) alongside Archaeology in first and second year. Please see page 191 for more information.

##### Teaching and Assessment

All students attend lectures, seminars, tutorials, and laboratory-based practicals, and make a number of excursions to ancient monuments and museums in Scotland. In the Honours years there is an emphasis on field and research skills, with a required fieldwork component. A dissertation provides students with the opportunity to tackle an original piece of research.

Honours students will participate on departmental field projects in Scotland and elsewhere in the northern world, where they will receive practical training in survey, excavation and documentation methods. There are also opportunities for places on our field schools in Iceland and Alaska. Beyond the formal training projects, students are strongly encouraged to improve their practical skills by seeking additional field and placement work. Staff are happy to advise and help with such opportunities, which include projects based overseas.

Assessment is by means of written exams and different types of continuous assessment, depending on the course. In the first year, continuous assessment takes the form of essays, but in upper years it also includes critical reviews, posters, laboratory assignments, field notebooks and oral presentations.

##### Your Future

The curriculum is designed to equip graduates with the practical and research skills required to work as professional archaeologists.

The broad-based nature of the discipline enables graduates to compete strongly in the market place. The analytical and communications skills acquired by Archaeology graduates make them sought-after in a wide variety of fields including industry, commerce, research and a range of professions.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

##### Single Honours Programme in

Archaeology

##### Designated Degree in

Archaeology

##### Joint Honours Programmes with

Anthropology, Celtic Civilisation, History, History of Art, Philosophy, Scandinavian Studies

##### Related Honours Programmes in

Anthropology, Celtic Civilisation, Geography, Geology, History, History of Art, Scottish Archaeology

#### Course Information

[www.abdn.ac.uk/archaeology](http://www.abdn.ac.uk/archaeology)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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#### THE ABERDEEN DIFFERENCE

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**Behavioural Studies** at Aberdeen brings together internationally recognised researchers in social cognition, health cognition and occupational/ industrial psychology in a supportive and stimulating teaching environment.

#### Why Choose Aberdeen?

- > There are a range of specialised laboratories including those for brain imaging analysis, eye movement recording, movement analysis and visual neuroscience
- > The School is the oldest in the UK, being founded over 100 years ago, and maintains a strong commitment to providing a supportive and stimulating environment for undergraduate studies

#### Degree Programme Structure and Content

Courses are available at levels 1 to 4. There is a *British Psychological Society (BPS)* accredited Honours degree and a Designated degree in Psychology. Application for entry to Honours occurs at the end of second year, and is based on academic performance achieved during that year. Students not continuing to Honours Psychology may complete the Designated degree or the Behavioural Studies Honours degree.

#### First Year

The **Concepts and Theory** course includes lectures and workshops on: **Biological Psychology; Lifespan Development; Animal Learning and Behaviour; Cognitive Psychology; Perceptual Psychology; Social Psychology.** The **Methods and Applications** course includes lectures and practical classes on all aspects of research methodology and descriptive data analysis in psychological research.

#### Second Year

There are lectures on: **Developmental Psychology; Behavioural Neuroscience; Language and Cognition; Organisational Psychology; Perception; Social Psychology; Clinical Psychology.** The **Methods and Applications** course builds on the research methodology gained at level 1 to examine more complex experimental designs and statistical methods.

#### Third and Fourth Year (Honours)

At level 3, there are lectures, tutorials, and practicals on: **Biological Psychology; Developmental Psychology; Human Memory and Language; Perception; Psychological Assessment; Social Psychology.**

At level 4, students carry out and report a library-based review project. They also select six options, currently from the following list: **Evolutionary Psychology; Human Neuropsychology; Applications of Cognitive Neuroscience; Abnormal Psychology; The Cognitive Neuroscience of Person Perception; Cognition and Learning; Neuropsychology of Visual Awareness; Perspectives on Social Attribution; Brain and Body; Human Factors.**

#### Variations

Students doing the Joint Honours programmes (all Psychology programmes are BPS accredited) take a full prescribed curriculum of level 3 Psychology courses split across third and fourth year, and complete a smaller empirical project in their final year. The Major-Minor degrees include language courses at levels 1, 2 and 4. At level 4, students select four of the Psychology options instead of six.

It is also possible to study Behavioural Studies as a BSc degree. See page 157 for details.

#### Teaching and Assessment

Teaching is by means of lectures, laboratory practicals, workshops and tutorials, and individual supervision of a thesis topic in fourth year. Assessment is by means of examination and continuous assessment.

#### Your Future

Behavioural Studies graduates have many employment opportunities (occasionally after further postgraduate training) in psychology-related fields. Further areas benefiting from an understanding of the human mind and behaviour include careers in education, business, marketing and advertising.

Further details of opportunities for graduates can be obtained from the BPS website: [www.bps.org.uk/careers](http://www.bps.org.uk/careers)

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in Behavioural Studies**

**Joint Honours Programmes with** Anthropology, Economics, Legal Studies, Management Studies, Philosophy, Sociology

**Major-Minor Programmes with** French, German, Gaelic

**Related Honours Programme in Psychology**

#### Course Information

[www.abdn.ac.uk/psychology](http://www.abdn.ac.uk/psychology)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

[facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)

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Students intending to do a Behavioural Studies degree can study abroad as part of their degree programme in second year, subject to approval of the overseas curriculum by the Head of School.

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#### THE ABERDEEN DIFFERENCE

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**Celtic Civilisation** (as distinct from the more language-oriented degree programme in Celtic Studies) concentrates on all aspects of the history, literature, and culture of the Celtic-speaking peoples from antiquity to the present through the medium of translations.

#### Why Choose Aberdeen?

To study Celtic Civilisation is to study one of the most fascinating strands in European civilisation, which has influenced the political history, literature and history of ideas from classical antiquity right up to the present. The self-image of the ancient Greeks and Romans, the medieval political history of Britain and Ireland, the development of medieval courtly and romance literature, the awareness of national identities in the age of humanism, the growth of nationalist ideas in the nineteenth century and the recent upsurge of interest in what are widely taken to be Celtic pre-Christian religious ideas can only be fully understood by reference to Celtic Civilisation. To study it is to study the development of our modern world-view.

- > Enthusiastic and knowledgeable staff with a wealth of teaching experience
- > A wide range of courses
- > Geographical proximity to numerous sites of interest

#### Degree Programme Structure and Content

##### First Year

In first year, all students in Celtic Civilisation are given an introduction to the early history and culture of the Celtic peoples, with courses in **Celts, Romans, Druids and Warriors** and **Celtic Scotland**.

##### Second Year

Second year students are offered a range of courses focusing on particular facets of the medieval and modern history, literatures and cultures of the Celtic-speaking peoples. Topics covered at levels 1 and 2 include **Celtic Archaeology, Traditional Celtic Religion, Contacts with the Roman World, the Spread of Christianity** and the **Impact of Vikings**. In the second semester of the second year there is a course on **The History of the Celtic Languages** for students who want to broaden their knowledge of the historical background to Gaelic, or to consider going for the more language-oriented degree programme in Celtic Studies in their third and fourth years.

##### Third and Fourth Year (Honours)

From third and fourth year, students make their own selection from a range of optional courses which changes from year to year, covering various aspects of the political, social, literary and cultural history of the Celtic-speaking peoples and the ways in which the culture of the ancient and medieval Celts has been viewed in the modern period. Students may choose to write a dissertation in Celtic Civilisation or in their other Honours subject.

##### Your Future

Graduates in Celtic Civilisation have received a thorough grounding in writing, research, computational and presentation skills. The study of Celtic Civilisation equips students with a sound knowledge of the cultural, historical, archaeological and linguistic heritage of Britain, Ireland and continental Europe, which they may use in a wide variety of careers or in postgraduate research work.

#### What You Need

**SQA Highers BBBB**

**A Levels BBB**

**IB 30 points, 15 points at HL**

See table on page 79 for more information.

**UCAS Code see page 198**

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

**Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

##### Joint Honours Programmes with

Anthropology, Archaeology, Divinity, English, French, Gaelic Studies, German, Hispanic Studies, History, History of Art, Language & Linguistics, Literature in a World Context, Philosophy, Religious Studies, Scandinavian Studies, Sociology

##### Related Honours Programmes in

Anthropology, Archaeology, Celtic Studies, Divinity, Gaelic Studies, History

#### Course Information


[www.abdn.ac.uk/celtic](http://www.abdn.ac.uk/celtic)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



**Need more Info?**

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**Celtic Studies** (as distinct from the degree programme in Celtic Civilisation) concentrates on the study of the history and culture of the Celtic-speaking peoples through the medium of texts written in ancient, medieval and modern varieties of Celtic.

#### Why Choose Aberdeen?

These texts comprise ancient Celtic inscriptions carved during the pre-Roman and Roman periods, but above all a wide variety of poetry and prose attested in Britain and Ireland from the early Middle Ages onwards. The subject-matter ranges from early medieval imaginative recreations of the pre-Christian past right up to contemporary narrative and poetic reflections of political, social and philosophical issues.

Bound up with, and supplementary to, the study of the vernacular texts is the study of the archaeological record, of the writings of Greek and Roman authors and of the many different ways in which the ancient and medieval Celts have been looked at from the early modern period onwards. In all these ways, Celtic Studies offers a unique and fascinating approach to European cultural history.

- > Enthusiastic and knowledgeable staff with a wealth of teaching experience
- > A wide range of courses
- > Geographical proximity to numerous sites of historical and archaeological interest

#### Degree Programme Structure and Content

Celtic Studies courses are available from third and fourth year. For first and second year, students will attend courses in **Celtic Civilisation**. In addition, they may also attend courses in **Scottish Gaelic** (highly recommended) which will equip them with a thorough grounding in one of the four modern Celtic languages with a continuous history from the Middle Ages. In view of the linguistic dimension of Celtic Studies, it is essential that students who have done no Scottish Gaelic in their first or second year attend the Celtic Civilisation course on **The History of the Celtic Languages** or show in some other appropriate way that they have acquired appropriate linguistic skills (e.g. first or second year Latin, Greek, Hebrew or other languages).

#### First Year

In first year, all students in Celtic Studies are given an introduction to the early history and culture of the Celtic peoples.

#### Second Year

Second year students are offered a range of courses focusing on particular facets of the medieval and modern history, literatures and cultures of the Celtic-speaking peoples. Topics covered from first and second year include **Celtic Archaeology, Traditional Celtic Religion, Contacts with the Roman World, the spread of Christianity** and the **Impact of Vikings**. In the second semester of the second year there is a course on **The History of the Celtic Languages** for students taking Celtic Studies in their third and fourth years.

#### Third and Fourth Year (Honours)

From third and fourth year, students can learn both **Irish** and **Welsh**, concentrating on the medieval or modern forms of these languages. **Breton, Manx** and **Cornish** may be offered from time to time, and students who have done Scottish Gaelic in first and second year may broaden their knowledge of it and relate it to the other Celtic languages. In addition, there are relevant courses on the historical and cultural background of the medieval and modern Insular Celtic literatures offered in the degree programmes in Celtic Civilisation, History and History of Art.

#### Your Future

Like the students in Celtic Civilisation, graduates in Celtic Studies will have received a thorough grounding in writing, research, computational and educational skills. They will leave the University with a thorough knowledge of the cultural, historical, archaeological and linguistic heritage of Britain, Ireland and continental Europe, which they may use in a wide variety of careers or in postgraduate research work.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in Celtic Studies**

#### Joint Honours Programmes with

Divinity, English, French, Gaelic Studies, History, Scandinavian Studies

#### Related Honours Programmes in

Celtic Civilisation, Gaelic Studies

#### Course Information


[www.abdn.ac.uk/celtic](http://www.abdn.ac.uk/celtic)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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#### THE ABERDEEN DIFFERENCE

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Need more Info?  
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**Computing** degree programmes at Aberdeen are influenced by our internationally recognised research in Artificial Intelligence, Bio and Medical Informatics, and Advanced Web Technologies.

#### Why Choose Aberdeen?

- > **Special emphasis is given to Distributed Information Systems and Knowledge Technologies**
- > **Study provides a breadth of coverage which encompasses both the theory as well as the practice of Computing**
- > **Students are given the opportunity to develop their transferable skills and abilities as independent learners**
- > **Strong links with industry at local, national and multi-national levels lead to industrial placements (in certain programmes) and ensure relevance of the curriculum**
- > **Prizes for academic excellence are awarded in each year of study. These are sponsored by O'Reilly, the British Computer Society, LogicaCMG, EDS and Amazon. Projects are often successfully entered for national competition**

#### Degree Programme Structure and Content

Courses are available from first to fourth year. There is an Honours degree and a Designated degree in Computing.

##### First Year

First year students focus on the foundations of Computing Science, including: how to design and implement programs; relevant mathematical concepts and some of the grand challenges of Computing. They also study two other subjects, depending on their degree choice.

##### Second Year

In second year, students are introduced to core topics in modern computing, with courses in **Algorithmic Problem Solving, Data Management and Human Computer Interaction**. Students develop significant programming skills in a number of languages, and also gain a deeper understanding of related issues.

##### Third and Fourth Year (Honours)

The third year includes a year-long **Software Engineering Project**. Working in teams, students develop a major software system, from an initial analysis to the final delivery. The course emphasises interpersonal teamwork skills as strongly as technical topics. Taught courses cover essential computing topics relevant to the chosen degree, with all Single Honours (Computing) students studying **Knowledge-Based Systems, Distributed Systems and Security, Operating Systems, Adaptive Interactive Systems, Languages and Computability and Enterprise Computing**.

The fourth year also involves a substantial project, but this time students work individually on a specific topic of interest to them; most projects are research-related and some involve working with local companies. Many of the taught courses are also related to research activity, including **Semantic Web Engineering, Peer-to-Peer and Agent-Based Computing, eScience and Natural Language Processing**.

##### Industrial Placement

Industrial Placements are taken between third and fourth year, or after fourth year.

##### Teaching and Assessment

All courses are supported by web-based material, usually including full course notes. Lectures in the first two years commonly include live computer demonstrations. In third and fourth year, as well as completing a project, students enjoy a variety of lectures and practicals. Assessment is by a mixture of coursework and examination.

##### Your Future

The employment record of our graduates is excellent with the vast majority entering occupations of their choice within three months of graduation in sectors as diverse as banking, pharmaceuticals and computer game development. Recent employers include IBM, Amazon, BP, Conoco, Hewlett Packard, EDS, LogicaCMG, SAIC, Scottish Hydro Electric, Scottish & Newcastle Breweries, British Telecom, QinetiQ, the Health Service and local councils.

#### What You Need

**SQA Highers BBBB**

**A Levels BBB**

**IB 30 points, 15 points at HL**

See table on page 79 for more information.

**UCAS Code see page 198**

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

**Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

**Single Honours Programme in Computing**

#### Joint Honours Programmes with

Mathematics\*, Philosophy

\*Joint Honours Computing and Mathematics - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

#### Major-Minor Programmes with

Accountancy, Economics, Finance, Mathematics, Management Studies

#### Related Honours Programmes in

BSc Artificial Intelligence, BSc Computing Science, BSc Information Systems, BSc Geographical Information Systems, MA Information Systems and Management

#### Professional Accreditation

The *British Computer Society (BCS)* recognises our Single Honours degrees for professional membership without additional examinations.

#### Course Information


[www.abdn.ac.uk/ncs/computing](http://www.abdn.ac.uk/ncs/computing)


#### General Information

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 [@aberdeenui](https://twitter.com/aberdeenui)

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#### THE ABERDEEN DIFFERENCE

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**Divinity** concentrates on the study of Christian faith, life and doctrine in a historical, cross-cultural and contemporary context.

#### Why Choose Aberdeen?

- > A tradition of theological study and excellence going back to 1495
- > Courses for a vast range of interests: from the languages of early Christianity, to the historical struggles of Reformation Scotland
- > An international community of scholars, studying all aspects of theology, ministry and religious studies
- > Excellent library facilities, beautiful surroundings and a warm welcome!

#### Degree Programme Structure and Content

The Master of Arts (MA) in Divinity may be taken as a Designated or as an Honours degree, and may be studied part-time (in this case applications are made directly to the University, not through UCAS).

These are the courses currently running. However, please note that they may be subject to change:

#### First Year

**Church History (The Rise of Christianity); Old Testament (Introducing the Hebrew Bible); Practical Theology (Religion at Ground Zero); Systematic Theology (Basic Christian Doctrine); New Testament (Jesus and the Gospels).**

Sustained Studies courses of particular interest to Divinity students are: **Biblical Hebrew I and II; New Testament Greek I & II; Latin 1 and 2.**

#### Second Year

**Old Testament Theology; The Pilgrim City (Medieval Church); Christian Doctrine and Practice; What is Truth? John's Gospel and Letters (English or Greek texts); Paul of Tarsus (English or Greek Texts); History and Religion of Ancient Israel; The Mission and Message of Paul the Apostle to the Gentiles; Power and Piety; The Pilgrim City; Major Christian Thinkers; What Does it Mean to be Human: Learning from the Margins.**

Sustained Studies: **Hebrew Language III and IV; Reading New Testament Greek 1 and 2; Intermediate Latin 1 and 2.**

#### Third and Fourth Year (Honours)

**Church History (Luther, Calvin and the Shaping of Protestantism; Reformation and Revolutions; The Theology of the Early Church; Scottish Theology); Hebrew Bible III & IV; Practical Theology (Spirituality, Health and Healing; Christian Ethics; Transforming Mission; Theological & Pastoral Perspectives on the Contemporary Family; Theological Explorations in Disability, Community, and Humanness); Systematic Theology (Contemporary Issues in Christian Doctrine); New Testament (Set Texts; Advanced Greek; The Historical Background of the New Testament; New Testament Theology).**

In all years students also have access to a wide range of courses in Religious Studies, which may be incorporated into their degree. Applicants to the MA in Divinity may also be interested in the Bachelor of Divinity Bachelor of Theology and MA in Religious Studies degrees.

The Bachelor of Divinity (BD) is a degree with a specific focus on a future in the Church of Scotland.

The Bachelor of Theology (BTh) is specifically directed at people who are interested in a future as a teacher.

See page 118 for more information.

#### Teaching and Assessment

The School has a flexible approach to teaching and assessment, utilising a combination of small and large group teaching assessed through examinations, essays and personal dissertation. The acquisition of communication, IT and team working skills is emphasised.

#### Your Future

Our graduates have gone on to enjoy careers in a wide range of fields including the ministry, media, journalism, teaching, administration, government and publishing.

#### What You Need

**SOA Highers BBBB**

**A Levels BBB**

**IB 30 points, 15 points at HL**

See table on page 79 for more information  
UCAS Code see page 198

#### Advanced Entry

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#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in**

Divinity

#### Joint Honours Programmes with

Accountancy, Anthropology, Celtic Civilisation, Celtic Studies, Economics, English, Film and Visual Culture, Finance, French, Gaelic Studies, German, Hispanic Studies, History, History of Art, International Relations, Language & Linguistics, Legal Studies, Literature in a World Context, Philosophy, Politics, Sociology

#### Major-Minor Programme with

Music Studies

#### Related Honours Programmes in

Anthropology, Celtic Civilisation, Sociology

#### Course Information


[www.abdn.ac.uk/divinity](http://www.abdn.ac.uk/divinity)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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#### THE ABERDEEN DIFFERENCE

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**Economics** at Aberdeen provides a range of skills that will help you understand business and financial decisions, political processes, social reforms and international relations.

#### Why Choose Aberdeen?

The best reason to study Economics is to gain a greater understanding of the world around you. In addition, an Economics degree offers excellent employment opportunities or serves as a first rate foundation from which to pursue postgraduate study.

- > The University of Aberdeen is the first academic institution to subscribe to Thomson Reuters Eikon in the UK and Ireland. This flagship trading floor integrates real activity in financial markets directly into your courses. The platform is used by major financial services companies across the world. You gain experience of sophisticated financial management technology placing you at the leading edge with skills that employers are seeking
- > Study in a strong, internationally recognised research environment in areas such as labour and energy economics
- > Benefit from an excellent teaching environment, which is committed to the needs of industry - developing general transferable skills and an integration of research into teaching
- > Develop intellectual skills by analysing and evaluating a range of contemporary economic problems
- > Gain analytical skills that are important in a wide variety of careers in business, government, education, or private research and consulting
- > Study a subject that is both interesting and which offers considerable scope for career advancement (new Economics graduates can gain relatively high earnings)
- > There is an active Economics Society which organises annual trips to various economic institutions including the European Union (Brussels), the European Central Bank (Frankfurt), International Labour Office (ILO) and the Organisation for Economic Co-operation and Development (Paris)

#### Degree Programme Structure and Content

Courses are available from first to fourth year. There are Honours and Designated degrees in Economics.

#### First and Second Year

The first two years of study comprise an introduction to the essential framework of economic theory.

#### Microeconomics (The Economics of Business and Society and Microeconomics 2)

studies the behaviour of the individual unit in the economy such as the consumer, worker or firm. It tackles the fundamental economic problem that resources are scarce, which forces choices regarding what goods to produce and consume.

#### Macroeconomics (The Global Economy and Macroeconomics 2)

analyses the behaviour of the economy as a whole in order to explain the level and growth of national income, unemployment and of inflation in both a domestic and international setting.

#### Third and Fourth Year (Honours)

The Honours years in Economics offer a high quality, technical programme that is suitable as a preparation for postgraduate study. The programme also follows the long established Scottish tradition of investigating economic problems within a variety of political, social and historical contexts.

#### Teaching and Assessment

Course delivery is via a mixture of lectures, seminars and small group tutorials. Increasing use is made of web-based learning. Assessment is by coursework and examinations.

#### Your Future

Economics graduates have a large range of employment opportunities open to them. Recent graduates have found employment as petroleum economists with the Alberta State Government (Canada) and ConocoPhillips; as economists with the World Bank and the Institute for International Economics (both in Washington DC), the European Central Bank in Frankfurt and Crown Agents (international development) in London; as accountants with Deloitte & Touche, Deutsche Bank, Ernst & Young and KPMG; as finance professionals with Mobil North Sea (Ltd), Morgan Stanley, Newton Investment, Scottish Life, Scottish Provident and Royal Bank of Scotland.

#### What You Need

SQA Highers BBBB

A Levels BBB

S Grade/GCSE Maths

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in Economics

#### Joint Honours Programmes with

Accountancy, Anthropology, Divinity, English, Finance, French, Gaelic Studies, Geography, German, Hispanic Studies, History, History of Art, International Relations, Legal Studies, Literature in a World Context, Management Studies, Mathematics\*, Philosophy, Politics, Psychology, Real Estate, Sociology

\*Joint Honours Economics and Mathematics - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

#### Major-Minor Honours Programme with Computing

#### Related Honours Programmes in

Accountancy, Finance, Management Studies, Real Estate, Sociology

#### Course Information


[www.abdn.ac.uk/business](http://www.abdn.ac.uk/business)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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#### THE ABERDEEN DIFFERENCE

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**English** at Aberdeen is a dynamic subject embracing both literature and language. Our flexible, modular degree programmes allow you to develop your own interests and enthusiasms while acquiring advanced critical and communicative skills that will prepare you for a wide range of careers.

#### Why Choose Aberdeen?

- > **Attractive courses covering all periods of English literature plus Scottish, Irish and American literature, and creative writing with our prize-winning Writer-in-Residence, Alan Spence**
- > **Friendly and committed teaching staff at the forefront of research in their field**
- > **Excellent library resources built up over 500 years, combined with state-of-the-art IT facilities**
- > **A range of teaching methods, from lectures and seminars to small-group tutorials and individual supervision**

#### Degree Programme Structure and Content

##### First and Second Year

The first year will introduce you to the critical study of literature in two consecutive courses. In **Reading Writing**, you will study both poetry and prose through a consideration of the author, the reader and the literary text. You will follow this with **Controversial Classics**, a course focused upon the study of modern literary classics that have provoked strong cultural reactions. The second year will build on these foundations, offering courses such as **Encounters with Shakespeare** and **The Tragedy of Knowledge**.

##### Third and Fourth Year (Honours)

At Honours level there are over 60 courses on offer, ranging from medieval and Renaissance literature to Romanticism, Victorianism and Modernism, contemporary Scottish and Irish writing, American literature and aspects of European literature in translation.

Third year courses are broad-based, covering periods or themes, and are taught through lectures and seminars. Fourth year courses promote deeper understanding and more focussed discussion, and are taught in seminar groups of up to 15 students. The Honours programme concludes with a supervised dissertation on a topic of your choice.

#### Teaching and Assessment

For each course, you will typically be studying one literary text per week. You will be encouraged to read relevant critical and contextual material on the texts you are studying, and also be introduced to some important theoretical approaches to literature. From first through to third year you will follow a programme of lectures supported with a weekly small group tutorial or seminar. You will produce essays and other forms of coursework that will count towards your assessment, and in most courses you will also have an end-of-course examination. In tutorials and seminars you will participate in group projects and have the opportunity to give individual presentations on some courses; these will also be assessed along with your performance in class.

Overall you follow a structured programme in first and second year, with a wide range of choice available to you when you reach Honours level, enabling you to choose the areas you wish to study.

#### Your Future

Graduates in English have received a thorough grounding in the sorts of writing, research, computational and presentation skills that are vital to many careers. Students graduating with a degree in English can feel part of a thriving field that can lead them into careers as diverse as publishing, teaching, research, journalism, banking, arts and research funding, speech therapy and television and radio broadcasting.

#### What You Need

**SOA Highers BBBB**

**A Levels BBB**

**IB 30 points, 15 points at HL**

See table on page 79 for more information.

**UCAS Code see page 198**

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

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**Call us: +44 (0)1224 272090/91**

#### Your Study Options

##### Single Honours Programmes in

English, English and Scottish Literature

##### Joint Honours Programmes with

Anthropology, Celtic Civilisation, Celtic Studies, Divinity, Economics, Film and Visual Culture, Finance, French, Gaelic Studies, German, Hispanic Studies, History, History of Art, International Relations, Language & Linguistics, Legal Studies, Literature in a World Context, Management Studies, Philosophy, Politics, Religious Studies, Scandinavian Studies, Sociology

##### Major-Minor Programme with

Music Studies

##### Related Honours Programmes in

Film and Visual Culture, Gaelic Studies, History, Language & Linguistics, Languages and Literature of Scotland, Literature in a World Context, Scottish Studies

#### Course Information


[www.abdn.ac.uk/english](http://www.abdn.ac.uk/english)


#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

 [facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)

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 The Department encourages students to study abroad and attempts to be as flexible as possible in facilitating their arrangements. At present student exchanges are available with the universities of Bonn, Karlsruhe, Regensburg, Freiburg, Naples, Vienna, Trieste, Liege, Oslo, Dublin and Venice. It is also possible to study on an international exchange. See page 25 for information.

 See page 26 for information.

#### THE ABERDEEN DIFFERENCE

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**Need more Info?**  
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**European Studies** allows students to take a combination of languages and 'Europe' related areas in Politics and International Relations, History, Law, Sociology, Economics and more. Whilst the first two and the final year are spent in Aberdeen, the third year is spent abroad.

#### Why Choose Aberdeen?

- > The Aberdeen degree is a well established programme
- > It is taught by leading experts in the field
- > The University of Aberdeen Library is a European Documentation Centre with a reference collection of official documents and other materials from the European Union Institutions and Agencies
- > For year abroad studies, strong links have been built with universities in Belgium, France, Germany, Austria, Spain and Switzerland

#### Degree Programme Structure and Content

Courses are available from first to fourth year. European Studies is an Honours degree.

#### First Year

In the first year, students follow courses in **Comparative European Politics, European History and Integration** and in one or two languages chosen from **French, Gaelic, German and Spanish**.

#### Second Year

All students continue with one or two language courses, and **History of Integration** and **Politics** courses. Additionally, some students can choose from a wide range of courses available.

#### Third and Fourth Year (Honours)

The third year is spent abroad: one semester in the country of one of the selected languages, another semester in that of the other language. Students who take only one language or who have decided that they wish to take only one language in fourth year, spend a full year in the country of that language.

While abroad, students will normally attend approved university courses, and may also be able to spend a semester in a European institution. In their final year, students may opt for both, or only one, of their two languages, take a compulsory course (the dissertation, a long essay on a subject chosen during the year abroad), and have a wide choice of further options.

#### Teaching and Assessment

Teaching is generally in small groups (seminars and tutorials), especially for language classes. Assessment is by a mixture of continuous assessment and oral and written examination.

#### Your Future

The aim is to enable students to think beyond national boundaries, to feel confident in an international context and thus extend their career opportunities. European Studies is an avenue to a wide variety of careers. The analytical, oral and written skills you develop during your studies are highly sought after by prospective employers.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in European Studies**

#### Related Honours Programmes in

French, Gaelic Studies, German, Hispanic Studies

#### Course Information

[www.abdn.ac.uk/european\\_studies](http://www.abdn.ac.uk/european_studies)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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#### THE ABERDEEN DIFFERENCE

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**Need more Info?**

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**Film and Visual Culture** at Aberdeen is in a period of exciting expansion, and the focus is now on global cinema in respect to other art forms and visual culture, and film production courses at Honours level.

#### Why Choose Aberdeen?

- > The study of cinema explores the most vital medium of the twentieth century, taking account both the nature of film as an art-form, and of the cultural contexts in which films are produced. By making connections between global communications, new technologies, international politics and aesthetic practices, Film and Visual Culture aims to develop an awareness of how media affect pressing questions of contemporary life
- > What distinguishes this programme is its interdisciplinary focus. Rather than compartmentalise the study of media and film in terms of form, genre, history, theory or area studies, we believe it is essential to engage all of these issues in a way that fosters an awareness of the historical culture and aesthetic politics
- > Aberdeen has excellent library facilities and collections, well-equipped screening facilities, and lecture and seminar rooms adapted for specialist film teaching. Our new Media Lab contains video editing suites and a range of new high definition cameras and other production equipment

#### Degree Programme Structure and Content

##### First Year

**Introduction to Film and the Cinematic Experience** provides an introduction to the analysis of film form. The course introduces students to the primary visual, sound and narrative conventions of visual media. We discuss issues of framing, mise-en-scène, montage, sound, narrative structure, cinematography, cinematic style and ideology. **Introduction to Visual Culture** introduces students to the key concepts and theories that shape the fluid field of visual culture in an era when the visual landscape has become digital, virtual, viral and global.

##### Second Year

The second year core courses **Cinema and Modernity**, and **Cinema and Revolution** examine an exceptionally rich and diverse choice of films from around the world.

Students are introduced to various national cinemas and movements covering the last 100 years of cinema history; and consider the principal aesthetic, cultural and institutional factors influencing their distinguishing features.

With an emphasis upon making both connections and disconnections between cinemas and film theory, these courses encourage students to understand and appreciate how film is a peculiarly modern art form.

##### Third and Fourth Year (Honours)

Students select from a variety of Honours course options. Depending on the particular year offerings, which draw on staff research expertise, these may include modules on such areas as **Minor Cinemas**, **Cinematic Cities**, **God at the Movies**, **Transport Technologies**, **Creaturely Cinematics**, **The Politicization of the Aesthetic** and **Bodies on Screen**. Courses are also offered on French, Hispanic and German cinema. In addition, different types of courses integrating theory and practice are available on **Documentary Film**, and **Panoptic Digital Culture**, and students may write their dissertation in some area of Film and Visual Culture, and include a practical element.

##### Teaching and Assessment

Film is a popular subject, and first and second year courses therefore involve large lecture classes. However, weekly tutorials enable closer work with the tutor and with other students. Marks for the course are normally based in part on participation in these tutorials, and involve research, essays, exams and Web CT written submissions, depending on individual course requirements.

Honours courses are based on seminars which encourage active participation.

##### Your Future

The Film and Visual Culture degree is designed to specialise your knowledge in the academic study of cinema, placing an emphasis on enhancing your analytical skills in research and critical writing. In addition, students have an opportunity to develop skills in digital video production and web design. This focus should provide a useful platform for further study or for a career in film industry broadcasting, new media, journalism, teaching and other related fields. New opportunities in Scottish broadcasting are available through our Joint degree in Film and Visual Culture and Gaelic Studies.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

##### Single Honours Programme in

Film and Visual Culture

##### Joint Honours Programmes with

Anthropology, Divinity, English, French, Gaelic Studies, German, Hispanic Studies, History, History of Art, International Relations, Literature in a World Context, Philosophy, Politics, Religious Studies, Sociology

##### Related Honours Programmes in

English, History of Art, Sociology

#### Course Information


[www.abdn.ac.uk/film](http://www.abdn.ac.uk/film)


General Information

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#### THE ABERDEEN DIFFERENCE

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**Finance** students will gain a powerful understanding of the principles of finance and acquire business skills that prepare them for employment in positions of responsibility.

#### Why Choose Aberdeen?

- > The University of Aberdeen is the first academic institution to subscribe to Thomson Reuters Eikon in the UK and Ireland. This flagship trading floor integrates real activity in financial markets directly into your courses. The platform is used by major financial services companies across the world. You gain experience of sophisticated financial management technology placing you at the leading edge with skills that employers are seeking
- > You will study in a dynamic teaching and research environment and benefit from the latest ideas that are important in Finance
- > You will learn about crucial areas such as financial management, corporate finance, personal finance, financial institutions, derivatives and the stock market
- > You will develop intellectual skills by analysing and evaluating financial problems
- > You will gain practical skills, helping you to read and extract information from financial newspapers and documents
- > You will be in the main European centre for the offshore oil and gas industry, where many multinationals and financial services firms have offices in the city

#### Degree Programme Structure and Content

Courses are available from first to fourth year. We offer a four year Single or Joint Honours degree in Finance, and a three year Designated degree in Finance.

#### First and Second Year

In their first two years, students take courses in: **Accounting, Economics, Personal and Corporate Finance, Financial Markets and Regulation and Statistics**. You will have the opportunity to take options in many other subjects if you wish.

#### Third and Fourth Year (Honours)

Specialised finance courses for Honours students include: **Corporate Finance, Derivatives and Treasury Management, International Financial Management and Empirical Methods in Finance**. Students may also take Finance related courses such as **Property Investment, International Management and Organisational Change**. Additionally, students write a dissertation on an aspect of Finance.

#### Teaching and Assessment

We employ a wide range of teaching methods, and we emphasise the development of transferable skills through group work and presentation techniques.

We also encourage the development of information technology skills. Teaching methods include lectures, seminars, tutorials, workshops and student-led presentations.

Web-based learning is increasingly used as a teaching resource. The Scottish Higher Education Funding Council rated the teaching programmes in the Department as 'Highly Satisfactory'.

#### Your Future

You will develop the analytical skills and applied techniques required for a wide range of careers in the financial sector. Finance students are highly sought after in the private and public sector, both nationally and internationally and there are signs that this demand is likely to continue because of the increasing number of innovations in financial markets globally. A Finance degree will give you an excellent general business education and equip you with the ability to use words and numbers in order to address a wide variety of important issues. Our degrees are highly valued and there is a high demand for our graduates.

#### What You Need

SOA Highers BBBB

A Levels BBB

S Grade/GCSE Maths

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in Finance

#### Joint Honours Programmes with

Accountancy, Anthropology, Divinity, Economics, English, French, Geography, German, Hispanic Studies, History, History of Art, International Relations, Legal Studies, Literature in a World Context, Management Studies, Philosophy, Politics, Real Estate, Sociology

#### Major-Minor Programme with

Computing

#### Related Honours Programmes in

Accountancy, Economics, Management Studies, Real Estate

#### Course Information


[www.abdn.ac.uk/business](http://www.abdn.ac.uk/business)


General Information

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**French** at Aberdeen has an outstanding reputation, having been rated 'Excellent' (the highest possible rating) in the most recent national Teaching Quality Assessment, and ranked in the top 5 UK French departments in terms of research classified as 'world-leading' or 'internationally excellent' in the most recent RAE exercise.

#### Why Choose Aberdeen?

- > We offer language courses both for students with qualifications in French and for beginners or near beginners
- > The Department has an international reputation for research, covering not just France, but Francophone Africa and Caribbean, and the wide range of our research interests is reflected in the Honours options courses we offer
- > We are a medium-sized, friendly department, and the student-run French Society organises a range of social events

#### Degree Programme Structure and Content

Courses are available from first to fourth year. There is an Honours degree and a Designated degree in French.

Single Honours in French Studies, and most Joint Honours involving French, are available either as Mode A degrees (5 years) including a full academic year spent in a French-speaking country, or as Mode B degrees (4 years) including half an academic year spent in a French-speaking country. For both degrees the programme for first and second year is identical, so no final decision need be made before December of second year. Candidates are strongly recommended to apply initially for the Mode A degree. For Joint Honours in French-German and French-Hispanic Studies, one half-session is spent in a French-speaking country, and one half-session in a country in which the other language is spoken.

#### First Year

One set of courses is for beginners or near beginners. These provide intensive tuition in written and spoken language, including classes with native speakers, and an introduction to modern French culture, literature and society. Another set is for students with SQA Higher grade or GCE A Level or equivalent. These include written and spoken language and the study of 20th century culture, literature, film and society. In both cases, students not wishing to proceed to Honours in French may study language alone.

#### Second Year

Language work includes written and spoken language classes, reading and listening comprehension. Ex-beginners have an extra language class. **Literature, Culture and Society** courses study the theme of French national identity at different periods; **French Linguistics** may also be studied. Again, students not wishing to proceed to Honours in French may study language alone.

#### Third and Fourth Year (Honours)

French language courses are available in third and fourth year for students not wishing to proceed to Honours, as well as for Honours students. They include written and spoken language classes. In addition, third and fourth year students study cultural, social and literary topics.

The two-year Honours programme gives considerable emphasis to the development of language skills. As well as classes in written and spoken language, all students develop their communication skills through practical application of French in different contexts. Additionally, students in both Honours years make their own selection from a wide range of options covering literature, film, linguistics and the study of French society and culture from the Middle Ages to the present day. Single Honours students write a dissertation on a topic of their choice, and Joint Honours students write a dissertation for one or other of their two Honours subjects.

#### Teaching and Assessment

Language courses are taught in small groups, while literature and culture courses are taught by a combination of lectures and tutorials. Courses in first and second year are assessed by end-of-course examination. Good coursework can lead to exemption from the examination with the exception of the new beginners' language course. Honours options are examined by continuous assessment, and language courses by final examinations.

#### Your Future

Graduates in French go on to a wide variety of careers. Some make direct use of their language skills, as for example in teaching, export or the tourist industry, while others use the more generally applicable communicative, analytical and organisational skills they have acquired.

#### What You Need

SQA Highers BBBB\*

A Levels BBB\*

IB 30 points, 15 points at HL.\*

\*No previous qualification in French is required for entry to the beginners' course. For other level 1 courses (see below), a pass in French at Higher or A Level is required.

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in French

#### Joint Honours Programmes with

Accountancy, Anthropology, Celtic Civilisation, Celtic Studies, Divinity, Economics, English, Film and Visual Culture, Finance, Gaelic Studies, Geography, German, Hispanic Studies, History, History of Art, International Relations, Language & Linguistics, Legal Studies, Literature in a World Context, Management Studies, Mathematics\*, Philosophy, Politics, Religious Studies, Sociology

\*Joint Honours French and Mathematics - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

#### Major-Minor Programmes with

Accountancy, Behavioural Studies, Music Studies, Psychology



Course Information

[www.abdn.ac.uk/french](http://www.abdn.ac.uk/french)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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**Gaelic Studies** is a wide-ranging discipline covering Gaelic language, literature and culture, with an emphasis on the modern world. Links with other Celtic languages, especially Modern Irish, are explored.

#### Why Choose Aberdeen?

- > The Department has a strong reputation for its teaching of Gaelic to students with no previous knowledge of the language, and also welcomes students who have already studied Gaelic, or who are native speakers
- > The Department is pioneering a specially designed short residential language course to bring students to fluency and continues to be one of the best places in the world to learn Gaelic. Students can progress to Honours level whatever their standard on entry
- > Enthusiastic and knowledgeable staff with a wealth of teaching experience
- > A range of entry levels (from absolute beginner to native speaker)
- > A range of degree options are available
- > The student-run Celtic Society is famous for its musical events, ceilidhs and trips, and it provides an opportunity to use Gaelic in an informal, social context
- > A unique summer school giving students the chance to practice their Gaelic in a natural environment

#### Degree Programme Structure and Content

Courses are available from first to fourth year. There are Single and Joint Honours degrees and a Designated degree in Gaelic Studies. It is possible to combine Gaelic Studies with Celtic Civilisation as a Joint Honours degree.

#### First and Second Year

Students in Gaelic Studies join one of three Scottish Gaelic language streams: beginners, learners (Higher at 'B' or above), or native speakers (Higher at 'Pass' or above). Classes concentrate equally on the four language skills of reading, writing, listening and speaking. In addition, students are given an introduction to Gaelic culture and literature. Native speakers follow a specially tailored course throughout their four years.

#### Third and Fourth Year (Honours)

Students in third and fourth year have a core of language work, and make their own selection from a range of optional courses which changes from year to year. They cover aspects of the literature, culture and history of the Gaelic-speaking community, and sometimes branching out into other Celtic languages. Single Honours students write a dissertation on a specialised topic of their choice, and Joint Honours students may also choose to do so instead of one of their options.

#### Teaching and Assessment

Teaching is generally in small groups, with an emphasis on seminars and tutorials. Assessment is by a mixture of continuous assessment and oral and written examinations. Students will have around five hours of classes per week in first year, rising to around 10 hours per week for Single Honours students in third and fourth year.

#### Your Future

Employment opportunities for graduates fluent in Scottish Gaelic are very good. Broadcasting, teaching, lecturing, the print media and librarianship are among the careers on which our students have successfully embarked. With the launch of a new digital Gaelic TV channel there is a high increase in demand for Gaelic graduates to work in the media. Other careers make use of the excellent communicative, analytical and organisational skills of our Gaelic graduates in a range of business and creative contexts. Some of our graduates go on to postgraduate research.

#### What You Need

SQA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in Gaelic Studies**

#### Designated Degree in

Gaelic Studies

#### Joint Honours Programmes with

Anthropology, Celtic Civilisation, Divinity, Economics, English, Film and Visual Culture, French, Geography, German, Hispanic Studies, History, History of Art, Language & Linguistics, Literature in a World Context, Management Studies, Politics, Religious Studies, Scandinavian Studies, Sociology

#### Major-Minor Programme with

Gaelic Studies as the Minor with: Mathematics\*, Psychology

\*Mathematics with Gaelic Studies - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

#### Related Honours Programmes in

Celtic Civilisation, Celtic Studies, English, English and Scottish Literature, European Studies, French, German, Hispanic Studies, Scottish Studies

#### Course Information


[www.abdn.ac.uk/celtic](http://www.abdn.ac.uk/celtic)


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**Geography** is the study of the earth's surface, with particular emphasis on the relationships between people and their environment. Few other subjects cover such a diversity of phenomena, combining elements of the natural sciences, the social sciences and the humanities.

#### Why Choose Aberdeen?

- > **Aberdeen is a great place to study Geography.** The department ranks highly in student satisfaction surveys and the region's spectacular mountain and coastal areas provide perfect field sites for the study of geography. We have recently introduced a new geography curriculum designed to provide students with key skills and knowledge required by employers
- > **The curriculum enables students to study across the full range of the discipline, or to specialise in aspects of environmental, human or physical geography, according to their preferences**
- > **Many courses in physical geography, including specialist Honours options, draw directly on the staff's own research into hydrology, glaciology, contemporary environmental issues and urban-rural change**

#### Degree Programme Structure and Content

##### First Year

Two core courses offer a broad introduction to the study of geography at an advanced level. Lectures cover key topics such as climate change, the behaviour of ice sheets, plate tectonics, natural hazards, water resources, ecological change, rural and urban development, poverty and sustainability. Lectures are supported by a programme of practical work that includes spreadsheet skills for data analysis, field sampling techniques, PowerPoint presentation skills and training in the writing and referencing techniques required for university-level study. We also encourage students to choose 'outside' courses – for example, in geology, archaeology, international relations or environmental science – that complement their geographical interests.

##### Second Year

Four option courses are offered, of which students must choose at least three: **Physical Environments; Perspectives in Human Geography; Mapping & Monitoring the Environment; Environment & Society**. All students must also take **Skills & Techniques in Geosciences**, which includes a residential field trip.

##### Third and Fourth Year (Honours)

Core courses on **Approaches to Geography, Research Design and Geographical Issues** examine the subject's history, its key perspectives and techniques and its contemporary relevance.

Although compulsory, all of these courses offer a choice of lectures and coursework assessments that cover the full range of geography, so students are free to pursue their favourite aspects of the subject. Option courses at level 3 provide further training in practical aspects of physical and human geography (e.g. use of remote sensing and geographical information systems; statistical analysis of sediments, vegetation or census data) and associated concepts and topics (e.g. environmental change; places, regions and globalisation; environment and conservation). There is also a choice of international field trips; these level 3 courses feed into advanced level 4 options that draw directly on the staff's research expertise. In physical geography these specialist studies include glaciology, hydrology and past environmental change. Specialist options in human geography include transport, resource use and rural change. To complete their studies, Honours students produce a dissertation; an advanced, independent research project on a topic of their choice.

It is also possible to study Geography, combined with other science subjects, as a BSc degree. Please See page 195 for more information.

#### Teaching and Assessment

Courses are taught by a combination of lectures, workgroups and practical tasks tailored to the subject matter. For instance, lectures on research methods and group project planning meetings prepare students for field trips; workshops on advanced research techniques and one-on-one discussions with staff help students to design and carry out their dissertation. All courses are supported by course websites. The assessment for most courses combines exams with coursework, such as one or more of an essay, an oral presentation, a project report or a 'real-world' simulation exercise.

#### Your Future

Studying Geography develops a range of transferable skills such as: critical thinking, research, design and data analysis skills, proficiency in IT and communication skills. Geographers also acquire specialist knowledge of cultural, political, economic and environmental issues. Aberdeen graduates enter a wide range of careers including: environmental management, conservation, planning, government agencies, business and commerce, and work involving technical skills such as surveying, GIS and remote sensing.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in**

Geography

**Joint Honours Programmes with**

Accountancy, Anthropology, Economics, Finance, French, Gaelic Studies, German, Hispanic Studies, History, International Relations, Literature in a World Context, Management Studies, Sociology

**Related Honours Programme in**

Archaeology

#### Course Information

[www.abdn.ac.uk/geography](http://www.abdn.ac.uk/geography)


General Information

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#### THE ABERDEEN DIFFERENCE

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**German** at Aberdeen has an outstanding reputation, having been rated 'Excellent' (the highest possible rating) in the most recent national Teaching Quality Assessment.

#### Why Choose Aberdeen?

- > The University Library has extensive German holdings, and a range of resources of the Language Centre
- > The Department takes a multi-disciplinary approach with courses covering German film and visual culture, gender studies, literature and history
- > Courses focus on Austria and Switzerland as well as Germany
- > A small, friendly department with a flourishing German Club and a Drama Group that puts on an annual play in German

#### Degree Programme Structure and Content

Courses are available from first to fourth year. There is an Honours degree and a Designated degree in German. The length of the programme is normally 5 years, which includes spending up to a year in a German-speaking country.

All students taking an Honours course in German are required to spend at least half an academic session in a German-speaking country. Aberdeen has official exchange scholarships with the Universities of Zurich, Kiel and Greifswald, and also participates in ERASMUS networks. The German Academic Exchange Service (DAAD) awards scholarships on a competitive basis.

#### First and Second Year

**German for Beginners** provides an intensive introduction to the German language for students with no previous knowledge of German, or with qualifications beneath Higher or A Level standard. This course may be taken alone or in combination with courses on social, political and cultural aspects of the German-speaking countries. Students who successfully complete this course may proceed to level 2 courses and thereafter to Honours.

For students with a Higher or A-Level qualification in German, **German Language** courses deal with advanced aspects of German grammar and vocabulary, designed to improve students' command of both written and spoken German. Courses on **Modern German Culture** provide lectures on political, social, and cultural matters of the German-speaking countries in the twentieth century, together with the study of modern German texts.

#### Third and Fourth Year (Honours)

Level 3 and 4 courses offer students considerable flexibility in choosing a programme from a variety of modules. Courses currently on offer include: **Berlin, City of the Twentieth Century; Images of Childhood in German Literature; The 20th Century German Novel; National Socialism; Film and Text; VIENNA 1900; Travel and Tourism in German Literature**; and many more.

#### Teaching and Assessment

Teaching is generally in small groups (seminars/tutorials), especially for language classes. Assessment is by a mixture of continuous assessment and oral and written examination. Students have approximately four hours of taught classes per week in first year. This rises to approximately 10-12 hours per week for Single Honours students in third and fourth year.

#### Your Future

The Department produces graduates valued for their subject knowledge, including an excellent command of spoken and written German and also for the transferable skills that a degree in German from Aberdeen offers. Aberdeen German graduates have an excellent employment record.

#### What You Need

SQA Highers BBBB\*

A Levels BBB\*

IB 30 points, 15 points at HL\*

\*There is no formal requirement for entry to the German beginners' course. A pass in German at SQA Higher, GCE A Level or equivalent is necessary for entry to the German non-beginners course.

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in German**

#### Joint Honours Programmes with

Accountancy, Anthropology, Celtic Civilisation, Divinity, Economics, English, Film and Visual Culture, Finance, French, Gaelic Studies, Geography, Hispanic Studies, History, History of Art, International Relations, Language & Linguistics, Legal Studies, Literature in a World Context, Management Studies, Mathematics\*, Philosophy, Politics, Religious Studies, Scandinavian Studies, Sociology

\*Joint Honours German and Mathematics - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

#### Major-Minor Programmes with

Accountancy, Behavioural Studies, Music Studies, Psychology

#### Other Options

The LLB degree can be taken with options in German or can include the study of German Law. In the BSc degree, German can be taken with Chemistry, Computing Science, Mathematics, Physics, Psychology. The BTh degree can also be taken with German.

#### Course Information


[www.abdn.ac.uk/german](http://www.abdn.ac.uk/german)


General Information

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#### THE ABERDEEN DIFFERENCE

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**Hispanic Studies** focuses not only on the Spanish language but also on the cultures of Spain and Latin America.

#### Why Choose Aberdeen?

Spanish is the second most widely spoken language after English in the western hemisphere. It is currently spoken by 350 million people in 19 Latin-American states, the Spanish Peninsula, and increasingly in the USA.

- > Hispanic Studies at Aberdeen is a dynamic and successful department. Its national research rating is 'good', and its national teaching rating is 'excellent'
- > Courses give equal weight to the study of Spanish and Latin-American cultures
- > The Department's programmes are multi-disciplinary; students have the opportunity to study visual culture, literature, history, politics and anthropology in relation to Spain and/or Latin America

#### Degree Programme Structure and Content

Courses are available from first to fourth year. There is an Honours degree, and a Designated degree in Hispanic Studies.

#### First Year

In addition to two language courses (to be determined by an initial placement test), students take either **Latin America: A Cultural History** or **Spain: A Cultural History**, which focus on history, literature, visual culture, politics, society and anthropology.

#### Second Year

In addition to two language courses, students take **Latin America: Texts and Contexts**, and **Spain: Texts and Contexts**. These courses build further on the multidisciplinary level 1 courses. Students may substitute one of these with the School cross-disciplinary courses - **Literature, History and Thought: 1848 to 9/11**, **Modes of Reading** or **Ethnography for Language Learners**. Students not intending to proceed to an Honours programme in Hispanic Studies may study the language courses alone.

#### Third and Fourth Year (Honours)

Students who reach a satisfactory level or performance in Hispanic Studies in first and second year, and who fulfil the residence abroad requirements, are admitted into Honours. The Honours programme offers advanced language study coupled with a range of courses from the Hispanic Studies Honours programme. Students can choose to specialise in either **Latin-American Studies** or **Spanish Studies**, and a wide range of option courses, covering **Spanish and Latin-American Literature, Visual Culture, Society, Politics, Anthropology, Cultural History and Translation** are available.

#### Teaching and Assessment

Teaching quality in Hispanic Studies has been rated as 'excellent'. All courses use up-to-date resources and teaching and assessment methods. Assessment takes the form of a combination of continuous assessment and examination. Continuous assessment forms a particularly important component of work at Honours level.

#### Your Future

Graduates go on to a wide range of careers some of which, such as teaching and translating, draw directly on their university studies. Others such as journalism, marketing and business draw on the more general academic and personal skills that the degree fosters.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 15 points at HL\*

\*There is no formal requirement for entry to the Spanish beginners' course. Students who already have a qualification in Spanish sit a placement test to determine the language course appropriate to them. All students, whether beginners or with a qualification such as Higher grade, can proceed to Honours, subject to satisfactory performance at levels 1 and 2. See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

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#### Your Study Options

##### Single Honours Programmes in

Hispanic Studies (Latin America),

Hispanic Studies (Spain)

##### Joint Honours Programmes with

Accountancy, Anthropology, Celtic Civilisation, Divinity, Economics, English, Film and Visual Culture, Finance, French, Gaelic Studies, Geography, German, History, History of Art, International Relations, Language & Linguistics, Legal Studies, Literature in a World Context, Management Studies, Mathematics\*, Philosophy, Politics, Religious Studies, Sociology

\*Joint Honours Hispanic Studies and Mathematics - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

##### Major-Minor Programme with

Music Studies

#### Other Options

The LLB degree can be taken with options in Spanish, or can include the study of Spanish Law. In the BSc degree, Spanish can be taken with Chemistry, Computing Science, Mathematics, or Physics. The BTh degree can be taken with Hispanic Studies.

#### Course Information

[www.abdn.ac.uk/spanish](http://www.abdn.ac.uk/spanish)

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 Requirements for residence abroad follow the same pattern as for French (see page 93).

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**History** is one of the broadest disciplines that one can study. The subject involves examining all aspects of human activity in the past. Political, social, economic and cultural contexts may be studied at the level of the individual, the locality, the nation, the continent or the world.

#### Why Choose Aberdeen?

- ▶ In the most recent Research Assessment Exercise (RAE), the Aberdeen History Department came top in Scotland with the highest percentage of research rated 'internationally excellent'
- ▶ Geographically, course offerings spread out from Scotland and Europe to encompass America, Asia and Africa. Chronologically, students are offered a coherent series of courses ranging from the Ancient World to the present day
- ▶ Excellent printed and electronic facilities for History students
- ▶ The Department was rated 'Highly Satisfactory', the second highest ranking, in the last teaching quality assessment and highly commended in an EU sponsored review of teaching

#### Degree Programme Structure and Content

Courses are available from first to fourth year. There is an Honours degree and a Designated degree in History.

#### First Year

Courses include: **Vikings; Europe in the 20th Century; An Introduction to Scottish History; Renaissances and Reformations, c.1450-c.1750.**

#### Second Year

Courses include: **Power and Piety: Medieval Europe, 1100-1500; Birth of Modernity: Politics, Culture and Science in Europe, 1700-1870; Men, Women & Inbetween: Constructions of Gender from 1000 to the Present; Global Empire in the Long 19th Century; History and Philosophy of Science I & II.**

#### Third and Fourth Year (Honours)

In Junior Honours, the History Department offers a range of options and varies year to year. An indicative list of courses include the following: **Conflict and Its Legacies: France, 1900-2007; Cultural History of Medicine; 'World City': London in the Long Eighteenth-Century, 1688-1832; Germany, 1806-1914; The Holocaust; Imperial Russia, 1801-1914; Men, Women & Eunuchs: Gender and Identity in Late Antiquity; Power and Traditions: France, 1799-1900; Science & Religion: From Galileo to Creationism; The Scottish Highlands and Islands; Sexuality**

**and Deviance in Early Modern Europe, 1550-1790; Soviet Russia, 1917-1991; The Third Reich; World War I: International Perspectives; Aztecs, Mayas and Incas; Sex and Violence in Cold Climates; Barack Obama and Race in the US; Late Medieval England, 1272-1509; The Enlightenment in France, Britain and Ireland; Empire in the 'Orient': The British in Asia, 1600-1858; Germany, 1516-1806; Plague, Poison and Persecution, c.1348-1700; American Slavery, American Freedom, US History, 1800-1870.**

In Senior Honours, Single Honours students take a further optional course, a **Special Subject** and a course on **General Historical Problems**. Students must also write a dissertation. Joint Honours students take a Special Subject and either the dissertation or General Historical Problems. The Special Subject involves intensive study, based upon primary sources, of a limited period or problem.

In fourth year, General Historical Problems students may undertake a work placement during the Easter vacation and produce a short report. There is the chance for a limited number of students to fulfil this placement at the Naval Historical Centre in Washington DC. Students only have to pay for their flight and spending money as accommodation with 'host' families is organised for them.

#### Teaching and Assessment

In first and second year, teaching involves three one-hour lectures per week and a weekly hour-long tutorial. At Honours level classes are either seminar-based or a mixture of lectures and seminars. Courses are assessed by examination alone; by continuous assessment alone; or by a combination of examination and continuous assessment. All courses are supported by web-based material.

#### Your Future

Graduate historians are recruited into a broad range of professions which require the critical analysis of diverse kinds of evidence and the understanding of different aspects of human society and culture, which historical education develops.

#### What You Need

**SQA Highers BBBB**

**A Levels BBB**

**IB 30 points, 15 points at HL**

See table on page 79 for more information.

**UCAS Code see page 198**

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

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#### Your Study Options

##### Single Honours Programme in

History

##### Joint Honours Programmes with

Anthropology, Archaeology, Celtic Civilisation, Celtic Studies, Divinity, Economics, English, Film and Visual Culture, Finance, French, Gaelic Studies, Geography, German, Hispanic Studies, History of Art, International Relations, Language & Linguistics, Legal Studies, Literature in a World Context, Management Studies, Mathematics\*, Philosophy, Politics, Religious Studies, Scandinavian Studies, Sociology

\*Joint Honours History and Mathematics - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

##### Major-Minor Programme with

Music Studies

##### Related Honours Programmes in

Archaeology, Celtic Civilisation, English, History of Art, Scottish Studies



#### Course Information

[www.abdn.ac.uk/history](http://www.abdn.ac.uk/history)

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#### THE ABERDEEN DIFFERENCE

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**History of Art** examines the art of all periods. This includes buildings, sculptures, drawings, paintings, prints, and the products of the decorative and industrial arts. At Aberdeen we focus on the Western European tradition, with options in Latin-American art.

#### Why Choose Aberdeen?

- > Aberdeen is an excellent location in which to study History of Art, with the city possessing a wide range of galleries and museums
- > The Department believes in first-hand experience, so fieldtrips take place at each level to visit major galleries and architecture. Subsidised tours are led to Edinburgh, London and Paris. Third year students attend a Reading Party at a country house in Kincardineshire where they are coached in visual and presentation skills
- > The Department is small, friendly and accessible to students

#### Degree Programme Structure and Content

Courses are available from first to fourth year. There is an Honours degree and a Designated degree in History of Art.

#### First Year

Students aiming for an Honours degree normally take two of our three first year courses.

**Introduction to Art History** offers an introduction to the history of art from prehistoric cave paintings to nineteenth-century photography. Focusing on key moments and locations, this course introduces many 'landmark' works to new students.

**Modern and Contemporary Art** is concerned with the period 1850 to the present day. Through an examination of themes such as the changing role of the artist, and the relationship(s) between the artist and society in a time of great change, the emergence and development of Modernism in Western art is discussed.

**In the Flesh: Art on Location** takes students to a range of locations to view art 'in the flesh'. The course is based on a series of visits to see original works (including architecture, sculpture and painting) in Aberdeen and Edinburgh.

#### Second Year

**Goths to Gothic: Roman to Renaissance** covers painting, sculpture and architecture from the period 200-1600, with a special emphasis on the Mediterranean and Northern Europe.

**Renaissance and Baroque: from Michelangelo to Rembrandt** examines in detail European art of the 16th to 18th centuries.

**Making Masterpieces: Ten Works in Context** will analyse the creation and context of ten major works and critically consider their status as 'masterpieces'.

#### Third and Fourth Year (Honours)

Topics currently available include: **Scottish Painting; American Modernism; Early to mid- 19th Century Art; Late 19th and early 20th Century French Art; Caravaggio; Netherlandish and Venetian Painting; Italian and Northern Renaissance; Michelangelo; Romanesque and Country House Architecture; Garden Design; Early Insular Art (British 600-900); Modern Russian Art; Performance Art; Postmodernism.**

All single Honours students take a third year course entitled **Critical Perspectives in Art History** and submit a dissertation on a topic of their own choice in fourth year. Honours students also follow an assessed programme of fieldwork which includes tutor-led visits to London and Paris.

#### Teaching and Assessment

In first year, students attend lectures and tutorials and make a series of tutor-led visits to see art 'in the flesh'. Students take image-based tests, write essays and undertake online assessments for each course.

In second year, students attend lectures and tutorials as well as working in small groups to give group presentations. There is also a tutor-led fieldtrip to Edinburgh. Students are assessed by a combination of essay and image-based examinations and continuous assessment.

Honours courses are generally taught in seminars held twice a week. Students are assessed by a combination of written examinations and continuous assessment. In addition, all single Honours students submit a dissertation.

#### Your Future

A good number of our graduates have obtained work in museums and galleries, art publishing, the art trade, art tours, conservation of wall paintings and historic buildings, theatre design, libraries and universities.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in**

History of Art

#### Joint Honours Programmes with

Anthropology, Archaeology, Celtic Civilisation, Divinity, English, Film and Visual Culture, Finance, French, Gaelic Studies, German, Hispanic Studies, History, Language & Linguistics, Literature in a World Context, Philosophy, Politics, Religious Studies

#### Major-Minor Programme with

Music Studies

#### Related Honours Programmes in

Film and Visual Culture, History

#### Course Information


[www.abdn.ac.uk/hoart](http://www.abdn.ac.uk/hoart)


#### General Information

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## Information Systems & Management

provides a breadth of coverage which encompasses contemporary aspects of both management and computing.

### Why Choose Aberdeen?

- > The programme builds on the international reputation of the University's Business School and Computing Science Department
- > Students are given the opportunity to develop their transferable skills and abilities as independent learners
- > Honours pathways allow students to specialise in either Distributed Information Systems or Knowledge Technologies
- > Considerable flexibility is offered in the choice of management topics to study during the Honours part of the curriculum
- > The Department is equipped with a dedicated network of UNIX-based computers and PCs running Linux and Windows connected to the wider campus network and the internet

### Degree Programme Structure and Content

Courses are available from first to fourth year. Information Systems & Management is a Joint Honours degree.

#### First and Second Year

In first year, students take appropriate courses in **Computing, Management and Accountancy**; in second year, the emphasis is on **Computing and Management**.

#### Third and Fourth Year (Honours)

Honours students divide their time equally between **Computing and Management** courses.

### Teaching and Assessment

The majority of courses are supported by web-based material, usually including full course notes. In third and fourth year, as well as completing a project, students enjoy a variety of lectures and practicals. Assessment is by a mixture of coursework and examination.

### Your Future

The employment record of our graduates is excellent with the vast majority entering occupations of their choice within three months of graduation. Our graduates have taken up posts in sectors as diverse as banking, pharmaceuticals and consultancy. Recent employers include IBM, BP, Conoco, SAIC, Hydro Electric, Scottish & Newcastle Breweries, British Telecom, the Health Service and local councils.

### What You Need

**SOA Highers BBBB**

**A Levels BBB**

**IB 30 points, 15 points at HL**

See table on page 79 for more information.

**UCAS Code see page 198**

### Advanced Entry

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### Can We Help?

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**Call us: +44 (0)1224 272090/91**

### Your Study Options

#### Joint Honours Programme in

Information Systems & Management

#### Related Honours Programmes in

BSc Information Systems, BSc Computing Science, BSc Artificial Intelligence (all also available as MSci with Industrial Placement), MA Computing

### W Course Information


[www.abdn.ac.uk/ncs/computing](http://www.abdn.ac.uk/ncs/computing)


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**Language & Linguistics** will introduce you to, among other things, how human language and speech may have evolved, the complex functions and structures of language in its role as a bridge between sound and meaning, the ways in which we acquire languages as children and adults, the ways in which languages vary, and the mechanisms by which they change over time.

#### Why Choose Aberdeen?

- › Language is a defining human trait that sets us apart from all other species
- › Language is at the heart of human interaction
- › Linguistics teaches us how to analyse, discuss and model this singularly human attribute
- › In studying Linguistics you will understand yourself and human societies more fully
- › At Aberdeen, you will be at the heart of a vibrant linguistics research and teaching community with excellent learning facilities
- › The analytical and practical skills you gain will be of immediate benefit in a wide variety of careers

#### Degree Programme Structure and Content

Language & Linguistics can be studied as a Joint element in a number of Honours degrees and is also a Single Honours Option.

#### First Year

Entry to second year Language & Linguistics is normally dependent on you having achieved a pass in either **Communication and Language in Contemporary Society** or **English Structure and Use** (you are actively encouraged to take both courses). If you do not have a Higher or A Level (or equivalent) in a foreign language you are encouraged to take one at Aberdeen.

#### Second Year

In second year, all Language & Linguistics students must normally take 45 credits from the following courses: **Sounds of English, History of Language in the British Isles, Introduction to French Linguistics or Philosophy of Language, Words and Meanings: Lexis and Semantics, Constructing Words and Meaning: Morphology** (all 15 credits). You will need to have studied prerequisite courses in **French** and **Philosophy** in first year to study these last two courses.

#### Third and Fourth Year (Honours)

At Honours level there are a number of Language & Linguistics courses available dealing with topics such as **Language Variation and Change; The Development of Language in the 19th Century; Discourse Analysis; Sociolinguistic Methodology; Applied Linguistics; Language and Identity; and Language and the Professions.**

#### Your Future

Language & Linguistics at Aberdeen is an avenue to a wide variety of careers. The analytical, practical, oral and written skills you develop during your studies are highly esteemed by prospective employers. Students who choose to specialise in Language & Linguistics at undergraduate level will be well qualified to apply for postgraduate degrees in, for example, speech and language pathology and therapy; English and foreign language teaching; publishing; journalism and broadcasting; and areas relating to information and communication technology. Linguistics at Aberdeen itself offers two Masters programmes: Sociolinguistics and English Linguistics for Advanced Teachers of English (ELATE). Each of these can stand alone or lead to advanced doctoral research.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

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#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

##### Single Honours Programme in

Language & Linguistics

##### Designated Degree in

Language & Linguistics

##### Joint Honours Programmes with

Anthropology, Celtic Civilisation, Divinity, English, French, Gaelic Studies, German, Hispanic Studies, History, History of Art, International Relations, Literature in a World Context, Philosophy, Religious Studies, Sociology

##### Related Honours Programmes in

English, Languages and Literature of Scotland, Literature in a World Context

#### Course Information


[www.abdn.ac.uk/langling](http://www.abdn.ac.uk/langling)


General Information

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**Languages and Literature of Scotland** allows students to combine courses from the disciplines of Celtic and English to gain a knowledge and appreciation of the main linguistic and cultural traditions of Scotland, and of their inter-relations.

#### Why Choose Aberdeen?

The linguistic and cultural history of Scotland is complex. A nation created from diverse elements - Celtic, Germanic and Norse - Scotland has always been multicultural, and even today has three main literary languages: Gaelic, Scots and English.

- ▶ An exciting combination of Gaelic, English and Scottish courses
- ▶ Strong teaching and research interests in Scottish literature in English and Scots
- ▶ Distinguished academic staff with a long history of excellence in research on Scottish literature
- ▶ Opportunity to gain knowledge and appreciation of the language and linguistic traditions of Scotland

#### Degree Programme Structure and Content

Courses are available from first to fourth year. Languages and Literature of Scotland is a Joint Honours degree.

#### First Year

Students aiming for Honours in Languages and Literature of Scotland join one of three **Scottish Gaelic** language streams: beginners, learners (Higher at 'B' or above), or native speakers (Higher at 'Pass' or above). In addition, students are given an introduction to Gaelic culture and literature at the appropriate level. Students must also take first year **English** courses.

#### Second Year

In Celtic, students continue to follow the **Scottish Gaelic** language courses and in **English** take 60 credits from the available second year literature and language courses.

#### Third and Fourth Year (Honours)

In their Honours years, students divide their time equally between **Celtic** and **English**. The Honours dissertation can be submitted in either subject.

#### Teaching and Assessment

In Gaelic language courses, classwork in the form of practical use of the written language always forms a considerable part of the assessment. In most other courses in Celtic, essays (or in some literature classes, textual exercises) also contribute to your overall mark. In tutorial groups, credit is given for regular attendance and for active participation, while in language-learning classes, conversational practice is assessed. There are a small number of advanced language courses in which examination marks count for over half of the assessment.

In English, regular subject discussions and argument in tutorial help to develop self-confidence and powers of expression. All classwork counts towards your assessment. It is marked and returned with comments, so that you know how you are getting on at every stage. The rest of assessment comes from end-of-course examinations and from performance in tutorials and seminars.

#### Your Future

Graduates in Languages and Literature of Scotland have received a thorough grounding in the sorts of writing, research, computational and presentation skills that are vital to many careers. Students can feel part of a thriving field that can lead them into careers as diverse as publishing, teaching, research, journalism, banking, arts and research funding, speech therapy and television and radio broadcasting.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

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#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

Honours Programme in

Languages and Literature of Scotland

Related Honours Programmes in

English, Language and Linguistics, Literature in a World Context, Scottish Studies

#### Course Information

[www.abdn.ac.uk/celtic](http://www.abdn.ac.uk/celtic)

[www.abdn.ac.uk/english](http://www.abdn.ac.uk/english)


General Information

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**Legal Studies** is a Joint degree which allows students to combine Legal Studies with a wide range of other subjects and is an attractive degree for students who wish to combine a study of the Law with another subject.

#### Why Choose Aberdeen?

Law is concerned with the legal rules by which society is regulated, and the legal system(s) in which these rules operate. It is often seen as a purely vocational subject for those who wish to become lawyers, but law is interesting in its own right: a society's laws and legal system are a product of historical, social, political and economic forces and, accordingly, the study of law gives an insight into the nature of society itself. The study of law also fosters important academic qualities including clear, careful and independent thought. Taking Legal Studies at Aberdeen allows you to study a range of law subjects alongside students taking the LLB (Honours) degree. Note that the MA in Legal Studies does not qualify students to enter the legal profession in Scotland (or England).

- > Excellent academic reputation
- > Law School ranked 11th in the UK out of 95 Law Schools in *The Times Good University Guide 2012*
- > High student satisfaction - 95% in National Student Survey 2011
- > Choice of 14 degree programmes
- > Over 40 Honours options
- > Student-led Law Clinic
- > Student Law Review
- > Opportunities to study in continental Europe
- > Ranked highest UK Law School for graduate prospects (93%), *The Times Good University Guide 2012*

#### Degree Programme Structure and Content

Legal Studies is half of a Joint Honours degree. Courses are available from first to fourth year. Students can tailor their selection of courses to match the other half of their degree, taking courses mainly in the areas of e.g. **Commercial Law, Government and Law, European and International Law** or **Criminology and Criminal Justice**. Subjects range from **Criminal Law** or **Civil Liberties and Human Rights** in first year, through **European Union Law** or **Business Law** in second year, to **Criminology** or **European Institutions Law** or **Environmental Law** or **Tax Law** or **Scottish Legal History** in third and fourth year.

#### Teaching and Assessment

Most non-Honours law subjects are taught by a combination of hour-long lectures and tutorials. Each subject generally has two to four lectures per week and three to five tutorial cycles. Lectures are designed to give students a basic grounding in the subject matter of the particular course. Lecture classes are generally large. In contrast, tutorial groups are small (in most first-year courses, generally no more than 10 per group) and student-centred. Tutorials allow selected aspects of a course to be examined in more depth; they also encourage the development of transferable skills. Honours law subjects are generally taught in weekly or fortnightly seminars (normally with no more than 16 students). Seminars, like tutorials, are student-centred, and allow selected aspects of a subject to be studied in greater depth than is possible at non-Honours level.

#### Your Future

An increasing number of Law students (currently over 40%) do not intend to qualify as legal practitioners after graduation. Instead both they and Legal Studies students find that the intellectual qualities and broad education fostered by a legal education equip them well for employment in such areas as chartered accountancy, journalism, management, the civil service, the police force, marketing, administration and postgraduate research.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

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#### Can We Help?

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#### Your Study Options

##### Joint Honours Programmes with

Accountancy, Anthropology, Divinity, Economics, English, Finance, French, German, Hispanic Studies, History, International Relations, Management Studies, Philosophy, Politics, Psychology, Sociology

#### Course Information

[www.abdn.ac.uk/law](http://www.abdn.ac.uk/law)


#### General Information

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**Literature in a World Context** is a unique undergraduate programme, unlike any offered by other universities in the UK. It is based on an innovative conception of literary studies that incorporates cross-disciplinary reflection at its core, focusing on the study of literature in the age of globalization and new media.

#### Why Choose Aberdeen?

> You will study literary works of world renown in the context of new developments in visual culture and information technologies, new understandings of the political at the national and international levels, and within the framework of intellectual history

> If you are interested in thinking about how literature shapes and challenges our understanding of world historical events, then this is the ideal programme for you

#### Degree Programme Structure and Content

##### First and Second Year

There are two core courses in first year: **Encountering Global Change: Literature in a World Context I** and **Creative Practices: Literature in a World Context II**. These courses provide an introduction to the programme, showing how literature takes a vital place in efforts to come to grips with significant global events and developments.

The second year courses, **Literature, History and Thought: 1848 to 9/11** and **Modes of Reading**, build on this foundation, introducing you to literary texts and thinkers of world renown. You will also have the opportunity to study a language as part of your programme.

##### Third and Fourth Year (Honours)

You will take two of three core courses: **Literature and the Political, Technologies of Transmission**, and **Literature and Art in Intellectual History**. In addition, you will have the opportunity to tailor your programme to your own interests, choosing from a selection of courses offered in the School of Language and Literature, including language courses. The Honours programme concludes with a supervised dissertation on a topic of your choice.

#### Teaching and Assessment

Teaching takes place in lectures, in small-groups (seminars and tutorials) and in the form of one-to-one supervision. At all levels, there is an emphasis on seminar-based teaching and active participation. This is reflected in the assessment methods; these include group projects, such as the production of an internet publication, as well as essays and formal examinations.

#### Your Future

Literature in a World Context will provide you with an excellent basis for further study leading to a career in academia, but the combination of critical thinking and creativity that lies at the core of the programme will also open the way to careers in areas such as journalism, publishing, research, television and radio broadcasting. Studying a language as part of your programme will further enhance your employment opportunities.

#### What You Need

SQA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

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#### Advanced Entry

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#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in Literature in a World Context**

#### Joint Honours Programmes with

Anthropology, Celtic Civilisation, Divinity, Economics, English, Finance, Film & Visual Culture, French, Gaelic Studies, Geography, German, Hispanic Studies, History, History of Art, International Relations, Language & Linguistics, Management Studies, Philosophy, Politics, Religious Studies, Sociology

#### Related Honours Programmes in

English, Language & Linguistics, Languages and Literature of Scotland



#### Course Information

[www.abdn.ac.uk/lwc](http://www.abdn.ac.uk/lwc)

#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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Study abroad is an integral part of the third year for single Honours students, and opportunities also exist for other students to spend time abroad. Currently, student exchanges are available in a number of European countries – Austria, France, Germany, Ireland, Italy, Norway, Spain, Switzerland – as well as Canada, Hong Kong, Japan and the USA.

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**Management Studies** at Aberdeen provides an opportunity to study Management on its own or alongside one of a large number of the other disciplines taught at the University. The degree integrates models and theories of managing people and organisations within the context of the external environment.

#### Why Choose Aberdeen?

- > A high proportion of research-active staff
- > An emphasis on evidence-based management
- > Programmes that ensure choice and flexibility

#### Degree Programme Structure and Content

Courses are available from first to fourth year. There is an Honours degree and a Designated degree in Management Studies.

To meet the increasing demand for management skills in the modern world, the University of Aberdeen provides a wide range of degrees involving Management Studies. Students wishing to enter Honours will need to obtain passes in first and second year in Management-related courses. In addition to **Management** itself, these include specified courses in **Accountancy** and **Economics**.

#### First Year

**Managing Organisations** provides an understanding of the key roles of management and the organisational context. **The Context of Business** studies the political, economic and technological context within which organisations operate, creating threats to existing operations and opportunities for new activity. Students also study **Economics for Business and Society**, and **Accounting and Entrepreneurship**. Students take additional courses to make up the 120 credits required for the year.

#### Second Year

In the second year students are required to take core courses that will include **Marketing**, **Operations Management** and **Understanding Statistics**.

#### Third and Fourth Year (Honours)

Specialised management courses for honours students include **Human Resource Management**, **Business Research Methods**, **Business Strategy**, **Gender, Work and Organisation**, **International Business**, **Innovation** and topics in **Marketing**. Courses are offered in staff research specialisms.

#### Teaching and Assessment

Course delivery is by means of lectures, seminars and small group tutorials. On specific courses, these will be supplemented by external speakers. Assessment is by a mixture of coursework and exams.

#### Your Future

A degree in Management Studies generates opportunities across a wide spectrum of employment possibilities from large multinational blue-chips to small and medium-sized enterprises in any number of private and public sector industries. Graduates have entered employment with, amongst others, Ernst and Young, Royal Bank of Scotland, Bank of Scotland and British Airways.

#### What You Need

**SOA Highers BBBB**

**A Levels BBB**

**IB 30 points, 15 points at HL**

See table on page 79 for more information.

**UCAS Code see page 198**

#### Advanced Entry

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#### Can We Help?

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**Call us: +44 (0)1224 272090/91**

#### Your Study Options

**Single Honours Programme in**  
Management Studies

#### Joint Honours Programmes with

Accountancy, Anthropology, Economics, English, Finance, French, Gaelic Studies, Geography, German, Hispanic Studies, History, Information Systems, International Relations, Legal Studies, Literature in a World Context, Mathematics\*, Philosophy, Politics, Psychology, Real Estate, Sociology

\*Joint Honours Management Studies and Mathematics – SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

**Major-Minor Programme with**  
Computing

#### Related Honours Programmes in

Accountancy, Economics, Finance, Real Estate

#### Course Information


[www.abdn.ac.uk/business](http://www.abdn.ac.uk/business)


General Information

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**Mathematics** at Aberdeen is highly rated for research in both Pure and Applied areas. The Department is internationally recognised for its research expertise.

#### Why Choose Aberdeen?

- > Students can choose between focusing their attention on **Mathematics** or spreading their interests to combine it with other subjects
- > **Mathematics** is a powerful international language used to describe situations in precise but abstract terms. Our graduates find their skills highly valued by employers both for their rigorous thinking and their versatility
- > We offer a challenging syllabus which emphasises reasoning, discussion and the argumentative side of mathematics. Our ambition is to give you a sound preparation for a career in which mathematics plays a role, whether it be in research or through applications

#### Degree Programme Structure and Content

##### First Year

Students take up to four mathematics courses. Three of these are compulsory: two introductory courses in **Analysis (Calculus I and II)** and a course in **Algebra**. The fourth course, which is optional, covers a range of mathematical topics.

The Analysis courses begin with fundamental ideas concerning sets, functions and methods of proof. Then they discuss limits, differentiation and integration of functions in one variable. The Algebra course includes such topics as vectors, matrices, complex numbers and methods of counting. The optional course includes topics like symmetry, elementary number theory, functions and relations, elementary probability and elementary astronomy.

##### Second Year

Students take up to five mathematics courses. Four of the courses are compulsory. Of these, two are **Analysis** courses, one is in **Set Theory and Algebraic Structures** and one is in **Linear Algebra**. The optional course is in **Probability Theory**.

The two Analysis courses consolidate students' knowledge in differentiation and integration of functions in one variable, and lead on to the differentiation of functions of several variables and to ordinary differential equations. The course on Set Theory and Algebraic Structures includes an introduction to elementary set theory and an introduction to the mathematics of symmetry.

The Linear Algebra course focuses on systems of linear equations and the associated matrix algebra. The Probability Theory course provides an introduction to the mathematical framework needed to handle events involving a certain amount of randomness.

##### Third Year (Junior Honours)

In third and fourth Year, Mathematics students take a total of 14 courses (plus 2 courses of enhanced study). In third Year, most of these are compulsory and cover topics which are essential for any further study, for example **Complex Analysis, Group Theory, Ring Theory** and **Topology of Metric Spaces**. There are further courses, some of which are optional, covering a variety of topics from Pure and Applied Mathematics, such as **Mechanics, Mathematical Methods of Physics, Stochastic Processes** and **Linear Optimisation**.

##### Fourth Year (Senior Honours)

In fourth year there are even more options, and they depend to some extent on whether a student wishes to obtain a degree in Mathematics or in Applied Mathematics. The programme includes courses on **Measure Theory, Galois Theory, Mathematical Modelling and Nonlinear Dynamics**, along with a range of optional courses (which may vary from year to year) from Pure and Applied Mathematics, reflecting the research interests in the Department. There is a major project which involves presenting an individual report.

It is also possible to study Mathematics as a BSc degree. See page 160 for more information.

##### Teaching and Assessment

In first year, the Mathematics courses have three lectures and one tutorial per week. At higher levels, all courses have tutorials, and some have regular computer-based practicals. The majority of courses have an element of continuous assessment, as well as a final examination.

##### Your Future

A degree in Mathematics is the gateway to a wide variety of challenging careers. Employers are keen to recruit mathematicians because of their ability to think logically and analyse new developments whether in business, commerce or technology. Many of our graduates are finding employment opportunities in the financial sector; in banking, insurance and actuarial work, and in accountancy.

#### What You Need

**SQA Highers BBBB\***

**A Levels BBB\***

**IB 30 points, 15 points at HL**

\*SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

See table on page 79 for more information.

**UCAS Code see page 198**

#### Advanced Entry

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#### Can We Help?

**Email us: sras@abdn.ac.uk**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

**Single Honours Programmes in Mathematics, Applied Mathematics**

#### Joint Honours Programmes with

Computing, Economics, French, German, Hispanic Studies, History, Management Studies, Philosophy, Physics\*, Sociology

\*Joint Honours Mathematics and Physics - SQA Higher or GCE A Level or equivalent qualification in Mathematics and Physics are required.

#### Major-Minor Programmes with

Computing, Gaelic

#### Course Information


[www.abdn.ac.uk/n/cs/mathematics](http://www.abdn.ac.uk/n/cs/mathematics)


**General Information**

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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 See page 26 for information

#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



**Need more Info?**

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**Music Studies** staff at Aberdeen include world renowned composers and musicologists. There are opportunities to take courses in performance, composition and music history.

#### Why Choose Aberdeen?

- > The University of Aberdeen offers the flexibility to study music alongside a wide range of other subjects at Honours level
- > Specialist facilities include state-of-the-art studio facilities for electroacoustic music as well as a collection of historic instruments, including a 1771 Kirkman harpsichord and two violins by Joseph Ruddiman of the same period, as well as an early piano by Clementi and consorts of viols and recorders
- > Graduates in music pursue all kinds of careers, both in the world of music and the arts, and outside it

#### Degree Programme Structure and Content

##### First Year

Students can choose one or more courses in music, including **Performance, Composition and Theory**, and a broad survey of **Music History** which serves as the foundation for future study. Please note that entry to performance courses is by audition on arrival.

##### Second Year

Students wishing to study music at Honours level take courses in **Harmony** and **Music History of the 18th and 19th Centuries**; they may also choose to take other music courses.

##### Third Year

All MA music students take **New Directions: Evolution and Revolution in Music**, which examines the hypothesis that 1600 and 1900 both mark turning points in the history of music. They also take an optional course in music.

##### Fourth Year

Students write a dissertation either in their main subject or in music. They have the opportunity to choose from a wide range of options, including performance, composition and courses reflecting the research expertise of staff.

The University also offers courses in Music in its BMus Honours programme. See page 126 for more information.

##### Teaching and Assessment

Teaching is by a mixture of lectures, seminar groups, tutorials and individual instrumental and vocal tuition. Methods of assessment include submitted coursework (essays and compositions), formal written examinations and practical examinations (performance recitals and keyboard skills).

##### Your Future

The study of music equips students for a wide variety of careers not only in music but also in the media and business worlds. Graduates have been employed in music agencies and in the management of London and Scottish orchestras.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

Major-Minor Programme with

Music as the Minor with: Divinity, English, French, German, Hispanic Studies, History, History of Art, Philosophy, Religious Studies

#### Course Information

[www.abdn.ac.uk/music](http://www.abdn.ac.uk/music)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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**Natural Philosophy (Physics)** at Aberdeen consists of both Physics and Philosophy courses, with Physics the major component of the degree.

### Why Choose Aberdeen?

- > A modern modular degree structure
- > Balance of physics and philosophy courses for the thoughtful student
- > Long tradition of teaching natural philosophy, combined with superb textual resources in the history of science
- > Good balance between understanding basic areas and showing how physics principles can be applied to other subjects
- > Emphasis on generic skills useful in a wide range of careers

### Degree Programme Structure and Content

Courses are available at levels 1 to 4. Physics is the major component of the degree, and you will acquire a knowledge of its theory and practice, sufficient to equip you for a physics career if you choose. If you would like to emphasise the philosophical side of the subject, you can tailor your syllabus at levels 1 and 2 to give yourself the choice at the end of the second year of Philosophy-Physics or Single Honours Philosophy. Alternatively, if you have a stronger interest in Mathematics you can take options that allow you to choose Mathematics - Physics at the end of level 2.

### First Year

**The Physical Universe** gives an overview of some of the aims and achievements of physics, including 24 lectures on **Astronomy**. You are also introduced to the fundamental subjects of **Mechanics** and **Electricity and Magnetism**, and practical work covering **Experimental Physics** and **Physical Computing**. The mathematics component includes **Calculus** and **Algebra** and the philosophical component includes **Formal Logic 1 and 2**, a study of the logical relations that underlie the concept of proof, and **Truth and Reason**.

### Second Year

Physics concentrates on the following areas: **Dynamical Phenomena**, including oscillations and waves, and an introduction to **Quantum Mechanics and Relativity**. An extended course on **Advanced Philosophy** is taken along with an independent course on the **History and Philosophy of Science**, covering science from the 18th to 20th centuries. You have two optional subject courses, which can be chosen from a wide range of subjects, but it is common to take two additional physics courses from the selection **Light Science**, **Space Science** and **Remote Sensing** or **Practical Optics** and **Electronics**.

### Third and Fourth Year (Honours)

The Honours years are 75% Physics and 25% Philosophy and related subjects. A balanced selection of pure and applied physics topics are chosen from those available for Honours physics students. There is less emphasis on laboratory work than in the Science degree. A choice of Philosophy courses includes further study of either **Logic** or **The Theory of Knowledge**. Everyone undertakes a final year project from a choice of subjects that usually covers the **History of Physics**, the **Philosophy of Physics** or, simply, **Physics**.

### Teaching and Assessment

All topics involve some continuous assessment. The proportion of continuous assessment and project work increases through the four year Honours programme.

### Your Future

Natural Philosophy graduates have become professional scientists in industry, research institutes and universities. You can command high salaries in the computing and financial sectors. In addition, there is a shortage of physics teachers in schools throughout the UK. In some specialist areas (e.g. medical physics, meteorology, space science) it is usual to study for an MSc degree to obtain further knowledge. Continuing academic study in your chosen field to the level of PhD is an option taken by graduates with a good degree.

### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 15 points at HL

\*SOA Higher or GCE A Level or equivalent qualification in Mathematics and Physics are required. See table on page 79 for more information.

UCAS Code see page 198

### Advanced Entry

See page 78 for more information.

### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

### Your Study Options

Single Honours Programme in Natural Philosophy

### Related Honours Programmes in

BSc Physics with Philosophy, Philosophy, Physics – Maths

### Professional Accreditation

Our Natural Philosophy and related degrees are fully accredited by the physicists' professional body, *The Institute of Physics*.

### Course Information


[www.abdn.ac.uk/physics](http://www.abdn.ac.uk/physics)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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### THE ABERDEEN DIFFERENCE

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**Philosophy** is the study of argument and its application to a wide variety of questions of fundamental importance to human life and intellectual activity.

#### Why Choose Aberdeen?

Philosophers attempt to answer questions such as: What is knowledge? What is the nature of truth? Could the existence of God be proved? Why should we act morally?

Philosophy is as much the study of what constitutes a 'good' or 'valid' argument as it is the application of thought to specific problems.

- > Two key features make Philosophy at Aberdeen especially attractive: the breadth of the courses on offer, and the user-friendly character of course materials and the staff who deliver them
- > New students can choose from a varied menu including Moral Philosophy, Knowledge and Mind, and Reason and Argument
- > The History of Philosophy also constitutes a key component of the undergraduate curriculum

#### Degree Programme Structure and Content

Courses are available at levels 1 to 4. There are various Honours degrees and a Designated degree in Philosophy.

#### First Year

Level 1 courses are **An Introduction to Moral Philosophy; Knowledge and Mind and Reason and Argument.**

#### Second Year

The Philosophy curriculum at level 2 is devoted to more advanced courses in **Metaphysics, Philosophy of Language, and The History of Philosophy.**

#### Third and Fourth Year (Honours)

Single Honours Mental Philosophy involves independent study at level 3 and a (compulsory) dissertation at level 4. There is a wide range of options at both level 3 and 4. Options offered reflect the interests of members of staff and have recently included **Political and Social Philosophy, Scientific Methodology, Philosophy of Mathematics, Philosophy of Humour, Modal Logic, The Ontology of Existence, Philosophy of Physics, Continental Rationalism, Kant, Identity and Persistence, Information and Philosophy, Philosophy of Biology, Kripke's Naming and Necessity, Death, Philosophy of Time, Scepticism, Metaphilosophy, Feminist Philosophy, Wittgenstein and Philosophy of Religion, Leibniz, and Berkeley.**

#### Teaching and Assessment

Teaching in philosophy comes in three principal forms: lectures, tutorials and seminars. In tutorials students are part of a relatively small group of perhaps 10 or 15 which meets for focussed discussion of particular philosophical topics. At level 4 (Senior Honours), classes take the form of seminars which may be student rather than staff-led. Assessment within the Department is usually conducted through class essays and a degree examination at the end of each half-session.

#### Your Future

While the subject matter of philosophy is challenging in distinctive ways, the study of philosophy produces articulate individuals who are able to think critically and to argue persuasively. Thus what one learns in a philosophy course is of value to the student of any academic subject. Moreover, these skills are also highly prized in the business community and beyond. Hence Philosophy graduates gain entry to a wide variety of career paths.

#### What You Need

**SQA Highers BBBB**

**A Levels BBB**

**IB 30 points, 15 points at HL**

See table on page 79 for more information.

**UCAS Code see page 198**

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

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**Call us: +44 (0)1224 272090/91**

#### Your Study Options

##### Single Honours Programme in

Mental Philosophy

##### Joint Honours Programmes with

Accountancy, Anthropology, Archaeology, Behavioural Studies, Celtic Civilisation, Computing, Divinity, Economics, English, Film & Visual Culture, Finance, French, German, Hispanic Studies, History, History of Art, International Relations, Language & Linguistics, Legal Studies, Literature in a World Context, Management Studies, Mathematics\*, Physics\*, Politics, Psychology, Religious Studies, Sociology

\*Joint Honours Mathematics and Philosophy - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

\*Joint Honours Philosophy and Physics - SQA Higher or GCE A Level or equivalent qualification in Mathematics and Physics are required.

##### Major-Minor Programme with

Music Studies

##### Related Honours Programme in

Natural Philosophy

#### Course Information


[www.abdn.ac.uk/philosophy](http://www.abdn.ac.uk/philosophy)


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#### THE ABERDEEN DIFFERENCE

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**Politics & International Relations** at Aberdeen is unique in Scotland in bringing together these two cognate, but distinct, subjects as equal components. Teaching and research are both enhanced by this framework and there is a great benefit in being able to study the two side-by-side.

#### Why Choose Aberdeen?

- ▶ Politics and International Relations at Aberdeen continues to excel in the annual National Student Survey
- ▶ The Department brings active research culture into its teaching, helping to take students to the forefront of contemporary debates and knowledge in the field
- ▶ Areas of special expertise include Interest Groups, Public Policy, Comparative Political Parties and Elections, European Integration and Regionalism, Security Studies, Cross National Surveys, Scottish Politics, Regional IR, Modernity and Religion, Human Rights and Development Issues, Political Communication, Democracy and Democratisation and European Politics
- ▶ The Department encourages students to spend their second year of study abroad. The University offers support centrally for taking a year abroad in Europe, Japan, Hong Kong or North America

#### Degree Programme Structure and Content

Courses in both Politics and International Relations are available at levels 1 to 4. There is a four year Honours degree in Politics and International Relations and a Designated Degree in Political Studies which can be obtained after three years of study.

#### First Year

##### POLITICS

**Introduction to Political Science** considers key themes in the discipline, including democracy, participation, institutions and policymaking.

##### INTERNATIONAL RELATIONS

##### Introduction to International Relations

looks at the state-of-the-art of theorising international relations, via consideration of the major schools of theory and the work of major authors.

#### Second Year

##### POLITICS

**Political Ideologies** considers differing theoretical notions of the state and democracy. It provides an introduction to some of the broad theoretical and conceptual challenges and problems involved in political analysis.

**Democracy** considers the effectiveness and existence of various forms of democratic practices across the world.

##### INTERNATIONAL RELATIONS

**Theories of IR** is an introduction to the major perspectives that have evolved in the discipline of International Relations within a framework emphasising the importance of methodological issues to our understanding of the subject.

**International Political Economy** introduces the study of the global distribution of wealth and power and how this shapes the conduct of international relations.

##### Third and Fourth Year (Honours)

Honours courses taken in the third and fourth year vary widely and are chosen from a menu of over thirty options, drawing on the research expertise of staff.

##### HONOURS OPTIONS IN POLITICS

###### CURRENTLY INCLUDE:

**Political Parties in the UK; Scottish Politics; The Extreme Right in Western Europe; Political Communication; Democratisation; Human Rights; Nationalism; Understanding Public Policy; Nordic Politics; Core Concepts in Political Science.**

##### HONOURS OPTIONS IN INTERNATIONAL

###### RELATIONS CURRENTLY INCLUDE:

**International Security; War and the International System; Middle Eastern Politics; Japan and the World; Human Security; Modern Day Latin America; Modernity and Islam; International Peace.**

##### Teaching and Assessment

Teaching at levels 1 and 2 is by a combination of formal lectures and small group tutorials. Honours teaching varies in style, although many courses are based on seminars. Assessment is generally by traditional exams and assessed essays, although in some courses group work, projects and other techniques are used. Students are expected to write a dissertation in their final year.

##### Your Future

Politics and International Relations is intellectually challenging and provides an excellent general background for a wide range of careers in areas such as central and local government, industry, journalism and other professions.

#### What You Need

**SOA Highers BBBB**

**A Levels BBB**

**IB 30 points, 15 points at HL**

See table on page 79 for more information.

**UCAS Code see page 198**

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

**Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

##### Single Honours Programme in

Politics and International Relations

##### Designated degree in

Political Studies

##### Joint Honours Programmes with

**Politics and:** Anthropology, Divinity, Economics, English, Film and Visual Culture, Finance, French, Gaelic Studies, German, Hispanic Studies, History, History of Art, International Relations, Legal Studies, Literature in a World Context, Management Studies, Philosophy, Religious Studies, Sociology

**International Relations and:** Anthropology, Divinity, Economics, English, Film and Visual Culture, Finance, French, Geography, German, Hispanic Studies, History, Language and Linguistics, Legal Studies, Literature in a World Context, Management Studies, Philosophy, Politics, Religious Studies, Sociology

#### W Course Information


[www.abdn.ac.uk/pir](http://www.abdn.ac.uk/pir)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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#### THE ABERDEEN DIFFERENCE

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**Need more Info?**  
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**Psychology** is the study of mental life and behaviour, and covers a wide range of activities including memory, mental illness, psychological development, the effects of brain damage, the dynamics of social groups and the measurement of personality and abilities.

#### Why Choose Aberdeen?

- > The School has internationally recognised researchers in social cognition, neuroscience, lifespan development, perception, language and cognition and occupational/industrial psychology
- > There are a range of specialised laboratories including those for brain imaging analysis, eye movement recording, movement analysis and visual neuroscience
- > The School is the oldest in the UK, being founded over 100 years ago, and maintains a strong commitment to providing a supportive and stimulating environment for undergraduate studies

#### Degree Programme Structure and Content

Courses are available at levels 1 to 4. There is a *British Psychological Society (BPS)* accredited Honours degree and a Designated degree in Psychology. Application for entry to Honours occurs at the end of second year, and is based on academic performance achieved during second year. Students not continuing to Honours Psychology may complete the Designated degree or the Behavioural Studies Honours degree.

#### First Year

The **Concepts and Theory** course includes lectures and workshops on: **Biological Psychology; Lifespan Development; Animal Learning and Behaviour; Cognitive Psychology; Perceptual Psychology; Social Psychology.** The **Methods and Applications** course includes lectures and practical classes on all aspects of research methodology and descriptive data analysis in psychological research.

#### Second Year

There are lectures on: **Developmental Psychology; Behavioural Neuroscience; Language and Cognition; Organisational Psychology; Perception; Social Psychology; Clinical Psychology.** The **Methods and Applications** course builds on the research methodology gained in first year to examine more complex experimental designs and statistical methods.

#### Third and Fourth Year (Honours)

At level 3, there are lectures, tutorials, and practicals on: **Biological Psychology; Developmental Psychology; Human Memory and Language; Research Methodology; Perception; Psychological Assessment; Social Psychology.**

At level 4, students carry out and report an empirical investigation. They also select six options, currently from the following list: **Evolutionary Psychology; Human Neuropsychology; Applications of Cognitive Neuroscience; Abnormal Psychology; The Cognitive Neuroscience of Person Perception; Cognition and Learning; Neuropsychology of Visual Awareness; Perspectives on Social Attribution; Brain and Body and Human Factors.**

#### Variations

Students doing the Joint Honours programmes (all Psychology programmes are BPS accredited) take a full prescribed curriculum of level 3 Psychology courses split across third and fourth year, and complete a smaller empirical project in their final year. The Major-Minor degrees include language courses at levels 1, 2 and 4. At level 4, students select four of the Psychology options instead of six.

It is also possible to study Psychology and Behavioural Studies as BSc degrees. See pages 157 and 161 for more information.

#### Teaching and Assessment

Teaching is by means of lectures, laboratory practicals, workshops and tutorials, with more extensive experimental projects at levels 3 and 4. Assessment is by means of examination and continuous assessment.

#### Your Future

Psychology graduates have many employment opportunities (usually after postgraduate training) including clinical psychology, counselling, educational psychology, ergonomics, forensic psychology, health psychology and occupational psychology. Areas also benefiting from an understanding of the human mind and behaviour include careers in business, teaching, marketing and advertising. Further details of opportunities for graduates can be obtained from the BPS website: [www.bps.org.uk/careers](http://www.bps.org.uk/careers)

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in

Psychology

Joint Honours Programmes with

Anthropology, Economics, Legal Studies, Management Studies, Philosophy, Sociology

Major-Minor Programmes with

French, Gaelic, German

Related Honours Programme in

Behavioural Studies

Professional Accreditation

*The British Psychological Society*

Course Information


[www.abdn.ac.uk/psychology](http://www.abdn.ac.uk/psychology)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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 Students intending to read any Honours Psychology programme can study abroad at undergraduate level, but this is restricted to second year and is subject to School approval of the overseas degree programme. See page 25 for more information.

 See page 26 for information

#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



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**Real Estate** at Aberdeen examines real estate markets from the perspectives of economics, investment and business. All real estate programmes prepare students for a career in surveying, with a focus on commercial real estate, investment, management, valuation and development.

#### Why Choose Aberdeen?

- > The University of Aberdeen is the first academic institution to subscribe to Thomson Reuters Eikon in the UK and Ireland. This flagship trading floor integrates real activity in financial markets directly into your courses. The platform is used by major financial services companies across the world. You gain experience of sophisticated financial management technology placing you at the leading edge with skills that employers are seeking
- > Aberdeen is a centre of excellence at the cutting edge of real estate teaching and research – leading in the UK and recognised as world class
- > Single and Joint Honours programmes lead to professional accreditation
- > Courses allow an exciting range of choice, leading to a variety of degree programmes

#### Degree Programme Structure and Content

Both Single and Joint Honours Real Estate programmes are accredited by the *Royal Institution of Chartered Surveyors (RICS)*. The Joint degree with Accountancy is accredited by the *Board of Accreditation of Accountancy Educational Courses (BAAEC)* on behalf of professional accountancy bodies.

#### First Year

Courses introduce students to the principles of investment and finance and the nature of real estate markets. Students are also required to study two first year **Economics** courses. In addition to the core courses, students may take options in business related areas or choose courses related to planning and environmental issues.

#### Second Year

There are four core courses in **Land and Property Economics, Statistics, Property Valuation and Land and Property Law**.

#### Third and Fourth Year (Honours)

There are four core courses in **Applied Valuation, Real Estate Portfolio Investment, Property Finance and Development and Business Research Methods**. Students are also required to complete a dissertation. Further options include **Housing Economics, International Real Estate Market Analysis, and Regional and Urban Economics**.

#### Teaching and Assessment

Courses usually involve two or three lectures and one small group tutorial/seminar per week. Students will also be required to undertake project work. Practical courses include field trips, projects and computer modelling. All courses are assessed by a combination of coursework and written examination.

#### Your Future

Students graduating in Real Estate have a wide range of professional career opportunities such as with major firms of property consultants, real estate departments of financial institutions, property investment or development companies, specialist research companies, or research departments of large organisations.

#### What You Need

**SOA Highers BBBB**

**A Levels BBB**

**IB 30 points, 15 points at HL**

See table on page 79 for more information.

**UCAS Code see page 198**

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

**Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

**Single Honours Programme in Real Estate**

#### Joint Honours Programmes with

Accountancy, Economics, Finance, Management Studies

#### Related Honours Programmes in

Accountancy, Economics, Finance, Management Studies

#### Professional Accreditation

*The Royal Institution of Chartered Surveyors*

#### Course Information


[www.abdn.ac.uk/business](http://www.abdn.ac.uk/business)


**General Information**

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

 [facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)

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 Students may participate in a Student Exchange Programme with the National University of Singapore (during year 2). See page 25 for more information.

 See page 26 for information

#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



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**Religious Studies** at Aberdeen is distinct from Divinity or Theology and is committed to no one religion and is, rather, the comparative study of the major and local religious traditions of the world. The kinds of issues raised are not of the truth of religion but of the origin, function and meaning of religion.

#### Why Choose Aberdeen?

Understanding the many religious traditions of the world is as important today as understanding the great political and economic movements of the age. Whether it be the Islamic, Jewish and Christian traditions of the Middle East and the Americas, the Hindu, Buddhist, Sikh and Jain movements of Asia and Europe, or the evangelical, shamanic and ancestral cults of Africa, Siberia and the Caribbean, Religious Studies provides a mirror on the world in which we live now and a memory of our collective pasts.

- > The approaches used are social scientific-anthropological, sociological, political and psychological as well as literary, philosophical and historical
- > The aim of religious studies is to introduce students to both the variety of religions worldwide and the variety of ways of studying them

#### Degree Programme Structure and Content

As with all programmes, courses available in Religious Studies change from year to year, and individual courses may not be available in subsequent years.

#### First Year

Introduction to Religions of the World I;  
Introduction to Religions of the World II.

#### Second Year

Sociological and Anthropological Theories of Religion; Psychological Theories of Religion; Islam; Buddhism.

#### Third Year and Fourth Year

Social Anthropology of Religions; Atheism; Critical Theories of Religion: The Frankfurt School; Quran; The Life of Muhammad; Understanding Confucianism; Reading Confucian and Daoist Sacred Texts; Understanding New Religious Movements.

Students interested in Religious Studies may also be interested in the undergraduate programmes in Divinity and Theology. See page 118 for more information.

#### Teaching and Assessment

The School has a flexible approach to teaching and assessment utilising a combination of small and large group teaching, assessed through examinations, essays and personal dissertation. The acquisition of communication, IT, and team-working skills is emphasised.

#### Your Future

Religious Studies graduates go on to a variety of careers from education to journalism, development and research.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in

Religious Studies

#### Joint Honours Programmes with

Anthropology, Celtic Civilisation, English, Film and Visual Culture, French, Gaelic Studies, German, Hispanic Studies, History, History of Art, International Relations, Language & Linguistics, Literature in a World Context, Philosophy, Politics, Sociology

#### Major-Minor Programme with

Music Studies

#### Course Information

[www.abdn.ac.uk/religious\\_studies](http://www.abdn.ac.uk/religious_studies)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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#### THE ABERDEEN DIFFERENCE

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Need more Info?

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## Scandinavian Studies at Aberdeen boasts internationally-known experts and specialises in a range of literature and historical periods in Scandinavia.

### Why Choose Aberdeen?

For a number of years the University of Aberdeen has been attracting international experts in Scandinavian studies. Founded in 2007, the Centre for Scandinavian Studies at Aberdeen is a leading centre for the study of the languages, literature and history of Scandinavia.

- > The Centre offers a wide range of courses and joint degree programmes, including joint degrees with History, Archaeology, English, German and Celtic Studies
- > You will have the opportunity to work with some of the main researchers in the field of Scandinavian Studies in small group environments. Scandinavia itself provides a fascinating area of study, with a unique and often advanced literature and history: from the proto-democracy of Viking-Age Iceland, to the social democratic experiment of post-war Sweden; from the Norse sagas to the contemporary crime fiction of modern Scandinavia
- > Our staff are committed to teaching and research in the field and are dedicated to bringing knowledge of Scandinavia and engagement with it to our students

### Degree Programme Structure and Content

#### First and Second Year

The core of the degree involves Scandinavian language (most likely Swedish) for the first two years, in addition to your other subjects. You will have classes on language and conversation, developing an increasingly fluent grasp of the language, including reading, writing and oral communication. There are a number of other relevant courses in **English, Celtic Studies and History**, including Vikings (History) and The Vikings in Scotland (Celtic). Students are also encouraged to study these subjects.

In the course of the degree, you will be encouraged to spend some time in Scandinavia, either on exchange programmes or doing summer schools or work. This will improve your language skills and give you first-hand experience of Scandinavian society and culture.

#### Third & Fourth Year (Honours)

The Honours years provide advanced and specialised courses on a variety of topics in Scandinavian Studies. We offer a wide range of options through various departments. To a large extent you can shape your degree programme to suit your particular interests and enthusiasms.

Honours courses offered include:

- > Old Norse Language and Literature
- > Viking Archaeology

- > Back in the Viking Homelands
- > Sex and Violence in Cold Climates
- > Legendary Scandinavia
- > Scandinavia since 1800: War, Peace and Independence
- > The Sagas of Icelanders
- > Beowulf and Old English

You will be encouraged to participate in Erasmus exchanges and/or summer courses in Scandinavia during your degree. Some funding is available for exchanges and courses.

### Teaching and Assessment

In the first two years of study, you will be learning a Scandinavian language alongside your other subjects. Language classes are generally small and occupy 3-4 hours per week. There are a number of other courses available through History and Celtic Studies. These involve a combination of large lectures and small tutorial groups. Regular subject discussion and argument in tutorials will help to develop your self-confidence and powers of expression.

All your classwork counts towards your assessment. The rest of your assessment comes from an end-of-course examination and performance in tutorials.

At Honours level, most teaching is seminar-based, and students take greater responsibility for introducing ideas and shaping discussion. You may be asked, individually or in a small group, to research a topic and prepare a class presentation, so you will learn not just from your tutor but from all the other members of the seminar as well. Seminars vary in size according to the number of students who enrol. In Junior Honours you may find yourself in a group of 10-20, depending on what you have decided to study. In Senior Honours classes are 5-15 students.

Depending on the particular joint degree, you may be able to do a dissertation of 12,000 words on a subject of your choice as part of your final year assessment, in addition to course assessment.

### Your Future

Thinking further ahead you will find Scandinavian Studies at Aberdeen an excellent preparation for a wide variety of careers, ranging from teaching and the media to any area with a Scandinavian connection, including the oil industry. What these jobs all have in common is the need for advanced analytical and language skills, which means, amongst other things, the perspective given by an understanding of the past, a firm grasp of the power of language, the ability to develop and present an argument lucidly and confidently, plus oral and written communication skills.

### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 points at HL

See table on page 79 for more information.

UCAS Code see page 198

### Advanced Entry

See page 78 for more information.

### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272627

### Your Study Options

#### Joint Honours Programmes with

Archaeology, Celtic Studies, English, Gaelic Studies, German, History

#### Course Information


[www.abdn.ac.uk/cfss](http://www.abdn.ac.uk/cfss)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

 [facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)

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### THE ABERDEEN DIFFERENCE

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**Scottish Studies** allows students to learn about the linguistic and literary heritage of Scotland in its broadest sweep by drawing on the expertise of the English Department and the Celtic Department, while also setting Scottish culture in its historical context through the study of Scottish History.

#### Why Choose Aberdeen?

- > The University has lively teaching and research departments of Celtic and Gaelic, English and History, all of which offer courses relating to the study of Scotland
- > This multi-disciplinary degree programme allows students to learn from distinguished specialists in the distinct departments, and contextualise their studies in an overarching framework
- > The University of Aberdeen is home to two major research institutes with Scottish culture at their core: the Research Institute of Irish and Scottish Studies and the Elphinstone Institute
- > Situated in the north of Scotland, Aberdeen's cultural identity is vibrant: celebrating the traditional and embracing the modern. Studying here offers an excellent opportunity to study Scotland's diverse heritage in an exciting location

#### Degree Programme Structure and Content

Courses are available from levels 1 to 4. Scottish Studies is a General Honours degree taught jointly by the Departments of Celtic and Gaelic, English and History.

#### First and Second Year

To qualify for entry to Honours in Scottish Studies, students must take at least one level 1 and one level 2 course in each of the three departments.

#### Third and Fourth Year (Honours)

In the third and fourth years, students must gain at least three-quarters of the credits needed for the degree equally from studies in Gaelic, English and History. The remainder will normally come from one or more of these disciplines, and a dissertation will normally be written for one of them.

Courses on offer typically include:

- > Gaelic language
- > Scottish Detective Fiction
- > Class, Identity and Nationalism in Scotland, 1832-1914
- > Gaelic Renaissance Poetry
- > Burns
- > The Scottish Highlands and Islands, c.1850-1950
- > Gaelic Language and Identity
- > Local Horror: The New Scottish Gothic
- > Stewart Scotland, 1406-1603

- > Power and Prejudice: Gaelic in Modern Society
- > Scotland into the Modern World: Scottish Literature 1785-1935

#### Teaching and Assessment

In Gaelic language courses, classwork in the form of practical use of the written language always forms a considerable part of the assessment. In most other courses in Celtic, essays (or in some literature classes, textual exercises) also contribute to your overall mark. In tutorial groups, credit is given for regular attendance and for active participation, while in language-learning classes, conversational practice is assessed. There are a small number of advanced language courses in which examination marks count for over half of the assessment.

In English, regular subject discussions and argument in tutorial help to develop self-confidence and powers of expression. All classwork counts towards your assessment. It is marked and returned with comments, so that you know how you are getting on at every stage. The rest of assessment comes from end-of-course examinations and from performance in tutorials and seminars.

In History courses, first and second year, teaching involves three one-hour lectures per week and a weekly hour-long tutorial. At Honours level classes are either seminar-based or a mixture of lectures and seminars. Courses are assessed by examination alone; by continuous assessment alone; or by a combination of examination and continuous assessment.

#### Your Future

A degree in Scottish Studies generates opportunities across a range of employment possibilities and those fluent in Scottish Gaelic may find employment opportunities particularly good. Broadcasting, journalism, teaching and librarianship are among the career options open to Scottish Studies graduates. The analytical, oral and written skills you develop during your studies are highly sought after by all prospective employers.

#### What You Need

SOA Highers BBBB

A Levels BBB

IB 30 points, 15 at HL

See table on page 79 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

General Honours Programme in Scottish Studies

#### Related Honours Programmes in

English, Gaelic Studies, History, Languages and Literature of Scotland

#### Course Information

[www.abdn.ac.uk/celtic](http://www.abdn.ac.uk/celtic)


[www.abdn.ac.uk/english/undergraduate](http://www.abdn.ac.uk/english/undergraduate)

#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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**Sociology** is concerned with how people create and sustain society, and how society shapes people. Students learn to adopt the ‘sociological imagination’, which illuminates the interplay of individual biographies with historical and social circumstances. Sociology at Aberdeen is recognised for its excellence in both research and teaching.

#### Why Choose Aberdeen?

- > The Department has an international reputation for its research and was ranked joint 6th in the UK in the most recent Research Assessment Exercise. It was also one of the top two Sociology departments in Scotland
- > It is recognised by the UK Government’s Economic and Social Research Council (ESRC) as an outlet for research training and supervision for Masters and PhD students
- > Sociology at Aberdeen is consistently rated very highly in all the main rankings for undergraduate degrees. It has also year-on-year achieved extremely high student satisfaction ratings in the National Student Survey (NSS): in 2011 the overall student satisfaction rate for the department was 97%, placing it 5th out of 86 universities teaching sociology across the UK
- > The Scottish Higher Education Funding Council judged the department to be “excellent” in its most recent Teaching Quality Assessment exercise: the highest grade possible

#### Degree Programme Structure and Content

Courses are available at levels 1 through 4. There is an Honours degree and a Designated degree in Sociology.

#### First Year

**Introduction to Sociology 1** answers the question of what sociology is. It addresses the relationship between individuals and society and looks at how society is reproduced over time. **Introduction to Sociology 2** examines the key sociological notion of ‘social structure’ by means of a range of contemporary social themes and issues, such as religion, surveillance and the media.

#### Second Year

The second year extends the analysis of the ‘sociological imagination’ and looks at a range of contemporary social issues and themes that exemplify sociology’s attention on people acting in social settings and the structures they inhabit, and which comprise what we call society. Topics will be approached in order to illustrate how sociology combines both theory and empirical investigation. Substantive topics covered include issues such as consumerism, tourism, food and risk society.

#### Third and Fourth Year (Honours)

In the third year students take courses in the core areas of sociology, namely **Research Methods** and **Sociological Theory**. In the fourth year, students begin their individual research projects and choose from a range of option courses such as **Sociology of Modern Scotland**, **Sociology of Art and Culture**, **Body Work**, **Political Sociology**, **European Societies**, **Sociology of the City**, **Religion and Culture**, **the Sociology of Peace Processes**, **Animals and Society** and **Sociology of Contemporary European Social Movements**.

#### Teaching and Assessment

Most courses are taught using a combination of lectures and small-group seminars, and are assessed by both essays and formal examinations. For Honours students, the year-long research project forms a major element in the final assessment.

#### Your Future

Recently qualified Sociology graduates from Aberdeen have found careers in such diverse areas of work as journalism, local and national government, social research institutions, teaching English as a foreign language, the health service, social work, human resources, market research and university and college lecturing.

#### What You Need

**SQA Highers BBBB**

**A Levels BBB**

**IB 30 points, 15 points at HL**

See table on page 79 for more information.

**UCAS Code see page 198**

#### Advanced Entry

See page 78 for more information.

#### Can We Help?

**Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

**Single Honours Programme in**

Sociology

**Designated Degree in**

Sociology

#### Joint Honours Programmes with

Accountancy, Anthropology, Behavioural Studies, Celtic Civilisation, Divinity, Economics, English, Film and Visual Culture, Finance, French, Gaelic Studies, Geography, German, Hispanic Studies, History, Language & Linguistics, Legal Studies, Literature in a World Context, Management Studies, Mathematics\*, Philosophy, Politics and International Relations, Psychology, Religious Studies

\*Joint Honours Sociology and Mathematics - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

#### Related Honours Programmes in

Anthropology, Politics and International Relations, Divinity, Economics, Film and Visual Culture

#### Course Information


[www.abdn.ac.uk/sociology](http://www.abdn.ac.uk/sociology)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

 [facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)

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# Degrees in **Divinity & Theology**

BD/BD (Honours)  
BTh/BTh (Honours)  
MA/MA (Honours)

**Theological study and learning go back beyond the foundation of the University in 1495. The school is situated in the beautiful and historic buildings of King's College.**





**Divinity and Theology** degrees at Aberdeen concentrate on the study of Christian faith, life and doctrine in its historical, institutional and contemporary contexts. Emerging principally from within the Christian tradition, its means of study are theological, exegetical and historical, incorporating research and teaching in the following fields: Church History, Old Testament, New Testament, Practical Theology and Systematic Theology.

#### Why Choose Aberdeen?

Whether you have a personal, vocational or intellectual interest in a deeper knowledge of the Christian faith, its sources and its history, or are interested in exploring the historical, social and political development of the world's religions, Aberdeen is the place for you.

- > A tradition of theological study and excellence going back to 1495
- > A vast array of courses including biblical languages, the history of the church in the west, the Reformation in Scotland, classical and contemporary Christian doctrine, the role of religion in ethical and political debates, and religious aspects of disability
- > An international community of scholars, studying all aspects of theology, ministry, and close links to religious studies specialists
- > Excellent library facilities, beautiful surroundings, and a warm welcome!

#### Degrees

The School offers four degrees at the undergraduate level: **Bachelor of Divinity (BD)**, **Bachelor of Theology (BTh)**, **Master of Arts (MA) in Divinity** and **Master of Arts (MA) in Religious Studies**. Each may be taken as a non-Honours or as an Honours degree.

#### Bachelor of Divinity (BD)

The BD is designed for students who wish specialised and comprehensive study of the Christian tradition. The study of the biblical languages (Hebrew and Greek) by candidates for this degree is encouraged, but not compulsory. The course leading to the non-Honours degree of BD normally takes three years and the Honours degree four years.

#### Bachelor of Theology (BTh)

The BTh is designed to be more flexibly structured than the BD. It provides greater opportunities to take courses in Religious Studies and to combine the study of Theology and Religion with subjects outwith Divinity and Religious Studies (e.g. French, English, History, Sociology, Chemistry, Computing). It is particularly suited to the educational needs of those considering teaching Religious and Moral Education in secondary schools.

#### Master of Arts in Divinity

The MA in Divinity offers more flexibility than the BD or BTh. Within the Divinity courses students have the option to specialise in individual sub-disciplines. See page 87 for entry requirements and further information.

#### Master of Arts in Religious Studies

An MA in Religious Studies at Aberdeen gives students a cutting-edge understanding of the world's major religious traditions, their historical development and importance in the contemporary world. The degree also gives students the opportunity to explore a wide diversity of courses in the Arts and Social Sciences. It may be taken as a Designated degree in three years, or as part of a Joint Honours degree in four years. See page 113 for entry requirements and further information.

#### Divinity Degree Programme (BD)

These are the courses currently running, however they may be subject to change:

#### First Year

**Introduction to the Hebrew Bible; The Founders of Christianity: Introduction to the New Testament; The Rise of Christianity (0-600); Basic Christian Doctrine; What Does it Mean to be Human: Learning from the Margins; Religion at Ground Zero; Christian Belief: Its Critics and Defenders; Introduction to Religions of the World I and II.** Sustained Studies: **Hebrew 1 and 2; New Testament Greek 1 and 2; Latin 1 and 2.**

#### Second Year

**History and Religion of Ancient Israel; Earliest Portraits of Jesus; The Mission and Message of Paul the Apostle to the Gentiles; The Pilgrim City (Mediaeval Church); Christian Doctrine and Practice: Major Christian Thinkers; Exploring the Tradition of Christian Ethics; Economic and Psychological Theories of Religion; Sociological and Anthropological Theories of Religion; Islam; Buddhism.** Sustained Studies: **Hebrew Language III and IV; Reading New Testament Greek 1 and 2; Intermediate Latin 1 and 2.**

#### Third & Fourth Year (Honours)

**Old Testament Theology; Comparative Semitic Linguistics; Contemporary Issues in the Study of the Hebrew Bible, Luke Acts in Context; The Gospel and Letters of John; New Testament Theology; Heavens, Seers and the End: Apocalypticism and the New Testament; Recovering the Historical Jesus; The Graeco-Roman Environment of the New Testament; The Jewish Environment of the New Testament; The Reformation in Scotland; Luther, Calvin and the Shaping of Protestantism; Reformation Reason and Revolt; The Followers of Lady Poverty: St Francis and His Disciples; These Three are One: Introduction to The Christian Doctrine of God; Theology of Karl Barth; Justice and Reconciliation; Christian Ethics and Creation; New Directions in Natural Theology; Religion, Secularism and Public Life; Spirituality, Health and Healing; Social Anthropology of Religions; Atheism; Critical Theories of Religion: The Frankfurt School; Quran; The Life of Muhammad; Understanding Confucianism; Reading Confucian and Daoist Sacred Texts; Understanding New Religious Movements.**

Students will also be expected to complete an Honours Dissertation.



### Theology Degree Programme (BTh)

These are the courses currently running, however they may be subject to change:

#### First Year

**Church History (The Rise of Christianity 0-600); Hebrew Language I; Introduction to the Hebrew Bible; Systematic Theology (Christian Belief: Its Critics and Defenders); New Testament (Earliest Portraits of Jesus: Introduction to the Gospels); Elementary Greek I & II); Basics of World Religions.**

#### Second Year

**Church History & Systematic Theology (The European Reformation); Practical Theology (Christian Doctrine and Practice); New Testament What is Truth? John's Gospel and Letters - English or Greek texts; Paul of Tarsus - English or Greek texts; Encountering Buddhism; Critical Methods of Old Testament Study (English or Hebrew texts); Old Testament Theology (English or Hebrew texts); Medieval Christianity 500-1500.**

#### Third and Fourth Year (Honours)

**Church History (Luther, Calvin and the Shaping of Protestantism; Reformation and Revolutions; The Theology of the Early Church; Scottish Theology); Hebrew Bible III & IV; Practical Theology (Spirituality, Health and Healing; Exploring the Tradition of Christian Ethics; Theological and Pastoral Perspectives on the Family); Systematic Theology (Contemporary Issues in Christian Doctrine; The Nature of Theology); New Testament (Set Texts; Advanced Greek; The Historical Background of the New Testament); Gospels and Acts - Selected Texts (Greek or English); New Testament Epistles (Greek or English); The World of the New Testament.**

Students studying for the BTh in Theology also have access to a wide range of Religious Studies courses.

### Teaching & Assessment

The School of Divinity, History & Philosophy emphasises a flexible approach to teaching and assessment, utilising a combination of small and large group teaching assessed through examinations, essays and presentations. Honours students write a dissertation on a subject of their choice approved by a supervisor.

#### Your Future

Our graduates have found employment in a wide range of areas, including the churches, media and journalism, teaching, public service and administration, the NGO sector, business, government and publishing.

### What You Need

**Scottish Qualifications (SOA)**

**4H at BBBB, 3AH at BCC**

**S at levels 1, 2 or 3 in English**

#### Advanced Entry

For those seeking entry into second year classes, with a view to taking an accelerated Honours degree, the normal requirement will be BC at H plus A at AH or 2AH at AB. This must include AH at A in Religious Studies. Where a combination of H and AH has been studied, individual subjects will be counted at one level only.

**General Certificate of Education (GCE)**

**3 A Levels at BBB**

**GCSE in English or English Language**

#### Advanced Entry

For those seeking entry into second year classes, with a view to taking an accelerated Honours degree, the normal requirement must include A Level at A in Religious Studies.

**Irish Leaving Certificate/**

**Ardteistimeireacht (ILC)**

**4H at BBBB**

**O in English**

**International Baccalaureate (IB)**

**SL in English**

**30 points including an average of 5 at HL**

#### Can We Help?

**Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

##### Professional Accreditation

The Bachelor of Divinity and Bachelor of Theology degrees have been accredited by the *Church of Scotland*.

#### Course Information


[www.abdn.ac.uk/divinity](http://www.abdn.ac.uk/divinity)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

 [facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)

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# Degrees in Education

## **Full-time Degrees**

### **Primary Education**

BMus with Honours (Education)  
see page 126

## **BA / Part-time Degrees**

see page 71

BA Childhood Practice (BACP)

BA Professional Development

BA Social Pedagogy (BASP)

**Certificate** in Adult and  
Community Learning

**Teaching Qualification**  
(Further Education) TQ(FE)

**The School of Education has a long and distinguished record in the training of teachers. Staff are recognised nationally and internationally for their research and development work in particular fields.**



## Primary Education

### Why Choose Aberdeen?

Teaching is an exciting and demanding job, requiring a variety of personal and professional qualities and characteristics. Teachers must be able to relate well to others, conveying empathy and understanding in their interactions with learners. They must enjoy learning and share this enthusiasm by providing an exciting and stimulating environment for young learners.

Our programmes aim to produce creative, motivated primary teachers who are confident to work with children aged between 3 and 12 in any educational setting.

- ▶ The School of Education has a long and distinguished record in the education of teachers. It is a large school with over 50 academic staff, all of whom are highly qualified, experienced professionals with a wide range of expertise in learning and teaching. Many are recognised locally, nationally and internationally for their research and development work in their particular specialist fields
- ▶ High quality student learning and achievement supported by strongly committed professional staff
- ▶ Strong, well established partnerships with schools and communities, education authorities and other professionals, jointly developing innovative courses and programmes
- ▶ Students choose to study at Aberdeen to benefit from the opportunity of periods of placement in city, small town, suburban, rural and island settings. This provides the widest possible preparation for future employment

### Degree Programme Structure and Content

The programme leads to a qualification to teach children in the 3–12 age range with registration with the *General Teaching Council for Scotland*. Over four years, it combines academic study with practical inquiry in a variety of school settings and their communities. Following graduation, the new teacher network provides continued opportunity for academic and professional development.

This programme will prepare teachers for the challenges and changes facing the profession in the twenty-first Century. Students will have the opportunity to develop the knowledge, understanding, skills and values required in primary teaching.

### Proposed Changes to Degrees in Education

*In the light of proposed changes to Education Degrees following the recent Donaldson Review, it is likely that significant changes*

*will be made to the Education degrees offered by the University of Aberdeen. These changes are as yet unconfirmed at the time of print. Students should ensure that they visit the Education website for up-to-date programme information.*

### Selection

An interview forms part of the selection process and a Protection of Vulnerable Groups (PVG) check will be conducted prior to final acceptance.

### Teaching and Assessment

The Primary Education degree comprises credit rated courses. Our learner-centred approach is characterised by workshops, tutorials, seminars, self study and lectures, supported by an online learning environment.

Courses are assessed through a variety of approaches, including presentation, written assignment, portfolio and examinations.

School experience is assessed in partnership with primary school teachers, Head Teachers and University tutors. As the programme develops, students will be expected to take increasing responsibility for determining and organising their own learning as part of their continuing professional development.

### Professional Accreditation

Degrees are accredited by the *General Teaching Council for Scotland (GTCS)* and allow graduates to apply for provisional registration as primary teachers.

### Your Future

Graduates of the programmes are eligible for a one year induction training post after graduation. Eligibility for the Teacher Induction Scheme is determined by Scottish Government and full details can be found on [www.gtcs.org.uk/home/students/teacher-induction-scheme-faq.aspx](http://www.gtcs.org.uk/home/students/teacher-induction-scheme-faq.aspx)

Aberdeen graduates are highly valued by employers throughout Scotland and across the world.

### Gaelic Medium Education

The University actively seeks to promote Gaelic Medium Education through Initial Teacher Education. Within the programme there is an opportunity for candidates who are fluent and literate in Gaelic to study and professionally develop in Gaelic Medium teaching.

### PGDE Courses for Graduates

An alternative route into teaching is through the one year Professional Graduate Diploma in Education (PGDE). PGDE courses in both primary and secondary education are intended for successful graduates wishing to teach. Further information about these one-year courses, both of which are professionally accredited by the General Teaching Council for Scotland (GTCS) is available in the postgraduate prospectus.

### What You Need

#### Primary Education

#### Scottish Qualifications SOA

#### 4H at BBBB

English and Mathematics as below.

#### General Certificate of Education (GCE)

#### A Levels at BBB

#### GCSE in English or English Language

English and Mathematics as below.

#### Irish Leaving Certificate/

#### Ardteistimeireacht

Minimum 4 at Higher Level BBBB including English, and 2 at Ordinary Level, including Maths which must be at Grade B or above.

#### English Minimum

SQA Higher Grade award in English/ESOL at Grade B or above; or National Course award (Higher Still) in English and Communication at Grade B or above; or GCSE/O Level English Language AND English Literature at Grade B or above in both; or A Level English Grade C or above; or ILC English at Higher Grade B or above.

#### Mathematics

SQA Standard Grade (credit level) award in Mathematics at Grade 1 or 2; or SCE ordinary grade award in Mathematics at Grade A or B or C or pass; or National Course award Intermediate Level 2 Mathematics at Grade C or above; or GCSE/O Level Mathematics at Grade B or above; or Irish Leaving Certificate Mathematics at Ordinary Grade B or above; or Open University Course - MU123 Discovering Mathematics pass.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Course Information

[www.abdn.ac.uk/education](http://www.abdn.ac.uk/education)


#### General Information

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# Degrees in Music

**BMus** with Honours

**BMus** with Honours  
(Education)

**BMus** with Honours  
(Music and Communities)

**MA** Music Studies  
(See page 107)

**Our music staff possess a wide range of research expertise encompassing aspects of performance, composition and musicology. Facilities for music students are first-class, including electroacoustic music studios, a collection of historical instruments and a world music centre.**



### Why Choose Aberdeen?

- › We are an expanding area with a vibrant and friendly atmosphere
- › Instrumental/vocal tuition takes place throughout the programme
- › The University runs a full Symphony Orchestra, Choral Society, Chapel Choir, String Ensemble, Viol Consort, Recorder Consort, New Music Group, Baroque Ensemble, Concert Band, Big Band, chamber groups and many more
- › Instrumental resources include a full Balinese Gamelan, Steel Pans and Samba/Salsa instruments and there is a collection of historic instruments based around a 1771 Kirkman harpsichord and violins by the eighteenth-century maker Joseph Ruddiman
- › The University of Aberdeen offers excellent performance opportunities with the early sixteenth-century Chapel often used for services and performances of sacred and concert music. The Chapel has a new (2004) all-mechanical pipe organ built by the French builder Aubertin - the first by this builder in the UK
- › There are three state-of-the-art Electroacoustic Composition studios as well as a number of Music Technology workstations
- › Aberdeen city is known as being a lively centre for music. Links with the BBC Scottish Symphony Orchestra, Aberdeen City Music School, North East of Scotland Music School, the Sound Festival and other organisations continue to develop, and students take part in performance and workshops led by visiting musicians

### Degree Programme Structure and Content

The structure of the innovative BMus degree is flexible and has a 2+2 format. After the first two years of core study, in which students are able to develop skills in performance, composition musicianship and music history, one of three Honours programmes is chosen in third and fourth year. BMus with Honours is a music degree. The BMus with Honours (Education) programme leads to a qualification to teach in secondary schools.

BMus with Honours (Music and Communities) is a new programme involving students applying musical skills while working in a range of communities.

#### First and Second Year Core Study

Students study a range of courses including performance (involving weekly lessons), musicianship, composition, theory and music history. The first year provides a foundation for further study, and includes a survey of Western music. There is also the opportunity to take courses outside the discipline. Music Education students have the opportunity to gain experience in school whilst Single Honours music students choose from a number of optional courses.

### BMus with Honours

#### Third and Fourth Year (Honours)

In third year, students continue with performance and composition. Other courses include **New Directions: Revolution and Evolution in Music** which examines a hypothesis that 1600 and 1900 both mark turning points in the history of music. Students are introduced to methods of musical analysis in third year. Students also choose from a range of optional courses reflecting the research interests of staff.

In fourth year, students write a dissertation on a musical topic and choose from a range of options, which include a performance recital and the submission of a portfolio of compositions.

### BMus with Honours (Education)

#### Third and Fourth Year (Honours)

##### Performance Studies

Students continue performance in the third year, and can offer a performance recital as part of the fourth year curriculum.

##### Composition Studies

Students work on developing their own personal voices. For students choosing composition in fourth year, this culminates in the submission of a composition portfolio.

##### Music History

Music Education students take **New Directions: Revolution and Evolution in Music**, a course which examines a hypothesis that 1600 and 1900 both mark turning points in the history of music.

##### Dissertation

All Music Education students write a dissertation in their fourth year on some aspect of music.

##### Professional Studies

Professional Studies involves the study of music teaching and pedagogy, and is closely related to School Experience where the knowledge can be applied in practice. Professional competencies are developed in continuity with the progressive acquisition and application of subject and content skills provided by the students' Core Studies programme.

In first and second year, experiences related to the subject and content of music generate consideration and appraisal of curricular resources, and of different approaches to presenting these resources in school.

##### Practical Skills

Students develop a range of practical skills necessary for classroom teaching, such as keyboard skills.



### School Experience

Music Education students are sent into schools to gain practical experience in classroom music teaching.

### BMus with Honours (Music and Communities)

#### Third and Fourth Year (Honours)

#### Performance Studies

Students continue with performance and composition in the third year.

#### Understanding Communities

Students follow courses during their honours years in which they explore the nature of communities of various types to prepare themselves for working within them.

#### Communities Placements

The department has established links with a variety of external organisations to give students the opportunity to work within communities in a variety of different contexts.

### Teaching and Assessment

Teaching is by a mixture of lectures, seminar groups, tutorials and individual instrumental and vocal tuition. Methods of assessment include submitted coursework (essays and compositions), formal written examinations and practical examinations (performance recitals and keyboard skills).

### Entry to Honours Programmes

Students apply for entry to Honours programmes at the end of the second year of study. Entry to BMus with Honours depends on satisfactory progress in the first two years of study; entry to the BMus with Honours (Education) programme involves an interview and assessment of keyboard skills, and candidates must meet the GTCS requirements which include SQA Higher/ESOL grade award at band C or above in English, or a National Course award at Higher Level at C or above in English and Communications (or equivalent). A Protection of Vulnerable Groups (PVG) check will be conducted for those students choosing the BMus (Education) programme midway through their second year.

Entry to the BMus with Honours (Music and Communities) takes place after an interview and assessment of musicianship.

Music can also be studied as Minor Honours in the MA. See page 107 for more information.

### Your Future

Students entering the BMus might have specific career aspirations from the start. However, the programmes are specifically designed so that those who wish to pursue a career in music, but don't want to tie themselves down to one particular career path, are able to benefit from a two year experience in music, before choosing a specific programme. For students following the BMus with Honours (Education) programme, the main career prospects are in teaching, and those graduating with the BMus with Honours (Music and Communities) are well placed to take opportunities for working in community music. For those following the BMus with Honours programme, the main career prospects embrace editing, writing and presenting music, composing and performing. The degree can also be used as an entry to other professions, as is the case of other degrees, where subject specialism is not important.

### What You Need

#### Scottish Qualifications SQA

#### Minimum 3H at BBB

including Music at Higher minimum Grade B.

#### General Certificate of Education (GCE)

#### Minimum of 2 A Levels or 4 AS Levels

Music – A Level minimum Grade B or AS Level minimum Grade A. Minimum of 3 additional GCSE passes.

#### Irish Leaving Certificate/

#### Ardteistimeireacht

#### Minimum 3 at Higher Level – BBB

#### International Baccalaureate

#### 30 points including at least a Grade 6 at Music at HL English Minimum

### Music Qualifications

Candidates should demonstrate musical attainment and potential. Candidates should have Grade VIII Associated Board (or equivalent) in their main instrument/voice. Those with Grade VII (or equivalent) who show great potential may be accepted. Musical skills are assessed at interview, at which competence on piano will need to be demonstrated. Further information about the interview process is available on the Music Department web site. Applicants from outside the UK must also meet the above performance requirement.

### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91



Course Information

[www.abdn.ac.uk/music](http://www.abdn.ac.uk/music)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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### THE ABERDEEN DIFFERENCE

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# Degrees in Engineering

MEng


BEng

**Our philosophy is one of world-class teaching in an atmosphere of research. Staff in the School have won national awards and strong links with industry ensure teaching is in line with today's requirements.**

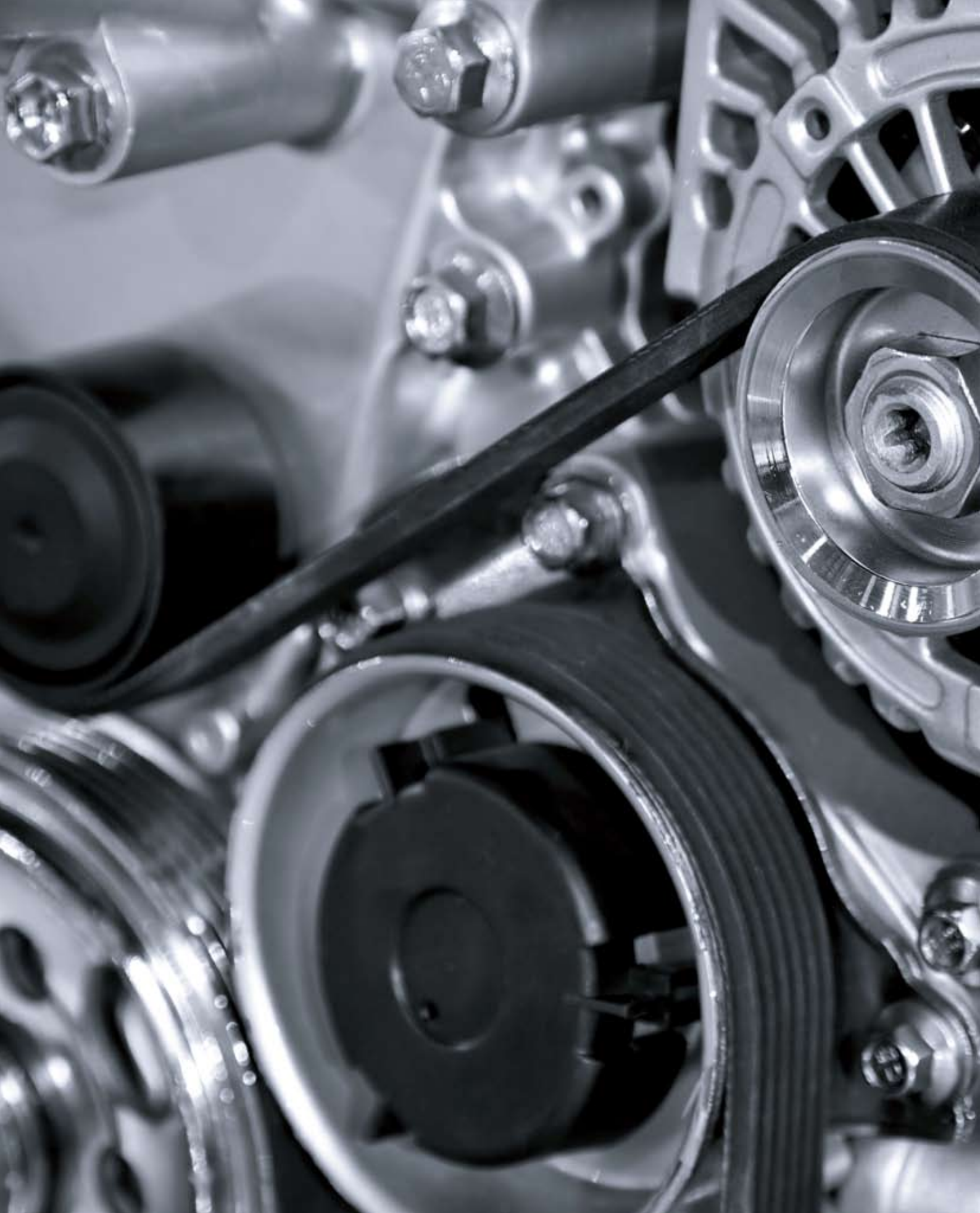
## **MEng**

Engineering  
 Chemical Engineering  
 Civil Engineering  
 Civil and Structural Engineering  
 Civil and Structural Engineering with European Studies  
 Civil and Environmental Engineering   
 Civil and Environmental Engineering with European Studies   
 Electrical and Electronic Engineering  
 Electrical and Electronic Engineering with European Studies  
 Mechanical Engineering  
 Mechanical Engineering with Management  
 Mechanical Engineering with European Studies  
 Mechanical and Electrical Engineering  
 Petroleum Engineering

## **BEng**

Engineering  
 Chemical Engineering  
 Engineering (Civil)  
 Engineering (Civil with European Studies)  
 Engineering (Civil and Structural)  
 Engineering (Civil and Environmental)   
 Engineering (Electrical and Electronic)  
 Engineering (Electrical and Electronic with European Studies)  
 Engineering (Mechanical)  
 Engineering (Mechanical with European Studies)  
 Engineering (Mechanical and Electrical)  
 Engineering (Mechanical with Oil and Gas Studies)  
 Petroleum Engineering

[www.abdn.ac.uk/engineering](http://www.abdn.ac.uk/engineering)



## Probable Entry Requirements for 2013

Type of Qualification	Degree	
	MEng First Year Entry *	BEng † First Year Entry *
<b>SOA – Scottish Qualifications</b>	4H at ABBB B in Mathematics and B in Physics or Technological Studies at B. S at levels 1, 2, or 3 in English.	4H at BBBB B in Mathematics and B in Physics or Technological Studies at B. S at levels 1, 2, or 3 in English.
<b>Engineering Diploma – General Certificate of Education</b>	The Engineering Diploma, with some additional qualifications, will provide appropriate preparation for our MEng degrees. Please visit <a href="http://www.ucas.com">www.ucas.com</a> for more information.	The Engineering Diploma, with some additional qualifications, will provide appropriate preparation for our BEng degrees. Please visit <a href="http://www.ucas.com">www.ucas.com</a> for more information.
<b>GCE – General Certificate of Education</b>	3 A Levels at BBB, B in Mathematics and B in Physics or a B in Design and Technology or a B in Engineering. GCSE English at C.	3 A Levels at BBB, B in Mathematics and B in Physics or a B in Design and Technology or a B in Engineering. GCSE English at C.
<b>ILC- Irish Leaving Certificate/ Ardeistimeireacht</b>	4H at ABBB including Mathematics and either Physics or Engineering. O in English.	4H at BBBB including Mathematics and either Physics or Engineering. O in English.
<b>IB - International Baccalaureate</b>	32 points including Mathematics and Physics at HL (5 or above) and English at Standard Level.	30 points including Mathematics and Physics at HL (5 or above) and English at Standard Level.

Note – Chemical Engineering and Petroleum Engineering also require Chemistry. See programme details for more information.

\* **Advanced Entry** to the MEng or BEng programmes is arranged through the Admission Selector at the University of Aberdeen.

† **Transfer to MEng:** Selected BEng students may transfer to the MEng at the end of the first or second year.

### Articulation Agreements

This exists with Aberdeen College. Students with HND qualifications in Engineering may be able to gain advanced entry.

For further information, contact the University of Aberdeen Student Recruitment and Admissions Service on **+44 (0)1224 272090/91**

### Offers of Admission

Applicants should note that achieving the minimum entrance requirement will not guarantee an offer of admission. We have many more applicants than places, and most of them meet our minimum entrance requirements. Consequently, we may need to ask for more than the minimum. An applicant's academic profile will normally be the most significant factor in our decision making. Additionally, certain features of the personal statement may help to strengthen an applicant's case.

### Foundation Programme

Some international students may be eligible to apply for a Foundation Programme in Engineering. Please See page 31 for further information.

### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91



Course Information

[www.abdn.ac.uk/engineering](http://www.abdn.ac.uk/engineering)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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### THE ABERDEEN DIFFERENCE

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**Engineering** is one of the most satisfying professions. You get results. You make things happen. You generate new solutions to other people's problems and at the end of the day, you have the job satisfaction of being able to see your work in action.

#### Why Choose Aberdeen?

Engineering is an intellectually demanding profession, mainly because of the wide range of skills you need to deploy. You are expected to be good at mathematics, to have a sound grasp of basic sciences, to be inventive and creative, to be able to sell your ideas to clients and colleagues and, in due course, to organise and lead fellow professionals.

- > Integrated Engineering School, containing award-winning staff and modern, well-equipped laboratories
- > Common core in years 1 and 2 for all engineering students
- > Programmes reflect 'systems engineering' approach in modern industry
- > Final choice of specialisation can be made at start of year 3
- > Philosophy of world-class teaching in an atmosphere of research

#### Degree Programme Structure and Content

##### Honours Degrees of MEng and BEng

The MEng is a five-year Honours programme and the BEng is a four-year Honours programme, both of which are fully accredited by the Engineering Institutions (see Professional Accreditation section). For the first two years you study a common core covering the basic principles of all branches of engineering. In these two years you will follow courses which will give you the choice of at least three of the School's main disciplines to specialise in. In the later years you specialise, following your chosen discipline in greater depth including design applications.

##### Pre-Honours Years

In the first year you can study topics such as **Engineering Mathematics, Electronics, Engineering Chemistry, Mechanics, Fundamentals of Engineering Materials and Computer Aided Design and Communication.**

In the second year the topics covered can include **Engineering Mathematics, Engineering Chemistry, Transport Processes, Fluids and Thermodynamics, Solids and Structures, Electronic Systems, Geology, Electrical and Mechanical Systems and Design & Computing.**

The first and second year courses are complemented by hands-on practical exercises and case studies from real-life engineering projects.

##### Honours Years

You do not need to finalise your choice of specialisation until you begin third year. This is also the point at which a final decision between MEng and BEng must be made. Successful BEng candidates will be offered the chance to change to the MEng programme. A wide range of both MEng and BEng programmes are available across the entire engineering spectrum reflecting the multi-disciplinary nature of the School.

In your third year you have the opportunity to study from a range of courses leading to specialisation in your chosen discipline. The major feature of the fourth year is the undertaking of an individual project in the area of your specialisation. The project occupies half of your study time and can be undertaken in Aberdeen or abroad. The opportunity exists to study a European language to support this study. Formal courses continue to develop your specialist interests.

If you are studying for the MEng degree then in fifth year you undertake a group design project in addition to courses in **Engineering Analysis & Methods and Engineering & Project Management.** The study of Advanced Special Topics further deepens your specialist knowledge.

The specialisations come under five main disciplines. More information on each of these is detailed below.

##### Civil Engineering

Civil Engineering is concerned with creative use of engineering principles and science to shape and improve our lives and our environment.

The work of the Civil Engineer centres on sustainable design for the built and natural environment. Civil Engineers design, build, maintain and manage roads, railways, dams, buildings, airports, hospitals, schools, harbours and sports stadia. They design water supply and water treatment systems and river management, flood and coastal protection schemes.

Civil Engineers are involved in seeing major infrastructure projects through from design to construction and completion.

If you are interested in making lasting positive improvements to society in sustainable design for the protection of the natural environment, in improving the quality of life for millions of people using novel building techniques and materials, then Civil Engineering is the career choice for you.

Following specialisation in third year Honours studies will include: **Engineering Analysis & Methods, Fluid Mechanics, Stress Analysis, Engineering Design, Geotechnics, Mechanics of Structures, Design of Structural Elements, Professional Development in the Construction Industry, Economics, Resource & Safety Management, Safety & Reliability Engineering, Field Survey & Engineering Hydrology (field course), Engineering Project & Manufacturing Management.**

**MEng only - Solid Mechanics & Materials Modelling, Civil Engineering Hydraulics, Engineering Management, Mathematical Optimisation.**

##### Chemical Engineering

Chemical Engineering is concerned with the creative and imaginative use of engineering principles and science to develop processes in which materials undergo chemical or physical transformation into useful products for society to use. Today, chemical engineers are involved in a much wider range of processing activities than traditional "chemical" production. The types of processes chemical engineers help design include Energy production; Oil and Gas processing; Waste water and effluent treatment; Food processing and manufacturing; Pharmaceuticals and medical products; Carbon dioxide capture and storage and many more.

Virtually every product in modern life has probably been created using the input of a chemical engineer at some point and you will find chemical engineers working across the globe in a wide range of industries.

If you have an aptitude and fascination for how the physical world works, are interested in how chemical reactions and the physical properties of matter can be harnessed to create world changing technologies, and want to contribute positively to making the life of the human race better and to the development of a sustainable environment, then you should consider chemical engineering as a career choice.

Aberdeen is at the heart of the energy industry in Europe and of international importance as a centre of excellence in exploration and production of oil and gas. The combination of these factors makes it possible to offer a curriculum that is both close to cutting edge research and highly relevant to the needs of employers.

The degrees of MEng/BEng in Chemical Engineering are the result of discussions with the oil and gas industry in the North East of Scotland, and are unique in being geared towards the growing need for highly skilled chemical engineers to work in the sector in years to come.

The programmes include a large element of practical and laboratory work as well as opportunities for an industrial placement (in year 4).

Following specialisation in third year Honours studies will include: **Engineering Analysis & Methods, Engineering Design, Fluid Mechanics, Process Modelling & Control, Chemical Engineering & Transport Processes, Thermodynamics, Separation Processes, Economics, Resource & Safety Management, Chemical Plant Operations, Safety & Reliability Engineering, Chemical Reaction Engineering, Advanced Process Control, Environmental Remediation.**

**MEng only - Offshore Engineering, Advanced Chemical Plant Operations, Engineering Management.**

**Note: An SQA Higher or GCE A Level or equivalent qualification in Chemistry is required for entry to year 1, in addition to the general engineering requirements.**

#### **Electrical and Electronic Engineering**

Electrical and Electronic engineering is one of the most satisfying subjects that you can study. If your interests are science, technology or mathematics, then consider electrical and electronic engineering as your career. You will use your imagination, your creativity and knowledge to provide society with the complex systems it needs. In your future career you may design the machines that supply our energy needs, or you may design complete computer systems on a silicon chip. Working with photonics you may be instrumenting the ocean depths, or creating stunning electronic displays. Whatever path you take, it will be interesting, it will contribute to society's needs and it will be rewarding!

Following specialisation in third year, Honours studies may include: **Engineering Analysis & Methods, Control Systems, C/ C++ Programming, Signals & Systems, Engineering Design, Electrical Power Engineering, Digital Electronic Systems, Communications Engineering, Safety Management, Electrical Machines and Drives, Computer & Software Engineering, Systems Analysis & Design, Signal Processing, Optical Engineering, Safety & Reliability Engineering, Engineering Project & Manufacturing Management.**

**MEng Only - VLSI & Digital Architectures, Engineering Management, Mathematical Optimisation.**

#### **Mechanical Engineering**

Mechanical Engineering is concerned with creative and imaginative use of engineering principles and science to shape the world around us, through the development of new materials, technologies, processes and products. Mechanical engineers design and develop everything that moves or has moving parts, ranging from spacecraft and aeroplanes to racing cars; from household goods like refrigerators to the small motors that turn a CD in a CD player; from robotic control of machinery to nanotechnologies; from mechanical hearts and artificial limbs to fitness machines, and from oil and gas exploration and production technologies to wind turbines.

Virtually every product in modern life has probably been touched in some way by a mechanical engineer. It is not surprising therefore that mechanical engineering is regarded as one of the most diverse of all engineering disciplines.

If you are interested in the mechanics and dynamics of movement, have aptitude and fascination in how things work, want to contribute positively to making the life of the human race better and to the development of a sustainable environment, then you should consider mechanical engineering as a career choice.

Following specialisation in third year Honours studies will include: **Engineering Analysis & Methods, Fluid Mechanics, Stress Analysis Engineering, Materials Engineering, Design Dynamics, Thermodynamics, Economics, Resource & Safety Management, Safety & Reliability Engineering, Fluid Dynamics, Engineering Project & Manufacturing Management.**

**MEng only - Solid Mechanics & Materials Modelling, Engineering Management, Mathematical Optimisation.**

#### **Petroleum Engineering**

Petroleum Engineering is concerned with the extraction of oil and gas from the ground and its processing to provide a useful fuel and feed-stock for further chemical processing. Virtually every product in modern life has probably been touched in some way by oil or gas - from baking a pie in an oven to building a composite fuselage for an aircraft. It is not surprising therefore, that as the oil starts to run out, petroleum engineering will become more demanding; requiring an ever more diverse range of skills.

If you have a fascination in how the chemistry and mechanics of oil and gas production work together to support our world, then you should consider petroleum engineering as a career choice.

Aberdeen is at the heart of the energy industry in Europe and is in an international centre of excellence in exploration and production of oil and gas, both in the North Sea and in many other overseas provinces using resources based in Aberdeen.

The distinctiveness of this programme is provided by its combination of excellence in both Engineering and in Petroleum Geoscience. With Engineering at its heart, the programme also draws upon excellent teaching and research in Exploration and Production Geoscience, and in physical and organic Chemistry, thereby providing students with a clear understanding of the challenges faced by a petroleum engineer at an inter-disciplinary level. The programme is also focussed towards enabling graduates to confront the cutting-edge challenges of the future as the industry extends its reach into ever more complex problems.

Following specialisation in third year Honours studies will include: **Reservoir Geology (field and project-based), Engineering Analysis and Methods, Engineering Design, Engineering Materials, Process Modelling & Control Principles of Petroleum Geology, Drilling Engineering, Economics, Resource and Safety Management, Petroleum Fluid Properties, Multi-phase Flow, Safety & Reliability Engineering, Well Engineering & Completion, Reservoir Modelling, Advanced Petroleum Process Control.**

**MEng only - Gas Production Engineering, Subsea Control Systems, Separation and Production Engineering, Fracturing in Reservoirs, Engineering Management, Stimulation and Enhanced Production.**

**Note: An SQA Higher or GCE A Level or equivalent qualification in Chemistry is required for entry to year 1 in addition to the general engineering requirements.**

#### **Further Information**

For more detailed information on all of our programmes please refer to the Engineering Brochure available from the Student Recruitment and Admissions Service. Alternatively, from our website at [www.abdn.ac.uk/engineering/students](http://www.abdn.ac.uk/engineering/students) where you can follow the 'Course Information' link to find full details of the syllabus and a book list for all of the courses we offer.

### Teaching and Assessment

The main methods of teaching are lectures, tutorials, laboratory and design classes. You can expect an average of 20 hours of lectures, labs and tutorials per week, which you are expected to supplement with private study. Self-study is vital as it develops the confidence to enable you to tackle unfamiliar problems; an essential skill for the professional engineer.

Laboratories and design classes are used to develop practical and communication skills. They are also valuable for giving practical demonstrations of the concepts covered in the lecture courses.

A number of coursework exercises are carried out each year, aimed at developing and improving communication skills. These include written laboratory reports, dissertations and presentations. The main method of assessment is examinations in January and May. Presentations, laboratory reports and other coursework are submitted and marked individually throughout the year.

### Professional Accreditation

Most engineers achieve professional status in the UK through membership of one of the Engineering Institutions and register as Chartered Engineers. Chartered Engineers can practice in Europe and our Honours degrees are recognised by the European Federation of National Engineering Associations.

The Engineering Institutions regularly review degree programmes and accredit those they find suitable on behalf of the Engineering Council (UK) and Engineering and Technology Board.

According to your choice of curriculum, our MEng Honours degree is accredited by the *Institution of Civil Engineers*, the *Institution of Structural Engineers*, the *Institution of Engineering and Technology* or by the *Institution of Mechanical Engineers*.

The BEng Honours degree is also accredited, but to complete the academic requirements for professional membership, you would need to follow your degree studies with advanced study equivalent to the final year of an MEng programme.

For the Chemical Engineering programmes accreditation by the *Institution of Chemical Engineers* (IChemE) is planned. The Petroleum Engineering programmes will be accredited as part of the portfolio of programmes offered by the School of Engineering to the Engineering Council.

Our degrees are also recognised worldwide as an accredited route to professional engineering status.

### Your Future

A degree in Engineering is fundamental to a career as an engineer today. At the moment there is a shortage of good engineers, which means that there are many and varied employment opportunities throughout the country and, indeed, the world. It will also hold you in good stead for more specific careers such as accountancy or management consultancy. The School of Engineering at Aberdeen is justifiably proud of its students and graduates, believing them to be the best advert for the work of the School. With their excellent reputation, our graduates are in high demand from employers.

An Engineering degree at the University of Aberdeen can also lead to the opportunity of further study. Every year many of our students come back for postgraduate study either on one of our taught programmes or to gain higher degrees by research.

The University's Careers Service helps undergraduates find employment by providing a range of training opportunities and information on prospective employers.

# Degrees in Law

**LLB/LLB (Honours)**

**LLB/LLB (Honours)  
with options in**

Accountancy

Economics

French

Gaelic

German

Management Studies

Music

Spanish

**LLB/LLB (Honours) and**

Belgian Law

French Law

German Law

Spanish Law

European Legal Studies

**Law has been taught at the University of Aberdeen since its foundation in 1495; today the Law School continues to build on this strong traditional foundation to offer a modern, flexible degree, which provides an excellent academic training.**



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REPORTER

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REPORTER

VOL. XXXII.  
1894 - 95.

SCOTTISH  
LAW  
REPORTER

XX  
1894



**Law** is concerned with the legal rules by which society is regulated and the legal system(s) in which these rules operate. All legal systems are a product of historical, social, political and economic forces and the study of law therefore gives an insight into the nature of society itself.

#### What You Need

##### SQA Highers AABB

4H at AABB or 5H at ABBBB obtained at a single sitting of Hs or 3AH at BBB. Those seeking to qualify over two sittings of Highers must normally get H at BBBB at first sitting and over the two sittings must normally aggregate not less than ABBBB or ABBBBB.

Higher English is highly desirable. Higher ESOL is also recognised in lieu of Higher English where the mother tongue is not English.

Where a combination of H and AH is offered, individual subjects are counted at one level only.

Standard Grade in English.

##### General Certificate Of Education (GCE)

3 A Levels at ABB obtained at a single sitting of A Levels; English is highly desirable. More will be required of those qualifying over two sittings.

GCSE in English or English Language

##### Irish Leaving Certificate

##### Ardteistimeireacht (ILC)

5H at ABBBB obtained at a single sitting of Hs; English is highly desirable. More will be required of those qualifying over two sittings. O in English.

##### International Baccalaureate (IB)

34 points including an average of 5 at HL; English is highly desirable.

##### Advanced Entry

Direct entry to second year classes is not possible.

**Law students have their own Law Society**, which organises a busy and varied programme of social and educational events including 'family ties' whereby new students are introduced, if they wish, to a family of senior law students who can be contacted to give advice and information on aspects of university life generally and the study of law particularly.

There is also a **Student Mooting Society**, which arranges moots (legal debates) during the year. These enable students to develop particular legal skills, but are also good social events. There is a dedicated moot courtroom. Each year there is an internal mooting competition, which is generously sponsored by local legal associations, and teams have competed successfully in national competitions.

**Student input into the Law School:** The Law School is committed to fostering strong staff-student relations and is concerned to take account of student views in the running of the School. There are a number of elected student representatives who participate in Law School meetings generally and who sit on the School's Learning and Teaching Committee, the Staff Student Committee and the Employer Liaison Committee.

**Entry Routes:** Most but not all students enter the Law School straight from school, but the Law School has a flexible approach to entry. Each year a number of students are admitted following participation in the University's Access programmes, or after having completed another suitable qualification.

**Graduate Entry:** Where a student has already obtained another degree, for example, a BSc or MA degree, it is normally possible to obtain the LLB in a minimum period of two years (or five years part-time). Admission to this programme is dependent on satisfactory performance in the student's first degree. Graduate applicants must normally possess a First-class or Upper-second Honours degree, or a meritorious Ordinary degree. It should be noted that student maintenance awards are not normally available for students who take the LLB as a second degree and tuition fees for graduates taking the LLB are likely to be approximately £11,000 per year (pro rata for part-time study).


Where a graduate student elects to follow the four/five year LLB, tuition fees for each year of study will reflect the fees for graduate study, approximately £11,000 per annum.

For further information see the Law School web pages: [www.abdn.ac.uk/law/gradllb](http://www.abdn.ac.uk/law/gradllb)

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)


Call us: +44 (0)1224 272090/91

 **Course Information**  
[www.abdn.ac.uk/law](http://www.abdn.ac.uk/law)  
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[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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### Why Choose Aberdeen?

Law involves not only the study of legal rules, but the development of intellectual qualities such as clear, careful and independent thought; precise use of language; the capacity to analyse and solve complex problems; the ability to present arguments in a clear, reasoned and logical manner; the power to distinguish the relevant from the irrelevant; and, generally, thoroughness of inquiry.

- > Excellent academic reputation
- > Law School ranked 11th in the UK out of 95 Law Schools in *The Times Good University Guide 2012*
- > High student satisfaction - 95% in National Student Survey 2011
- > Choice of 14 degree programmes
- > Over 40 Honours options
- > Student-led Law Clinic
- > Student Law Review
- > Opportunities to study in continental Europe
- > Ranked highest UK Law School for graduate prospects (93%), *The Times Good University Guide 2012*

### Degree Programme Structure and Content

The LLB degree is based on three years of study and requires a student to gain at least 360 credits; the LLB (Honours) degree is based on four years of study and requires a student to gain at least 480 credits. LLB courses usually have 15 credits; Honours courses, 25.

Every student must gain at least 240 credits from law courses of which several noted below are compulsory.

Every student must also pass Enhanced Study options amounting to 90 credits (i.e. six courses) drawn from one of the following three categories:-

- (a) Discipline Breadth courses, which can include options from other degree programmes (eg. the MA) or a number of law options, covering e.g. Public International Law, Alternative Dispute Resolution, Scottish Legal, History Resolution, etc. These law courses can contribute to the 240 law credits required to graduate with the LLB.
- (b) Sustained Study courses by which students are exposed to a linked series of courses e.g. a language, alongside their law courses.
- (c) Sixth Century courses, which are cross disciplinary.

### Law courses

Compulsory Courses: **Foundations of Private Law, Legal System, Criminal Law, Contract, Delict and Unjustified Enrichment, Property Law, Introduction to Jurisprudence, Legal Method, Foundations of Public Law and Human Rights.**

Optional Courses: **Family Law, Commercial Organisations and Insolvency, Consumer and Commercial and Commercial Contracts, Succession and Trusts, Evidence and Advocacy, Revenue Law, European Union Institutions and Law, Private International Law, Forensic Medicine, Public International Law, Introduction to French Law, Introduction to German Law, Alternative Methods of Dispute Settlement, Competitive Mooting, Introduction to European Legal Systems, Introduction to Spanish Law, Scottish Legal History, Pro Bono Legal Studies.**

Provided students satisfy the subject requirements above, in order to reach the 360 or 480 requirement, the student may additionally take any course offered in the University for any degree, law or non-law.

### Honours Courses

These include: **Administrative Law, American Constitutional Law, Animal Welfare Law, Civil Liberties, Comparative Law, Comparative Constitutional Law, Company Law, Contract Law, Conveyancing, Copyright and Allied Rights, Criminal Justice, Criminal Law, Criminology, Delict, Employment Law, Environmental Law, European Economic Law, European Competition Law, European Institutions and Law, European Legal History, Evidence, Family Law, Government and Law, Industrial Property Law, Individual Rights in European Union Law, International Economic Law: The World Trade Organisation, International Law in a World of Crises, International Criminal Law, Law and Modernity, Law and Medical Ethics, Legal Issues Involving Art and Antiquities, Legal Issues in Corporate Management, Maritime Law, Media Law, Moveable Property, Oil and Gas Law, Peoples & Indigenous Peoples and Minorities in International Law, Planning Law, Private International Law, Renewable Energy Law, Roman Law, Rural Law, Scottish Legal History, Succession, Taxation Law, Use of Force in International Law and Unjustified Enrichment.**

### Curriculum for the Degree of LLB and LLB (Honours)

Both the LLB and LLB (Honours) degrees offer a wide choice of courses and a flexibility which enables students to construct a curriculum in keeping with personal interests and career intentions. Some students are unsure about their career intentions when they commence their degree. In order to keep their options open, these students, together with those firmly intending to practise law, will be advised to include in their curricula all the courses necessary to allow them to enter the legal profession. Students who have firmly decided not to enter the legal profession have a greater choice in constructing their curricula because they will not have to take certain professional subjects.

### A Typical Curriculum for the LLB Degree

The curriculum below contains all the courses currently necessary to enable a student to keep open the option of becoming a solicitor.

#### First Year

##### First Half-Session Courses

**Legal System** shows the new student how to handle legal materials like legislation and case reports, and explains the organisation of Scottish courts, tribunals and the legal profession.

**Criminal Law** studies Human Rights, criminal evidence, what constitutes crimes such as murder and assault, and the scope of defences like provocation and self-defence.

**Foundations of Private Law** gives an overview of the main institutions of private law, with an emphasis on the law of property and obligations, and a survey of the development of private law in Europe and Scotland's position within that tradition.

An **Enhanced Study** option from one of the categories mentioned in one of (a), (b) or (c) above.

##### Second Half-Session Courses

**Contract** looks at how legal agreements are constituted and enforced, and how they may be set aside, e.g. on the basis of fraud.

**Public Law and Human Rights** gives an overview of the basic structures of the state in terms of its constitution and regulation, including parliamentary sovereignty, rule of law, separation of powers and parliament, and Human Rights issues.

**Legal Method** is concerned with developing skills in legal research and writing, problem solving, critical judgement and handling legal materials.

A second **Enhanced Study Option** from the appropriate category, as previously described.

#### Second Year

##### First Half-Session Courses

**Property Law** studies the nature of the legal rights, duties and powers which individuals may have in respect of different types of property and examines how one acquires a legal title to property, the restrictions on how an owner can use his or her property, and how one disposes of property.

**Delict and Unjustified Enrichment** involves consideration of the circumstances in which a person who suffers loss, injury or damage as a result of wrongful conduct on the part of another is entitled to claim compensation.

##### European Union Institutions and Law

considers the institutions that make law for the European Union e.g. the Commission, Council, Parliament and the European Court of Justice, and the legal effects for the United Kingdom; Principles of EU Law; and Human Rights. A third **Enhanced Study Option** from the appropriate category, as previously described.

### Second Half-Session Courses

**Family Law** looks at parental rights and responsibilities, creation of marriage and civil partnerships, and cohabitation.

**Commercial Organisations and Insolvency** deals with agency and partnership, company law and the law of insolvency and intellectual property.

**Succession and Trusts** looks at how trusts, including charitable ones, are constituted and administered. The law of succession deals with the rules which regulate inheritance.

**Introduction to Jurisprudence** introduces students to ways of thinking about law and legal notions. It looks at the nature and philosophy of law and analyses concepts like rule, right and justice.

A fourth **Enhanced Study option** from the appropriate category, as previously described.

### Third Year

#### First Half-Session Courses

**Evidence and Advocacy** is of special importance to the court practitioner. It considers such matters as types of evidence which a party is permitted to bring forward in a court case, and advocacy skills.

**Consumer and Commercial Contracts** considers how specific business contracts are regulated eg. contracts for the sale of goods, insurance contracts and consumer contracts.

A fifth **Enhanced Study option** from the appropriate category, as previously described.

#### Second Half-Session Courses

A sixth **Enhanced Study option** from the appropriate category, as previously described.

In addition to the above, students pursuing a non-Honours curriculum will require to pass an additional five optional courses, at least three of which must ordinarily come from law options. Those pursuing an Honours curriculum (discussed in greater detail below) will usually take one Honours option in each half-session of third year, and will in addition require to take two ordinary law options.

### Fourth Year

#### Honours

To be eligible to enter Honours, students must have gained 240 credits by the end of the second year. The Honours degree allows students the opportunity to explore selected subjects more deeply through personal research and extended essay work; a particularly strong feature is the independently researched dissertation of around 10,000 words written on an approved topic chosen by the student. It offers an ideal training for students wishing to proceed to postgraduate legal research: in the recent past Aberdeen graduates have gone on to research studies in such Universities as Harvard, Amsterdam, Cambridge, Virginia,

Tulane (New Orleans), McGill (Montreal), British Columbia (Vancouver), Toronto, Brussels, Lyon, Berlin, Regensburg, Utrecht, the College of Europe in Bruges and the European University Institute in Florence. It also has a wider value, however, and the range of Honours subjects and the opportunity to study them in depth allows those wishing to carry forward specialist interests before entering the profession to do so.

An Honours student will generally take one Honours course in each half-session in third year in addition to the third year non-Honours courses described above. In fourth year, he or she will generally take two Honours courses in each half-session, and complete the compulsory dissertation.

**LLB or LLB (Honours) with options in Accountancy, Economics or Management Studies.** These Sustained Study degrees are particularly attractive to students wishing to embark on legal or non-legal careers in business and commerce. In each case, six courses in Accountancy etc are studied along with the normal law programme in the first three years.

**LLB or LLB (Honours) with options in French, German, Spanish or Gaelic.** These Sustained Study degrees are designed for students who wish to develop their interests in French, German, Spanish or Gaelic language while obtaining their law degree.

Students study six relevant language courses with the normal law courses over first, second and third year, and aim to develop students' oral, written and reading skills in the relevant language and extend their knowledge of France, Germany or Spain. These degrees allow students to study their selected language and all the 'professional' LLB courses necessary for entry into the legal profession without extending the normal length of time for an LLB or LLB (Honours) degree, and help in the study of law subjects such as International Law and European Law. In terms of careers, the combination of law and French, German and Spanish language is particularly useful to those seeking employment in Europe, in international agencies such as the United Nations, and in companies and legal firms with international connections. **Note: these degrees do not involve any study abroad.**

**LLB or LLB (Honours) with Belgian, French, German or Spanish Law.** These Sustained Study degrees extend over four and five years respectively. In both cases, students study the relevant language courses along with their normal law courses, and spend their third year studying abroad: for the degree with French Law, at Grenoble University, Lyon University 2, Reims, Strasbourg or Clermont Ferrand 1 University; for the degree with German Law, at Regensburg, Freiburg

or Marburg University; for the degree with Belgian Law, at Brussels University and for the degree with Spanish Law, at Deusto University in Bilbao or Seville University. Students must have passed all their compulsory first and second year Law courses and the relevant language courses to undertake the year abroad.

#### LLB or LLB (Honours) and European Studies.

These degrees extend over four and five years respectively. In both cases, students spend their third year studying abroad at the University of Maastricht in Holland, the University of Aarhus in Denmark, the University of Helsinki in Finland, the University of Leuven in Belgium, the University of Bergen in Oslo, Vienna University of Economics and Business in Austria, or the University of Deusto in Spain, where law classes are taught in English. Students must have passed all their compulsory first and second year Law courses and the course in European Union Institutions and Law to undertake the year abroad.

#### LLB or LLB (Honours) with Options in Music.

This Sustained Study degree provides law students with an opportunity to pursue law as their major University subject and to maintain and develop their interest in Music Performance. Students take six courses in Performance Studies in the first three years of this degree. Entry to the music components of the programme is by successful audition.

As a guide to the expected standard, applicants should normally:

- > have achieved at least ABRSM Grade IV or equivalent on piano
- > be working at no lower than ABRSM Grade V standard or equivalent on additional study instrument or voice
- > have achieved at least ABRSM Grade VIII or equivalent on main study instrument or voice

#### Teaching and Assessment

Most non-Honours subjects are taught by a combination of hour-long lectures and tutorials. Lectures are designed to give students a basic grounding in the subject matter of the particular course; the size of lecture classes depends on the number of students taking the particular course, but will generally be large. In contrast, tutorial groups are small (normally no more than 10 students per group) and student-centred. Tutorials are designed to allow selected aspects of a course covered in lectures to be examined in more depth, or subjects not covered in lectures to be explored; they also encourage the development of transferable skills. Depending on the exact programme chosen, a new law student will normally attend a total of 12 lectures and



two tutorials each week. Honours subjects are generally taught by seminar only, in small groups (normally a maximum of 16 students per seminar group). Seminars, like tutorials, are student-centred and allow selected aspects of a subject to be studied in greater depth than is possible at non-Honours level. In addition to formal classes, students will also spend time in private study, preparing for lectures, tutorials, seminars, coursework and exams. At both non-Honours and Honours level, the emphasis is on students taking responsibility for their own learning within the framework provided by the formal classes.

Assessment in non-Honours courses is generally by way of essays and exams which take place at the end of the course. Assessment in Honours courses is by way of a combination of continuous assessment during the course and exams which take place at the end of the course.

### Part-time Law Studies

It is possible to study for the LLB degree on a part-time basis over a minimum of five and a maximum of six years. Students will study a maximum of five courses per year. Further information is available on the Law School web pages or from the Student Recruitment and Admissions Service office. It is also possible to study a maximum of four law courses on an individual subject study basis either for interest or as a prelude to undertaking the full-time LLB or LLB Honours degrees. For the structure of the degree visit [www.abdn.ac.uk/law](http://www.abdn.ac.uk/law).

### Your Future

Aberdeen graduates continue to enjoy high employability and a law degree may be used as a springboard for entry into a wide range of careers. Although many students still study law with a view to entering the legal profession, more than a third of Aberdeen law graduates now choose to use their law degree as a passport for entry into a wide range of alternative careers including chartered accountancy, the media, merchant banking, stockbroking, human resources and financial management, the Civil Service, social work, teaching, the inspectorate of taxes and the police force. Both graduates and employers recognise that the valuable skills gained in the course of a law degree can be put to many uses other than the practice of law itself. For those who do choose to practise law, there is a wide variety of career options within the law itself.

The legal profession in Scotland is divided into two main branches, solicitors and advocates. The normal route to become a solicitor, involves a student completing an LLB or LLB (Honours) degree which includes the necessary professional subjects, then complete the postgraduate Diploma in

Professional Legal Practice (DPLP) and then enter a two-year training contract with a firm of solicitors.

Solicitors may be employed in private practice, local authorities, commercial organisations, the Procurator Fiscal Service or the Civil Service, and may undertake a wide variety of work, including private client, commercial and litigation work.

An intending advocate must also complete an LLB or LLB (Honours) degree to the standard required by the Faculty of Advocates, the DPLP and a period of training in a solicitor's office, followed by further practical training as a pupil to an experienced advocate and sitting the Faculty of Advocates' written examination in Evidence, Pleading, Practice and Professional Conduct. The DPLP need not be undertaken at the same University as the student's law degree.

**It should be noted, however, that possession of an LLB or LLB (Honours) degree does not guarantee a place on any DPLP course: decisions are based on academic criteria. SAAS student loans are available to all eligible candidates admitted to the Diploma. It should also be noted that possession of an LLB or LLB (Honours) degree and a DPLP does not guarantee the holder a training contract with a solicitor.**

**Converting to English Law:** Instruction at the University of Aberdeen is based on Scots Law not English Law. However it is possible after graduating from the University to take a conversion course in order to qualify as a solicitor in England. This may be done in two ways. The first is to qualify as a solicitor in Scotland as described above and then take the Qualified Lawyer's Transfer Test, which involves a three hour examination in English property law; the alternative route is to take the Postgraduate Diploma in Law (GDL) at an English law school after graduating with a Scottish law degree, then complete the year long postgraduate Legal Practice Course (LPC) and a two-year training contract with an English solicitor. An Aberdeen graduate could gain exemption from most of the GDL examinations on the basis of equivalent courses studied and passed in their Scottish law degree, leaving only two or three courses, which can normally be studied on a part-time basis.

**Careers Talks:** Under the auspices of its Employer Liaison Committee, the Law School runs a series of career talks each year for its students given by those working in the various fields, and which aim at providing information about a variety of law careers, as well as alternatives to law careers.

# Degrees in Medicine & Dentistry

**MBChB** (Medicine)

**BSc** (Honours) MedSci

**BDS** (Bachelor of Dental Surgery)

**From 1497 the University boasted the first chair of medicine in the English-speaking world. Learning modern concepts of healthcare in ideal surroundings against a backdrop of long medical traditions and a brand new School of Dentistry – that is what the University of Aberdeen can offer you.**



## Medicine

### What You Need

Prospective medical students must demonstrate a clear commitment to medicine and have an understanding of what a doctor's job entails. Candidates should display an understanding of the core qualities required of a doctor and show evidence of teamwork and involvement in other non-academic pursuits. Although not essential, medically related work experience is useful as a means of researching a career in medicine, but unfortunately, not always available. However, it is essential that every candidate explores the realities of a career in medicine by as many means as possible.

In common with other British medical schools, Aberdeen has a quota for both home (152) and international students (12). All applicants are judged on their merits, in particular their potential benefit to the medical profession. There is no fixed upper age limit. All applicants are expected to have completed a normal programme of school studies. Scottish applicants are encouraged to participate and experience S6, even if they achieve the minimum entry requirements at the end of S5.

The University is mindful of its overriding duty of care to the public with whom medical students are in close contact and has a duty to ensure potential applicants meet the requirements of the General Medical Council (GMC) for fitness to practise. To this end, screening, by means of a questionnaire, is undertaken for all entrants to the School.

A health questionnaire, completed at the time of interview, will be reviewed by Occupational Health, prior to entry to the MBChB programme. This process will identify students with any disabilities or health conditions that may affect them in their training, so that the School can be advised of any support required. In addition, the School would ensure that patients are not put at risk, for example, by identifying students who will be unable to perform "exposure prone procedures" because they are a potential source of blood borne virus infection.

In the exceptional situation where any serious issues of health or disability which may not be compatible with achieving the outcomes set out by the GMC in 'Tomorrow's Doctors' are identified, the relevant Occupational Health Report would be considered by a Panel of Advisors to the School. All applicants who have been accepted for study are required to provide a certificate of an enhanced criminal records check. In addition, international applicants and applicants who have lived abroad for a significant number of years are asked to provide additional proof that they did not have any convictions whilst abroad.

UCAS applications that offer suitable academic standards of qualifications are processed in four stages. Firstly, an academic score is given for attained or predicted qualifications, the second score is given for attainment in the UK CAT. Thirdly, the UCAS personal statement and reference are carefully evaluated and objectively scored. A summary of these scores determines which candidates are then selected for interview. Interviews take place between November and March and achieve the fourth objective score. Some overseas applicants are interviewed overseas.

Ultimately, offers will be made to candidates who achieve an overall score that is greater than the designated threshold. Offers are made in late March each year.

### Minimum Academic Requirements

Competition for places to study Medicine each year is extremely high. We strongly advise you to find out more about the academic and non-academic requirements for Aberdeen by visiting our website at [www.abdn.ac.uk/medicine/prospective/admissions/requirements](http://www.abdn.ac.uk/medicine/prospective/admissions/requirements).

Achievement of the minimum academic requirements allows an application to be **considered** for selection - it offers no guarantee of success.

The majority of successful candidates achieve the minimum academic requirements or better at the first sitting. We do not normally consider applicants who are re-sitting their examinations to upgrade results unless very exceptional extenuating circumstances at the time of the first sitting have been immediately disclosed and subsequently verified.

All applicants must hold a Standard Grade pass at 3 or GCSE level pass at C (or equivalent) in the following subjects: **English Language and Mathematics.**

Candidates whose first language is not English, must also achieve either an IELTS overall score of 7.0 with a minimum of 7.0 in the speaking section, or TOEFL iBT score of 100+, to include 28+ in a speaking test

### Scottish Qualifications (SQA)

**5H at AAAAB** obtained at a single sitting of Hs. Chemistry is required, plus two from Biology/Human Biology, Mathematics and Physics plus two other subjects. Applicants only attempting four Hs owing to school policy or personal difficulties are normally required to achieve **AAAA** at the first sitting.

Candidates who do not meet the H requirements in S5 may be considered\* but must offer an appropriate programme of study in S6 and advice should be sought. The normal expectation for applicants who are one grade down, would be that they offer one new H predicted at A, plus two AH predicted

at BB, or two new Hs predicted at AA plus one AH predicted at B. Alternative studies could be three AH at ABB, when Chemistry would be required with one from Biology, Mathematics or Physics plus one other subject. Higher ESOL is also recognised in lieu of Higher English where the mother tongue is not English.

\* Please refer to our medicine website for full details.

### General Certificate of Education (GCE)

**3 A Levels at AAA.** Chemistry is required plus at least one from Biology, Mathematics or Physics plus one other subject.

### Irish Leaving Certificate Ardeistimeireacht (ILC)

**6H at AAAAAA** obtained at a single sitting of Hs. Chemistry is required, plus two from Biology, Mathematics and Physics.

### International Baccalaureate (IB)

**3** subjects at **HL** at grade **6** or better, (including Chemistry), plus 3 other subjects at an average of **6** (including two additional sciences - Maths, Biology or Physics, with at least one at HL) - i.e. at least 36 points overall, to exclude points for TOK & bonus points.

### UK Clinical Aptitude Test (UK CAT)

The University of Aberdeen Medical School, along with most other UK medical schools, uses the UK Clinical Aptitude Test (UK CAT) to help select applicants for the undergraduate medical programme. All candidates must complete the UK CAT by the appropriate closing date for that year's entry. For more information, visit [www.ukcat.ac.uk](http://www.ukcat.ac.uk)

Our departmental (medicine) website contains much more, extremely useful information for all potential medicine applicants, their parents and teachers.

### Transfers From Other Degree Programmes

Transfer of students from another degree course into medicine is not normally considered. Undergraduates enrolled in other degree programmes are advised to complete their current degrees and apply as graduates.

### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)  
Call us: +44 (0)1224 272090/91



### Course Information

[www.abdn.ac.uk/medicine/prospective](http://www.abdn.ac.uk/medicine/prospective)  
**General Information**  
[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



There is an opportunity for spending at least a limited time abroad during the project-based medical elective module in Year 5.



**Need more Info?**  
Scan the QR code



### Why Choose Aberdeen?

- > **Over 500 years of medical tradition with a new, thoroughly modern medical programme, systems-based and fully integrated**
- > **Much of the MBChB is now delivered from two new state-of-the-art Teaching and Learning Centres with unrivalled educational, simulation and social facilities on the Medical School/Hospital campus in Aberdeen and later in the curriculum, in Inverness, when students are on rotation there**
- > **Ideal surroundings and one of the largest combined teaching and clinical campuses in Europe. As a Centre of Excellence, Aberdeen offers superb clinical opportunities and facilities for students**
- > **Clinical teaching and patient contact from Year 1**
- > **Excellent student support schemes**
- > **Major opportunity to experience remote & rural medicine, explore medical humanities and carry out an elective project in a centre of your own choice worldwide**

### What does the Medical Programme Offer?

#### Outstanding Clinical Facilities

You will find an exciting range of clinical attachments on offer at Aberdeen, both locally and across the Highlands and Islands. Most clinical teaching takes place at the Medical School and its main teaching hospitals (Aberdeen Royal Infirmary, Aberdeen Maternity Hospital, Royal Aberdeen Children's Hospital, Royal Cornhill Hospital and Woodend Hospital), all situated on or near the magnificent Foresterhill site, which is one of the largest clinical and teaching hospital campuses in Europe. The hospitals incorporate the full range of clinical facilities required for the population of the North-east of Scotland. The Medical School has very close links with other clinical units in Grampian and the Highlands and Islands, in particular Dr Gray's Hospital, Elgin and Raigmore Hospital, Inverness, and all students undertake hospital-based clinical placements outside Aberdeen. The Inverness campus at Raigmore Hospital is the gateway to healthcare delivery in the Highlands and Islands of Scotland where our students are able to utilise the splendid facilities of the clinical skills centre in the new Centre for Health Science. In addition, our extensive network of teaching general practices around Scotland, also gives students opportunities to experience patient care in many different community settings.

#### Fully Equipped Clinical Skills Centres

The new Suttie Centre for Teaching and Learning in Healthcare in Aberdeen and the Centre for Health Science in Inverness provide superb new facilities. The Suttie Centre in

Aberdeen allows Anatomy and Clinical Skills teaching to be co-located. This gives students the opportunity to integrate and consolidate anatomical structure and function with clinical knowledge as they progress through the MBChB curriculum. Both centres allow students to learn in the same environment as healthcare staff and to continue to develop their knowledge and skills after graduation.

Within the clinical skills areas, students practise communication skills, medical consultations and learn basic examination techniques in the Centre. Volunteer 'simulated patients' from the community take part in these sessions, allowing beginners to practise the skills in a non-threatening environment. A sophisticated digital video recording system allows students to review their skills with their teachers. The facility also allows students to learn techniques using a variety of mechanical and computerised models – e.g. to take blood from an artificial arm, listen to the heart sounds of 'Harvey' (the computerised heart patient) and resuscitate 'Annie' after a heart attack, or deal with medical emergencies with Hal, SimMan or SimBaby.

#### Remote and Rural Option

The Remote and Rural Option is based at the Inverness campus at Raigmore Hospital. The Option has been developed to be undertaken by students in Years 4 and 5 who have a special interest in undertaking their clinical attachments or even future careers in remote or country areas. Other students just wish to gain this experience to enhance whatever future career path they choose. Rather than undertaking the usual one or two out of the nine clinical blocks outwith Aberdeen in Year 4, students who have elected to take the Remote and Rural Option will undertake all their hospital placements at Raigmore Hospital and attend one of the Highland or Skye General Practices.

In Year 5, students who have elected to continue the Remote and Rural theme will undertake all their attachments in the Remote and Rural areas. The hospital placements can be in Elgin, Inverness, Wick, Shetland, Stornoway or Fort William. The GP placements can be anywhere in the Highlands, Western Isles, Argyll, Orkney, Shetland and Skye.

#### Superb Student Support Services

As well as the University's comprehensive range of student support services, there are also specific support schemes for medical students.

**The Regent Scheme.** Each medical student is assigned to an experienced member of staff who, for the next five years, is that student's Regent. They meet regularly. A student's Regent has two main tasks; to provide support and guidance on any matter and to act as a mentor to help with the student's professional development.

**Student Pairing Scheme.** Every first year student is paired with a 'Mum and Dad' - second year students, who provide support and advice based upon their own experiences. The GMC quality assurance assessment noted the excellent experience at Aberdeen and the students' own high regard for the course and the School.

The Medical School also has a very active student-managed **Medical Society (MEDSOC)** which organises many educational and social events, including a medical electives' evening, the MEDSOC Ball and the Medical School Annual Revue.

#### Teaching in a Research Active Environment

Teaching in an atmosphere of research is an important part of our University's philosophy. The Institute of Medical Sciences (IMS) brings over 250 scientists and clinicians together in a high quality research laboratory environment. The Institute of Applied Health Sciences (IAHS) brings together groups with interests in health and health services research.

Research at Aberdeen includes internationally recognised expertise in immunity and infection, microbiology, bone and musculoskeletal medicine, neuroscience and health services research. Magnetic Resonance Imaging (MRI) was developed as a result of a crucial innovation by Aberdeen scientists and highly acclaimed research that makes use of advanced imaging technologies is ongoing.

There are opportunities for undergraduates to gain research experience and work towards an academic career path. For more information see [www.abdn.ac.uk/acat](http://www.abdn.ac.uk/acat)

#### Degree Programme Structure and Content

The MBChB curriculum has been recently revised to ensure that it remains up-to-date and the introduction of the new course coincided with the opening of the new Suttie Centre. The main features of the new programme are increased integration of basic science and clinical teaching in the early years and the introduction of a Personal and Professional Development thread (PPD) that runs through all five years. Years 1, 2 and 3 of the programme offer close integration of basic science and clinical teaching and the use of clinical cases (case-based learning) to allow students to apply their scientific knowledge in a clinical context.

Teaching is systems based, with the final integration of the examination of all body systems coming in third year.

The length of the programme is five years and is designed around the concept of incremental learning. After mastering the basic principles of medicine in years 1 to 3, much of it learned in the "safe" environment of the Clinical Skills Centre, students progress to a comprehensive series of clinical attachments in Years 4 and 5 which allow them to participate in the

practical application of everything they have learned. Thus there is a step-by-step approach to the development of knowledge, skills and professional attitudes, whilst undertaking a systems-based approach to learning. In addition, there is an option to undertake a one-year intercalated BSc degree between Years 3 and 4 and to undertake the Remote & Rural Option for Years 4 and 5.

### Student Selected Components

The MBChB programme is based on a structure of core material and Student Selected Components (SSCs). The core material accounts for approximately 80% of all teaching and covers topics which are essential for all doctors. The SSCs make up the remaining 20% of the programme and allow students to follow up areas of personal interest for more detailed study. SSCs appear in all five years of the programme and a considerable range of choices are available. In Years 1 to 4 the SSCs predominantly involve group projects but in Year 5 students will undertake individual projects. Ultimately, students must successfully complete both the core and SSC parts of the course to graduate.

#### Year 1

The first term sets the scene for the whole of undergraduate study. This begins with the student gaining an understanding of the medical sciences and the disease processes that underpin medicine. The foundations of clinical method and communication skills are explored with an introduction to clinical practice and patient care.

The systems-based course will then commence with the study of two major systems, the Respiratory and the Cardiovascular Systems. This systems-based course will use clinical cases to act as a focus for learning. Thus, the appropriate anatomy, physiology and biochemistry of each of the body systems will be explored, as will the disease processes that affect normal structure and function within each system. The clinical cases will illustrate the use of appropriate investigations (tests) and treatments that are undertaken.

Students will learn how to explore patients' symptoms and perform clinical examination (clinical method) for each of the systems studied and thereafter will have opportunities to practise these skills in a variety of clinical settings.

The integrated teaching of communication skills with clinical method will commence with the start of the systems-based course.

During Year 1 students will also undertake a parallel Community Course which uses a network of local general practices. This course will include contributions from disciplines such as General Practice, Public Health, Mental Health, Environmental and Occupational Medicine, Care of the

Elderly and Child Health, and will provide an opportunity to learn about the effects of social, economic and environmental factors on humans, and will integrate with the Systems teaching.

Towards the end of the year, the first four-week Student Selected Component will be undertaken involving project-based small group work.

#### Year 2

The systems-based courses and the Community Course continue to develop throughout second year, with students building on their basic knowledge of clinical skills acquired in Year 1. A second four-week Student Selected Component with the theme, "Molecular Medicine" is undertaken halfway through Year 2.

#### Year 3

The study of the Systems and the Community Course will be completed in third year. Students by now are able to perform a complete history and examination and have basic knowledge of common diseases in all the major body systems.

A six-week SSC just before Christmas provides students with a unique opportunity to study a topic outwith the mainstream of medicine, with a wide variety of topics within Medical Humanities offered e.g. History of Medicine, Literature and Medicine, History of Art etc.

#### Year 4

Year 4 begins with a four-week SSC on a topic within a general theme of "General Effectiveness". This includes project choices in global medicine, evidence based medicine and population health. This SSC provides a gentle start to an intense year of clinical experience. Students undertake nine five-week blocks when they experience at first hand in clinics, operating theatres and wards the delivery of healthcare – the practical application of the knowledge and skills they have gained in Years 1 to 3. These clinical opportunities are based in hospitals and the community, in and around Aberdeen and at least one clinical block will be undertaken in Inverness.

Year 4 may be undertaken as described above along with most of the year group, with the main base in Aberdeen. Alternately, students may choose to undertake the Remote & Rural Option for all the blocks in Year 4 and these students will have Inverness as their main base. There are up to 18 places available for students who wish to undertake this option in Year 4.

#### Year 5

Year 5 is very much an apprentice year where students prepare for the competent, safe, effective and professional practice of medicine as a pre-registration Foundation Doctor. This Year is not systems-based, but instead focuses on professional practice and the holistic care

of each patient. Students gain extensive clinical experience during three eight-week attachments over a wide range of locations in:

- > **A medical speciality (student choices from an adult medical speciality, paediatrics and medicine for the elderly)**
- > **A surgical speciality (student choices from a surgical speciality, obstetrics and gynaecology and anaesthetics and intensive care)**
- > **General practice or psychiatry**

Some students may wish to continue to undertake Remote and Rural attachments for a second year for some, or all of Year 5.

World-wide locations are commonly arranged by students during the eight-week project-based elective.

Prior to qualification, the Professional Practice Block provides teaching and learning opportunities to help bridge the gap between life as a student and the practicalities of life as a junior doctor.

### Special Features Include

- > **New state-of-the-art teaching centres on the main hospital campuses in Aberdeen and Inverness**
- > **5-year, systems-based and fully integrated MBChB programme**
- > **Patient contact and clinical skills training from Year 1**
- > **Opportunities in all years to study in depth, topics of particular interest to you**
- > **Opportunity to take an intercalated BSc Medical Sciences degree**
- > **Opportunity for all students to undertake a six-week Medical Humanities module in third year and an optional intercalated degree in humanities**
- > **Excellent student support systems**
- > **Exciting range of clinical attachments locally and across Highlands & Islands**
- > **Opportunity to study medicine in Remote and Rural areas for up to two years**
- > **Project-based elective with the opportunity to study abroad**

### Teaching and Assessment

During the first three years of the curriculum, students receive teaching through a variety of methods including lectures, tutorials, practical anatomy and clinical sessions and small group Community Course sessions. The rest of the time is set aside for self-study and self-directed learning, often computer-based.

Clinical expertise is initially acquired both in the Clinical Skills Centre as well as in hospital and other clinical areas. Teaching sessions may involve practical demonstrations with real or simulated patients, with many

opportunities for supervised or self-directed practice. Simulation plays an important part of clinical learning in the Clinical Skills Centre and students are encouraged to take the opportunity to 'book' the rooms and equipment and practice their skills further. Later clinical attachments consolidate early practice when students may be placed within Aberdeen. All students undertake hospital-based clinical placements outside Aberdeen.

This variety of placements offered, both within and outwith Aberdeen, allows our students to experience not only inner-city medicine, but also gives a unique opportunity to see how healthcare is delivered in areas far removed from large teaching centres.

The curriculum is supported by an e-learning platform – My MBChB. This is a web-based intranet resource for students to support their learning throughout their undergraduate years and can be accessed by students from all clinical and university campuses as well as from outside these areas. Material available includes administrative information such as lectures and timetables, educational resources such as teaching videos and podcasts and bulletin boards for students to exchange information and post notices.

The Medical School has a duty to ensure that its graduates have achieved a safe and satisfactory standard of performance in all the elements of medical practice. Assessment is built in throughout the five years of the course, to ensure that basic skills are mastered before moving on to more advanced topics. Since medicine is not simply a theoretical subject, teaching and learning covers knowledge, skills and attitudes, and assessment must therefore do the same. A variety of assessment methods are used.

Formative assessments are widely distributed within the course and their purpose is to provide feedback to students on how well they are performing. There is no sanction or penalty for failing these 'practice' exams – they are intended to provide an early warning to students that they are not reaching the required standard. There are extensive support mechanisms within the Medical School and formative exams often help staff to identify students who need help for one reason or another – e.g. because of illness or personal or financial difficulties.

Summative assessments are degree exams, usually at the end of a year. These are the 'official' assessments that determine whether a student is good enough to proceed to the next year of the course, or to graduate at the end of the course. Students normally have two opportunities to pass such assessments.

### Intercalated Degree (BSc Medical Sciences)

At the end of third year or alternately, between fourth and fifth year, there is the opportunity to be involved in cutting-edge research, by undertaking an intercalated one-year Honours BSc in the School of Medicine and Dentistry or in the School of Medical Sciences. Currently around 20% of the year does this.

The degree programme consists of interlocking taught courses specifically tailored to medical students, providing structured teaching and building up to a detailed self-directed learning project. This is followed by an extended individual 20-week research project, with projects available in a range of departments and disciplines. The programme aims to give students the opportunity to study in greater depth an area of biomedical or clinical science. At the end of the programme students will be able to undertake and critically evaluate research and understand basic principles of research methodology.

A recent innovation is the opportunity to take the intercalated degree in Medical Humanities, a unique opportunity for students whose interest has been stimulated by the Humanities SSC in third year.

### Curriculum Review

The MBChB programme is based on the educational outcomes of Tomorrow's Doctors 2009 (GMC). The programme is constantly updated in response to GMC guidance, to scientific and medical advances, to changes in healthcare delivery and changes in educational theory and practice. Aberdeen has always been at the forefront of medical education and therefore the current curriculum has been modernised to ensure that it produces doctors fit for practice in the 21st century! "Tasters" of arts and humanities have been introduced throughout the course, whilst teaching using the state-of-the-art facilities based in the new Suttie Centre, allows for close integration of basic science and clinical teaching.

### Your Future

#### Foundation Programmes

On successful completion of the undergraduate curriculum and graduation you will apply for a two year Foundation Programme rotation. All newly qualified doctors are matched to the Foundation Training Programme. On satisfactory completion of Foundation Year 1 you will be awarded full registration by the General Medical Council with a licence to practise subject to demonstrating to the GMC that your fitness to practise is not impaired.

Successful completion of Foundation Year 2 results in the granting of the Foundation Achievement of Competency Document (FACD) which is a requirement for application to Specialty Training.

Foundation Programmes allow a wider taste of different aspects of medical practice than was formerly the case. In addition, careers advice and counselling will be available part way through Foundation Year 2 (FY2). Detailed information about careers in medicine can be obtained by accessing our website:

[www.abdn.ac.uk/medicine/prospective/students/aberdeen/careers](http://www.abdn.ac.uk/medicine/prospective/students/aberdeen/careers)

#### Specialist Training

Doctors who have successfully completed a Foundation Programme will compete for a place on a specialty training programme of their choice. There are 65 specialty streams including General Practice. If successful a doctor is awarded a National Training Number (NTN) and commences training. On successful completion the doctor is awarded a Certificate on Completion of Training (CCT). This then allows a doctor to be on the Specialty Register and work as a consultant.

#### Academic Medicine

A proportion of graduates with an aptitude for research and teaching follow a career in academic medicine. They will almost invariably proceed on to a degree by thesis e.g. MD ChM or PhD. Individuals who wish to pursue a Consultant appointment in a teaching hospital may also find this form of higher degree invaluable. Potential academics of the future are mentored in Aberdeen and encouraged to apply for the Academic Foundation Programme ([www.abdn.ac.uk/acat](http://www.abdn.ac.uk/acat)).

## Dentistry

### What You Need

**This programme is only available for Graduate Entry.**

The new University of Aberdeen Dental School offers the first graduate entry, four year, BDS programme in Scotland. As is common with all new professional degree programmes, the General Dental Council (GDC) has begun the process of assessment of our programme, but it will not complete this approval process until the first cohort of students graduate in 2012.

Gaining a place is competitive and we have many more highly qualified applicants than our 20 places, which are for Home/EU students only. We are looking for candidates who are enthusiastic about becoming dentists and who display commitment and have good interpersonal and practical skills. Ideally, candidates should have undertaken some work shadowing and have a good understanding of what being a dentist involves. Selection is on the basis of academic qualifications, UK CAT score, personal statement, referee's report and an interview.

The University is mindful of its overriding duty of care to the public with whom dental students are in close contact. Potential applicants must meet the requirements of the GDC for fitness to practice. To this end, screening by means of a health questionnaire, is undertaken for all entrants by NHS Grampian Occupational Health. Admission is not possible for those who may pose a risk of blood borne virus infection to patients. Successful applicants will be required to undertake Occupational Health screening for hepatitis B, hepatitis C, tuberculosis and HIV infection before starting the course.

The BDS Programme is long and demanding, both physically and mentally.

You will, for example, require sufficient bi-manual dexterity to handle, simultaneously, the necessary equipment to treat patients and a dental mirror to allow you to see what you are doing. Dentistry can involve very detailed work, so you need a steady hand and good vision (with spectacles if needed).

If you have a disability which you feel might impact on your ability to meet these demands, you are urged to consult the School as soon as possible in the application process so that we can discuss the implications with you, including any adjustments that can be made to meet your needs. Further information on the University's provision for disabled students is available at:

[www.abdn.ac.uk/disability](http://www.abdn.ac.uk/disability)

All applicants who have been accepted for study are required to complete a criminal records check prior to commencement of studies.

### Minimum Academic Requirements

The entry requirement for admission is a good Honours Degree (First or Upper Second-Class) in a medical science or a health-related degree (such as Pharmacy or Physiotherapy for example). Candidates with a first degree in Medicine will also be considered. Undergraduates who are in their final year of study on an Honours degree programme must ensure that their academic reference includes a prediction of their expected degree classification. We cannot consider an undergraduate whose application form lacks this information.

### UK Clinical Aptitude Test (UK CAT)

The admissions process also involves suitably qualified applicants sitting an entrance test (UK CAT) and the scores obtained are used with other criteria to select for interview. All applicants must complete this test the year prior to entry. For more information on the UK CAT test, including registration dates, please refer to their website [www.ukcat.ac.uk](http://www.ukcat.ac.uk) You should ensure that you register early for a test as being unable to gain a test sitting will not be accepted as an extenuating circumstance.

All applications should be made through UCAS and the closing date for applications is normally 15 October in the year prior to entry to the programme.

Applicants without a medical science or health-related degree may be considered. These applicants must hold a first class degree as well as a minimum of a B grade in Human Biology and Chemistry at Higher or A-Level.

### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)  
Call us: +44 (0)1224 272090/91

### Course Information

[www.abdn.ac.uk/dentistry/prospective](http://www.abdn.ac.uk/dentistry/prospective)  
General Information  
[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



For information on University fees and bursaries please see our website at: [www.abdn.ac.uk/undergraduate/finance](http://www.abdn.ac.uk/undergraduate/finance) For information on the NHS Bursary please visit: [www.saas.gov.uk](http://www.saas.gov.uk) where there is a dedicated Dental Bursary Section

### Why Choose Aberdeen?

The School is based in a purpose built new facility which is co-located on the Foresterhill site with two other dental facilities; the Aberdeen Dental Institute, which is a new centre for postgraduate dental training with associated outreach clinics, and Argyll House, which houses other NHS Grampian dental facilities and staff offices. The new School, opened by Rt Hon Alex Salmond, MP, MSP and First Minister of Scotland in January 2010, provides an opportunity to develop a centre of excellence for dentistry which will benefit Aberdeen, Grampian and Scotland as a whole. The purpose built complex features facilities for oral surgery, dental accident and emergency, restorative dentistry, integrated oral care, orthodontics, paediatric dentistry, dental imaging as well as dental laboratories and office accommodation.

- > The course is facilitated jointly by the University of Aberdeen School of Medicine & Dentistry and the University of Dundee Dental School
- > The new course is based around a series of themes which are integrated horizontally and vertically throughout the course and has been designed to meet the requirements of the General Dental Council as outlined in "The First Five Years" Third Edition (Interim) 2008, and cognisance will also be taken to meet any future GDC requirements for the BDS programme. The necessary procedure for gaining GDC approval of our course has commenced
- > The course has been designed specifically for graduates and encompasses a variety of modern educational methods for teaching and learning. There is a focus on more independent and reflective learning, and clinical work is introduced from first year to maximise clinical experience
- > You will be part of a wider community of students who study on the Foresterhill site, including Medical and Science students; undergraduates and postgraduates. You will have excellent student support systems and access to other shared facilities such as the library and the Suttie Centre for Teaching and Learning in Healthcare. This is another exciting new building, a shared facility for NHS staff and students, and demonstrates the commitment of the University and NHS Grampian to the training and education of healthcare professionals



Need more Info?  
Scan the QR code



### Degree Programme Structure and Content

The teaching of the BDS curriculum has been planned around a series of six themes:

#### General Health and Disease

This course runs throughout the four year BDS programme and begins in first year with discussion of the basic sciences that underpin clinical practice. Topics covered include microbiology, systems physiology and anatomy, with particular emphasis on head and neck regions in the latter. This will involve studying the normal structure and function of the body before moving on to consider abnormal aspects of function and disease. Pharmacology will also be introduced during first year before being revisited in later years. The physiological, psychological and pharmacological nature of pain will be discussed towards the end of the first year and will support material covered in Dental Health and Disease at this time. During the three following years, the course will expand to encompass major and common medical conditions dentists are likely to encounter in general practice.

#### Dental Health and Disease

This covers the basic dental sciences, including dental anatomy, oral biology and physiology, oral pathology, oral microbiology etc, and the aetiology, presentation, prevention and management of the full range of dental/oral disease. The most common endemic oral diseases (caries and periodontal disease) are covered throughout year 1, with other topics covering the full range of disease introduced in the subsequent years.

#### Patient Care

This course covers the clinical care of patients. The introductory clinical skills course will commence in semester 1 of year 1 and will cover the treatment of simple periodontal disease and caries management in a simulated clinical environment using phantom heads. Integrated clinically related activities (ICRAs) take place in semester 2a to introduce the student to the clinical environment. Healthcare of your own patients will commence in semester 2b with preventative treatment and simple restorative procedures. The clinical experience will then continue throughout the remainder of the curriculum with further clinical skills courses to advance appropriate patient care, and with attachments to clinics in the full range of dental disciplines. In semester 2b of year 3, the focus will be on holistic patient care, when students will be responsible for all aspects of their patients' dental care.

Throughout this theme, there will be an emphasis on working as part of the dental team, with the roles of the other dental care professionals being explored.

#### Behavioural Science and Dental Public Health

This will cover strategies for communicating effectively with patients and will be introduced in semester 1 of year 1 to support students' first contact with patients. Modification of these strategies for communicating with different patient groups will be introduced later in the curriculum as these particular groups are considered. Behavioural techniques for the management of dental anxiety and those with special needs will also be covered.

Dental public health will be introduced in year 1, continuing throughout the remainder of the curriculum, and will cover the scope of dental public health, exploring both the interventions with individual patients and population groups, epidemiology, statistics, critical appraisal of the literature and evaluating the evidence base, the role of the dental public health consultant, links between dental health/disease and social deprivation etc.

#### Law, Ethics and Professionalism

Dental professionals are united in their occupation, their learning, and the legal and ethical standards by which they conduct their work and live their lives. The profession is regulated by the General Dental Council. The first year of this course aims to raise awareness of the issues relevant to Law, Ethics and Professionalism for dentists, and to provide an appropriate environment within which an ethical and professional attitude to dentistry will be developed. As the programme progresses, the particular aspects of the Law and ethical and professional issues associated with the different patient groups will be explored. This learning experience will be brought together in year 4 with the consideration of more complex teaching scenarios. A key aspect is to instil a caring attitude into the developing dental care professional and the need for continuing personal development throughout their career.

#### Decontamination and Infection Control

Using a series of lectures, practical classes and e-learning, the students will be able to understand, and have the knowledge of, the need for decontamination procedures and infection control. The student will then be able to arrange the working practice environment in the most safe and efficient manner for all patients and staff, taking into account the decontamination process and infection control procedures.

The application of infection control/decontamination in the clinical setting will also be assessed throughout clinical attachments as part of the assessment of professionalism.

#### Teaching and Assessment

Teaching and learning strategies have been designed to meet the needs of a more mature student group with previous experience of university education. There is a focus on more independent and reflective learning, supported by the use of e-learning. Students develop an extensive e-portfolio to collect evidence of their learning and experience, and this forms part of the assessment.

A range of assessment methods is used with a pattern of class exams during semester 1 and 2a and professional exams at the end of the year. Assessment methods may include short essay questions, practical exams and multiple short answer questions. Objective clinical assessment of your skills will be carried out by means of Objective Structured Clinical Examinations (OSCEs) and Structured Clinical Objective Testing (SCOTs) at appropriate stages.

#### Your Future

Our new programme, subject to the necessary approval, will lead to full GDC registration. Following mandatory vocational training a dentist may set up as an associate partner or principal in general practice, join the community dental service, work in a hospital with a view to becoming a consultant, or become a clinical academic and contribute to the training of the next generation of dental graduates.

# Degrees in Sciences

BSc (Designated)

BSc (Honours)

MChem

MPhys

MSci

**The University is a major international centre for teaching and research in all divisions of scientific study, and Aberdeen has an unparalleled provision of buildings and equipment for science students.**

## Choose your Degree

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## Sciences

An excellent reputation, insistence on the highest standards, a strong commitment to the best teaching practices, an up-to-the-minute curriculum designed by experts in the field, a strong underpinning of internationally acclaimed research and development - all of these and more are strong reasons why the University of Aberdeen should be your first choice for science study. The University is a major international centre for teaching and research in all divisions of scientific study. It also has the advantage of close connections with local research institutes and the Royal Infirmary, advancing the frontiers of knowledge in areas such as environmental science, human nutrition, fisheries research and medically related sciences.

## Unique Facilities

Aberdeen has an unparalleled provision of buildings and equipment for science teaching and research. From the Zoology building, over-looking the University's Botanical Garden, the impressive Fraser Noble building housing Engineering and Physics, to the striking Institute of Medical Science located at the Foresterhill site, the University has outstanding resources to sustain its teaching and research programmes.

## Flexibility and Breadth

The University of Aberdeen BSc degree structure is extremely flexible. When students apply, they are asked to nominate a specific degree title. However, admittance is actually to the general BSc Pure Science programme. Within this programme, students are free to change their degree intention to any of those listed in the BSc section of the Prospectus. There are a few exceptions: the Biomedical Sciences, MChem, MPhys and some MSci degrees have higher entry requirements than other science degrees, and consequently formal approval is required before changing degree intention to one of these degrees.

In the first year of study, students typically take at least three subjects. One of these is continued in second year for half of the time, alongside either one of the other subjects studied in first year, or a selection of subjects, some of which may be new. At the end of second year the final choice of degree intention is made, based on the subjects studied so far, and the results obtained. In third and fourth year, students follow the specified curriculum for their final choice of degree subject.

Each student has an Adviser of Studies to guide them in their subject choices and to ensure that these choices comply with the degree regulations.

## Qualifications

Students are normally admitted to a four year Honours degree programme. However, students who opt to complete their studies after one, two or three years can also receive an appropriate qualification.

The BSc can be awarded after successful completion of three full years of study. The BSc Designated degree is a named variant of the BSc, reflecting the fact that the curriculum has concentrated on a particular discipline in third year.

The Honours BSc requires four years of full-time study. The degree classification is based on the student's performance in the final year, and in some cases the third year as well.

There are also a number of integrated Masters programmes (e.g. MChem, MPhys and MSci) which require five years of full-time study. These degrees often include an integral industrial placement.

A student who leaves the University after one, two or three years of study can be re-admitted to study for a more advanced qualification.

## Study and Assessment

Generally, teaching is via lectures, tutorials, and laboratory classes. Depending on the subject there may also be opportunities for e-learning, field trips and group or individual projects.

Course assessment is usually a mixture of continuous assessment and written examinations. Continuous assessment may be based on laboratory reports, project dissertations, essays and other types of assignment. Written examinations are held at the end of each half-session of teaching. In the fourth year, a considerable period of time is spent on an individual research or investigative project.

## Employment Prospects

Most science graduates, regardless of their university, are able to find employment. The important question is not "Will I get a job after graduating?" but "What kind of job can I get?" As a science graduate from Aberdeen you will be well equipped for a wide range of high-quality employment opportunities. With a good Honours classification you will also be qualified for study towards a higher degree or PhD study.

Good Aberdeen graduates are highly regarded, and consequently many major employers in industry and commerce target the University in their annual recruiting exercises. An extremely high percentage of science graduates secure good jobs or further study/training opportunities within six months of graduation.

## Entrance Requirements

Our flexible curriculum allows students to change degree intention within the overall science programme on commencement of study or later. As a consequence of this flexibility, our entrance requirements are expressed in very general terms. We look for a good level of proven academic ability overall, and strength in Science or Mathematics subjects. Beyond this we do not usually insist on specific subjects.

In some cases, such as Chemistry and Mathematics, previous study of the subject is usually desirable in order to cope with the first year material. A student applying for one of these degrees who does not have the required background may still be offered a place, but in this case may be directed towards one of the other science degrees for which their background provides a better preparation.

## Advanced Entry

The four year length of the degree programme provides the opportunity for the breadth and flexibility that is such a significant feature of the Aberdeen Honours degree. However, for those who are well-qualified, and who are clear about their degree intention, it is possible to complete an Honours degree in three years rather than four. Such students effectively join the second year of the degree programme, and during this year they study the required second year modules for their nominated degree subject, alongside a selection of other first and second year modules. Good entry qualifications are needed, at least up to the level of GCE A Level or SQA Advanced Higher, particularly in subjects that are essential for the intended degree and that would otherwise have been studied in first year. Opportunities for third year entry also exist for those with qualifications up to the level of a good HND, provided the core content of the first two years of the degree curriculum has been covered adequately. See tables on pages 154 and 155 for more information.

## Curriculum Reform

You may have the opportunity to take Enhanced Study options as part of your degree and participate in co-curricular activities. See page 14 for more information.

## Probable Entry Requirements for 2013 – BSc/BSc (Honours)

Type of Qualification	General Requirements	First Year Entry	First Year Subject Requirements	Second Year Entry	Second Year Subject Requirements
<b>SQA - Scottish Qualifications</b>	S at levels 1, 2 or 3 or Int 2 in English, Mathematics and in either Chemistry or Physics	A minimum of 4H at BBBB (C at AH may substitute for B at H)	BB from two science or Mathematics subjects	A minimum of 3AH at ABB	2AH at AB from two science or Mathematics subjects (including the subject(s) nominated for Honours)*
<b>GCE - General Certificate of Education</b>	GCSE at C or above in English or English Language, Mathematics and in either Chemistry, or Physics or Dual Award Science	A minimum of 3 A Levels at BBB	BB from two science or Mathematics subjects	A minimum of 3 A Levels at ABB	AB from two science or Mathematics subjects (including the subject(s) nominated for Honours)*
<b>ILC - Irish Leaving Certificate/ Ardeistimeireacht</b>	O in English, Mathematics and in either Chemistry or Physics	A minimum of 4H at BBBB (B1 or B2 required)	BB from two science or Mathematics subjects		
<b>IB - International Baccalaureate</b>	SL or HL in English	A minimum of 30 points	5 points at HL required from two science or Mathematics subjects	A minimum of 34 points	6 at HL in the subject(s) nominated for Honours
<b>EB - European Baccalaureate</b>	Pass First Foreign Language	A minimum of 70% overall			
<b>National Diplomas</b>	GCSE at C or above in English or English Language, Mathematics and in either Chemistry, or Physics or Dual Award Science	Distinction overall	Main subjects to be science or Mathematics		
<b>Higher National Certificates</b>	See SQA Scottish Qualifications or GCE General Certificate of Education	Pass with Merit or B grade	Main subjects to be science or Mathematics		
<b>Higher National Diplomas</b>	See SQA Scottish Qualifications or GCE General Certificate of Education			Pass with Merit or B grade	Good performance in subject(s) nominated for Honours

\*Please refer to individual course entries for specific subject requirements.

Computing, Geography, Geology, Information Systems, Psychology and Technology are acceptable as Science subjects for entry purposes.

### Offers of Admission

Applicants should note that achieving the minimum entrance requirement will not guarantee an offer of admission. We have many more applicants than places and most of them meet our minimum entrance requirements. Consequently, we may need to ask for more than the minimum. This might take the form of further academic qualifications or better grades, and an applicant's academic profile will normally be the most significant factor in our decision making. Additionally, certain features of the personal statement (community involvement, sport/music/drama, etc., practised at a high level of commitment, appropriate work experience, or some similar feature) may help to strengthen an applicant's case.

### Scottish Baccalaureate

The Scottish Baccalaureate qualification is a good preparation for entry to university. The qualification will be considered alongside Advanced Highers, for direct entry into year two across a range of degree programmes.

However, for Medicine the admissions process is highly selective. For the present time, Scottish Baccalaureates will not form part of the standard entry requirements for Medicine at Aberdeen.

### Articulation Agreements

#### Aberdeen College / Banff & Buchan College

HND students who have successfully completed their studies in Science may be able to gain advanced entry to certain University of Aberdeen degree programmes in related science subjects. Contact your college or the University of Aberdeen Admissions team on **01224 272090/91**.

### New 14-19 Diploma Qualification

We have considered the acceptability of the new 14-19 Diploma for our undergraduate degree courses and our entry requirements have been modified to accommodate the new qualification. Please visit **www.ucas.com** for more information.

## BSc Biomedical Science

Type of Qualification	General Requirements	First Year Entry	First Year Subject Requirements	Second Year Entry	Second Year Subject Requirements
<b>SQA - Scottish Qualifications</b>	S at levels 1, 2 or 3 or Int 2 in English, Mathematics and in either Chemistry or Physics	A minimum of 4H at AABB (C or B at AH may substitute for B or A at H respectively)	AB from Chemistry and another science or Mathematics subject	A minimum of 3AH at AAB	2AH at AB from Chemistry and Biology
<b>GCE - General Certificate of Education</b>	GCSE at C or above in English or English Language, Mathematics and in either Chemistry, or Physics or Dual Award Science	A minimum of 3 A Levels at ABB	AB from Chemistry and another science or Mathematics subject	A minimum of 3 A Levels at AAB A Level subjects should include Chemistry, Biology and (normally) Physics	AB from Chemistry and Biology
<b>ILC - Irish Leaving Certificate/ Ardeistimeireacht</b>	O in English, Mathematics and in either Chemistry or Physics	A minimum of 4H at AABB (B2 or above required)	AB from Chemistry and another science or Mathematics subject		
<b>IB - International Baccalaureate</b>	SL or HL in English	A minimum of 32 points	5 points at HL required from Chemistry and another science or Mathematics subject	A minimum of 36 points	6 points minimum at HL required from Chemistry and Biology

## MChem, MPhys and MSci in Biological/Medical Sciences

Type of Qualification	General Requirements	First Year Entry	First Year Subject Requirements	Second Year Entry	Second Year Subject Requirements
<b>SQA - Scottish Qualifications</b>	S at levels 1, 2 or 3 or Int 2 in English, Mathematics and in either Chemistry or Physics	A minimum of 4H at AABB (C or B at AH may substitute for B or A at H respectively)	AB from Chemistry and another science (MChem) or from Physics and Mathematics (MPhys) or from Chemistry and Biology (MSci)	A minimum of 3AH at AAB	2AH at AB from Chemistry and another science (MChem) or from Physics and Mathematics (MPhys) or from Chemistry and Biology (MSci)
<b>GCE - General Certificate of Education</b>	GCSE at C or above in English or English Language, Mathematics and in either Chemistry, or Physics or Dual Award Science	A minimum of 3 A Levels at ABB	AB from Chemistry and another science (MChem) or from Physics and Mathematics (MPhys) or from Chemistry and Biology (MSci)	A minimum of 3 A Levels at AAB	AB from Chemistry and another science (MChem) or from Physics and Mathematics (MPhys) or from Chemistry and Biology (MSci)
<b>ILC - Irish Leaving Certificate/ Ardeistimeireacht</b>	O in English, Mathematics and in either Chemistry or Physics	A minimum of 4H at AABB (B2 or above required)	AB from Chemistry and another science (MChem) or from Physics and Mathematics (MPhys) or from Chemistry and Biology (MSci)		
<b>IB - International Baccalaureate</b>	SL or HL in English	A minimum of 32 points	5 points at HL required from Chemistry and another science (MChem) or from Physics and Mathematics (MPhys) or from Chemistry and Biology (MSci)	A minimum of 36 points	6 points minimum at HL required from Chemistry and another science (MChem) or from Physics and Mathematics (MPhys) or from Chemistry and Biology (MSci)

**Artificial Intelligence** allows you to study the nature of intelligence by building smart computer systems, and applying these insights in solving real-world problems, whilst gaining a good grounding in core computing topics.

#### Why Choose Aberdeen?

- > This degree programme is influenced by our internationally recognised research in Artificial Intelligence
- > It covers core computing subjects as well as advanced AI topics
- > Study provides a breadth of coverage which encompasses both the theory as well as the application of AI to areas such as computer games, robotics and the web
- > Students are given the opportunity to develop their transferable skills and abilities as independent learners
- > Strong links with industry at local, national and multi-national levels lead to industrial placements (in certain programmes) and ensure relevance of the curriculum

#### Degree Programme Structure and Content

##### First Year

First year students focus on the foundations of **Computing Science**, including: how to design and implement programs; relevant mathematical concepts, and the grand challenges of Artificial Intelligence. They also study relevant **Philosophy** and/or **Psychology** topics.

##### Second Year

In the second year, students are introduced to core topics in modern computing, with courses in **Algorithmic Problem Solving**, **Data Management** and **Human Computer Interaction**. Students develop significant programming skills in a number of languages, and gain a deeper understanding of related issues.

##### Third and Fourth Year (Honours)

The third year includes a year-long **Software Engineering Project**. Working in teams, students develop a major AI system, from an initial analysis to the final delivery. The course emphasises interpersonal teamwork skills as well as technical topics. Taught courses focus more deeply on AI topics including **Robotics**, **Knowledge-based Systems**, **Adaptive Interactive Systems** and **AI for Computer Games**, as well as further core computing subjects **Distributed Systems and Security** and **Languages and Computability**.

The fourth year also involves a substantial project, but this time students work individually on a specific AI topic of interest to them; most projects are research-related. Many of the taught courses are also related to our AI research activities, including **Semantic Web Engineering**, **Peer-to-Peer and Agent-Based Computing**, **eScience**, **Natural Language Processing** and **Neural Networks and Genetic Algorithms**.

The optional Industrial Placement happens between levels 3 and 4, or after level 4.

#### Teaching and Assessment

All courses are supported by web-based material, usually including full course notes. Lectures in the first two years commonly include live computer demonstrations. Assessment is by a mixture of course-work and examination.

Prizes for academic excellence are awarded in each year of study; these are sponsored by O'Reilly, the British Computer Society, LogicaCMG, EDS and Amazon.

The Department is equipped with a dedicated network of UNIX-based computers and PCs running Linux and Windows connected to the wider campus network and internet.

#### Your Future

The employment record of our graduates is excellent; the vast majority entering occupations of their choice within three months of graduation. Our graduates have taken up posts in sectors as diverse as banking, pharmaceuticals and computer game development. Recent employers include IBM, Amazon, BP, Conoco, Hewlett Packard, EDS, LogicaCMG, SAIC, Scottish Hydro Electric, Scottish & Newcastle Breweries, British Telecom, QinetiQ and the Health Service.

#### What You Need

**SOA Highers BBBB\***

**A Levels BBB**

**IB 30 points, 5 at HL\***

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

**UCAS Code** see page 198

#### Advanced Entry

Advanced Highers ABB or A Levels ABB, or IB 34 points (6 at HL), including Mathematics, and preferably Computing.

#### Can We Help?

**Email us:** [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

**Call us:** +44 (0)1224 272090/91

#### Your Study Options

##### Single Honours Programme in

Artificial Intelligence (also available as MSci with Industrial Placement, see page 175 for information).

##### Related Honours Programmes in

MA Computing  
BSc Computing Science  
BSc Computing Systems  
MA Information Systems and Management  
BSc Behavioural Studies - Computing Science  
BSc Computing Science - Psychology

#### Professional Accreditation

*The British Computer Society (BCS)*

recognises our Single Honours degrees for professional membership without additional examinations.

#### Course Information


[www.abdn.ac.uk/ncs/computing](http://www.abdn.ac.uk/ncs/computing)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

 [facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)

 [@aberdeenuni](https://twitter.com/aberdeenuni)

 See page 25 for information

 See page 26 for information

#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



**Need more Info?**

Scan the QR code



**Behavioural Studies** at Aberdeen brings together internationally recognised researchers in social cognition, neuroscience, lifespan development, perception, language and cognition, and occupational/industrial psychology in a supportive and stimulating teaching environment.

#### Why Choose Aberdeen?

- > There are a range of specialised laboratories including those for brain imaging analysis, eye movement recording, movement analysis, visual neuroscience and face recognition
- > The School is the oldest in the UK, being founded over 100 years ago, and maintains a strong commitment to providing a supportive and stimulating environment for undergraduate studies

#### Degree Programme Structure and Content

Courses are available from first to fourth year. Behavioural Studies can be studied as a four year Honours degree or a three year Designated degree. Progression to Honours is based on passes in all level 1 and level 2 pre-requisite courses.

#### First Year

In the **Concepts and Theory** course there are lectures and workshops on: **Biological Psychology; Developmental Psychology** (human development from infancy to old age); **Animal Learning and Behaviour; Cognitive Psychology; Perceptual Psychology** and **Social Psychology**. In the **Methods and Applications** course there are lectures and practical classes that aim to give you a basic understanding of research methodology and descriptive statistics used in psychological research.

#### Second Year

In the **Concepts and Theory** course there are lectures on: **Developmental Psychology; Behavioural Neuroscience; Language and Cognition; Organisational Psychology; Perception; Social Psychology; Clinical Psychology**. The **Methods and Applications** course builds on your research methodology skills acquired in first year to examine alternative and more complex methodologies and statistics used in psychological research.

#### Third and Fourth Year (Honours)

At level 3, there are lectures and tutorials on: **Biological Psychology; Developmental Psychology; Human Memory; Perception; Psychological Assessment** and **Social Psychology**. Students also study an additional 30 credits of courses from other subjects.

At level 4, students carry out a library-based thesis project. They also select six options, currently from the following list: **Evolutionary Psychology; Human Neuropsychology; Abnormal Psychology; The Cognitive Neuroscience of Person Perception; Human Factors; Cognition and Learning, Visual Awareness; Applications of Cognitive Neuroscience; Perspectives on Social Attributions** and **Brain and Body**.

#### Variations

Students doing the Joint Honours programme take a fully prescribed curriculum of level 3 Psychology courses spread across third and fourth year, and complete a smaller empirical project in their final year. The Major-Minor degrees include language courses at levels 1, 2 and 4. At level 4, students select four of the option courses instead of six.

It is also possible to study Behavioural Studies as an MA degree. See page 83 for more information.

#### Teaching and Assessment

Teaching is by means of lectures, laboratory practicals, workshops and tutorials, with individual thesis supervision at level 4. Assessment is by means of examination and continuous assessment.

#### Your Future

Behavioural Studies graduates have many employment opportunities (occasionally after further postgraduate training) in psychology-related fields. Further areas benefiting from an understanding of the human mind and behaviour include careers in education, business, marketing and advertising. Further details of opportunities for graduates can be obtained from the BPS website: [www.bps.org.uk/careers](http://www.bps.org.uk/careers)

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB or A Levels ABB or IB 34 points (6 at HL) including Psychology at A.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in Behavioural Studies**

**Joint Honours Programme with Computing Science**

**Major-Minor Programmes with French, Gaelic, German**

**Related Honours Programme in Psychology**

#### Course Information


[www.abdn.ac.uk/psychology](http://www.abdn.ac.uk/psychology)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

 [facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)

 [@aberdeenuni](https://twitter.com/aberdeenuni)

 Students intending to do an Honours degree in Behavioural Studies can study abroad in second year of their undergraduate degree, subject to approval of the overseas curriculum by the Head of School.

 See page 26 for information

#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



Need more Info?  
Scan the QR code

## Computing Science at Aberdeen encompasses both the theory as well as the practice of computing with special emphasis given to Distributed Information Systems and Knowledge Technologies.

### Why Choose Aberdeen?

- › Degree programmes are influenced by our internationally recognised research in Artificial Intelligence, Bio- and Medical Informatics and Advanced Web Technologies
- › Study provides a breadth of coverage which encompasses both the principles and practice of Computing
- › Students are given the opportunity to develop their transferable skills and abilities as independent learners
- › Strong links with industry at local, national and multi-national levels lead to industrial placements (in certain programmes) and ensure relevance of the curriculum

### Degree Programme Structure and Content

#### First Year

First year students focus on the foundations of Computing Science, including: how to design and implement programs; relevant mathematical concepts and some of the grand challenges of Computing Science. They also study two other subjects, depending on their degree choice.

#### Second Year

In the second year, students are introduced to core topics in modern computing, with courses in **Algorithmic Problem Solving**, **Data Management** and **Human Computer Interaction**. Students further develop significant programming skills in a number of languages, and also gain a deeper understanding of related issues.

### Third and Fourth Year (Honours)

The third year includes a year-long **Software Engineering Project**. Working in teams, students develop a major software system, from an initial analysis to the final delivery. The project emphasises interpersonal teamwork skills as strongly as technical topics. Taught courses cover essential computing topics relevant to the chosen degree, with all Single Honours (Computing Science) students studying **Knowledge-based Systems, Distributed Systems and Security, Operating Systems, Adaptive Interactive Systems, Languages and Computability** and **Enterprise Computing**.

The fourth year also involves a substantial project, but this time students work individually on a specific topic of interest to them; most projects are research-related. Many of the taught courses are also related to research activity, including advanced knowledge and internet technologies.

The optional Industrial Placement happens between third and fourth year, or after fourth year.

### Teaching and Assessment

All courses are supported by web-based material, usually including full course notes. Lectures in the first two years commonly include live computer demonstrations. Assessment is by a mixture of course work and examination.

### Your Future

The employment record of our graduates is excellent with the vast majority entering occupations of their choice within three months of graduation. Our graduates have taken up posts in sectors as diverse as banking, pharmaceuticals and computer game development. Recent employers include IBM, Amazon, BP, Conoco, Hewlett Packard, EDS, LogicaCMG, SAIC, Scottish Hydro Electric, Scottish & Newcastle Breweries, British Telecom, QinetiQ and the Health Service.

### What You Need

**SQA Highers BBBB\***

**A Levels BBB\***

**IB 30 points, 5 at HL**

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

**UCAS Code see page 198**

### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including a science subject and preferably Computing.

### Can We Help?

**Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)**

**Call us: +44 (0)1224 272090/91**

### Your Study Options

#### Single Honours Programme in

Computing Science (all Single Honours degrees are also available as MSci with Industrial Placement, See page 175 for information).

#### Joint Honours Programmes with

Mathematics\*, Psychology, Philosophy, E-Business, Behavioural Studies.

\*Joint Honours Computing Science and Mathematics - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

#### Major-Minor Programmes with

French, Spanish (both available as MSci with Industrial Placement).

#### Related Honours Programmes in

MA Computing; BSc Artificial Intelligence; BSc Information Systems; BSc Business Information Systems; BSc Geographical Information Systems; MA Information Systems and Management

#### Professional Accreditation

*The British Computer Society (BCS)* recognises our Single Honours degrees for professional membership without additional examinations.

#### Course Information

[www.abdn.ac.uk/ncs/computing](http://www.abdn.ac.uk/ncs/computing)


#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

 [facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)

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### THE ABERDEEN DIFFERENCE

See page 14 for more information.



**Need more Info?**

Scan the QR code

**Information Systems** programmes at Aberdeen are influenced by our internationally recognised research in Personalisation and Advanced Web Technologies.

#### Why Choose Aberdeen?

- > Study provides a breadth of coverage which encompasses both the theory as well as the practice of Information Systems
- > Students are given the opportunity to develop their transferable skills and abilities as independent learners
- > Strong links with industry at local, national and multi-national levels lead to industrial placements (in certain programmes) and ensure relevance of the curriculum

#### Degree Programme Structure and Content

##### First Year

First year students focus on the foundations of **Computing Science**, including: how to design and implement programs (using a web scripting language); a few relevant mathematical concepts, and some of the grand challenges of Computing Science. They also study two other subjects, depending on their degree choice.

##### Second Year

In second year, students are introduced to core topics in modern information systems, with courses in **E-Society, Data Management, Human Computer Interaction** and **Advanced Web Application Development**. Business Information Systems students study Business topics as well.

##### Third and Fourth Year (Honours)

Third year includes a year-long **Software Engineering Project**. Working in teams, students develop a major information system, from an initial analysis to the final delivery. The project emphasises interpersonal teamwork skills as strongly as technical topics. Taught courses cover essential information systems' topics, with all Single Honours students studying **Adaptive Interactive Systems, Enterprise Computing and Security, Languages and Computability** and **E-Business Strategies**. Business Information Systems students study entrepreneurial courses as well, while IIS students study **Knowledge-Based Systems** and **Geographical Information Systems**.

The fourth year also involves a substantial project, but this time students work individually on a specific topic of interest to them; most projects are industry or research-related. Taught courses include **Natural Language Processing, Data Mining and Visualisation** and **Semantic Web-Engineering**.

The optional Industrial Placement is taken between third and fourth year or after fourth year.

#### Teaching and Assessment

All courses are supported by web-based material, usually including full course notes. Lectures in the first two years commonly include live computer demonstrations. Assessment is by a mixture of coursework and examination.

Prizes for academic excellence are awarded in each year of study; these are sponsored by O'Reilly, The British Computer Society, LogicaCMG, EDS and Amazon.

#### Your Future

The employment record of our graduates is excellent with the vast majority entering occupations of their choice within three months of graduation. Our graduates have taken up posts in sectors as diverse as banking, pharmaceuticals and computer game development. Recent employers include IBM, Amazon, BP, Conoco, Hewlett Packard, EDS, LogicaCMG, SAIC, Scottish Hydro Electric, Scottish & Newcastle Breweries, British Telecom, QinetiQ and the Health Service.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including a science subject and preferably Computing.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

##### Single Honours Programmes in

Information Systems, Business Information Systems (both also available as MSci with Industrial Placement, see page 175 for information).

##### Related Honours Programmes in

BSc Artificial Intelligence  
BSc Computing and E-Business  
BSc Computing Science  
MA Computing  
MA Information Systems and Management

#### Professional Accreditation

The *British Computer Society (BCS)* recognises our Single Honours degrees in Computing Science for professional membership without additional examinations. We are seeking to extend this recognition to include these new degree programmes.

#### Course Information

[www.abdn.ac.uk/ncs/computing](http://www.abdn.ac.uk/ncs/computing)


#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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#### THE ABERDEEN DIFFERENCE

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**Mathematics** at Aberdeen is highly rated for research in both Pure and Applied areas. The Department is internationally recognised for its research expertise. All staff are active and enthusiastic about their subject and student:staff ratio is low.

#### Why Choose Aberdeen?

- > Students can choose between focusing their attention on **Mathematics** or spreading their interests to combine it with other subjects
- > **Mathematics** is a powerful international language used to describe situations in precise but abstract terms. Our graduates find their skills highly valued by employers both for their rigorous thinking and their versatility
- > We offer a challenging syllabus which emphasises reasoning, discussion and the argumentative side of mathematics. Our ambition is to give you a sound preparation for a career in which mathematics plays a role, whether it be in research or through applications

#### Degree Programme Structure and Content

##### First Year

Students take up to four mathematics courses. Three of these are compulsory: two introductory courses in **Analysis (Calculus I and II)** and a course in **Algebra**. The fourth course is optional and covers a range of mathematical topics.

The Analysis courses begin with fundamental ideas concerning sets, functions and methods of proof. Then they discuss limits, differentiation and integration of functions in one variable. The Algebra course includes such topics as vectors, matrices, complex numbers and methods of counting. The optional course includes topics like symmetry, elementary number theory, functions and relations, elementary probability and elementary astronomy.

##### Second Year

Students take up to five mathematics courses. Four of the courses are compulsory. Of these, two are **Analysis** courses, one is in **Set Theory and Algebraic Structures** and one is in **Linear Algebra**. The optional course is in **Probability Theory**.

The two **Analysis** courses consolidate students' knowledge in differentiation and integration of functions in one variable, and lead on to the differentiation of functions of several variables and to ordinary differential equations. The course on **Set Theory and Algebraic Structures** includes an introduction to elementary set theory and an introduction to the mathematics of symmetry.

The **Linear Algebra** course focuses on systems of linear equations and the associated matrix algebra. The **Probability Theory** course provides an introduction to the mathematical framework needed to handle events involving a certain amount of randomness.

##### Third Year (Junior Honours)

In third and fourth year, Mathematics students take a total of 14 courses (plus 2 courses of enhanced study). In third year, most of these are compulsory and cover topics which are essential for any further study, for example **Complex Analysis**, **Group Theory**, **Ring Theory** and **Topology of Metric Spaces**. There are further courses, some of which are optional, covering a variety of topics from Pure and Applied Mathematics, such as **Mechanics**, **Mathematical Methods of Physics**, **Stochastic Processes** and **Linear Optimisation**.

##### Fourth Year (Senior Honours)

There are now even more options, and they depend to some extent on whether a student wishes to obtain a degree in Mathematics or in Applied Mathematics. The programme includes courses on **Measure Theory**, **Galois Theory**, **Mathematical Modelling** and **Nonlinear Dynamics**, along with a range of optional courses (which may vary from year to year) from Pure and Applied Mathematics, reflecting the research interests in the Department. There is a major project which involves presenting an individual report.

##### Teaching and Assessment

In first year, the mathematics courses have three lectures and one tutorial per week. Tutorials are small group classes in which students discuss problems with staff members. At higher levels, all courses have tutorials and some have regular computer-based practicals. The majority of courses have an element of continuous assessment as well as a final examination.

It is also possible to study Mathematics as an MA degree. See page 106 for more information.

##### Your Future

A degree in Mathematics is the gateway to a wide variety of challenging careers. Employers are keen to recruit mathematicians for their ability to think logically and analyse new developments whether in technology, business or commerce.

#### What You Need

**SQA Highers BBBB\***

**A Levels BBB\***

**IB 30 points, 5 at HL\***

\*SQA Higher or GCE A Level or equivalent qualification in Mathematics is required and one other Mathematics/Science subject. See table on page 154 for more information.

**UCAS Code see page 198**

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including A in Mathematics.

#### Can We Help?

**Email us: sras@abdn.ac.uk**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

**Single Honours Programmes** in Mathematics, Applied Mathematics, Mathematics and Engineering Mathematics

**Joint Honours Programmes** with Computing, Physics\*

\*Joint Honours Mathematics and Physics - SQA Higher or GCE A Level or equivalent qualification in Mathematics and Physics are required.

#### Major-Minor Programmes with

French, Gaelic Studies, German, Hispanic Studies

#### Course Information


[www.abdn.ac.uk/ncs/mathematics](http://www.abdn.ac.uk/ncs/mathematics)

**General Information**

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#### THE ABERDEEN DIFFERENCE

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**Psychology** is the study of mental life and behaviour, and covers a wide range of activities including memory, mental illness, psychological development, the effects of brain damage, the dynamics of social groups and the measurement of personality and abilities.

### Why Choose Aberdeen?

- › Internationally recognised researchers in social cognition, neuroscience, lifespan development, perception, language and cognition and occupational/industrial psychology
- › There are a range of specialised laboratories including those for brain imaging analysis, eye movement recording, movement analysis, visual neuroscience and face recognition
- › The School is the oldest in the UK, being founded over 100 years ago, and maintains a strong commitment to providing a supportive and stimulating environment for undergraduate studies

### Degree Programme Structure and Content

Courses are available from first to fourth year. There is a *British Psychological Society (BPS)* accredited Honours degree and a Designated degree in Psychology. Application for entry to Honours occurs at the end of second year, and is based on academic performance achieved during second year. Students not continuing to Honours Psychology may complete the Designated degree or the Behavioural Studies Honours degree.

#### First Year

The **Concepts and Theory** course includes lectures and workshops on: **Biological Psychology; Lifespan Development; Animal Learning and Behaviour; Cognitive Psychology; Perceptual Psychology; Social Psychology.** The **Methods and Applications** course includes lectures and practical classes on all aspects of research methodology and descriptive data analysis in psychological research.

#### Second Year

There are lectures on: **Developmental Psychology; Behavioural Neuroscience; Language and Cognition; Organisational Psychology; Perception; Social Psychology; Clinical Psychology.** The **Methods and Applications** course build on the research methodology gained in first year to examine more complex experimental designs and statistical methods.

#### Third and Fourth Year (Honours)

At level 3, there are lectures, tutorials and practicals on: **Biological Psychology; Developmental Psychology; Human Memory and Language; Research Methodology; Perception; Psychological Assessment and Social Psychology.**

At level 4, students carry out and report an empirical investigation. They also select six options, currently from the following list: **Evolutionary Psychology; Human Neuropsychology; Applications of Cognitive Neuroscience; Abnormal Psychology; The Cognitive Neuroscience of Person Perception; Cognition and Learning; Neuropsychology of Visual Awareness; Perspectives on Social Attribution; Brain and Body; and Human Factors.**

#### Variations

Students doing the Joint Honours programmes (all Psychology programmes are BPS accredited) take a full prescribed curriculum of level 3 Psychology courses split across third and fourth year, and complete a smaller empirical project in their final year. The Major-Minor degrees include language courses at levels 1, 2 and 4. At level 4, students select four of the Psychology options instead of six.

It is also possible to study Psychology as an MA degree. See page 111 for information.

#### Teaching and Assessment

Teaching is by means of lectures, laboratory practicals, workshops and tutorials, with more extensive experimental projects at levels 3 and 4. Assessment is by means of examination and continuous assessment.

#### Your Future

Psychology graduates have many employment opportunities (usually after further postgraduate training), including clinical psychology, counselling, educational psychology, ergonomics, forensic psychology, health psychology and occupational psychology. Additional areas benefiting from an understanding of the human mind and behaviour include careers in teaching, business, marketing and advertising. Further details of opportunities for graduates can be obtained from the BPS website: [www.bps.org.uk/careers](http://www.bps.org.uk/careers)

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Psychology at A.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in Psychology

Joint Honours Programme with Computing Science

Major-Minor Programmes with French, Gaelic, German

Related Honours Programme in Behavioural Studies

#### Professional Accreditation

*British Psychological Society*



Course Information

[www.abdn.ac.uk/psychology](http://www.abdn.ac.uk/psychology)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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Students intending to do an Honours degree in Psychology can study abroad in second year of their undergraduate degree, subject to approval of the overseas curriculum by the Head of School.



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#### THE ABERDEEN DIFFERENCE

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# Degrees in **Life Sciences**

Animal Ecology (see Zoology)

Biology

Conservation Biology

Ecology

Environmental Science

Forestry

Forest Sciences

Marine Biology

Plant & Soil Science

Wildlife Management

Zoology

**The University has one of the largest groupings of biological and environmental scientists in Europe. Strong industrial links and first-class teaching provide students with training that matches the needs of industry.**

**Biological Sciences (MSci)** is open to students wishing to study any of the degree programmes within the School of Biological Sciences.

#### Why Choose Aberdeen?

- > **Great strength in biological sciences represented by over 120 academic staff in many disciplines, based in two Schools within a single College**
- > **Considerable flexibility of course choice - a personalised designer degree programme**
- > **Government bioscience research institutes located in Aberdeen with senior student access**
- > **Career preparation given high priority**
- > **A recent internal teaching review panel commended the School of Biological Sciences for its committed, professional and enthusiastic teaching across a wide range of degree programmes. The panel was also impressed with the course choice within degrees and by the emphasis on field courses and field-based teaching, including opportunities and support for expeditions, which were clearly valued by students**

#### Degree Programme Structure and Content

Students will graduate with an MSci (an undergraduate Masters degree) instead of a BSc. The MSci is aimed at applicants who wish to graduate with a qualification that goes beyond the traditional Honours degree. The first three years (levels 1, 2 and 3) are the same as the traditional Honours degree; but during level 4 (Honours year) additional skills courses are offered to enhance the scientific expertise of the students. This enables them to fulfil the requirement for the advanced courses and project during the level 5 year.

#### Level 5 (MSci year)

Level 5 is the unique year in this programme, during which students will develop as independent researchers, with enhanced practical and scientific writing skills. The year is split between project, tutorials and workshop-based teaching with an emphasis on the latest developments in biological sciences. Progress will be gauged on the basis of genuine critical analysis of literature and concepts. Generic teaching includes: scientific writing of research articles, presenting scientific information, preparation of grant applications, data analysis, bioinformatics, applied statistics and intellectual property concepts.

The teaching will be based on a modular system addressing up-to-the-minute

developments and current thinking in biology, from exploring the genome to the ethics of modern biology. The extended research project will be linked to an employer and based either within the University or at an outside agency.

#### Teaching and Assessment

Courses use a wide variety of teaching methods including lectures, peer discussion, laboratory practicals, fieldwork, seminars and tutorials. Most courses are assessed by both continuous assessment and a written examination. Continuous assessment takes many forms including essays, practical reports or group projects.

Several biological science departments offer residential field courses which all biology students are encouraged to attend, usually in their first and second years.

#### Your Future

Many career possibilities are open to graduate biologists. MSci graduates would be well prepared for PhD degrees or employment in many areas of biological sciences. Biologists find employment in ecology, environmental impact, healthcare, molecular biology, climate change, biological modelling, scientific publishing, TV, support to government, teaching in colleges, universities and schools, public education (zoos, museums, nature reserves, scientific societies etc) and biomedical sciences.

Employers now expect an impressive list of skills, knowledge and experience in their graduate recruits. They welcome transferable skills acquired during a work placement such as communication, numeracy, use of IT, group work and time management. In addition to allowing you to develop a link with a potential employer, the extended project makes you a more effective employee following graduation.

#### What You Need

SOA Advanced Highers AAB\*

A Levels AAB\*

IB 36 points, 6 at HL\*

\*Including Biology and Chemistry, one of which must be at A-grade.

See table on page 155 for more information.

UCAS Code see page 198

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in

Biological Sciences (MSci)



#### Course Information

[www.abdn.ac.uk/biologicalsci](http://www.abdn.ac.uk/biologicalsci)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



[facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)



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There will be opportunities for expeditions, voluntary work overseas and 'year-out' placements. International exchanges may also be possible. Similarly, it may be possible to study for part of the degree in another European university under the ERASMUS programme. See page 25 for information.



See page 26 for information

#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



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**Biology** is a natural science concerned with all lifeforms, from the cell, to plants, animal and man. Biology at Aberdeen benefits from an emphasis on field-based teaching.

#### Why Choose Aberdeen?

- **Great strength in biology represented by over 120 academic staff in many disciplines, based in two Schools within a single College**
- **Considerable flexibility of course choice - a personalised designer degree programme**
- **Government bioscience research institutes located in Aberdeen with senior student access**
- **Career preparation given high priority**
- **A recent internal teaching review panel commended the School of Biological Sciences for its committed, professional and enthusiastic teaching across a wide range of degree programmes. The panel was also impressed with the course choice within degrees and by the emphasis on field courses and field-based teaching, including opportunities and support for expeditions, which were clearly valued by students**

#### Degree Programme Structure and Content

In accordance with degree requirements, four courses at levels 1 and 2 combined and two courses at levels 3 and 4 combined must meet the requirements of enhanced study. These courses provide an opportunity for sustained study in other disciplines, disciplinary breadth and cross-discipline study (Sixth Century Courses).

#### First Year

All biologists take eight courses, including four foundation biology courses (**Organismal Biology, The Cell, Ecology & Environmental Science** and a tutorial course in **Biological Sciences**). In addition, a course in **Chemistry** is also studied. This leaves a choice of three further courses which would normally contribute towards enhanced study.

#### Second Year

All students take eight courses including a skills course in **Life Sciences**. Options are selected from a wide range of courses from within at least three of the disciplines of **Biology, Biomedical Sciences, Molecular & Cell Biology, Plant & Soil Science** and **Zoology**.

#### Third Year (Junior Honours)

At level 3, students have the opportunity of following a more focused curriculum or maintaining breadth in their programme.

All students normally take eight courses, including a further skills course in **Life Sciences**. Other courses are selected to include at least two of the following disciplines: **Biology, Biomedical Sciences, Molecular & Cell Biology, Plant & Soil Science** and **Zoology**.

#### Fourth Year (Senior Honours)

All students carry out a research project or library dissertation as well as writing an extended essay. The research project can be undertaken in any of the biological disciplines. Projects can be carried out using facilities within the School of Biological Sciences, at local research institutes or elsewhere. A further four courses are normally chosen to include at least two of the following disciplines: **Biology, Biomedical Sciences, Molecular & Cell Biology, Plant & Soil Science** and **Zoology**. A residential team-building course and careers sessions are included in the programme.

#### Teaching and Assessment

Courses use a wide variety of teaching methods including lectures, laboratory practicals, fieldwork, seminars and tutorials. Most courses are assessed by both continuous assessment and a written examination. Continuous assessment takes many forms including essays, practical reports, or group projects. Final year students also attend a residential team-building course.

The School of Biological Sciences offers residential field courses which biology students may wish to attend, usually in their first and second years.

#### Your Future

Many career possibilities are open to graduate biologists. Each year several graduates continue to develop their expertise in specialist topics through MSc taught courses or postgraduate research leading to MSc, MPhil or PhD degrees. Biologists find employment in ecology, healthcare, molecular biology, climate change, biological modelling, scientific publishing, TV, support to government, teaching in colleges, universities and schools, public education (zoos, museums, nature reserves, scientific societies etc), environmental management and biomedical sciences.

#### What You Need

**SOA Highers BBBB\***

**A Levels BBB\***

**IB 30 points, 5 at HL\***

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information. **UCAS Code see page 198**

#### Advanced Entry

Advanced Highers ABB or A Levels ABB, IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

**Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

**Single Honours Programme in Biology**



#### Course Information

[www.abdn.ac.uk/biologicsci](http://www.abdn.ac.uk/biologicsci)

**General Information**

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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There will be opportunities for expeditions, voluntary work overseas and 'year-out' placements. International exchanges are also possible, normally in the second year of a four year programme. Similarly, it is possible to study for part of the degree in another European university under the ERASMUS programme. See page 25 for information.



See page 26 for information

#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



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**Conservation Biology** encompasses the disciplines of Zoology and Plant and Soil Science, as well as Agriculture, Forestry, Geography and Land Economy.

#### Why Choose Aberdeen?

- › The University of Aberdeen is uniquely placed to teach conservation biology and is closely linked to local government institutes concerned with biological and environmental conservation
- › In the School of Biological Sciences the strong disciplines of Zoology and Plant & Soil Science teach Ecology, which forms the basis of the course. Additionally, Agriculture, Forestry, Geography and Land Economy contribute with information on environmental usage
- › Staff in these disciplines are active in conservation research
- › Many staff actively contribute to the development of national and international policies on practical conservation work

#### Degree Programme Structure and Content

##### First Year

All Conservation Biology students take eight courses normally including **Ecology and Environmental Science**, **Organismal Biology**, **Sustainable Land Management**, and a tutorial course in **Biological Sciences**. This leaves a choice of four further courses which contribute to enhanced study; options include subjects such as **Global Worlds**, **Global Challenges**, **The Natural Environment Through Geological Time** and new interdisciplinary courses. Students take a one-week field course on **Plant Ecology** at Bettyhill, Sutherland.

##### Second Year

All students study **Skills for Life Sciences**. There is a dedicated **Conservation Biology** course in second year, as well as compulsory courses on **Community Ecology** and **Plant Diversity** and a field course run by the Zoology Department. Options include courses in **Plant Science**, **Soil Science**, **Zoology**, **Ocean Biology** and **Geography**.

##### Third Year (Junior Honours)

All students take a course in **Experimental Design and Analysis**. Other core elements of the third year include **Population Ecology**, **Plant Biogeography** and **Ecosystem Processes**. These are followed by a wide choice of courses in **Tropical Ecology and Conservation**, **Marine and Aquatic Ecology** and other more applied subjects.

##### Fourth Year (Senior Honours)

A semi-independent project takes up a substantial part of the Honours year. This is often carried out in conjunction with a conservation agency. Students also attend courses on **Nature Conservation in Britain** and on **Environmental Pollution**, prepare an extended essay and contribute to a discussion programme on **Topics in Nature Conservation**. One further course is chosen from a list of options. A residential team-building course and a careers programme form part of a graduate skills module.

##### Teaching and Assessment

Assessment is typically a mixture of continuous assessment and formal exams. The continuous assessment includes formal practical reports, brief essays, worksheets and posters, seminar presentations and group projects.

Field courses in **Plant Ecology and Taxonomy** and in **Zoology** are compulsory for Conservation Biologists.

##### Your Future

There are career opportunities in Britain and all over the world for Conservation Biologists. Conservation work has expanded greatly in recent years and many of our graduates are already placed as conservation and education staff in wildlife trusts and zoos, pollution control officers, countryside rangers, government conservation officials, land managers and a host of related jobs. As a conservation biologist you will be in increasing demand in similar posts with an edge over more traditionally qualified graduates. With your scientific training you will also be in demand for jobs requiring general graduate abilities.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information. UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in Conservation Biology**



#### Course Information

[www.abdn.ac.uk/biologicalsci](http://www.abdn.ac.uk/biologicalsci)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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#### THE ABERDEEN DIFFERENCE

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**Ecology** teaching is underpinned by our research in both theoretical and applied ecology in many different environments, natural and managed, from the Tropics to the Arctic, and from estuaries to mountain tops.

#### Why Choose Aberdeen?

- › A recent internal teaching review panel commended the School of Biological Sciences for its committed, professional and enthusiastic teaching. The panel was also impressed with the course choice within degrees and by the emphasis on field courses and field-based teaching, including opportunities and support for expeditions
- › Students benefit from participating in field work in many diverse environments, and particularly in the vicinities of our field stations, on the Ythan Estuary, on the Black Isle, and at Bettyhill, on the North coast of Sutherland
- › Students also benefit from contact with practising ecologists from a number of ecological and conservation organisations based in and around Aberdeen

#### Degree Programme Structure and Content

The Ecology degree combines a broad based training in Biology in first year, progressing to an increasingly specialised training in Ecology in the following years, with options to take enhanced study courses which provide the opportunity to study other disciplines and to take interdisciplinary courses.

#### First Year

All Ecologists take eight courses normally including **Ecology and Environmental Science, Organismal Biology, Cell and Molecular Biology**, and a tutorial course in **Biological Sciences**. This leaves a choice of four further courses which contribute to enhanced study; options include subjects such as **Chemistry, Land Management, Geography** and new interdisciplinary courses. Students take a one-week field course on Plant Ecology at Bettyhill, Sutherland.

#### Second Year

Core courses in second year cover **Community Ecology, Animal and Plant Diversity and Function**, and **Scientific Skills** for biologists. Additional optional courses include **Conservation Biology, Ocean Biology, Genes and Evolution, Microbiology** and a wide range of interdisciplinary courses. Students take an **Animal Ecology** field trip in Yorkshire or on the North-east Scottish coast.

#### Third Year (Junior Honours)

Third year courses are in **Animal Population Ecology; Plant Ecology; Ecosystem Processes** and in **Core Skills for Biologists**.

Students can also choose from **Plant Biogeography and Conservation; Animal Evolution and Biodiversity; Animal Behaviour; Plant/Animal Interactions; Plant/Environment Interactions; Aquatic Biology and Conservation; Tropical Ecology; Tropical Conservation; Marine Ecology and Ecosystems and Environmental Analysis**. Students have the opportunity to go on an overseas ecology field trip during the summer before or after their third year.

#### Fourth Year (Senior Honours)

Students carry out an independent research project in Ecology, often in collaboration with an external organisation or as part of an overseas expedition and undertake an extended essay on a subject of their choice. Alongside these we provide core scientific skills training including a team building course and careers workshops. There is then a choice of advanced courses in **Behavioural Ecology; Wildlife Management; Nature Conservation; Conservation and Global Change; Ecological & Environmental Modelling; Marine Ecology; Tropical Forest Management; Molecular Ecology** and **Bioethics**.

#### Teaching and Assessment

Teaching includes lectures, laboratory practicals, fieldwork, seminars and tutorials. Most courses are assessed by both continuous assessment and a written examination. Continuous assessment takes many forms including essays, practical reports and group projects. Throughout all years students improve their transferable skills, for example through presentations and group activities.

#### Your Future

Ecologists are employed in a wide range of interesting jobs by government and non-government nature conservation organisations, local government, environmental protection agencies, environmental consultancies and research agencies. There are also opportunities in environmental education in field centres and schools, and in the communications sector.

Information about a range of exciting ecological careers can be found in the booklet 'Rooting for a Career in Ecology and Environmental Management?' published by the British Ecological Society and Institute of Ecology and Environmental Management, available from careers centres and as a PDF file from the website:

[www.britishecologicalsociety.org/career\\_paths](http://www.britishecologicalsociety.org/career_paths)

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in Ecology



#### Course Information

[www.abdn.ac.uk/biologicalsci](http://www.abdn.ac.uk/biologicalsci)

#### General Information

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#### THE ABERDEEN DIFFERENCE

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Need more Info?

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**Environmental Science** at Aberdeen benefits from interdisciplinary courses including environmental biology, chemistry and soils, representing the wide range of staff expertise.

#### Why Choose Aberdeen?

- > A recent internal teaching review panel commended the School of Biological Sciences for its committed, professional and enthusiastic teaching across a wide range of degree programmes. The panel was also impressed with the course choice within degrees and by the emphasis on field courses and field-based teaching, including opportunities and support for expeditions, which were clearly valued by students
- > Active local research environment includes the Macaulay Institute (one of the UK's top environmental research institutes) and the new NERC Aberdeen Centre for Environmental Sustainability
- > Taught in top rated (5) research department
- > Students benefit from field course teaching throughout the programme

#### Degree Programme Structure and Content

##### First Year

First year students take core courses in **Organismal Biology, Ecology and Environmental Science** and **Fundamentals and Applications of Chemistry**.

##### Second Year

There are core courses in **Community Ecology** and **Chemistry**. Further courses can be chosen from a wide range of subjects including **Chemistry, Geology, Biology** and **Geography**.

##### Third Year (Junior Honours)

Courses are allocated to subject groups representing **Physiochemical, Biological/ Ecological, and Land-use and Related Subjects**. Depending on which degree option students take, courses are selected from these subject groups to reflect the emphasis of the degree.

#### Fourth Year (Senior Honours)

Honours students undertake a supervised research project and a range of intensive courses relevant to their specialisation. Thus, students doing the Physical Sciences option will have a stronger emphasis on Chemistry than those studying the main Environmental Science programme.

#### Teaching and Assessment

Teaching methods include lectures, laboratory practicals, fieldwork, seminars and tutorials. Most courses are assessed by both continuous assessment and a written examination.

#### Your Future

Both of the Environmental Science options are well-suited to employment in nature conservation, in government or non-government conservation organisations and also in countryside departments of local government. Those who have taken the Physical Sciences option will have the training required to carry out analysis for certain types of pollutant monitoring and control. Generally opportunities are available within environmental organisations such as the environmental protection agencies, or within industries such as water companies or waste management.

Environmental legislation and regulations increasingly require more rigorous environmental audit and monitoring. Such changes continue to provide further opportunities for environmental scientists in environmental consultancies, local authorities and environmental protection agencies. There are also many opportunities in environmental education and in the communications sector.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

##### Single Honours Programmes in

Environmental Science,  
Environmental Science (Physical Sciences)



#### Course Information

[www.abdn.ac.uk/biologicalsci](http://www.abdn.ac.uk/biologicalsci)

#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



Need more Info?  
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**Forestry** has been taught at Aberdeen since 1907, and brings together the disciplines of Forestry, Ecology, Zoology, and Plant Science. The Department has an excellent reputation both nationally and internationally.

#### Why Choose Aberdeen?

Forests are one of the most important terrestrial ecosystems on earth covering about one quarter of the land surface. Forests are diverse in nature ranging from conifer-dominated cool temperate forests to tropical rain forests where the greatest species richness on earth can be found. Forests are vital to the future of our planet.

- › Easy access to large areas of forest, including remnants of the internationally important native Caledonian pine forest, enhances the learning environment
- › Forest visits form an important part of the degree programme, including a trip to the Black Forest in Germany
- › The students' Forestry Society was founded in 1919 and is one of the oldest student societies in the University. It runs a wide range of social events. These include activities during Freshers' Week, raising money for charity, arranging recreational pursuits and social evenings culminating in the Forestry Society Annual Dinner
- › Career prospects are extremely good with opportunities in forest management and research both at home and overseas

#### Degree Programme Structure and Content

In accordance with degree requirements, four courses at levels 1 and 2 combined and two courses at levels 3 and 4 combined must meet the requirements of enhanced study. These courses provide an opportunity for sustained study in other disciplines, disciplinary breadth and cross-discipline study (Sixth Century Courses).

#### First Year

Students take eight courses that may include **Biology** and **Chemistry**, and foundation courses including **Plant Ecology and Taxonomy**, **Geology**, and **Sustainable Land Management**. This leaves a choice of three further courses which would normally contribute towards enhanced study. There are two field courses on **Plant Ecology** and the **Forest Environment**. Some choice of courses is available at first year depending on entrance qualifications.

#### Second Year

Courses provide an essential grounding in many fundamental concepts of forestry. Subjects include **Soil Science**, **Ecology**, **Plant Physiology and Diversity**, **Research Skills** and a field course on **Forest Ecology and Management**.

#### Third Year

Third year courses cover many of the subjects central to forestry. These include **Silviculture: Applied Forest Ecology**, **Forest Measurement**, **Forest Resource Management**, **Wood: Properties to Products**, **Experimental Design**, **Analysis & Presentation**. Other choices include **Plant/Environment Interactions** and **Plant Ecology**. These courses are supported by site visits to study forest ecology, dendrology, silviculture, and timber processing.

#### Fourth Year

The final year involves the preparation of a forest management plan and an individual research project. Students choose three specialist subjects, and a trip to the forests of southern Germany completes the programme. Three specific courses are chosen from **Biology & Ecology of Forest Health**, **Tropical Forest Ecology & Management**, **Trees in the Urban Environment**, **Special Topics in Forest Science**, **Plant Biogeography & Conservation**, **Plant/Animal Interactions**, **Nature Conservation in Britain**, and **Wildlife Conservation & Management**.

#### Variations

Students have an opportunity to take a gap year within the forestry industry, forestry organisation or research institution between third and fourth year. There is also the possibility of spending a year on an overseas aid project.

#### Teaching and Assessment

Teaching is by a combination of lectures, laboratory practicals, tutorials and field visits. Opportunities are provided for verbal and written presentations and reports, which are related to topics covered. Assessment is by examinations and continuous assessment. Forestry students are required to attend field courses, which are also assessed.

#### Your Future

The importance of forests to the global environment and economy has been increasingly highlighted at international environment conferences, maintaining a strong demand for well-motivated and educated individuals in all aspects of forestry. BSc Forestry is a requirement to becoming a professional forester. Presently, about half of our graduates become foresters within the state and private sectors in Britain. The remainder have gone to urban, environmental or social forestry, timber processing, forest management overseas and research.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

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Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in Forestry

Related Honours Programme in Forest Sciences

#### Professional Accreditation

The degree programme is accredited by the *Institute of Chartered Foresters* and gives full exemption from the Part I examinations.



Course Information

[www.abdn.ac.uk/biologicalsci](http://www.abdn.ac.uk/biologicalsci)

General Information

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**Forest Sciences** has been taught at Aberdeen since 1907, and brings together the disciplines of Forestry, Ecology, Zoology, and Plant Science. The Department has an excellent reputation both nationally and internationally.

### Why Choose Aberdeen?

Forest Sciences is about the application of ideas and scientific skills to the understanding of this diverse natural resource for a wide range of purposes including: the sustainable production of timber and other products; environmental protection; the maintenance and enhancement of animal and plant habitats and in mitigating the effects of global warming.

- › There is easy access to large areas of forest, including remnants of the once extensive native Caledonian pine forest
- › Field visits form an important part of the degree programme, including a trip to the Black Forest in Germany
- › The Department has close links with local and national research institutes
- › The students' Forestry Society was founded in 1919 and is one of the oldest student societies in the University. It runs a wide range of social events. These include activities during Freshers' Week, raising money for charity, arranging recreational pursuits and social evenings culminating in the Forestry Society Annual Dinner.

### Degree Programme Structure and Content

In accordance with degree requirements, four courses at levels 1 and 2 combined and two courses at levels 3 and 4 combined must meet the requirements of enhanced study. These courses provide an opportunity for sustained study in other disciplines, disciplinary breadth and cross-discipline study (Sixth Century Courses).

#### First Year

Students cover the basic sciences in **Biology** and **Chemistry**, and foundation courses including **Ecology and Environmental Science**, **Geology**, **Plant Ecology and Taxonomy** and **Sustainable Land Management** and two field courses on **Plant Ecology** and the **Forest Environment**.

Some choice of courses is available in first year depending on entrance qualifications. This leaves a choice of three further courses which would normally contribute towards enhanced study.

#### Second Year

These courses provide an essential grounding in many fundamental concepts of Forest Science. Subjects include **Soil Science**, **Ecology**, **Plant Physiology and Diversity**, and **Research Skills**. A field course on **Forest Ecology and Management** supports what is learned in the classroom. Other course choices are available depending on the particular interests of the students.

#### Third Year

Third year is a combination of pure and applied sciences where the subjects of forest ecology and stand dynamics are developed. These include **Silviculture**, **Applied Forest Ecology**, **Forest Measurement**, **Plant Biogeography and Conservation**, **Behavioural Ecology**, and **Experimental Design, Analysis and Skills**. Other choices are available depending on the particular interests of the students.

#### Fourth Year

The final year involves the preparation of an individual research project. Students also have the option of preparing a forest management plan; with three weeks spent studying a 500 hectare forest where the soils, vegetation and the forest stands are studied. Observations and measurements made are used to prepare a five-year plan that ensures the sustainable management of the forest. Students have to choose four specialist subjects from a wide range of available options that include **Biology & Ecology of Forest Health**, **Tropical Forest Ecology & Management**, **Trees in the Urban Environment**, **Special Topics in Forestry**, **Plant Biogeography & Conservation**, **Plant/Animal Interactions**, **Nature Conservation in Britain**, and **Wildlife Conservation & Management**. A trip to study forestry in southern Germany completes the programme.

#### Teaching and Assessment

Teaching is by a combination of lectures, laboratory practicals, tutorials and field visits. Opportunities are provided for verbal and written presentations and reports, which are related to topics covered. Assessment is by an appropriate balance of examinations and continuous assessment for each course. Students are required to attend field courses, which are assessed as part of the degree.

#### Your Future

There is a demand for well-motivated and educated individuals to improve the level of knowledge and understanding of forest ecosystems. This knowledge becomes the basis of sustainable forest management. This degree will give you an opportunity to develop a career in forest conservation, environmental management and research. As a Forest Scientist with a knowledge of forest management you will be in increasing demand, but with an advantage over other graduates, in the wider environmental sciences, due to the range of subjects and skills acquired.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL

\*Including good performance in at least two Mathematics/Science subjects.

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UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

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#### Your Study Options

Single Honours Programme in Forest Sciences

Related Honours Programme in Forestry



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Need more Info?  
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**Marine Biology** at Aberdeen is a major international research strength. Students benefit from contact with practising marine biologists and field work opportunities.

#### Why Choose Aberdeen?

- A recent internal teaching review panel commended the School of Biological Sciences for its committed, professional and enthusiastic teaching. The panel was also impressed with the course choice within degrees and by the emphasis on field courses and field-based teaching, including opportunities and support for expeditions
- Marine Biology is an internationally recognised research strength with staff research expertise ranging from the deep sea to the inter-tidal zones, including work on fish & fisheries, dolphins, whales, seals, seabirds, octopus and sharks
- Marine Biology staff undertake applied research on issues related to fisheries management, marine spatial planning and impacts of marine renewables
- Students benefit from participating in field work in the vicinities of our Ocean Laboratory on the Ythan Estuary, Lighthouse Field station on the Black Isle near Inverness, and around Shetland.
- Students benefit from contact with practising marine biologists from Marine Scotland - Science in Aberdeen, The Scottish Association for Marine Science in Oban and The North Atlantic Fisheries College Marine Centre in Shetland

#### Degree Programme Structure and Content

##### First Year

Marine Biology is represented in the first year by a tutorial course which focuses on topics in **Marine Biology** and substantial marine content in **Organismal Biology**. There is also an optional interdisciplinary course titled **Oceans and Society**. First year normally includes foundation **Biology** and **Chemistry** courses with optional courses covering a wide range of complementary subjects, including **Tools for Science, Land Management, Environmental Science, and Computing Science**.

##### Second Year

Second year courses progress studies in **Ocean Biology, Vertebrate Zoology, Invertebrate Life** and a **Marine Field Course**. Courses in **Genes and Evolution, Community Ecology** and **Microbiology** are recommended, but alternative courses can be selected from a wide range of subjects.

##### Third Year (Junior Honours)

Third year courses are in **Marine Ecology and Ecosystems, Aquatic Biology, Conservation and Exploitation, Environmental Physiology, Animal Population Ecology, Animal Evolution and Biodiversity** and **Experimental Design, Analysis and Presentation**.

Students also choose from a range of courses covering **Animal Behaviour, Plant/Animal Interactions, Biology and Control of Infectious Diseases** and many other specialist topics.

##### Fourth Year (Senior Honours)

Students carry out an independent research project in Marine Biology, often in collaboration with an external organisation or occasionally as part of a deep sea research cruise. Students also undertake an extended essay. There is a choice of advanced courses in **Sustainable Marine Resource Management, Abyssal and Hadal Environments, Marine Benthic Ecology and Sustainable Aquaculture**. The breadth of options is extended by courses in **Biological Timing, Bioethics, Wildlife Conservation and Management, Community Ecology, Advanced Immunology** and **Advances in Vector Biology**. Students improve their transferable skills through presentations, groupwork, problem-based learning exercises and team building activities.

##### Teaching and Assessment

Teaching methods include lectures, laboratory practicals, fieldwork, field courses, seminars, and tutorials. Most courses are marked by continuous assessment and a written examination.

##### Your Future

The Marine Biology course is designed to provide a broad based set of generic and specialist skills for future employment. Marine Biology graduates find full-time employment in a wide range of exciting careers. Employers include fisheries laboratories, government and non-government conservation organisations, local government, environmental protection agencies and research bodies. There is a growing demand for marine specialists and a variety of companies have arisen as marine legislation and regulations increasingly require rigorous environmental audit and monitoring. There are also opportunities in environmental education. A considerable number of graduates continue their education by undertaking higher degrees (e.g. MSc or PhD) or by taking a postgraduate Diploma to enter biology or general science teaching. Recent graduates have also been taken on as interns with non-governmental organisations.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information.

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Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL) including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

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#### Your Study Options

Single Honours Programmes in Marine Biology, Zoology



#### Course Information

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An optional week-long field course has been introduced for third year students titled Sub-tropical Marine & Freshwater Habitats. The course is conducted during the Easter vacation at the Florida State University Coastal and Marine Laboratory. There will be additional opportunities for expeditions, voluntary work overseas and 'year-out' placements. International exchanges are also possible, normally in the second year of a four year programme. Similarly, it is possible to study for part of the degree in another European university under the ERASMUS programme. See page 25 for information.



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Need more Info?

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**Plant & Soil Science** at Aberdeen is the only Plant & Soil Science degree in the UK. The interaction between plants and soils is the basis for sustainability in all natural and managed terrestrial ecosystems.

#### Why Choose Aberdeen?

- A recent internal teaching review panel commended the School of Biological Sciences for its committed, professional and enthusiastic teaching across a wide range of degree programmes. The panel was also impressed with the course choice within degrees and by the emphasis on field courses and field-based teaching, including opportunities and support for expeditions
- Plenty of opportunities for field courses and expeditions
- Opportunities to interact with end-users, such as Scottish Natural Heritage or bioremediation companies
- Close integration with the Macaulay Institute, one of the UK's foremost environmental research centres

#### Degree Programme Structure and Content

In accordance with degree requirements, four courses at levels 1 and 2 combined and two courses at levels 3 and 4 combined must meet the requirements of enhanced study. These courses provide an opportunity for sustained study in other disciplines, disciplinary breadth and cross-discipline study (Sixth Century Courses).

#### First Year

All students of Plant and Soil Science take eight courses, including four foundation biology courses (**Organismal Biology, The Cell, Ecology and Environmental Science** and a tutorial course in **Biological Sciences**). In addition, a course in **Chemistry** is also studied. This leaves a choice of three further courses which would normally contribute towards enhanced study. In addition to the eight courses, students will attend a summer field trip to Bettyhill in the north of Scotland.

#### Second Year

All students take eight courses including a skills course in **Life Sciences**. Other courses normally include **Community Ecology, Plant Diversity, Introduction to Soils and Plants, Man and the Environment**. In addition to the eight courses, students will attend a summer field trip to France (alternatively taken in third year).

#### Third Year (Junior Honours)

Students study eight courses, including a further skills course in **Life Sciences**. Other recommended courses are taken from **Plant Ecology, Plant Biogeography and Conservation, Plant-Environment**

**Interactions, Global Soil Geography, Ecosystem Processes, Environmental Analysis, Conservation and Global Change, Biology and Ecology of Plant Disease and Tropical Forest and Savannah Ecology.**

There is a strong element of practical laboratory training and fieldwork, plus visits to research institutes, conservation and environmental protection agencies and commercial companies.

#### Fourth Year (Senior Honours)

An independent research project is an important part of the final year. Students join established research groups or follow their own approved interests in the field or laboratory. Many use data collected on expeditions undertaken between levels 3 and 4; others work in the laboratories of local institutes. Other discipline courses are chosen from **Environmental Pollution, Nature Conservation in Britain, Current Issues in Biological and Environmental Sciences, Plant-Animal Interactions, Tropical Forest and Ecology Management and Ecological and Environmental Modelling.**

As students progress with their studies they will spend an increasing amount of time in the Cruickshank Building. This is situated in an 11 acre Botanic Garden containing over 2,500 different plant species or cultivars. There are extensive greenhouses and controlled environment facilities for growing plants and an important international herbarium. Staff at Cruickshank have strong links with the British Society for Soil Science, British Ecological Society and the nearby Macaulay Institute.

#### Teaching and Assessment

Teaching methods include lectures, laboratory practicals, fieldwork, seminars and tutorials. Courses are assessed by both continuous assessment and a written examination.

#### Your Future

Our graduates have a good record of employment in environmental protection agencies or in the private sector in environmental consultancy, bioremediation or biotechnology companies. There are also opportunities in environmental education and communications. Many work for overseas development agencies drawing on the tropical experience in their degree. A high proportion go on to a higher degree and then into posts in the agricultural, horticultural and food industries, research institutes, universities or nature conservation bodies.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL.\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information. UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programme in Plant & Soil Science**

**Related Honours Programme in Plant Biology**



#### Course Information

[www.abdn.ac.uk/biologicalsci](http://www.abdn.ac.uk/biologicalsci)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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There will be opportunities for expeditions, voluntary work overseas and 'year-out' placements. International exchanges are also possible, normally in the second year of a four year programme. Similarly, it is possible to study for part of the degree in another European university under the ERASMUS programme. See page 25 for information.

#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



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**Wildlife Management** provides students with the necessary education, training and experience to fulfil the role of professional wildlife manager.

#### Why Choose Aberdeen?

- › The University has strong research programmes contributing to the study and management of wildlife all over the world
- › Projects have helped conserve turtles in the Mediterranean, dolphins in the Moray Firth, and wild dogs in South Africa
- › In Scotland, work has assessed the costs and benefits of managing red deer, wild geese and re-introducing the wolf and beaver

#### Degree Programme Structure and Content

In accordance with degree requirements, four courses at levels 1 and 2 combined and two courses at levels 3 and 4 combined must meet the requirements of enhanced study. These courses provide an opportunity for sustained study in other disciplines, disciplinary breadth and cross-discipline study (Sixth Century Courses).

#### First Year

All Wildlife Management Students take eight courses, including three foundation biology courses (**Organismal Biology, Ecology & Environmental Science** and a tutorial course in **Biological Sciences**), **Sustainable Land Management**, a **Global Challenges** course from Geography and a **Management** course. This leaves a choice of two further courses which would normally contribute towards enhanced study.

#### Second Year

All students take eight courses including three **Biology** courses (**Skills for Life Sciences, Community Ecology** and **Conservation Biology**), and from **Geography, Environment and Society**. Four options are selected from a wide range of courses from within and out with the School of Biological Sciences.

#### Third Year (Junior Honours)

All students normally take eight courses, including a further skills course in **Life Sciences**. Other core elements of the third year include **Population Ecology, Plant/Animal Interactions, Biology and Control of Infectious Diseases, Animal Behaviour**, a special topic essay and work experience.

#### Fourth Year (Senior Honours)

A semi-independent project takes up a substantial part of the Honours year. Students also attend courses on **Bioethics, Wildlife Conservation & Management** and **Conservation & Global Change** and prepare an extended essay. A further optional course may be selected. A residential team-building course and careers sessions are included in the programme.

Field courses in land use and in zoology are compulsory for students of Wildlife Management. All students also carry out a period of work experience.

#### Teaching and Assessment

Courses use a wide variety of teaching methods including lectures, laboratory practicals, fieldwork, seminars and tutorials. Most courses are assessed by both continuous assessment and a written examination. Continuous assessment takes many forms including essays, a series of practical reports, or a group project. Final year students also attend a residential teamwork course.

#### Your Future

Graduates find employment in a range of private and public sector activities such as game reserve management, estate management, wildlife farming, eco-tourism and population control.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL.\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in Wildlife Management



#### Course Information

[www.abdn.ac.uk/biologicalsci](http://www.abdn.ac.uk/biologicalsci)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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There will be opportunities for expeditions, voluntary work overseas and 'year-out' placements. International exchanges are also possible, normally in the second year of a four year programme. Similarly, it is possible to study for part of the degree in another European university under the ERASMUS programme. See page 25 for information.



See page 26 for information

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**Zoology** is the science of animal life. It is a wide-ranging subject, focusing down from the whole animal and its interactions with the environment to the molecular level. Zoologists are at the forefront in understanding climate change, managing natural resources and in our fight against human and animal diseases.

#### Why Choose Aberdeen?

- > One of the few universities in Britain offering a Zoology degree
- > A recent internal teaching review panel commended the School of Biological Sciences for its committed, professional and enthusiastic teaching across a wide range of degree programmes. The panel was also impressed with the course choice within degrees and by the emphasis on field courses and field-based teaching
- > Zoology is provided with well-equipped laboratories which house the Scottish Fish Immunology Research Centre, the Institute of Biological and Environmental Sciences, the Aberdeen Centre for Environmental Sustainability and the Aberdeen Centre for Energy Regulation and Obesity
- > The School has close links with local research institutes and maintains an ecological field station which is home to Ocean Labs 1 and 2, which are deep sea and marine research facilities. Another field station at Cromarty on the Black Isle is a centre for the study of marine mammals
- > Research on a wide range of animals and environments including deep-sea fish, salmon and trout, geese, dolphins, seals, rodents, protozoans, cephalopods and other molluscs, crustaceans, insects and ticks

#### Degree Programme Structure and Content

##### First Year

Core courses include **Organismal Biology, Ecology and Environmental Science, The Cell, Chemistry** and a tutorial course in **Biology**. Three other courses are chosen from a wide range of options within the University.

##### Second Year

Core courses include **Diversity of Life, Community Ecology, Principles of Animal Physiology, Zoology Field Course** and a skills course for Biologists. Other popular options are taken from **Conservation Biology, Ocean Biology, Genes & Evolution, Microbes - Infection and Immunity** or courses relating to **Biomedical Science, Plant Science** or **Geography**.

##### Third Year (Junior Honours)

A core programme of zoological subjects includes **Animal Evolution & Biodiversity, Animal Population Ecology, Animal Physiology** and an advanced skills course

for Biologists. Other choices are made from **Animal Behaviour, Marine Ecology and Ecosystems, Biology and Control of Infectious Diseases** and **Aquatic Biology - Conservation and Exploitation**.

##### Fourth Year (Senior Honours)

An independent research project (either field or laboratory based with staff supervision), and a major review essay, together with four six-week taught courses provides the basis for the final Honours year. The taught courses develop insights into specialised topics and, where appropriate, include visits to research establishments and commercial organisations. These incorporate other skills-oriented activities, including statistical analysis, computing, literature summaries, oral communication, study of biodiversity, and career development. Furthermore, every Honours student attends a team-building course.

##### Teaching and Assessment

Courses use a wide variety of teaching methods: lectures, laboratory practicals, fieldwork, seminars and tutorials. Most courses are assessed by both continuous assessment and a written examination, taken at the end of the semester. Continuous assessment takes many forms including essays, a series of practical reports, or a group project which may be presented to fellow students.

In third year, a typical six-week course is likely to involve four to five hours of lectures and a three-hour practical or field excursion per week; seminars or tutorials are held where appropriate to the course content. Teamwork by students engaged on projects and field work is encouraged.

##### Your Future

Zoology courses are designed to provide a broad based set of specialist and generic skills for future employment. A considerable number of Zoology graduates continue their education by reading for higher degrees either in the UK or abroad. Graduates may also enter teaching biology or general science by taking a postgraduate diploma. Graduates often find full-time employment in a wide range of careers. Typical employers include universities, research institutes, government agencies (e.g. SEPA, SNH), environmental consultancies, environmental charities including WWF & RSPB, National Health Service, libraries and commercial enterprises in aquaculture and animal nutrition.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL.\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information. UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in Zoology

#### Related Honours Programmes in

Animal Ecology, Marine Biology



Course Information

[www.abdn.ac.uk/biologicalsci](http://www.abdn.ac.uk/biologicalsci)

General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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# Degrees in Medical Sciences

Biochemistry  
Biomedical Science  
Biotechnology  
Genetics  
Human Embryology  
and Developmental Biology  
Immunology  
Microbiology  
Molecular Biology  
Neuroscience  
with Psychology  
Pharmacology  
Physiology  
Sports & Exercise Science  
Sports Studies  
(Exercise and Health)

**Working within a culture of excellence, the medical sciences are committed to promoting the dynamic link between teaching and research, alongside a supportive environment that works to the highest standards.**

**Industrial Placements – Five Year MSci Degrees** offer students the opportunity to spend the fourth year of their degree in an industrial, commercial or research environment where they will obtain a breadth of practical experience to complement their degree programme.

#### Background

Degree programmes with an integral industrial placement offer students the opportunity to spend the fourth year of their degree in paid employment and graduate after five years with an MSci (an undergraduate Masters Degree) instead of a BSc. Placements vary considerably, but in general terms students are placed in an industrial, commercial or research environment where they will obtain a breadth of practical experience to complement their degree programme. All degree programmes offered by the School of Medical Sciences, offer the opportunity for students to undertake a year's placement.

We currently have links with a number of different companies and have recently placed students in companies such as Novartis, GlaxoSmithKline, Wyeth and NIMR, as well as a number of smaller companies both in the UK and abroad.

#### Why Undertake a Year's Industrial Placement?

Employers now expect an impressive list of skills, knowledge and experience in their graduate recruits. They welcome 'transferable skills' acquired during a work placement, such as communication, numeracy, use of IT, group work and time management. In addition to allowing you to experience workplace culture, completing an industrial placement makes you a more effective employee following graduation. Increasingly, placements or periods of work experience are being used as a tool by employers for pre-selecting the best students for graduate roles. An industrial placement year may therefore become a passport to employment where employers consider a work placement as a central part of their graduate recruitment process.

#### Who Can Undertake an Industrial Placement?

All students who are studying for a degree within the School of Medical Sciences, and who successfully complete their first three years at a level which will allow them entry into Honours year, are eligible to apply to undertake a year's industrial placement.

#### Finding a Placement

The application process for placements starts at the end of September of the year prior to the placement commencing. Throughout the application process students receive the full support of the Industrial Placement Co-ordinator and the University Careers Service. Students remain registered with the University during their placement year and continue to receive guidance and advice from a University tutor for the duration of the year in industry. At the end of their placement year students return to the University to complete their final year of study – their Honours year.

#### The Complete Package!

For students wishing to maximise their career opportunities we offer the complete package of Life Science degrees with Industrial Placement and Biobusiness (See page 175 and 176). These five year MSci degrees will prepare the student for either a career in industry or a further postgraduate qualification e.g. PhD or MBA.

#### Further Information

[www.abdn.ac.uk/sms/ugradteaching/placements](http://www.abdn.ac.uk/sms/ugradteaching/placements)

**Biobusiness Options** introduce students to the basic concepts of business and how these can be used in conjunction with their scientific training.

#### Why Choose Aberdeen?

The Biobusiness options here at the University of Aberdeen are a unique opportunity for you as a life scientist to also learn about the commercialisation of scientific ideas. You will be given the chance to learn about the biotechnology and pharmaceutical industries and help in understanding the language of the Biobusiness sector. The Biobusiness Options are for scientists who want to become business “savvy” while maintaining the quality of their science.

#### Background

The Biotechnology Industry is one of the fastest growing areas in the UK and at the University of Aberdeen we want to be the first in the higher education sector to train our graduates for these emerging opportunities. Scotland is often at the forefront of groundbreaking scientific achievements. Indeed, science in Scotland by GDP is amongst the best in the world. However, when it comes to commercialisation of our science – making that critical journey from the lab to the marketplace – we could be better. In October 2009, the University of Aberdeen launched Scotland’s first programme to create the next generation of “business savvy” scientists and entrepreneurs enabled to bridge the gap between scientific excellence and commercial success.

#### What is Biobusiness?

This exciting programme aims to introduce undergraduate students to the basic concepts of business and how these can be used in conjunction with their scientific training. The courses will give students an unprecedented insight into the rapidly expanding life sciences industry – a sector where Scotland’s excellence is acknowledged around the world. We will challenge students to think about the nature of research when driven by commercial outcomes.

#### Why Take Biobusiness Options?

The Biobusiness programme will produce graduates who are first-class scientists but with the potential to be the next generation of bio-entrepreneurs. Many of the future recruitment opportunities for students with Life Science skills will involve roles in biobusiness rather than exclusively research at the bench. Biobusiness options will broaden career opportunities, allowing successful students to pursue postgraduate training for a PhD or our MBA in Biotechnology.

#### Course Structure

The Biobusiness components will concentrate on models that relate directly to the commercialisation of science and technology. There are three courses studied as part of the Biobusiness option: **Introduction to Biobusiness** can be taken in either first or second year; **Biobusiness** and **Advanced Biobusiness** are taken in third and fourth year respectively. The teaching is in the form of lectures, tutorials and seminars with assessment by presentation, essays, reports and written examinations.

Experts from Biobusiness, Intellectual Property, Law and Finance will be brought in specifically to teach our Biobusiness students. Students will even be given the chance to run their own virtual biotechnology company, see if they have what it takes to be a director of a business in this burgeoning sector, and develop the skills required when pitching for funding.

#### Who to Contact

Students undertaking any degree in Medical Sciences who are interested in the Biobusiness options should contact the Programme Co-ordinator, Dr Heather Wallace at [h.m.wallace@abdn.ac.uk](mailto:h.m.wallace@abdn.ac.uk) for details. Further information is also available at [www.abdn.ac.uk/sms/biobusiness](http://www.abdn.ac.uk/sms/biobusiness)

#### A Complete Package!

For students wishing to maximise their career opportunities, the University of Aberdeen now offers a complete package of a Life Science degree with Biobusiness and Industrial Placement (see pages 175/176). This is a five year MSci degree in any discipline of Medical Science and will prepare the student for either a career in industry or a further postgraduate qualification such as a PhD or MBA.



**Biochemistry** is central to the study of all of biology. All living cells consist of many different types of molecule, each playing a role in determining the properties of the living organism – the study of these molecules is Biochemistry.

#### Why Choose Aberdeen?

- > **Excellent staff and teaching facilities**
- > **Innovative and flexible teaching allowing the student to follow special interests**
- > **Opportunities for gaining (paid) experience in industry**
- > **Teaching programme has a strong core of fundamental Biochemistry but equips students with understanding of such diseases as diabetes, cancer and heart disease**
- > **Training provided in both specialist and employment-related skills**

#### Degree Programme Structure and Content

##### First Year

Students take first year courses in **Chemistry** and **Medical Sciences** plus additional courses selected from science and other areas. A special course is available for those needing to strengthen their background in the essential skills required for study in science.

##### Second Year

There are two second year Biochemistry courses: **Molecular Biology of the Gene** and **Energy for Life**. These courses cover the organisation of genes, the mechanisms that allow their expression and how metabolic reactions transfer energy from light or foodstuffs. Molecular aspects of biotechnology are also included. The second year curriculum includes two courses devoted to development of **Foundation and Research Skills in the Life Sciences**.

##### Third Year

Courses on the **Molecular Control of Cell Function** explore the mechanisms involved in controlling cell function, such as protein-protein interactions. Students gain a comprehensive understanding of the ways in which biological systems function and interact, including gene expression analysis, studies of the functions of genes and their protein products, and how the component biological processes within the cell interact and link. In addition, students take courses in **Genetics** or **Microbiology**.

##### Fourth Year (Honours)

The year aims to extend and explore in depth specific aspects of Biochemistry. All students begin their Honours year by attending a three-day reading party. An important feature is a ten-week research project, carried out in research laboratories in the School of Medical Sciences, other schools, or in local research institutes. This project provides the opportunity to carry out original research, using state-of-the-art technology in busy laboratories.

The fourth year curriculum is divided into a core course and two options courses in the first semester, with the research project and research tutorials in the second semester.

##### Variations

For degrees with an Industrial Placement, the year in industry is taken between third and fourth year, in an appropriate industrial laboratory.

##### Teaching and Assessment

Teaching involves attendance at lectures, practicals and tutorials. In the later years a greater proportion is private study, involving writing essays and reports, and also in laboratory or library work relating to specific projects and student symposia.

##### Your Future

Graduates may move directly into positions in hospital research, diagnostic laboratories and research institutes. Other major employers include the pharmaceutical, food, fermentation and related biotechnology industries.

#### What You Need

**SOA Highers BBBB\***

**A Levels BBB\***

**IB 30 points, 5 at HL\***

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

**UCAS Code see page 198**

#### Advanced Entry

Advanced Highers ABB or A Levels ABB, or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

**Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

**Single Honours Programmes in**

Biochemistry, Biochemistry (Immunology) (both also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).

#### Course Information


[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)


**General Information**

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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**Biomedical Science** provides an integrated study of the structure and function of the entire human body. This degree programme has two unique aspects: the scientific content of pre-clinical medicine, plus the opportunity to study cellular processes from this whole-body perspective.

#### Why Choose Aberdeen?

- > Provides a thorough grounding in the core medical sciences of human structure and function, and a topic chosen from Physiology, Pharmacology, Molecular Biology, Developmental Biology or Anatomy
- > Biomedical scientists in Aberdeen have made major medical advances, including co-discovery of insulin (receiving a Nobel Prize) and discovery of the brain's morphine-like chemicals
- > The integrated course is taught by a School awarded a maximum 'Excellent' in the Teaching Quality Assessment Exercise
- > The final year ten-week, full-time project in research-active laboratories provides a valuable insight into academic research
- > Graduates acquire core skills and knowledge vital to the modern workplace, and an ideal training for progress to graduate programmes in medical research, medicine and physiotherapy

#### Degree Programme Structure and Content

##### First Year

The Biomedical Science programme has its own degree regulations and higher entry requirements but students may transfer to other schemes at any stage, provided progress requirements are met.

In first year there are courses in **Chemistry** and **Medical Sciences**, plus optional courses from the normal science programme and other areas.

##### Second year

Second year covers: **Human Gross Anatomy** (dissection of human cadaver), **Human Physiology, Molecular Biology, Biochemistry** combined with courses delivering key skills applicable to Biomedical Sciences.

##### Third Year

A compulsory **Molecules, Membranes and Cells** course plus specialised courses in **Physiology, Pharmacology, Molecular Biology, Developmental Biology** or **Anatomy**.

##### Fourth Year (Honours)

One half of the year explores Biomedical topics of the chosen specialist topic. The other half comprises a full-time, ten-week research project within a research institution, experiencing original research work in an active environment.

##### Teaching and Assessment

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years a rather greater proportion of the students' time is taken up with private study involving writing essays and reports, and also in laboratory or library work relating to specific projects. The final year incorporates the preparation and presentation of a research-based thesis.

##### Your Future

This degree primarily prepares graduates to follow careers in science relating to medicine. The degree can also be a basis for an application to enter graduate Medicine or Dentistry. However, the number of places available for graduate entry to Medicine and Dentistry is unpredictable and the competition extremely fierce. Thus students should read a BSc in Biomedical Sciences for its own sake and not as a possible entry route into Medicine or Dentistry. In addition, transfer after commencing a Biomedical Science degree is not a route into Medicine that can be considered.

#### What You Need

**SOA Highers AABB\***

**A Levels ABB\***

**IB 32 points, 5 at HL\***

\*Chemistry or Biology at Grade A and another Mathematics/Science subject required.

See table on page 155 for more information.

**UCAS Code** see page 198

#### Advanced Entry

Advanced Highers AAB or A Levels AAB, or IB 36 points (6 at HL) including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

**Email us:** [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

**Call us:** +44 (0)1224 272090/91

#### Your Study Options

##### Single Honours Programmes in

Biomedical Science (Anatomy)  
Biomedical Science (Developmental Biology)  
Biomedical Science (Molecular Biology)  
Biomedical Science (Pharmacology)  
Biomedical Science (Physiology)  
(all also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).

#### Professional Accreditation

The Biomedical Sciences degree offered by the University of Aberdeen is NOT accredited by the Institute of Biomedical Sciences (IBMS). IBMS accredited courses must focus on the specific vocational training required to pursue a career as a biomedical scientist in a pathology or biomedical laboratory within (or serving) the NHS. The Biomedical Sciences degree programme in Aberdeen aims to underpin a much greater range of potential career choices to our graduates. These would include future individual IBMS accreditation following a further one year conversion course.

#### Course Information

[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)


**General Information**

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 [@aberdeenui](https://twitter.com/aberdeenui)

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**Biotechnology** is the application of biology to improve the quality of human life. It is a technology based on the unique properties of biological molecules, cells and organisms and provides new ways of diagnosing disease, producing antibiotics and other chemicals, reducing industrial contamination of the environment and improving food safety.

#### Why Choose Aberdeen?

- > Excellent staff and teaching facilities
- > Innovative and flexible teaching allowing the student to follow special interests
- > Opportunities for gaining (paid) experience in industry
- > First-class courses in Biochemistry, Genetics, Microbiology and Immunology
- > Training provided in both specialist and employment-related skills

#### Degree Programme Structure and Content

##### First Year

Students take courses in **Chemistry** and **Medical Sciences** plus additional courses selected from the wide range available from science and other areas.

##### Second Year

Students take core courses drawn from **Biochemistry** (Molecular Biology of the Gene, Energy for Life), **Genetics** (Genes & Evolution) and **Microbiology and Immunology** (Microbes, Infection and Immunity) programmes. The second year curriculum also includes two courses devoted to development of **Foundation and Research Skills in the Life Sciences**.

##### Third Year

The third year curriculum is interdisciplinary. Courses consider both the fundamental science that has enabled the biotechnology industry to develop, and the applications of different biological systems. Students gain a comprehensive understanding of the ways in which biological systems function and interact, including gene expression analysis, studies of the functions of genes and their protein products, and how the component biological processes within the cell interact.

##### Fourth Year (Honours)

All students begin their Honours year by attending a two-day reading party. An important feature of the Honours course is a ten-week research project, carried out in research laboratories within the Institute of Medical Sciences. This project provides the opportunity to carry out original research, using state-of-the-art technology alongside postgraduate and postdoctoral staff. The fourth year curriculum is divided into a core course and two options courses in the first semester, with the research project and research tutorials in the second semester.

##### Variations

Students may undertake a one-year period of research in an appropriate industrial laboratory between third and fourth year, which, taken in addition to the BSc (Honours) programme, qualifies a student for the award of an MSci degree. The student is paid a salary while working with the industrial partner.

##### Teaching and Assessment

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years a greater proportion of the students' time is taken up in private study.

##### Your Future

Many of our graduates follow their undergraduate degree with PhD research in a wide range of research laboratories both in the UK and overseas. Others move directly into positions in hospital research, diagnostic laboratories and research institutes. Other major employers of Biotechnology graduates include the scientific civil service, pharmaceutical, food, fermentation and related biotechnology industries.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB, or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

##### Single Honours Programme in

Biotechnology (Applied Molecular Biology) (also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).



#### Course Information

[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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**Genetics** is the study of the inherited differences between individuals. An understanding of inheritance is central to biology, medicine and biotechnology.

#### Why Choose Aberdeen?

Genetics allows us to understand normal events such as development, growth and ageing in terms of the underlying molecular machinery of the cell and helps explain why these processes go wrong in disease.

- > Excellent staff and teaching facilities
- > Innovative and flexible teaching allowing the student to follow special interests
- > Opportunities for gaining (paid) experience in industry
- > Strong emphasis on medical and human genetics
- > Training provided in both specialist and employment-related skills

#### Degree Programme Structure and Content

##### First Year

Students take courses in **Chemistry** and **Biology** plus additional courses selected from the wide range available from science and other areas.

##### Second Year

Courses introduce **Animal, Plant and Microbial Genetics**. The basic principles of gene action and expression are dealt with at the molecular, cellular and population levels, including **Population Genetics and Evolution**. The study of **Human Genetics** is included, together with the **Genetic Basis of Modern Biotechnology**. The second year curriculum also includes two courses devoted to development of **Foundation and Research Skills in the Life Sciences**. Students have a choice of other science courses, and are encouraged to include **Biochemistry** and **Cell Biology** courses among them.

##### Third Year

Topics covered include the **Mechanisms of Gene and Chromosome Mutation** and the **Origins of Spontaneous Mutations; Molecular and Microscopic Study of Chromosomes; The Behaviour of Genes in Populations; Developmental Genetics; Molecular Genetics in Bacteria, Viruses and Eukaryotes; Molecular Biology of Plants; Modern DNA-Based Genetic Analysis, Diagnosis, Therapy and Ecological Genetics; Environmental Impacts on Genetic Stability and Health** and **The Evolution of Immune and Defence Mechanisms Against Environmental Insult**.

#### Fourth Year (Honours)

All students begin their Honours year by attending a three-day reading party. An important feature of the Honours course is a ten-week research project, carried out in research laboratories within the School of Medical Sciences or in local research institutes. This project provides the opportunity to carry out original research, using state-of-the-art technology alongside postgraduate and postdoctoral staff.

#### Variations

For degrees with Industrial Placement the year in industry is taken between third and fourth year in an appropriate industrial laboratory.

#### Teaching and Assessment

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years a rather greater proportion of the students' time is taken up in private study, laboratory or library work.

#### Your Future

Many of our graduates follow their degree with PhD research. Others move into positions in hospital research, diagnostic laboratories and research institutes. Major employers of Genetics graduates include the scientific civil service, pharmaceutical, food, fermentation and related industries. A Genetics degree is also a starting point for a career outside science, including management, intellectual property or a wide range of other professions.

#### What You Need

**SQA Highers BBBB\***

**A Levels BBB\***

**IB 30 points, 5 at HL\***

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information.

**UCAS Code see page 198**

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

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#### Your Study Options

##### Single Honours Programmes in

Genetics, Genetics (Immunology) (both also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).



#### Course Information

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**Human Embryology and Developmental Biology** is the modern synthesis of biological and medical sciences that looks at how our bodies are built. It investigates the remarkable process in humans and animals that turns a single fertilised egg into a whole new individual with many specialised cell types.

#### Why Choose Aberdeen?

You will receive a broad and multifaceted training in modern biomedical sciences, ranging from traditional morphology and embryology to the latest molecular and bioinformatics approaches in genetics, cell biology and biotechnology. Research in Human Embryology and Developmental Biology is central to the search for cures for many human genetic diseases, including cancer, and is at the forefront of recent advances in modern medicine. You will be trained in embryology, reproductive biology (including fertility/IVF science), stem cell technology, tissue regeneration, and the causes of, and cures for, human birth defects.

- > Excellent facilities and expert staff teaching a broad spectrum of subjects in modern biology
- > Emphasis on medically-relevant developmental genetics and stem cell technology
- > Hands-on laboratory training at the forefront of current research in developmental biology and stem cell technology
- > Training provided in both specialist and transferable employment-related skills

#### Degree Programme Structure and Content

##### First Year

Students take courses in **Chemistry** and **Medical Sciences** (including a first taster of **Developmental Biology** and a closer look at the cell), plus additional courses selected from the wide range available.

##### Second Year

Courses introduce the broad foundation for Human Embryology and Developmental Biology, from the **Biology of Molecules and Genes** to the **Biology of Cells and Whole Organisms**. Core research skills are taught, and students complete a project on a developmental disease or embryological topic of their choice. Students have a choice of other science courses ranging from **Biochemistry** and **Anatomy & Physiology** to **Zoology** and **Environmental Biology**.

##### Third Year

Students are provided with an in-depth study of **Embryology, Birth Defects and Developmental Biology** in courses that focus on the **Principles of Developmental Biology**, on **Early Embryogenesis (Patterning the Embryo)**, on the **Development of Organ Systems, Reproductive Biology and Developmental Genetics**. Additionally, they will be trained in the **Core Molecular Technologies for Biologists** for the modern research laboratory.

##### Fourth Year (Honours)

The focus of taught courses is on special aspects of Developmental Biology, such as **Stem Cell Technology and Regeneration** (including IVF), the relationship between **Evolution and Developmental Biology** and the **Development of the Nervous System** alongside an advanced training in cell and molecular biology. The Honours course features a ten-week, full-time research project, which provides the opportunity to carry out original research, using state-of-the-art technology alongside postgraduate and postdoctoral staff.

##### Teaching and Assessment

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years, a rather greater proportion of students' time is taken up in private study, laboratory or library work relating to particular projects.

##### Your Future

The Human Embryology and Developmental Biology degree offers particularly good prospects for research careers in academia, industry and hospitals because of its broad training in medically-relevant modern biology with many transferable skills. Many of our graduates follow their degree with PhD research in a wide range of laboratories. Others move into positions in hospital research, fertility sciences, diagnostic laboratories, research institutes and in administrative capacities in the civil service or in the pharmaceutical and related industries. Alternatively, the degree may lead on to careers such as teaching, publishing and even marketing.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

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#### Your Study Options

##### Single Honours Programme in

Human Embryology and Developmental Biology (also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).

#### Course Information

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**Immunology** is the study of how the body defends itself against pathogens. The courses explore the cells and molecules involved in defence, the nature of disease and pathogens, the use of the components of the immune system in therapeutics and diagnostics, and the evolutionary lessons from the development of immune systems in different organisms.

#### Why Choose Aberdeen?

- > Excellent staff and teaching facilities
- > Innovative and flexible teaching allowing the student to follow special interests
- > Opportunities for gaining (paid) experience in industry
- > Our teaching programme integrates immunology from fish to man
- > Training provided in both specialist and employment-related skills

#### Degree Programme Structure and Content

##### First Year

Students take first year courses in **Chemistry** and **Medical Sciences** plus additional courses selected from the wide range available from science and other areas. A special course is available for those needing to strengthen their background in the essential skills required for study in science.

##### Second Year

Second year courses introduce **Immunity**, **Infectious Diseases**, the **Biology of Pathogenic Viruses**, **Bacteria and Parasites** and **Cell Biology**. Other courses introduce **Fundamental Microbiology**, **Biochemistry**, **Genetics** and **Physiology**. The second year curriculum includes two courses devoted to development of **Foundation and Research Skills in the Life Sciences**.

##### Third Year

A core course covers the fundamentals of Immunology, including **Immune Regulation**, **Tolerance** and an introduction to new ideas and advances in our understanding of the immune system. Other courses cover **Applied Immunology** in human disease including **Autoimmunity**, **Asthma and Allergies**, **Transplants and Parasite Immunology**, as well as the biology and control of infectious diseases and therapeutic advances. The latest technologies available for immunological analysis both in clinical and research settings will also be covered theoretically and in practical classes. A core course in **Molecular Biology** complements this degree programme.

##### Fourth Year (Honours)

The Honours year extends and explores molecular and cellular aspects of Immunology and the advanced concepts linking immunity, infection and disease. There are three series of tutorials and workshops for the discussion and exploration of the latest topics and technologies in the field using primary literature. Lecturers and tutors at this stage are all actively involved in internationally recognised research. All students begin their Honours year by attending a two-day reading party.

An important feature of the Honours course is a ten-week research project, carried out in research laboratories in the School of Medical Sciences or in local research institutes. This provides the opportunity to carry out original research, using state-of-the-art technology alongside postgraduate and postdoctoral staff.

##### Variations

For degrees with an Industrial Placement the year in industry is taken between third and fourth year in an appropriate industrial laboratory.

##### Teaching and Assessment

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years a greater proportion of the students' time is taken up in private study involving writing essays and reports, and also in the laboratory or library work relating to specific projects and student symposia. The final year incorporates the preparation and presentation of a research-based thesis.

##### Your Future

Many of our graduates follow their undergraduate degree with a postgraduate course or with PhD research in a wide range of research laboratories. Others move directly into positions in hospital research, diagnostic laboratories and research institutes. Other major employers of Immunology graduates include the scientific civil service, pharmaceutical, food, fermentation and related biotechnology industries. An Immunology degree is also a starting point for a career outside science in management, intellectual property, publishing, teaching or a wide range of other professions.

#### What You Need

**SQA Highers BBBB\***

**A Levels BBB\***

**IB 30 points, 5 at HL\***

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information.

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#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL) including Biology and Chemistry, one of which must be at A-grade.

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#### Your Study Options

##### Single Honours Programme in

**Immunology** (also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).

##### Joint Honours Programme with

**Pharmacology** (also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).

##### Related Honours Programmes in

**Genetics (Immunology)**, **Biochemistry (Immunology)** (both also available as MSci with Industrial Placement. See pages 175/176 for more information).



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**Microbiology** is the study of bacteria, yeasts and viruses at the level of protein and gene (molecular biology), at the level of the cell (cell biology and physiology), and at the level of the microbial community. In the Medical Microbiology degree, the focus is on pathogenic micro-organisms, their interaction with the immune system, and their therapeutic treatment.

#### Why Choose Aberdeen?

- Excellent staff, passionate about high quality teaching, using modern, up-to-date teaching facilities
- Opportunities for gaining (paid) experience in industry
- Integrated teaching provision in the allied subject areas of Biochemistry, Genetics and Immunology
- Training provided in both specialist and employment-related skills

#### Degree Programme Structure and Content

##### First Year

Students take courses in **Chemistry** and **Medical Sciences** plus additional courses selected from science and other areas.

##### Second Year

The core second year course is **Microbes, Infection and Immunity**. Focusing on medical aspects of microbiology, it introduces aspects of structure, physiology, growth and ecology of micro-organisms. It goes on to describe the role that micro-organisms play in causing disease and the ways that the body uses to counter this attack. Students also take foundation courses in **Genetics** and **Biochemistry**. The second year curriculum includes two courses devoted to development of **Foundation and Research Skills in the Life Sciences**.

##### Third Year

The **Microbiology** course covers the interactions between the microbial cell and its biological environment, with particular emphasis on the molecular and cell biology of pathogenic bacteria, fungi and protozoa. The focus on molecular medical microbiology is supported by an intensive hands-on practical, studying a human microbial pathogen.

There is also a course in **Immunology** that is highly recommended for those with an interest in a career in Medical Microbiology.

##### Fourth Year (Honours)

The Honours year explores molecular and population aspects of Microbiology and Medical Microbiology in depth. All students begin their Honours year by attending a two-day reading party. A feature of the Honours course is a ten-week research project, carried out in research laboratories within the Institute of Medical Sciences. This project provides the opportunity to carry out original research, using state-of-the-art technology in busy laboratories and alongside postgraduate and postdoctoral staff. The fourth year curriculum is divided into a core course and two options courses in the first semester, with the research project and research tutorials in the second semester. Options courses focus on **Medical Microbiology** or **Molecular Microbiology**.

##### Variations

For the degrees with an Industrial Placement (qualifying a student for the award of an MSci degree), the year in industry is taken between third and fourth year, in an appropriate biotechnology or pharmaceutical company industrial laboratory.

##### Teaching and Assessment

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years of the degree, a greater proportion of study is student-directed, allowing a student to follow their own particular interests within the subject area. The later years also involve an increased participation in practical microbiology and a nine-week research project.

##### Your Future

Many of our graduates pursue research in a wide range of research laboratories both in the UK and overseas. Others move directly into positions in hospital research, diagnostic laboratories and research institutes. Other major employers of Microbiology graduates include biotechnology companies, pharmaceutical, food, fermentation and related industries.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

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#### Your Study Options

##### Single Honours Programmes in

Microbiology, Molecular Microbiology (all also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).

#### Course Information


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**Molecular Biology** is the investigation at the molecular level of all aspects of cells and tissues from simple systems in bacteria to more complex systems in plants and mammals. Molecular Biology has been responsible for spectacular successes in the treatment of disease caused either by bacteria and viruses on the one hand, or inborn genetic errors on the other.

#### Why Choose Aberdeen?

- › Excellent staff and teaching facilities
- › Innovative and flexible teaching allowing the student to follow special interests
- › Opportunities for gaining (paid) experience in industry
- › An integrated programme covering Biochemistry, Genetics, Microbiology and Immunology
- › Training provided in both specialist and employment-related skills

#### Degree Programme Structure and Content

##### First Year

Students take courses in **Chemistry** and **Biology** plus additional courses selected from the wide range available from science and other areas.

##### Second Year

In second year students take a selection of courses that offer a training in fundamental aspects of **Biochemistry**, **Genetics** and **Microbiology** (see entries for these disciplines). The curriculum includes two courses devoted to development of **Foundation and Research Skills in the Life Sciences**.

##### Third Year

The third year courses advance students' understanding of the molecular biology of the cell. In addition, students take courses in **Genetics** and **Biochemistry**.

##### Fourth Year (Honours)

The Honours year aims to extend and explore in depth specific aspects of Molecular Biology. All students begin their Honours year by attending a three-day reading party. An important feature of the Honours course is a ten-week research project, carried out in research laboratories within the School of Medical Sciences, other schools, or in local research institutes.

This project provides the opportunity to carry out original research, using state-of-the-art technology in busy laboratories and alongside postgraduate and postdoctoral staff. The fourth year curriculum is divided into a core course and two options courses in the first semester, with the research project and research tutorials in the second semester.

#### Variations

For the degree with an Industrial Placement the year in industry is taken between third and fourth year, in an appropriate industrial laboratory.

#### Teaching and Assessment

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years a rather greater proportion of students' time is taken up in private study involving writing essays and reports, and also in laboratory or library work relating to specific projects and student symposia.

#### Your Future

A wide variety of career opportunities are available to molecular biologists. Many of our graduates follow their undergraduate degree with PhD research in a range of research laboratories both in the UK and overseas. Others move directly into positions in hospital research, diagnostic laboratories and research institutes (supported by the research councils and other agencies). Other major employers of Molecular Biology graduates include the pharmaceutical, food, fermentation and related biotechnology industries.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL.\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

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#### Your Study Options

##### Single Honours Programme in

Molecular Biology (also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).

#### Course Information

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**Neuroscience with Psychology** is the study of nerve cells and how they work together in the brain. The degree aims to instil a broad base of knowledge regarding the functioning of the nervous system. This is done via a bottom-up approach through an understanding of the nervous system at a molecular and cellular level, but also via a top-down approach through behavioural neuropsychology.

#### Why Choose Aberdeen?

- The University has a strong research base in Neuroscience where the behaviour of nerve cells is studied primarily at the molecular and cellular level
- Neuroscientists at Aberdeen discovered that the brain produces its own morphine-like substances (enkephalins) and made the first chemical and neuropharmacological characterisation of these substances
- The degree programme combines this expertise with courses in human and animal neuropsychology
- The degree scheme includes a ten-week, full-time research project in the Honours year that gives a good insight into the realities of top quality research
- The degree was graded as 'Excellent' in the Teaching Quality Assessment Exercise
- The Department provides attractive and up-to-date laboratories both on the King's College Campus and the University Medical School

#### Degree Programme Structure and Content

##### First Year

Students take first year courses in **Chemistry, Medical Sciences** and **Psychology**, plus additional courses selected from the science programme and other areas.

##### Second Year

Second year courses are taken in **Physiology** and **Psychology** combined with courses delivering key skills applicable to Neuroscience.

##### Third Year

A series of courses - **Molecules, Membranes and Cells, Neuroscience and Neuropharmacology** and **Integrative Neuroscience** - provide a systematic study of nerve cell communication at ascending levels of integration. These are accompanied by parallel courses in **Biopsychology, Memory and Cognition** and **Animal Behaviour**. A key skill developed at this level is the use of computer-based technology for the analysis and presentation of scientific data.

#### Fourth Year (Honours)

In the first half-session, selected areas which were dealt with in a broad context in third year are now considered in depth. These include **Advanced Molecules, Membranes & Cells, Neuroanatomy** and **Developmental Neuroscience**. The second half-session is occupied fully with a laboratory-based research project or a library research project, selected by students from a list which reflects local expertise.

#### Teaching and Assessment

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years a rather greater proportion of students' time is taken up in private study involving writing essays and reports, and also in laboratory or library work relating to specific projects. The final year incorporates the preparation and presentation of a research-based thesis.

#### Your Future

Neuroscience as a distinct discipline has only emerged within recent years and there is a strong demand for graduates with a broader background in Neuroscience than has been available in traditional single subject degree schemes. Most of our previous students have gone into academic laboratory research as postgraduate students or research assistants.

Alternatively, some students use the communication and analytical skills embedded in the course to apply for jobs that are not specifically science related.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL.\*

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology, Chemistry and Psychology.

#### Can We Help?

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#### Your Study Options

##### Single Honours Programme in

Neuroscience with Psychology (also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).



Course Information

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**Pharmacology** is concerned with the discovery and characterisation of drugs that are used either as medicines or as experimental tools for advancing our understanding of the body in health and disease. It is also concerned with drug toxicity and with the processes by which drugs are absorbed, distributed in the body, metabolised and excreted.

#### Why Choose Aberdeen?

- › Pharmacologists at the University of Aberdeen have been involved in outstanding scientific discoveries such as morphine-like and cannabis-like substances in the brain
- › The pharmacology teaching was graded 'Excellent' in the last Teaching Quality Assessment
- › Provides training and practical experience in classical pharmacology, toxicology and cell and molecular pharmacology
- › Gain core skills critical for employment
- › The Department provides attractive and up-to-date laboratories both on the King's College Campus and the University Medical School

#### Degree Programme Structure and Content

##### First Year

Students take first year courses in **Chemistry** and **Biology** plus additional courses selected from the science programme.

##### Second Year

**Human Physiology** courses commence. Two courses cover the **Physiology of Human Cells** and **Human Organ Systems**. Parallel recommended courses include **Biochemistry**, **Molecular Biology** and **Chemistry** combined with courses delivering key skills applicable to Pharmacology.

##### Third Year

Third year is designed to give students a broad introduction to pharmacology. Laboratory work is carried out largely in groups and also provides extensive experience of computer-based techniques for acquisition, manipulation and presentation of scientific material. A series of core courses - **Molecules, Membranes and Cells, Neurophysiology and Neuropharmacology, Cardiovascular Physiology and Pharmacology** and **Integrative Neuroscience** - are accompanied by specialised courses in **Biochemical Pharmacology and Mechanisms of Disease** and **Principles of Chemotherapy**.

##### Fourth Year (Honours)

Third year options are continued with advanced studies in Pharmacology. The taught courses are **Molecular Toxicology, Molecular Pharmacology** and **Advanced Molecules, Membranes and Cells**. A large part of the Honours year is taken up with a full-time research project.

##### Teaching and Assessment

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years a rather greater proportion of time is taken up in private study involving writing essays and reports, and also in laboratory or library work relating to specific projects. The final year incorporates the preparation and presentation of a research-based thesis.

##### Your Future

The degree offers good prospects for research careers in academia, industry, the scientific civil service and hospitals. It can be used as an entry qualification for certain postgraduate courses including MSc Courses in Clinical Pharmacology, Toxicology, Endocrinology, Nutrition or IT. Alternatively, it may lead onto careers such as marketing, publishing or teaching. The degree does NOT directly lead to a career in Pharmacy.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL.\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information. UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

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#### Your Study Options

##### Single Honours Programme in

Pharmacology (also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).

##### Joint Honours Programme with

Immunology (also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).

#### Course Information

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**Physiology** is the study of how the body works. More than any other of the biological sciences, it involves using an understanding of biological process at the most basic level to explain how a whole organ or an entire body functions. It is this integrated aspect that puts Physiology at the centre of the biological and medical sciences.

#### Why Choose Aberdeen?

- Physiology has been taught at Aberdeen since 1593 and is now based within state-of-the-art Institute of Medical Sciences. This allows a high degree of integration both in research and teaching between the medically related sciences
- Scientists at the University of Aberdeen have made major advances in physiological sciences. These include the co-discovery of insulin and the discovery that the brain produces its own morphine-like substances
- The degree scheme includes a ten-week, full-time research project in the Honours year that gives a good insight into the realities of top quality research

#### Degree Programme Structure and Content

##### First Year

Students take level 1 courses in **Chemistry** and **Medical Sciences**, plus additional courses selected from the science programme and other areas.

##### Second Year

**Human Physiology** courses commence. Two courses cover the **Physiology of Human Cells** and **Human Organ Systems**. Parallel recommended courses include **Biochemistry** and **Molecular Biology**, combined with courses delivering key skills applicable to Physiology.

##### Third Year

Modules taken in the first half-session of the third year in Physiology build on the modules taken at level 2 by enhancing students' understanding of the major physiological systems within the mammalian body. Modules taken in the second half-session will provide detailed insights into specific areas of mainstream physiology, a theme that is continued into the first half-session of the Physiology fourth year.

A series of core Biomedical Science courses

- **Molecules, Membranes and Cells**, **Neuroscience and Neuropharmacology**, and **Integrative Neuroscience** - are accompanied by specialised courses in **Physiology** which concentrate on the response of the human body to extreme environments, cardiovascular physiology and epithelial physiology.

##### Fourth Year (Honours)

The options selected at level 3 are continued with advanced studies in **Physiology**. A large part of the Honours year is taken up with a full-time research project which may be laboratory or library based. This is where students get a feel for what a career in research is like and whether they are suited to it.

##### Teaching and Assessment

The Department provides attractive and up-to-date laboratories both on the King's College Campus and the University Medical School.

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years a rather greater proportion of students' time is taken up with private study involving writing essays and reports and also in laboratory or library work relating to specific projects. The final year incorporates the preparation and presentation of a research-based thesis.

##### Your Future

A degree in Physiology has wide applications. Many students will continue in research posts where the intensive project work in the Honours year provides particularly valuable experience. Others will go onto a more vocational medical related MSc, in for example, physiotherapy or dietetics. Alternatively, some students use the communication and analytical skills embedded in the course to apply for non-science jobs in the industry.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL.\*

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

##### Single Honours Programme in

Physiology (also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for more information).

#### Course Information


[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)


#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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**Sports & Exercise Science** includes the study of the body's responses to exercise and of the adaptations that occur in response to regular exercise. Sports & Exercise Science also includes the role that regular modest levels of physical activity can play in maintaining health.

#### Why Choose Aberdeen?

- > The course at the University of Aberdeen is based on a strong curriculum in physiology, biochemistry and nutrition
- > The degree scheme covers the scientific basis that underpins athletic performance, and the role of scientific support in preparing the athlete for competition
- > Sports science courses complement those in the basic sciences and allow students to place their knowledge in the context of the sports performance and physical activity for health
- > Many scientific disciplines contribute to the sports and exercise sciences, including physiology, biochemistry, nutrition, psychology, anatomy and biomechanics
- > The final year includes a ten-week, full-time research project that gives a good insight into the realities of academic research. Opportunities occur from time to time to undertake projects in applied research activities

#### Degree Programme Structure and Content

##### First Year

Students take level 1 courses in **Chemistry**, **Medical Sciences** and **Sports Science** plus additional courses selected from the science programme and other areas.

##### Second Year

Further expansion of **Sport and Exercise Science** courses develop the degree area and cover issues relating to the elite athlete, the recreational exerciser and exercise for health. Additionally, courses are taken in **Physiology** and **Biochemistry**, combined with courses delivering key skills applicable to Sports Science.

##### Third Year

Students study **Integrative Physiology**, **Exercise Physiology**, **Nutrition & Biochemistry of Exercise** and also continue their studies in **Sports Science**.

#### Fourth Year (Honours)

Students continue with advanced studies in **Exercise and Sport Physiology** and complete the year by undertaking a laboratory or library based research project.

#### Teaching and Assessment

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years a rather greater proportion of students' time is taken up with private study involving writing essays and reports and also in laboratory or library work relating to specific projects. The final year incorporates the preparation and presentation of a research-based thesis.

The Department provides attractive and up-to-date laboratories both on the King's College Campus and the University Medical School.

#### Your Future

Sports and Exercise Science is a fast-growing discipline that offers an opportunity to combine an interest in the biological sciences with a career in a field related to sport or physical activity. Many students will continue in research posts where the intensive project work in the Honours year provides particularly valuable experience. Others will go on to a more vocational medical related MSc, in for example, physiotherapy or dietetics; or a postgraduate qualification in teaching PE or biology. Additionally, exercise and sport scientists are able to apply knowledge of biological sciences to the design and evaluation of exercise and health programmes for participants, ranging through cardiac rehabilitation patients, recreational exercisers and Olympic athletes.

Graduates find employment in many areas of Biomedical and human-based sciences subjects allied to medicine and also in the sport and leisure sectors where their understanding of the basis of human performance adds to their other skills.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology and Chemistry, one of which must be at A-grade.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91


#### Your Study Options

##### Single Honours Programme in

Sports & Exercise Science (also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for information).

#### Professional Accreditation

A number of organisations, including the *British Association of Sport and Exercise Sciences*, offer professional accreditation in this field. Accreditation for those offering sports science support to athletes requires a period of supervised postgraduate experience, while research accreditation requires a demonstration of competence. Graduates are eligible to apply for accreditation in either category.

 **Course Information**


[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

**General Information**

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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## Sports Studies (Exercise and Health)

is an inter-disciplinary degree delivered by specialists in psychology, exercise sciences, basic biomedical sciences and public health.

### Why Choose Aberdeen?

Sport and exercise have a powerful role in shaping our society and influencing public awareness of health-related issues. Increasing leisure time and lifestyle choices along with an increasingly sophisticated sporting infrastructure, has led to an expansion of the sectors providing sport, health and leisure. This offers extensive employment opportunities for graduates of this programme.

- Obtain a unique insight into the key inter-relationships between science, sport, health and leisure
- Develop a practical knowledge of research skills and methods related to the basic science underpinning the use of exercise in health and fitness
- Gain core skills important for employment in the sport, health and leisure industries

### Degree Programme Structure and Content

#### First Year

Studies of basic disciplines occupy the first year of study. An introduction to both **Psychology** and **Medical Sciences** is coupled with **Sports Science** and **Exercise Physiology** courses. Additional courses are selected from the science programme and other areas.

#### Second Year

Further expansion of **Sport Science** and development of **Exercise & Health** studies are provided at this level. These are combined with more advanced studies in **Psychology**, **Physiology** and courses delivering key skills applicable to Sports Studies.

#### Third Year

**Sports Science**, **Exercise Physiology** and **Sports Psychology** form an important component of third year together with more specific studies on **Anatomy**, together with health-related issues including **Nutrition**, **Health and Illness**.

#### Fourth Year (Honours)

The Honours year comprises focused studies on **Sports Studies** research topics and a specialised project course covering aspects of physical conditioning. A comprehensive course promoting the physiological and psychological aspects of exercise and health completes the syllabus.

#### Teaching and Assessment

In the early years, teaching involves attendance at lectures, practicals and tutorials. In the later years a rather greater proportion of students' time is taken up with private study involving writing essays and reports, and also in laboratory or library work relating to specific projects.

The Department provides attractive and up-to-date laboratories both on the King's College Campus and teaching accommodation at Foresterhill.

#### Your Future

Graduates in Sport Studies (Exercise and Health) will be strongly placed for employment in a wide range of sport and leisure industries and institutions such as professional sports clubs, leisure centres and tourism. Some will go on to a more vocational medical related MSc in, for example, physiotherapy or dietetics; or a postgraduate qualification in teaching PE, biology or primary education. Graduates may also begin careers in public health, occupational health and therapy, mass media and marketing.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL.\*

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Psychology at A-grade.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

##### Single Honours Programme in

Sports Studies (Exercise and Health) (also available as MSci with Industrial Placement and with options in Biobusiness. See pages 175/176 for information).

#### Course Information


[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)


#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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# Degrees in **Physical Sciences**

Archaeology  
Chemistry  
Chemistry (MChem)  
Geographical  
Information Systems  
Geography  
Geology / Geology  
& Petroleum Geology  
Physics

**At every level, the strength of the University's research and scholarship supports teaching programmes, keeping them at the cutting-edge of knowledge. We are committed to the belief that every person is enriched through the discovery of intellectual imagination, nurtured by shared knowledge and learning.**

**Archaeology** is a diverse and wide-ranging discipline that spans the humanities and physical sciences and is unique in exploring the human past in its entirety. In seeking to understand how ancient people lived their lives, structured their world, and engaged with their environment, archaeologists ask the big questions that can provide us with the tools to tackle global challenges in the present.

#### Why Choose Aberdeen?

- Archaeology at Aberdeen has a northern focus unique in the UK, covering the heritage of Scotland, Scandinavia, northern Europe, the North Atlantic and the northern latitudes of Asia and North America
- Strong inter-disciplinary approach, drawing on the strengths of related academic subjects across the University within both humanities and the physical sciences
- Aberdeen is at the heart of a region that is among the richest in the UK in terms of sites of outstanding archaeological interest and is in close proximity to the World Heritage sites in Orkney
- Excellent laboratory facilities and library holdings, inter-disciplinary expertise across the full spectrum of the subject, research active staff among the world leaders in their fields

#### Degree Programme Structure and Content

##### First Year

The Human Past: An Introduction to World Prehistory: Being and Becoming Human; Transformations in Human Society; Perceptions of the Past.

Archaeology in Action: The study of the Past; Doing Archaeology; The study of Material Culture. Plus six courses chosen from other disciplines.

##### Second Year

Interpreting the Past; Archaeologies of Social Life; Archaeology of the North: Colonisation and Culture Contact; Archaeology of the North: Lifeways and World-Views. Plus four courses chosen from other disciplines.

##### Third Year (Junior Honours)

Advanced Archaeological Practice; Archaeological Science; Archaeological Fieldwork Portfolio; Archaeological Research Project Part 1; The Archaeological Workplace.

Plus three course options chosen from a range available: Scottish Archaeology, North American Archaeology, Archaeologies of Landscape, Hunter-Gatherers, Viking Archaeology, Geoarchaeology, Human Palaeoecology, or courses from related disciplines.

##### Fourth Year (Senior Honours)

Archaeological Research Project Part 2; Current Issues in Archaeology. Plus four advanced course options chosen from a range available (see above), which must include Geoarchaeology and Human Palaeoecology if these were not taken in third year.

##### Teaching & Assessment

All students attend lectures, seminars, tutorials and laboratory-based practicals, and make a number of excursions to ancient monuments and museums in Scotland. In the Honours years there is an emphasis on field and research skills, with a required fieldwork component. A dissertation provides students with the opportunity to tackle an original piece of research.

Honours students will participate on departmental field projects in Scotland and elsewhere in the northern world, where they will receive practical training in survey, excavation and documentation methods. There are also opportunities for places on our field schools in Iceland and Alaska. Beyond the formal training projects, students are strongly encouraged to improve their practical skills by seeking additional field and placement work. Staff are happy to advise and help with such opportunities, which include projects based overseas.

Assessment is by means of written exams and different types of continuous assessment, depending on the course. In the first year continuous assessment takes the form of essays, but in upper years it also includes critical reviews, posters, laboratory assignments, field notebooks and oral presentations.

##### Your Future

The curriculum is designed to equip graduates with the practical and research skills required to work as professional archaeologists. The broad-based nature of the discipline enables graduates to compete strongly in the market place. The analytical and communications skills acquired by Archaeology graduates make them sought-after in a wide variety of fields including industry, commerce, research and a range of professions.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

See page 153 for more information.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in Archaeology

Joint Honours Programmes with Geography, Geoscience

Major-Minor Programme with Chemistry

Related Honours Programmes in Anthropology, Celtic, Chemistry, Geography, Geology, History, History of Art

#### Course Information

[www.abdn.ac.uk/archaeology](http://www.abdn.ac.uk/archaeology)


General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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**Chemistry** students perform practical work with state-of-the-art instrumentation and staff include internationally recognised researchers in Material Chemistry, Biomolecular and Medicinal Chemistry, and in Environmental Chemistry.

#### Why Choose Aberdeen?

- › The Department is friendly, with helpful and approachable staff
- › Our flexible range of courses offers both general and specialised degrees
- › All lecturing staff are active researchers in one or more of the areas of research strength of the Department: Materials Chemistry, Biomolecular and Medicinal Chemistry and Environmental Chemistry
- › Innovative methods for learning and teaching ensure that students develop skills in computing and IT, problem solving and personal skills, in addition to the core theoretical and practical principles of chemistry

#### Degree Programme Structure and Content

##### First Year

Students study introductory courses in **Chemistry**, alongside other courses which need not necessarily be science related. There is plenty of choice at this level.

##### Second Year

The four chemistry courses cover all the main areas of chemistry, including **Forensic Analytical Chemistry**, and take up half the workload. Four more courses are selected from other departments, usually in science.

##### Third Year (Junior Honours)

Students spend all their time studying chemistry, including a course on **Communicating Chemistry** targeted at transferable skills including computing, IT and presentation skills.

#### Fourth Year (Senior Honours)

All students choose from a range of topics in specialised areas of chemistry, and receive training in methods of research. BSc students undertake a personal research project in fourth year.

#### Variations

MChem students have group-based practicals on advanced instrumental techniques and a mini-project in fourth year. The MChem personal research project is in fifth year, and usually involves a placement in Europe. For specialised degrees, some courses are replaced by specified courses in other departments.

#### Teaching and Assessment

In first year, traditional lectures and practical classes are now integrated with the support provided by the University's Virtual Learning Environment, MyAberdeen. At higher levels, tutorials, individual and group project work, and essay and oral presentations, together with a rapidly increasing range of computer-based learning aids, also form part of the programme.

#### Your Future

Chemistry graduates are very employable because a degree in chemistry opens many opportunities for employment in areas such as drug development, environmental protection, food chemistry, petroleum chemistry, forensic science and materials development. It is also considered to be an excellent preparation for a career in business in particular because of the skills developed in problem solving and numeracy.

#### What You Need

SQA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL\*

\*Including good performance in Chemistry and another Mathematics/Science subject. See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB or A Levels ABB or IB 34 points (6 at HL), including Chemistry at A and another Mathematics/Science subject.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

##### BSc Honours Programmes In

Chemistry, Biomedical Materials Chemistry, Chemistry for the Offshore Industry, Environmental Chemistry, Medicinal Chemistry

##### Major-Minor Programmes With

Accountancy, Archaeology, Management, Mathematics\*, Physics\*, Chemistry with Modern Languages

\*Major-Minor Chemistry with Mathematics - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

\*Major-Minor Chemistry with Physics - SQA Higher or GCE A Level or equivalent qualification in Mathematics and Physics are required.

#### Professional Accreditation

Our MChem degrees are accredited by the *Royal Society of Chemistry* to fulfil the academic requirements for AMRSC and eventual progression to Chartered Chemist (CChem) status. Our BSc degrees are recognised by the *Royal Society of Chemistry* and fulfil the academic requirements for admission to AMRSC.



#### Course Information

[www.abdn.ac.uk/ncs/chemistry](http://www.abdn.ac.uk/ncs/chemistry)

#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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**Chemistry (MChem)** is an enhanced version of the BSc, lasting five years rather than four. The additional year includes material that is more advanced than that included in the BSc. It is designed to prepare students for direct entry into professional practice or provide a basis for progression to a research degree.

#### Why Choose Aberdeen?

- **Chemistry is a core science that is the very essence of life, but is also concerned with the quality of life and its continuing improvement**
- **The Department is friendly, with helpful and approachable staff who are enthusiastic about teaching**
- **Our flexible range of courses offers both general and specialised degrees**
- **All lecturing staff are active researchers in one or more of the areas of research strength of the Department: materials chemistry, biomolecular and medicinal chemistry and environmental chemistry**
- **Innovative methods for learning and teaching ensure that students develop skills in computer and information technology, problem solving and personal skills in addition to the core theoretical and practical principles of chemistry**

#### Degree Programme Structure and Content

##### First Year

Students study introductory courses in **Chemistry** alongside other courses which need not necessarily be science related. There is plenty of choice at this level.

##### Second Year

In second year, there are four chemistry courses covering all the main areas of chemistry, including **Forensic Analytical Chemistry**, that make up half the workload for the year. Four more courses are selected from other departments, usually in science.

##### Third Year

In third year, students normally spend all their time studying chemistry, but also attend a course on **Communicating Chemistry** targeted at transferable skills including computing and information technology and presentation skills. At the end of this year, students may, if they wish, opt to change to the BSc Honours degree.

##### Fourth Year

In the fourth year, students have lectures on a range of specialised topics, and receive training in methods of research. Students have group-based practicals on advanced instrumental techniques, problem-solving classes and a personal mini-project. For specialised degrees, some courses are replaced by specified courses in other departments.

##### Fifth Year

Advanced lectures and practicals make up the first half of the fifth year. The MChem personal research project takes a full half year, and is usually undertaken at a partner university in Europe in an industrial laboratory, or with a research group in the Department.

#### Teaching and Assessment

In first year, traditional lectures and practical classes are now integrated with the support provided by the University's Virtual Learning Environment, MyAberdeen. At higher levels, tutorials, individual and group project work, and essay and oral presentations, together with a rapidly increasing range of computer-based learning aids, also form part of the programme.

#### Your Future

A degree in Chemistry opens many opportunities for employment in areas such as drug development, environmental protection, food chemistry, petroleum chemistry, forensic science and materials development. It is also considered to be an excellent preparation for a career in business.

#### What You Need

SOA Highers AABB\*

A Levels ABB\*

IB 32 points, 5 at HL\*

\*Chemistry at Grade A and another Mathematics/Science subject required. See table on page 155 for more information. **UCAS Code see page 198**

#### Advanced Entry

Advanced Highers AAB, A Levels AAB or IB 34 points (6 at HL), including a minimum of AB from Chemistry and another Science, or Mathematics subject.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

##### MChem Programmes In

Chemistry, Biomedical Materials Chemistry, Chemistry for the Offshore Industry, Environmental Chemistry, Medicinal Chemistry, Chemistry with Modern Languages

#### Professional Accreditation

Our MChem degrees are accredited by the *Royal Society of Chemistry* to fulfil the academic requirements for AMRSC and eventual progression to Chartered Chemist (CChem) status.

The Chartered Chemist designation (CChem) recognises the experienced practising chemist who has demonstrated an in-depth knowledge of chemistry, significant personal achievements based upon chemistry, professionalism in the workplace and a commitment to maintaining technical expertise through continuing professional development. The RSC accredits degree courses in chemistry of a high standard in terms of both their intellectual challenge and the competence they are designed to impart to graduates. Only MChem (or MSci) degrees are accredited.



#### Course Information

[www.abdn.ac.uk/ncs/chemistry](http://www.abdn.ac.uk/ncs/chemistry)

#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

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## Geographical Information Systems

encompasses both the theory and practice of Geographical Information Systems and is influenced by Aberdeen's internationally recognised research in Information Systems (Personalisation, Data to Text) and Geography and the Environment.

### Why Choose Aberdeen?

- > Students are given the opportunity to develop their transferable skills and abilities as independent learners
- > Strong links with industry at local, national and multi-national levels ensure relevance of the curriculum

### Degree Programme Structure and Content

#### First Year

First year students focus on the foundations of Information Systems, including: how to design and implement programs (using Java and a web scripting language); a few relevant mathematical concepts and how to design websites. They also study contemporary geographical issues of global scale and significance.

#### Second Year

In the second year, students are introduced to core topics in modern information systems, with courses in **E-Society, Data Management, Human Computer Interaction** and **Advanced Web Application Development**. They also study core geography topics, with courses in **Environmental Systems, Mapping and Monitoring in the Environment, Space, Economy and Society** and **Skills and Techniques in Geosciences**.

#### Third and Fourth Year (Honours)

In third year, taught courses cover essential information systems and geography topics, including **Adaptive Interactive Systems, Enterprise Computing and Security, Geographical Information Systems, Approaches to Geography** and **Research Design and Methods**.

The fourth year involves a substantial project, in which students work individually on a geographical information system of interest to them; most projects are industry or research-related. Students also do a substantial geography dissertation. Taught courses include **Data Mining and Visualisation** and **Geographical Issues**.

#### Teaching and Assessment

All courses are supported by web-based material, usually including full course notes. Lectures in the first two years commonly include live computer demonstrations. Assessment is by a mixture of course work and examination.

#### Your Future

The employment record of our graduates is excellent, the vast majority entering occupations of their choice within three months of graduation.

### What You Need

**SOA Highers BBBB\***

**A Levels BBB\***

**IB 30 points, 5 at HL\***

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information.

**UCAS Code** see page 198

### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Geography and Computing.

### Can We Help?

**Email us:** [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

**Call us:** +44 (0)1224 272090/91

### Your Study Options

#### Joint Honours Programme

Geographical Information Systems

#### Related Honours Programmes in

BSc Business Information Systems, BSc Information Systems (both also available as MSci with Industrial Placement, see pages 175/176 for more information), BSc Geography, MA Information Systems and Management



#### Course Information

[www.abdn.ac.uk/ncs/computing](http://www.abdn.ac.uk/ncs/computing)

#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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[@aberdeenuin](https://twitter.com/aberdeenuin)



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**Geography** is the study of the earth's surface, with particular emphasis on the relationships between people and their environment. Few other subjects cover such a diversity of phenomena, combining elements of the natural sciences, the social sciences and the humanities.

#### Why Choose Aberdeen?

- Aberdeen is a great place to study Geography. The department ranks highly in student satisfaction surveys and the region's spectacular mountain and coastal areas provide perfect field sites for the study of geography. We have recently introduced a new geography curriculum designed to provide students with key skills and knowledge required by employers
- The curriculum enables students to study across the full range of the discipline, or to specialise in aspects of environmental, human or physical geography, according to their preferences
- Many courses in physical geography, including specialist Honours options, draw directly on the staff's own research into hydrology, glaciology and past environmental change
- Many courses in human geography, including specialist Honours options, draw directly on the staff's own research into development, contemporary environmental issues and urban-rural change

#### Degree Programme Structure and Content

##### First Year

Two core courses offer a broad introduction to the study of geography at an advanced level. Lectures cover key topics such as climate change, the behaviour of ice sheets, plate tectonics, natural hazards, water resources, ecological change, rural and urban development and poverty and sustainability. Lectures are supported by a programme of practical work that includes spreadsheet skills for data analysis, field sampling techniques, PowerPoint presentation skills and training in the writing and referencing techniques required for university-level study. We also encourage students to choose 'outside' courses – for example, in Geology, Archaeology, International Relations or Environmental Science – that complement their geographical interests.

##### Second Year

Four option courses are offered, of which students must choose at least three: **Physical Environments; Perspectives in Human Geography; Mapping & Monitoring the Environment; Environment & Society**. All students must also take **Skills & Techniques in Geosciences**, which includes a residential field trip.

##### Third and Fourth Year (Honours)

Core courses on **Approaches to Geography, Research Design & Methods** and **Geographical Issues** examine the subject's history, its key perspectives and techniques, and its contemporary relevance. Although compulsory, all of these courses offer a choice of lectures and coursework assessments that cover the full range of geography, so students are free to pursue their favourite aspects of the subject. Option courses at level 3 provide further training in practical aspects of physical and human geography (e.g. use of remote sensing and geographical information systems; statistical analysis of sediments, vegetation or census data) and associated concepts and topics (e.g. environmental change; places, regions and globalisation; environment and conservation). There is also a choice of international field trips. To complete their studies, Honours students produce a dissertation – an advanced, independent research project on a topic of their choice.

##### Teaching and Assessment

Courses are taught by a combination of lectures, workgroups and practical tasks tailored to the subject matter. For instance, lectures on research methods and group project planning meetings prepare students for field trips; workshops on advanced research techniques and one-on-one discussions with staff help students to design and carry out their dissertation. The assessment for most courses combines exams with coursework, such as one or more of an essay, an oral presentation, a project report or a 'real-world' simulation exercise.

It is also possible to study Geography combined with other social science and humanities subjects as an MA degree. See page 95 for more information.

##### Your Future

Studying Geography develops a range of transferable skills such as: critical thinking, research design and data analysis skills, proficiency in IT and the ability to communicate effectively in various formats. Geographers also acquire specialist knowledge of cultural, political, economic and environmental issues and the ability to evaluate these from different perspectives – local, national and international. Employers value these attributes and Aberdeen graduates enter a wide range of careers including: environmental management, conservation and planning, government agencies, business and commerce, and work involving technical skills such as surveying, GIS and remote sensing.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Geography at A.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

Single Honours Programme in Geography

Joint Honours Programmes with Archaeology, Geoscience

Related Honours Programme in Geographical Information Systems



#### Course Information

[www.abdn.ac.uk/geography](http://www.abdn.ac.uk/geography)

#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



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**Geology/Geology & Petroleum Geology** provides a knowledge of the way the Earth works and is vital to the understanding of the nature and origin of Earth Resources.

#### Why Choose Aberdeen?

- > **Aberdeen is the Energy Capital of Europe**
- > **Understanding geology is fundamental to the exploration for hydrocarbon resources and this is why we offer a Petroleum Geology degree at Aberdeen. However, before such specialism can be made, a basic knowledge of the way the Earth works is vital to the understanding of the nature and origin of Earth Resources**
- > **Aberdeen is ideally geographically located for the study of geology, having some world-class field sites close at hand which can be conveniently visited on day courses**
- > **Many past graduates continue to work in the city and links with industry are therefore very strong and employability second to none**

#### Degree Programme Structure and Content

##### First Year

Two core courses: **The Natural Environment through Geological Time** and **The Materials Forming our Dynamic Earth**. The first course considers the key themes relating to the evolution of the Earth over the past 4,500 million years, including: the Earth in the solar system; Internal structure and chemical composition of the Earth; Continents, oceans and plate tectonics; Formation and fill of sedimentary basins; Absolute and relative geological time (the fossil record and absolute dating); Geological maps and structures; Volcanism. The second examines the origin, physical and chemical characteristics of the rocks and minerals that make up the Earth.

##### Second Year

Four courses all of which are taken for Single and Joint Honours programmes. These are **Chemistry of the Earth, Paleontology, Introduction to Geophysics** and **Introduction to Field Geology** which is a six-day residential course on the Isle of Arran.

##### Third and Fourth Year (Honours)

Core courses relating to **Plate Tectonics, Earth Structure and Stratigraphy, Igneous and Metamorphic Petrology** are included along with **Petroleum Geology** which are core courses for the Geology and Petroleum Geology and Geoscience Single Honours degree programmes. Over the two Honours years, a total of three residential field courses (28 days), a number of day-long field exercises and an independent field-based project (28 days) emphasise the hands-on nature of the subject.

A number of elective courses can be chosen from a menu, depending on the interests of the student and programme for which they are studying.

#### Teaching and Assessment

Courses are taught by a combination of lectures, practical and field work tailored to the subject matter. All courses are supported by various online resources including online multiple choice tests at level 1 which give instant feedback.

Workshops on advanced research techniques and one-on-one discussions with staff help students to design and carry out Honours project work. The assessment for most courses combines exams with in-course assessment. In-course assessments are most commonly built around "real world" geological data sets which need to be manipulated and interpreted in order to solve geological problems.

Field courses are a particularly valuable forum for teaching and learning and form a compulsory part of the degree programmes at all levels including level 1.

The Department provides an attractive teaching and learning environment at the heart of the King's College Campus. The Department has a Registered Museum, comprising a large collection of rocks minerals and fossils, many of which are on public display.

#### Your Future

The vast majority of Aberdeen Geology and Petroleum Geology & Geoscience graduates find employment within the hydrocarbon or mineral exploration and exploitation sectors within a few months of graduating. Additionally, postgraduate specialised study is a popular pathway toward careers in the oil industry. Studying Geology also develops a range of transferable skills such as: critical thinking, research design and data analysis skills, proficiency in IT and the ability to communicate effectively in various formats which all enhance graduate employability.

#### What You Need

**SQA Highers BBBB\***

**A Levels BBB\***

**IB 30 points, 5 at HL\***

\*Including good performance in at least two Mathematics/Science subjects. See table on page 154 for more information.

**UCAS Code see page 198**

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Geology.

#### Can We Help?

**Email us: sras@abdn.ac.uk**

**Call us: +44 (0)1224 272090/91**

#### Your Study Options

##### Single Honours Programmes in

Geology, Geology and Petroleum Geology

##### MGeol Programme in

Geology

##### Joint Honours Programmes with

Archaeology (Geoscience only), Geography (Geoscience only), Physics\*

\*Joint Honours Geology and Physics - SQA Higher or GCE A Level or equivalent qualification in Mathematics and Physics are required.

##### Major-Minor Programme with

Physics\*

\*Physics with Geology - SQA Higher or GCE A Level or equivalent qualification in Mathematics and Physics are required.



#### Course Information

[www.abdn.ac.uk/geology](http://www.abdn.ac.uk/geology)

**General Information**

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)



[facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)



[@aberdeenuni](https://twitter.com/aberdeenuni)



See page 25 for information



See page 26 for information

#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



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**Physics** at Aberdeen offers a thoughtful balance between understanding basic principles of Physics and showing how physics can be applied to other areas of science.

#### Why Choose Aberdeen?

- › A modern modular degree structure with a broad syllabus and a wide range of degree choices
- › Long tradition of teaching physical sciences combined with modern facilities
- › Emphasis on generic skills useful in a wide range of careers
- › We also offer a broad-based, less mathematical degree in Physical Science that allows the combination of Physics courses with a wide choice of other subjects

#### Degree Programme Structure and Content

##### First Year

The **Physical Universe** gives an overview of some of the general aims and achievements of physics. You are also introduced to the power of the fundamental subjects of **Mechanics and Electricity & Magnetism**, and have practical work covering **Experimental Physics** and **Physical Computing**. The Mathematics component includes **Calculus** and **Algebra**. There is an option to do a course covering the fundamentals of **Astronomy and Meteorology**. You also have the option of taking one of the sixth century interdisciplinary courses recently developed under curriculum reform. If you're taking a combined degree such as Physics with Geology, Chemistry, Philosophy or a language, then you will take courses from these disciplines.

Honours Physical Science students do not need to take the Mathematics component.

##### Second Year

Our main programme concentrates on: **Dynamical Phenomena**, including oscillations and waves, **Light Science**, **Practical Optics** and **Digital Electronics** and an introduction to **Quantum Mechanics and Relativity**. You should take one advanced **Mathematics** course and have three courses on subjects of your own choice. Again, Honours Physical Science students have a wider choice, with no Mathematics.

##### Third and Fourth Year (Honours)

You will cover a mixture of fundamental topics, applied subjects and general interest areas such as **Astrophysics** and **Particle Physics**. We place particular emphasis on learning skills that professional scientists need to apply their knowledge. Students spend 25% of their final year on a supervised research and scholarship project involving physics or an area of application in health science, mathematics, geology, materials science, computation or another appropriate discipline.

##### Teaching and Assessment

Most topics involve some continuous assessment. The proportion of continuous assessment and project work increases through the four year Honours programme.

##### Your Future

Many graduates become professional scientists in industry, research institutes and universities. Physics graduates also use their quantitative and data analysis skills in a variety of different ways in industry and commerce. Many physics graduates command high salaries in the computing and financial sectors. In addition, there is a shortage of physics teachers in schools throughout the UK. In some specialist areas such as Meteorology, Biomedical Physics, Space Science, Remote Sensing, Geophysics and other physics related subjects, it is usual to study for an MSc degree to obtain further knowledge.

Many physics graduates may wish to obtain a PhD degree either in physics or a related area to provide additional skills that are valued by academic, industrial and commercial organisations.

#### What You Need

SOA Highers BBBB\*

A Levels BBB\*

IB 30 points, 5 at HL\*

\*SQA Higher or GCE A Level or equivalent qualification in Mathematics and Physics are required.

See table on page 154 for more information.

UCAS Code see page 198

#### Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL) with AB in Maths and Physics.

#### Can We Help?

Email us: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)

Call us: +44 (0)1224 272090/91

#### Your Study Options

**Single Honours Programmes in** Physics, Physical Science

#### MPhys Programme in

Physics with Complex Systems Modelling (MPhys). See page 155 for entry requirements.

#### Joint Honours Programme with

Geology, Philosophy, Mathematics

#### Major-Minor Programmes with

Chemistry, French, Gaelic Studies, Geology, German, Philosophy, Spanish

#### Related Honours Programmes in

MA Natural Philosophy

#### Professional Accreditation

All of the above Honours degree programmes have either full accreditation or recognition from the physicists' professional body, the *Institute of Physics*.



#### Course Information

[www.abdn.ac.uk/ncs/physics](http://www.abdn.ac.uk/ncs/physics)

#### General Information

[www.abdn.ac.uk/sras](http://www.abdn.ac.uk/sras)

[facebook.com/universityofaberdeen](https://www.facebook.com/universityofaberdeen)

@aberdeenuni

See page 25 for information

See page 26 for information

#### THE ABERDEEN DIFFERENCE

See page 14 for more information.



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# UCAS Course Codes

Arts and Social Sciences	UCAS Code
Accountancy	N400
Accountancy and Anthropology	LN64
Accountancy and Divinity	NV46
Accountancy and Economics	NL41
Accountancy and Finance	NN34
Accountancy and French	NR41
Accountancy and Geography	NL47
Accountancy and German	NR42
Accountancy and Hispanic Studies	NR44
Accountancy and Legal Studies	NM49
Accountancy and Management Studies	NN24
Accountancy and Philosophy	NV45
Accountancy and Real Estate	NK42
Accountancy and Sociology	NL43
Accountancy with Computing	N4G4
Accountancy with French	N4R1
Accountancy with German	N4R2
Anthropology	L600
Anthropology and Archaeology	LF64
Anthropology and Behavioural Studies	LC61
Anthropology and Celtic Civilisation	LQ65
Anthropology and Divinity	LVP6
Anthropology and Economics	LL61
Anthropology and English	LQ63
Anthropology and Film & Visual Culture	LW66
Anthropology and Finance	LN63
Anthropology and French (5 yrs)	LR61
Anthropology and French (4 yrs)	RL16
Anthropology and Gaelic Studies	LQ65
Anthropology and Geography	LL67
Anthropology and German (5 yrs)	LR62
Anthropology and German (4 yrs)	RL26
Anthropology and Hispanic Studies (5 yrs)	LR64
Anthropology and Hispanic Studies (4 yrs)	RL46
Anthropology and History	LV61
Anthropology and History of Art	LV6H
Anthropology and International Relations	LLP2
Anthropology and Language & Linguistics	LQ61
Anthropology and Legal Studies	LM69
Anthropology and Literature in a World Context	LQ62
Anthropology and Management Studies	LN62
Anthropology and Philosophy	LV65
Anthropology and Politics	LL62
Anthropology and Psychology	LC68
Anthropology and Religious Studies	LV66
Anthropology and Sociology	LL63
Applied Mathematics	G122
Archaeology	F421
Archaeology and Celtic Civilisation	FQ45
Archaeology and Geography	FF48
Archaeology and History	FV41
Archaeology and History of Art	FV43
Archaeology and Philosophy	FV45
Archaeology and Scandinavian Studies	FR46
Behavioural Studies	C801
Behavioural Studies and Philosophy	CV15
Behavioural Studies and Sociology	CL13
Behavioural Studies with French	C1R1
Behavioural Studies with Gaelic	CCQ5
Behavioural Studies with German	CCR2
Celtic Civilisation (3 yrs Non-Honours)	Q501
Celtic Civilisation and Divinity	QV5P
Celtic Civilisation and English	QQM3
Celtic Civilisation and French (5 yrs)	QR5C
Celtic Civilisation and French (4 yrs)	QRM1
Celtic Civilisation and Gaelic Studies	Q590
Celtic Civilisation and German (5 yrs)	QRM2
Celtic Civilisation and German (4 yrs)	ROF5
Celtic Civilisation and Hispanic Studies (5 yrs)	QRM4
Celtic Civilisation and Hispanic Studies (4 yrs)	QRN4
Celtic Civilisation and History	QVM1
Celtic Civilisation and History of Art	QVM3
Celtic Civilisation and Language & Linguistics	LQ6C
Celtic Civilisation and Literature in a World Context	VQ22
Celtic Civilisation and Philosophy	QV55
Celtic Civilisation and Religious Studies	QVM6
Celtic Civilisation and Scandinavian Studies	QR56

Celtic Civilisation and Sociology	LQ35
Celtic Studies	Q500
Celtic Studies and English	QO5H
Celtic Studies and French (5 yrs)	QR5D
Celtic Studies and French (4 yrs)	QRN1
Celtic Studies and Gaelic Studies	Q591
Celtic Studies and Scandinavian Studies	QR57
Computing	G402
Computing and Mathematics	GG41
Computing and Philosophy	GV45
Computing with Industrial Placement	G405
Divinity	V605
Divinity and Economics	VL61
Divinity and English	QVH6
Divinity and Film & Visual Culture	VW66
Divinity and Finance	NV36
Divinity and French	VRP1
Divinity and Gaelic Studies	QV56
Divinity and German	VRP2
Divinity and Hispanic Studies	VRP4
Divinity and History	VVC6
Divinity and History of Art	VVH6
Divinity and International Relations	LVF6
Divinity and Language & Linguistics	VQ61
Divinity and Legal Studies	MV96
Divinity and Literature in a World Context	VQ62
Divinity and Philosophy	VV65
Divinity and Politics	LVG6
Divinity and Sociology	LVJ6
Divinity with Music Studies	V6W3
Economics	L100
Economics and English	LQ13
Economics and Finance	LN13
Economics and French (5 yrs)	LR11
Economics and French (4 yrs)	RL11
Economics and Gaelic Studies	QL51
Economics and Geography	LL17
Economics and German (5 yrs)	LR12
Economics and German (4 yrs)	RL21
Economics and Hispanic Studies (5 yrs)	LR14
Economics and Hispanic Studies (4 yrs)	RL41
Economics and History	LV11
Economics and International Relations	LIC2
Economics and Legal Studies	LM19
Economics and Literature in a World Context	LQ12
Economics and Management Studies	LN2C
Economics and Mathematics	LG11
Economics and Philosophy	LV15
Economics and Politics	LL12
Economics and Real Estate	LK12
Economics and Psychology	LC18
Economics and Sociology	LL13
Economics with Computing	L1G4
English	Q300
English and Film & Visual Culture	QW36
English and Finance	NQ33
English and French (5 yrs)	QR31
English and French (4 yrs)	QR13
English and Gaelic Studies	QQ53
English and German (5 yrs)	QR32
English and German (4 yrs)	RO23
English and Hispanic Studies (5 yrs)	QR34
English and Hispanic Studies (4 yrs)	RO43
English and History	QV31
English and History of Art	QV33
English and International Relations	QL32
English and Language & Linguistics	QQ31
English and Legal Studies	MQ93
English and Literature in a World Context	QQ32
English and Management Studies	QN32
English and Philosophy	QV35
English and Politics	QL3F
English and Religious Studies	QV36
English and Scandinavian Studies	QR36
English and Scottish Literature	Q314
English and Sociology	QL33
English with Music Studies	Q3W3
European Studies	R900

Film and Visual Culture	W690
Film & Visual Culture and French (5 yrs)	WR6C
Film & Visual Culture and French (4 yrs)	WR6I
Film & Visual Culture and Gaelic Studies	QW56
Film & Visual Culture and German (5 yrs)	WR6F
Film & Visual Culture and German (4 yrs)	WR62
Film & Visual Culture and Hispanic Studies (5 yrs)	WR6K
Film & Visual Culture and Hispanic Studies (4 yrs)	WR64
Film & Visual Culture and History	WV61
Film & Visual Culture and History of Art	WV63
Film & Visual Culture and International Relations	WL62
Film & Visual Culture and Literature in a World Context	WQ62
Film & Visual Culture and Philosophy	WV65
Film & Visual Culture and Politics	WL6F
Film & Visual Culture and Religious Studies	WV66
Film & Visual Culture and Sociology	LW36
Finance	N300
Finance and French (5 yrs)	NR31
Finance and French (4 yrs)	RN13
Finance and Geography	LN73
Finance and German (5 yrs)	NR32
Finance and German (4 yrs)	RN23
Finance and Hispanic Studies (5 yrs)	RN43
Finance and Hispanic Studies (4 yrs)	RNK3
Finance and History	NV31
Finance and History of Art	NVH3
Finance and International Relations	NLH2
Finance and Legal Studies	NM31
Finance and Literature in a World Context	NQ32
Finance and Management Studies	NN32
Finance and Philosophy	NV35
Finance and Politics	NL32
Finance and Real Estate	NK32
Finance and Sociology	NL33
Finance with Computing	N3G4
French and Gaelic Studies	QR51
French and Geography	LR71
French and German	RR12
French and Hispanic Studies	RR14
French and History (5 yrs)	RV11
French and History (4 yrs)	VR11
French and History of Art (5 yrs)	RV13
French and History of Art (4 yrs)	VR31
French and International Relations (5 yrs)	RLC2
French and International Relations (4 yrs)	LRF1
French and Language & Linguistics (5 yrs)	RQ11
French and Language & Linguistics (4 yrs)	RQC1
French and Legal Studies (5 yrs)	MR91
French and Legal Studies (4 yrs)	MRX1
French and Literature in a World Context (5 yrs)	RQ12
French and Literature in a World Context (4 yrs)	RQ1F
French and Management Studies (5 yrs)	RN12
French and Management Studies (4 yrs)	RR21
French and Mathematics	RG11
French and Philosophy (5 yrs)	RV15
French and Philosophy (4 yrs)	VR51
French and Politics (5 yrs)	RL12
French and Politics (4 yrs)	LR21
French and Religious Studies (5 yrs)	VR61
French and Religious Studies (4 yrs)	RV16
French and Sociology (5 yrs)	RL13
French and Sociology (4 yrs)	RLC3
French Studies (5 yrs)	R120
French Studies (4 yrs)	R101
French with Music Studies (5 yrs)	R1W3
French with Music Studies (4 yrs)	R1WH
Gaelic Studies	Q530
Gaelic Studies and Geography	QL57
Gaelic Studies and German	QR52
Gaelic Studies and Hispanic Studies	QR54
Gaelic Studies and History	QV51
Gaelic Studies and History of Art	QV53
Gaelic Studies and Language & Linguistics	QO51
Gaelic Studies and Literature in a World Context	QO5F
Gaelic Studies and Management Studies	QN52
Gaelic Studies and Politics	QL52
Gaelic Studies and Religious Studies	VO65

Gaelic Studies and Scandinavian Studies	QR58
Gaelic Studies and Sociology	QL53
Geography	L700
Geography and German	LR72
Geography and Hispanic Studies	LR74
Geography and History	LV71
Geography and International Relations	LL72
Geography and Literature in a World Context	LO72
Geography and Management Studies	LN72
Geography and Sociology	LL73
German and Hispanic Studies	RR24
German and History (5 yrs)	RV21
German and History (4 yrs)	VR12
German and History of Art (5 yrs)	RV23
German and History of Art (4 yrs)	RV32
German and International Relations (5 yrs)	RLF2
German and International Relations (4 yrs)	IRF2
German and Language & Linguistics (5 yrs)	RQ21
German and Language & Linguistics (4 yrs)	RQF1
German and Legal Studies (5 yrs)	MR92
German and Legal Studies (4 yrs)	MRX2
German and Literature in a World Context (5 yrs)	RQ22
German and Literature in a World Context (4 yrs)	RQ2F
German and Management Studies (5 yrs)	RN22
German and Management Studies (4 yrs)	NR22
German and Mathematics	RG21
German and Philosophy (5 yrs)	RV25
German and Philosophy (4 yrs)	VR52
German and Politics (5 yrs)	RL22
German and Politics (4 yrs)	LR22
German and Religious Studies (5 yrs)	VR62
German and Religious Studies (4 yrs)	RV26
German and Sociology (5 yrs)	RL23
German and Sociology (4 yrs)	RLF3
German Studies (5 yrs)	R220
German Studies (4 yrs)	R201
German with Music Studies (5 yrs)	R2W3
German with Music Studies (4 yrs)	R2WH
Hispanic Studies (Latin America) (5 yrs)	T711
Hispanic Studies (Latin America) (4 yrs)	T701
Hispanic Studies (Spain) (5 yrs)	R410
Hispanic Studies (Spain) (4 yrs)	R401
Hispanic Studies and History (5 yrs)	RV41
Hispanic Studies and History (4 yrs)	VR14
Hispanic Studies and History of Art (5 yrs)	RV43
Hispanic Studies and History of Art (4 yrs)	VR34
Hispanic Studies and International Relations (5 yrs)	RLK2
Hispanic Studies and International Relations (4 yrs)	IRF4
Hispanic Studies and Language & Linguistics (5 yrs)	RQ41
Hispanic Studies and Language & Linguistics (4 yrs)	RQK1
Hispanic Studies and Legal Studies (5 yrs)	MR94
Hispanic Studies and Legal Studies (4 yrs)	MRX4
Hispanic Studies and Literature in a World Context (5 yrs)	RQ42
Hispanic Studies and Literature in a World Context (4 yrs)	RQ4F
Hispanic Studies and Management Studies (5 yrs)	RN42
Hispanic Studies and Management Studies (4 yrs)	NR24
Hispanic Studies and Mathematics	RG41
Hispanic Studies and Philosophy (5 yrs)	RV45
Hispanic Studies and Philosophy (4 yrs)	VR54
Hispanic Studies and Politics (5 yrs)	RL42
Hispanic Studies and Politics (4 yrs)	LR24
Hispanic Studies and Religious Studies (5 yrs)	VR64
Hispanic Studies and Religious Studies (4 yrs)	RV46
Hispanic Studies and Sociology (5 yrs)	RL43
Hispanic Studies and Sociology (4 yrs)	RLK3
Hispanic Studies with Music Studies (5 yrs)	R4W3
Hispanic Studies with Music Studies (4 yrs)	R4WH
History	V100
History and History of Art	VV13
History and International Relations	VL22
History and Language & Linguistics	VQ11
History and Legal Studies	VM12
History and Literature in a World Context	VQ12
History and Management Studies	NV21
History and Mathematics	VG11
History and Philosophy	VV15
History and Politics	VL12

History and Religious Studies	VV16
History and Sociology	VL13
History of Art	V350
History of Art and Language & Linguistics	VQ31
History of Art and Literature in a World Context	VQ32
History of Art and Philosophy	VV35
History of Art and Politics	VL32
History of Art and Religious Studies	VV36
History of Art with Music Studies	V3W3
History with Music Studies	V1W3
Information Systems and Management	GN52
International Relations and Language and Linguistics	LQ21
International Relations and Legal Studies	MLC2
International Relations and Literature in a World Context	LQ22
International Relations and Management Studies	INF2
International Relations and Philosophy	VLM2
International Relations and Religious Studies	VL62
International Relations and Sociology	LLF3
Language & Linguistics	Q190
Language & Linguistics and Literature in a World Context	QO12
Language & Linguistics and Philosophy	QV15
Language & Linguistics and Religious Studies	QV16
Language & Linguistics and Sociology	QL13
Languages and Literature of Scotland	QO52
Legal Studies and Management Studies	MN92
Legal Studies and Philosophy	VM51
Legal Studies and Politics	ML12
Legal Studies and Psychology	CM89
Legal Studies and Sociology	ML13
Literature in a World Context	Q200
Literature in a World Context and Management Studies	QN22
Literature in a World Context and Philosophy	QV25
Literature in a World Context and Politics	QL22
Literature in a World Context and Religious Studies	QV26
Literature in a World Context and Sociology	QL23
MA (Ordinary Degree Non-Honours)	Y001
Management and Real Estate	K438
Management Studies	N200
Management Studies and Mathematics	GN12
Management Studies and Philosophy	NV25
Management Studies and Politics	LN22
Management Studies and Psychology	CN28
Management Studies and Sociology	LN32
Management Studies with Computing	N2G4
Mathematics	G102
Mathematics and Philosophy	GV15
Mathematics and Physics	GF13
Mathematics and Sociology	GL13
Mathematics with Computing	G1G4
Mathematics with Gaelic	G1Q8
Mental Philosophy	V500
Natural Philosophy	F301
Philosophy and Physics	VF53
Philosophy and Politics	VL52
Philosophy and Psychology	VC58
Philosophy and Religious Studies	VV56
Philosophy and Sociology	VL53
Philosophy with Music Studies	V5W3
Politics and International Relations	L240
Politics and Religious Studies	LV26
Politics and Sociology	LL23
Psychology	C802
Psychology and Sociology	LC38
Psychology with French	C8RC
Psychology with Gaelic	C8QM
Psychology with German	C8RF
Real Estate	K437
Religious Studies	V601
Religious Studies and Sociology	LV36
Religious Studies with Music Studies	V6WH
Scottish Archaeology	V405
Scottish Cultural Studies	V2L3
Scottish Studies	V210
Sociology	L300

**Divinity & Theology UCAS Code**

Divinity	V600
Theology	V612
For MA Divinity & MA Religious Studies, see Arts and Social Sciences UCAS codes.	

**Education UCAS Code**

Primary Education	X120
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**Music UCAS Code**

Music	W300
Music and Communities	W390
Music Education	XW13

**Engineering UCAS Code**

BEng International Foundation (Engineering)	H101
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**MEng**

Chemical Engineering	H810
Civil and Environmental Engineering with European Studies	H256
Civil and Structural Engineering with European Studies	H226
Civil and Environmental Engineering	H255
Civil and Structural Engineering	H225
Civil Engineering (5 yrs)	H205
Electrical and Electronic Engineering	H605
Electrical and Electronic Engineering with European Studies	H606
Engineering (5 yrs)	H104
Mechanical and Electrical Engineering	HHH6
Mechanical Engineering	H305
Mechanical Engineering with European Studies	H306
Mechanical Engineering with Management	H3N2
Petroleum Engineering	H850

**BEng**

Chemical Engineering	H813
Engineering	H100
Engineering (Civil and Environmental)	H220
Engineering (Civil and Structural)	H221
Engineering (Civil with European Studies)	H202
Engineering (Civil)	H200
Engineering (Electrical and Electronic with European Studies)	H602
Engineering (Electrical and Electronic)	H620
Engineering (Mechanical and Electrical)	HHH6
Engineering (Mechanical with European Studies)	H302
Engineering (Mechanical with Oil and Gas Studies)	H3H8
Engineering (Mechanical)	H300
Petroleum Engineering	H851

**BSc Eng**

Engineering (Civil)	H201
Engineering (Electrical)	H601
Engineering (Electronic)	H604
Engineering (General)	H102
Engineering (Mechanical)	H301

**Law UCAS Code**

Law	M114
Law - Accelerated (Graduates only)	M115
Law with Belgian Law	M120
Law with European Legal Studies	M127
Law with French Law	M121
Law with German Law	M123
Law with Spanish Law	M126
Law with options in Accountancy	M1N4
Law with options in Economics	M1L1
Law with options in French	M125
Law with options in Gaelic Language	M128
Law with options in German	M124
Law with options in Management Studies	M1N2
Law with options in Music	M1W3
Law with options in Spanish	M122

**Medicine UCAS Code**

Dental Surgery (Graduates only)	A201
Medicine	A100

# UCAS Course Codes

## Sciences UCAS Code

International Foundation (Biological Sciences)	C990
International Foundation (Chemistry)	F10G
International Foundation (Computing Science)	I100
International Foundation (Mathematics)	G101
International Foundation (Medical Sciences)	B90A
International Foundation (Psychology)	C80A
Applied Mathematics	G120
Artificial Intelligence	G700
Artificial Intelligence with Industrial Placement	G701
Behavioural Studies	C803
Behavioural Studies and Computing Science	CG84
Behavioural Studies with French	CCR1
Behavioural Studies with Gaelic	CIQ5
Behavioural Studies with German	CI R2
Business Information Systems	G501
Business Information Systems with Industrial Placement	G502
Computing and E-Business	GN41
Computing Science	G400
Computing Science and Mathematics	GGK1
Computing Science and Philosophy	GV4M
Computing Science and Psychology	GC48
Computing Science with French	G4R1
Computing Science with French with Industrial Placement	G4RC
Computing Science with Industrial Placement	G401
Computing Science with Spanish	G4R4
Computing Science with Spanish with Industrial Placement	G4RK
Information Systems	G503
Information Systems with Industrial Placement	G504
Mathematics	G100
Mathematics and Engineering Mathematics	G190
Mathematics and Physics	FG31
Mathematics with French	G1R1
Mathematics with Gaelic	G1Q5
Mathematics with German	G1R2
Mathematics with Spanish	G1R4
Psychology	C800
Psychology with French	C8R1
Psychology with Gaelic	C8QN
Psychology with German	C8R2

## Life Sciences

Animal Ecology	C302
Biological Sciences	C900
Biology	C100
Conservation Biology	C161
Ecology	D430
Environmental Science	F900
Environmental Science (Physical Science)	F902
Forest Sciences	D520
Forestry	D500
Marine Biology	C350
Plant and Soil Science	CD27
Wildlife Management	D446
Zoology	C300

## Medical Sciences

Biochemistry	C700
Biochemistry (Immunology)	C7C9
Biochemistry (Immunology) with Industrial Placement	C7CX
Biochemistry with Industrial Placement	C701
Biomedical Science (Anatomy)	B9BC
Biomedical Science (Anatomy) with Industrial Placement	B9BD
Biomedical Science (Developmental Biology)	B9C1
Biomedical Science (Developmental Biology) with Industrial Placement	B9CC
Biomedical Science (Molecular Biology)	B9C7
Biomedical Science (Molecular Biology) with Industrial Placement	B9CR
Biomedical Science (Pharmacology)	B9B2
Biomedical Science (Pharmacology) with Industrial Placement	B9BF
Biomedical Science (Physiology)	B9B1

Biomedical Science (Physiology) with Industrial Placement	B9BA
Biotechnology (Applied Molecular Biology)	J700
Biotechnology (Applied Molecular Biology) with Industrial Placement	J701
Genetics	C400
Genetics (Immunology)	C450
Genetics (Immunology) with Industrial Placement	C451
Genetics with Industrial Placement	C401
Human Embryology and Developmental Biology	CC71
Human Embryology and Developmental Biology with Industrial Placement	CC7C
Immunology	C552
Immunology and Pharmacology	BC25
Immunology and Pharmacology with Industrial Placement	BC2M
Immunology with Industrial Placement	C550
Microbiology	C500
Microbiology with Industrial Placement	C501
Molecular Biology	CC74
Molecular Biology with Industrial Placement	CC47
Molecular Microbiology	C530
Molecular Microbiology with Industrial Placement	C551
Neuroscience with Psychology	B170
Neuroscience with Psychology with Industrial Placement	B1C8
Pharmacology	B210
Pharmacology with Industrial Placement	B211
Physiology	B120
Physiology with Industrial Placement	B121
Sports and Exercise Science	C600
Sports and Exercise Science with Industrial Placement	C602
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Sports Studies (Exercise and Health) with Industrial Placement	C601

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Archaeology and Geography	FF4V
Archaeology and Geoscience	FF46
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Biomedical Materials Chemistry (MChem)	C720
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Chemistry (MChem)	F105
Chemistry for Offshore Industry	F111
Chemistry for Offshore Industry (MChem)	F110
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Chemistry with Management Studies	F1N2
Chemistry with Mathematics	F1G1
Chemistry with Modern Languages (MChem)	F1R9
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Geology and Physics	FF63
Geology	F610
Geology (MGeol)	F600
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Medicinal Chemistry (MChem)	F152
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Physics	F300
Physics with Chemistry	F3F1
Physics with Complex Systems Modelling (MPhys)	F390
Physics with French	F3R1
Physics with Gaelic	F3Q5
Physics with Geology	F3F6
Physics with German	F3R2
Physics with Philosophy	F3V5
Physics with Spanish	F3R4

## International Foundation Programmes (Science)

International Foundation (Biological Sciences)	C990
International Foundation (Chemistry)	F10G
International Foundation (Computing Science)	I100
International Foundation (Mathematics)	G101
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# Who's Who & Acknowledgements

## Who's Who

### Chancellor

Lord Wilson of Tillyorn, KT, GCMG, FRSE

### Principal and Vice-Chancellor

Professor Ian Diamond

### Senior Vice-Principal

Professor Stephen Logan

### Vice-Principal, Internationalisation

Professor Dominic Houlihan OBE

### Vice-Principal and Head of the College of Arts and Social Sciences

Professor Margaret Ross

### Vice-Principal and Head of the College of Life Sciences and Medicine

Professor Michael Greaves

### Vice-Principal and Head of the College of Physical Sciences

Professor Bryan MacGregor

### Vice-Principal and Director of the Rowett Institute of Nutrition and Health

Professor Peter Morgan

### Vice-Principal for Learning and Teaching

Professor Peter McGeorge

### Vice-Principals for Research and Knowledge Exchange

Professor Phil Hannaford

Professor Claire Wallace

### Vice-Principal for External Affairs

Professor Albert Rodger

### Vice-Principal for Development

Professor Neva Haites OBE

### Secretary to the University

Mr Steve Cannon

### Rector

Dr Maitland Mackie

## Alumni Relations

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### The Alumni Relations Office

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