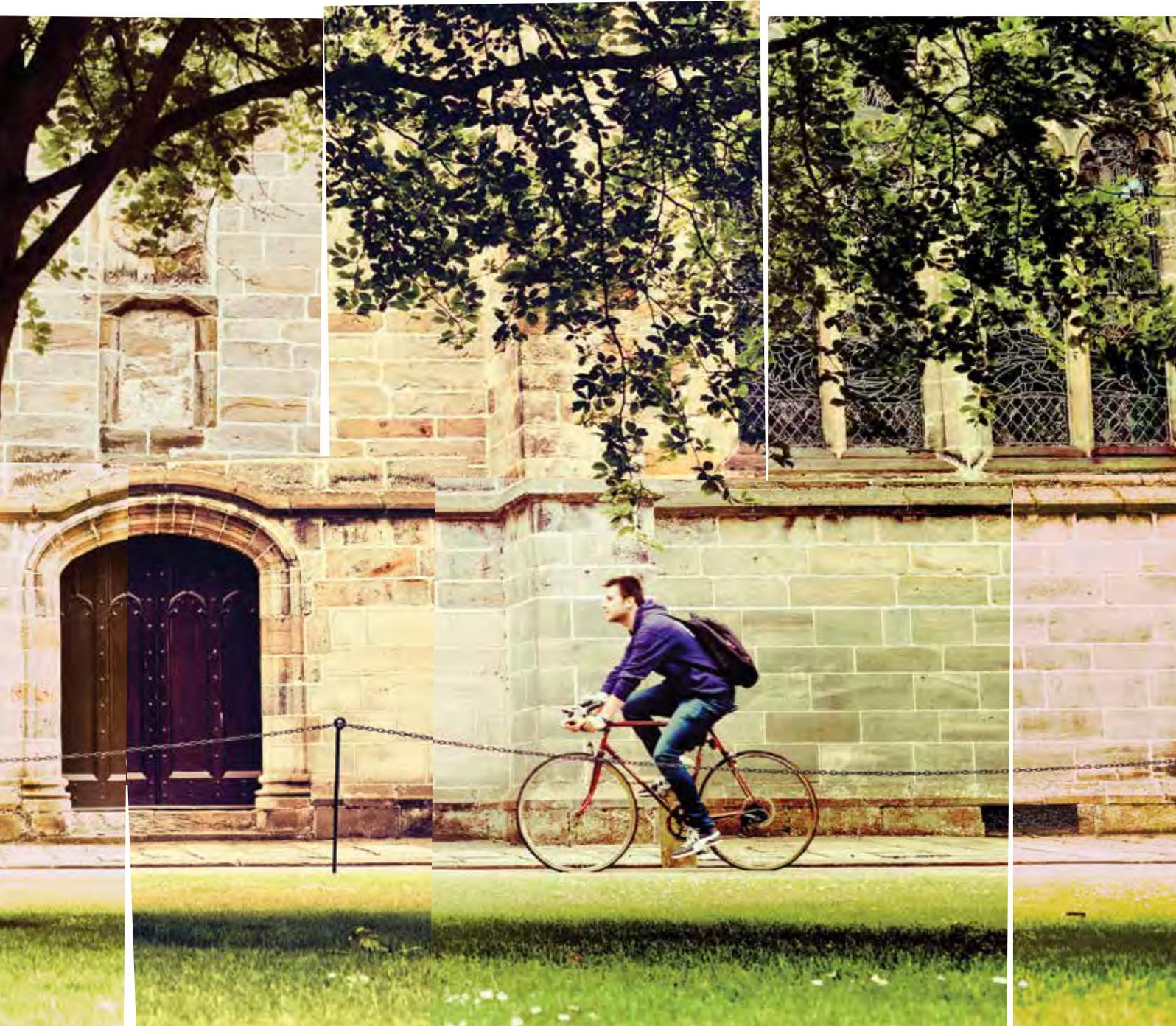


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UNIVERSITY  
OF ABERDEEN

# Undergraduate Prospectus 2016



Estd.  
1495



# Our Principal



Welcome to the University of Aberdeen's Undergraduate Prospectus for 2016.



At Aberdeen, we understand that finding the right university for you can be a difficult decision to make. Whether you already know what you hope to study, or simply want to find out more about what student life is all about, we hope this prospectus will help you make the best decision.

Aberdeen is the 5th oldest university in the UK and a lot has changed here over the last 500 years to secure our position as a leading international learning centre of the 21st Century, ranked among the world's best universities. However, from 1495 to today, one thing has remained a constant here in the University: the offering of life changing opportunities for all of our students.

We work hard to help our students fulfil their potential and to make an impact on the world – it's what we do best. You don't just have to take our word for it – Aberdeen graduates are found the world over and their achievements speak for themselves. You can find some of their stories in this prospectus.

We care about our students, and so from our flexible course options and our exciting curriculum to our new learning facilities and even our newest sports and recreational centre – the Olympic standard Aberdeen Sports Village and Aquatics Centre - we hope that Aberdeen can provide you with the inspirational student experience that you are looking for.

**Professor Sir Ian Diamond FBA FRSE FACSS**  
Principal and Vice-Chancellor

<b>Arts &amp; Social Sciences</b>	<b>80</b>
<b>Music</b>	<b>120</b>
<b>Divinity &amp; Theology</b>	<b>124</b>
<b>Education</b>	<b>128</b>
<b>Engineering</b>	<b>132</b>
<b>Law</b>	<b>138</b>
<b>Medicine &amp; Dentistry</b>	<b>144</b>
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## Term Dates

For details on term dates visit [www.abdn.ac.uk/students/term-dates](http://www.abdn.ac.uk/students/term-dates)

## Key to Icons

- Website Address
- Study Abroad Opportunities
- Financial Information

## Connect with Us

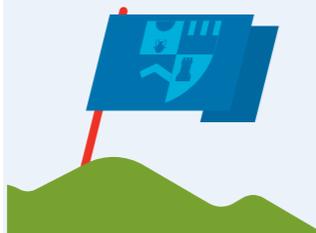
- /universityofaberdeen
- @aberdeenuni
- pinterest.com/aberdeenuni
- youtube.com/uniofaberdeen

# The University at a Glance

Ranked in world **TOP 1%\***



Founded in 1495



14,500 Students



120 nationalities



Over 150 sports clubs and societies



Over 75%<sup>†</sup>

of our research is classified as world leading or internationally excellent



Olympic Standard Sports Village and Aquatics Centre



Over 440 first degree programmes



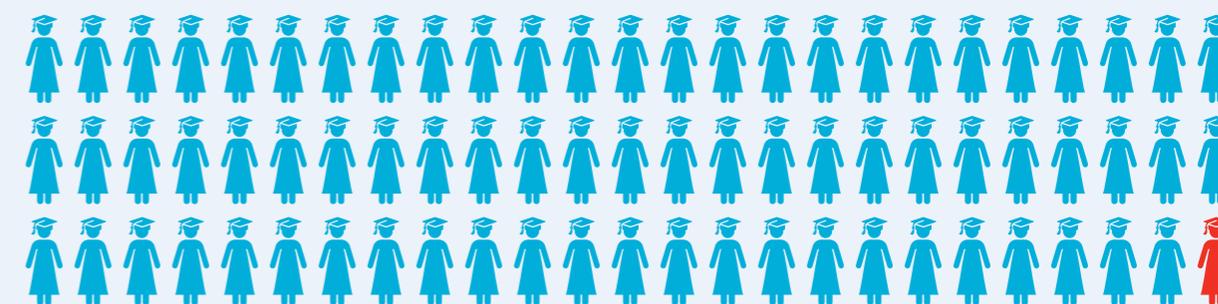
One of the **largest** wireless campuses in Europe



In excess of **£280 million** investment



**96%** of graduates enter directly into work, further study or training within 6 months



Five Nobel Prizes



Teaching Gaelic courses since the 18th Century

Hello  
Halò

\*Based on QS world rankings

†In line with the 2014 Research Excellence Framework (REF) results

# LECTURE IN PROGRESS

## What you can study



> Accountancy	84	> Chemistry	165	> Environmental Humanities	95	> Human Embryology and Developmental Biology	177	> Microbiology	182	> Psychology (BSc)	189
> Anthropology	85	> Chemistry (MChem)	166	> European Legal Studies	138	> Immunology	178	> Molecular Biology	183	> Psychology (MA)	115
> Applied Mathematics (BSc)	181	> Childhood Practice (BACP)	77	> European Studies	96	> Industrial Placements/ MSci degrees	155	> Music Studies (MA)	111	> Real Estate	116
> Archaeology (BSc)	158	> Christian and Religious Studies	76	> Exercise and Health Science	171	> Information Systems & Business Management	179	> Music	120	> Religious Studies	117
> Archaeology (MA)	86	> Civil Engineering	132	> Film and Visual Culture	97	> International Relations	114	> Natural Philosophy (Physics)	112	> Science Programme (Part-time)	76
> BA Degrees	77	> Computing (MA)	91	> Finance	98	> Language & Linguistics	106	> Neuroscience with Psychology	184	> Scottish Studies	118
> Behavioural Studies (BSc)	159	> Computing Science (BSc)	167	> Forest Sciences	172	> Languages and Literature of Scotland	107	> Petroleum Engineering	132	> Social Sciences	80
> Behavioural Studies (MA)	87	> Conservation Biology	168	> Forestry	173	> Latin-American Studies, see Hispanic Studies	103	> Petroleum Geology	176	> Sociology	119
> Biobusiness Options	155	> Counselling Skills	76	> French Law	138	> Law	138	> Pharmacology	185	> Spanish, see Hispanic Studies	103
> Biochemistry	160	> Dentistry	150	> French	99	> Legal Studies	108	> Philosophy	113	> Spanish Law	138
> Biological Sciences	161	> Divinity and Theology	124	> Gaelic Studies	100	> Literature in a World Context	109	> Physics	186	> Sports & Exercise Science	190
> Biology	162	> Divinity (MA)	92	> Genetics	174	> Marine Biology	180	> Physics with Complex Systems Modelling (MPhys)	186	> Teaching Qualification TQ(FE)	77
> Biomedical Science	163	> Ecology	169	> Geography (BSc)	175	> Mathematics (BSc)	181	> Physiology	187	> Theology	124
> Biotechnology	164	> Economics	93	> Geography (MA)	101	> Mathematics (MA)	110	> Plant & Soil Science	188	> Zoology	191
> Business Law, see Law	138	> Education (Primary)	130	> Geology and Petroleum Geology	176	> Mechanical Engineering	132	> Politics	114		
> Business Management	88	> Electrical Engineering	132	> German	102	> Medicine	144	> Politics & International Relations	114		
> Business Management & Information Systems	89	> Electronic Engineering	132	> German Law	138			> Primary Education	130		
> Celtic & Anglo-Saxon Studies	90	> English	94	> German Law	138			> Professional Development (BAPD)	77		
> Chemical Engineering	132	> English and Scottish Literature	94	> Hispanic Studies	103						
		> Environmental Science	170	> History	104						
				> History of Art	105						

# Investing in your Future for over 500 Years

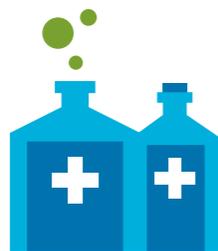
**1495**

The King's College is founded by William Elphinstone, Bishop of Aberdeen and Chancellor of Scotland.



**1497**

The University establishes the first chair of medicine in the English-speaking world.



**1651**

The Cromwell Tower was built, and student numbers increase to 70.



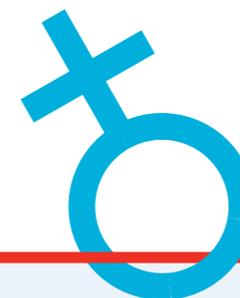
**1860**

King's College (founded in 1495) and Marischal College (founded in 1593) merge to form the University of Aberdeen, under the Universities (Scotland) Act of 1858.



**1892**

The University opens all facilities to women.



**1913**

The Rowett Institute of Nutrition and Health is founded.



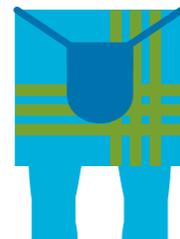
**1999**

The University launches an ambitious fundraising campaign with the aim of raising £150 million to mark the start of the University's sixth century of existence - and achieves it!



**1992**

A University of Aberdeen tartan is designed by the Weavers Incorporation of Aberdeen and Harry Lindley to mark the quincentennial of the University.



**1989**

The Aberdeen Geology Association is established to preserve and promote the tradition of geoscience excellence at Aberdeen.



**1973**

Our MSc Integrated Petroleum Geoscience programme is first launched due to a demand from industry.



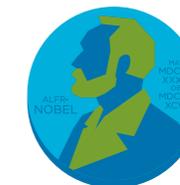
**1934**

The Gaudie, the oldest independent student newspaper in Scotland, is established. Covering news, arts, style, sport and much more.



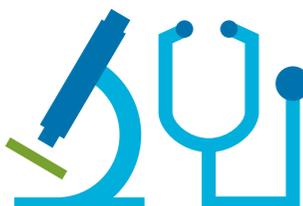
**1921**

The first of five Nobel Prizes is awarded to Frederick Soddy, Professor of Chemistry at the University of Aberdeen from 1914-1919, for his work on radioactivity and isotopes.



**2003**

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.



**2004**

The University launches a £9 million investment programme to appoint exceptional academics to the University.



**2006**

An £8 million renovation project sees the enhancement of student facilities on campus. 'The Hub' boosts a superb range of services, including dining, retail and drop-in centres for the student community.



**2009**

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.



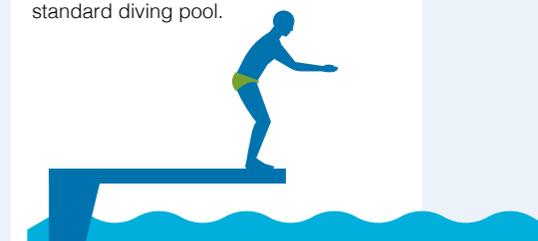
**2011**

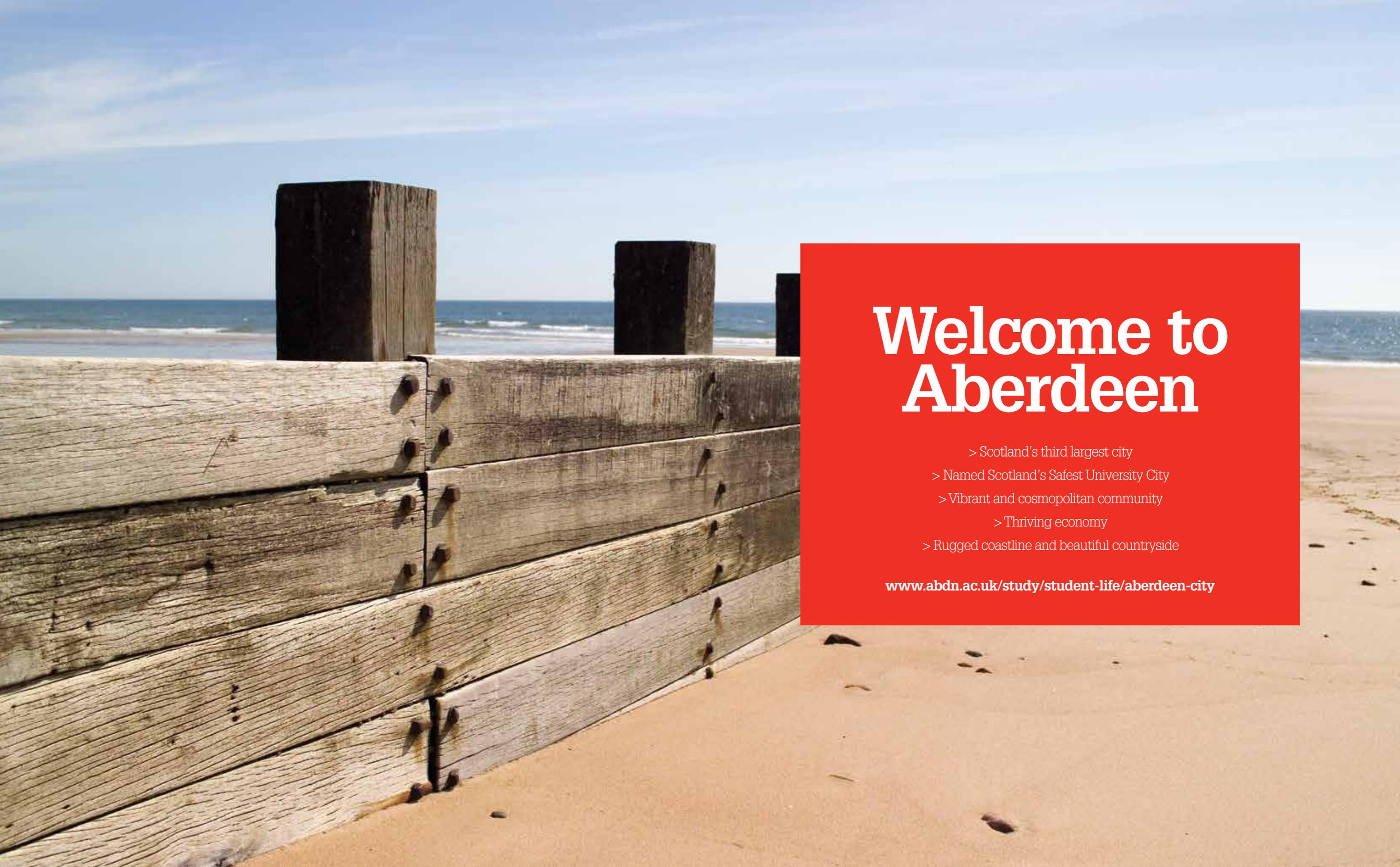
The University's £57 million Sir Duncan Rice Library opens to students and the wider community. The library is established as a major intellectual and cultural learning centre for students in the 21st century.



**2014**

The new Aquatics Centre opens. The world-class facility includes a 50 metre, 10 lane Olympic standard swimming pool and an international standard diving pool.





# Welcome to Aberdeen

- > Scotland's third largest city
- > Named Scotland's Safest University City
- > Vibrant and cosmopolitan community
- > Thriving economy
- > Rugged coastline and beautiful countryside

[www.abdn.ac.uk/study/student-life/aberdeen-city](http://www.abdn.ac.uk/study/student-life/aberdeen-city)



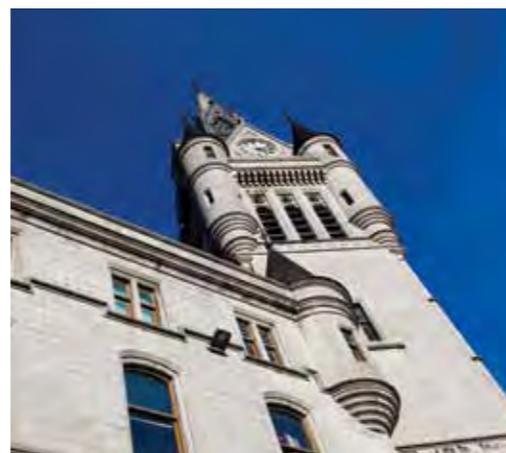
There are loads of great cafes and restaurants in Aberdeen. I also really enjoy shopping in the city centre, especially at the Union Square shopping centre.

Assiya  
BEng Mechanical Engineering



Aberdeen is a great hub. You can visit stone circles, castles, whisky distilleries and much more. And Stonehaven is really close, it's beautiful – the coolest little Scottish village on the cliffs.

Allison  
MA Politics and International Relations



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.

Teresa  
BSc Biotechnology

The music scene has a great range of genres and styles, played by local artists and an ever increasing number of national and international bands are adding Aberdeen to their touring schedules.

Hugh  
BSc Geology



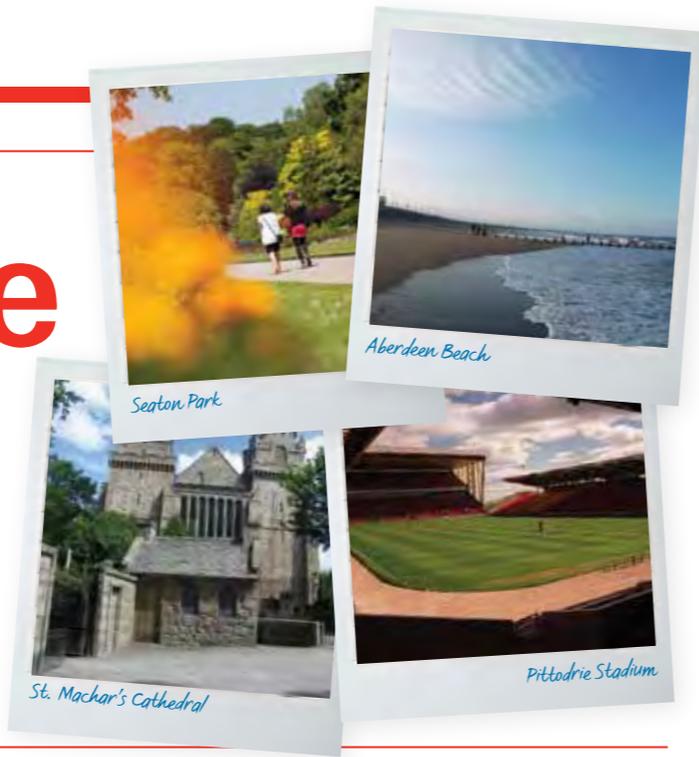
There are always events taking place in Aberdeen from Opera to traditional Scottish music, and the Kooks to Pantomimes. There are also arts events held around the city which bring the community together.

Kenna  
BMedSci Medicine



# City Guide

Welcome to Aberdeen – a vibrant, creative and ambitious city famed for its historic charm, a thriving economy and cosmopolitan community. Aberdeen, Scotland's third largest city, is home to over 220,000 people who use this vibrant city for work, leisure and play.



Based in the heart of one of the most dynamic and beautiful regions of the UK, Aberdeen really has something for everyone – in a matter of minutes you can find yourself travelling from the bustling city centre of Europe's Energy Capital to touring through awe-inspiring countryside and coastlines.

In recent years, Aberdeen has been ranked as Scotland's safest University City<sup>1</sup>, the happiest city to live<sup>2</sup>, and even one of Scotland's sunniest cities!<sup>3</sup> The city has more sunshine than Birmingham, and just about as much as London – throughout the summer months it never really gets dark, with the sun not setting until after 11pm and rising before 4am. And don't let rumours of cold and rainy days put you off – Aberdeen is right in the centre of the driest region in Scotland!

Aberdeen is famous for being a global energy hub, but there's even more to our Silver City to discover. We have been ranked as Scotland's Best City to Live and Work in Scotland - and the Second in the UK<sup>4</sup>, and one of the happiest places to live in Britain.<sup>1</sup>

Aberdeen is famed for its low unemployment rates and higher than average wages, with our graduates earning some of the best starting salaries in the UK.

Students describe Aberdeen as having an unrivalled social scene, which caters for tastes in arts, culture, leisure and entertainment. The city is big enough for the "big city" experience, but also compact enough to make it easy to find your way around and make friends.

### Culture and Entertainment

With a student population of over 50,000, Aberdeen has plenty to offer in the way of

entertainment. From art galleries and theatres to museums and libraries, Aberdeen is a hidden gem of culture right in the heart of North East Scotland. Aberdeen's rich and diverse exhibitions, collections and programmes are some of the most varied in the UK, and can guarantee there is always something new for visitors to see.

Aberdeen Art Gallery is one of the city's main tourist attractions, containing one of the finest art collections in Britain, with paintings and sculpture dating from the 15th Century to today. The Gallery showcases an exciting programme of exhibitions and displays throughout the year, which complements its permanent collection of paintings, sculpture, ceramics and costume. The Gallery's own collection of contemporary art is regarded as one of the best in the country due to its impressive collection of British 20th century art.

If you're more of a performing arts person, the city hosts a huge array of productions throughout the year. His Majesty's Theatre and the Music Hall stage hundreds of performances each year, from ballet, opera and drama to contemporary dance, comedy and musicals.

The Aberdeen Student Show also forms a huge part of the Aberdeen University Student Association (AUSA) Charities Campaign. The show is a long standing tradition in the North East of Scotland and has been running for nearly 100 years. The show often parodies well-known titles from the world of film, theatre and literature, and is the only show of its kind in the UK. Over the years, the show has raised hundreds of thousands of pounds for local charities – something the University is incredibly proud to be part of!

### Nightlife

Aberdeen is famed for having a nightlife that is second to none. The huge variety of pubs and clubs range from nightclubs, to cosy, old world pubs full of atmosphere. For committed clubbers there is a whole host of dance floors in and around the city centre, serving up sounds of hip hop, dance, chart classics, indie, rock, Latin beats, soul, cheesy pop and lots more. And for those that prefer a quiet drink and good conversation, there is a multitude of different settings for you to relax in, from wine bars and jazz clubs to cosy café bars and student hang-outs.

### Eating Out

As any great multicultural city should be, Aberdeen is passionate about food – and eating it! The city has a huge variety of restaurants and cafés to choose from, including Italian, French, Chinese, Indian, Thai, Greek and Turkish fare, among others.

Of course it's not just what you eat, but where you eat that counts. Aberdeen has plenty of comfy bars for pub grub, intimate bistros, restaurants that boast art galleries and views of the sea and up-market eateries.

### Shopping

Aberdeen has everything a city in the UK should have and more. You'll find all major supermarket and retail chains here as well as four large city-centre shopping malls. 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.



**University of Aberdeen**

**Aberdeen Sports Village and Aquatics Centre**  
For beginners and athletes alike, come along and try out our latest facilities.

**Take in some football**  
Watch a football match at Aberdeen FC's home ground (Pittodrie Stadium)

**Need some retail therapy?**  
Try the Bon Accord Shopping Centre

**Want to study outdoors?**  
Soak up some sun at Union Terrace Gardens

**Pubs and clubs**  
Head to areas around Belmont Street

**Miles of style**  
Union St is Aberdeen's main shopping street

**Shop, eat and watch**  
Check out Union Square for the latest in retail, eateries and a cinema

## Fast Facts

- > Aberdeen has been consistently ranked as one of the best cities to live and work in the UK.
- > Although known as the Granite City, over a quarter of the land in Aberdeen consists of open space, including parks and gardens. The city has won 'Britain in Bloom' a record-breaking ten times.
- > 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 locals' 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'.

<sup>1</sup>The Complete University Guide <sup>2</sup>The Guardian <sup>3</sup>The BBC / The Independent  
<sup>4</sup>PwC Good Growth for Cities Index <sup>1</sup>BBC

# Discover, Experience, Enjoy

There's an endless list of attractions and activities to be found in and around Aberdeen. Whether you enjoy the bustle of a cosmopolitan city, or prefer to spend your time adrenaline seeking in the outdoors, there's something for everyone.



Many of our students enjoy exploring the city centre, whilst others spend hours – even whole weekends – hiking across the rugged coastline, sandy beaches, and miles of rolling hills which are a stone's throw away from the city itself. From walks along the beach to the ancient beauty of castles and historic landmarks, it's all right on our doorstep!

## Explore

Only a short walk from campus leads you to the salt-tangled air of the North Sea and miles and miles of sandy beach, perfect for surfing, kite flying or sandcastle building. If you prefer, visit the funfair and take a ride on the ferris wheel, or just tuck into some ice cream while wave watching at one of the beachfront cafes.

A stroll down to the end of the promenade takes you to the picturesque village of Footdee (pronounced 'Fittie'). This small fishing village, dating back to medieval times, is a warren of tiny lanes, small granite cottages, brightly painted sheds, overflowing plants pots and garden gnomes aplenty!

Whilst you're down here, why not take a look out for dolphins - Aberdeen's harbour mouth is one of the best locations in Scotland for spotting dolphins from the shores.



## Adventure

Ideally located between the mountains and the sea, Aberdeen is an outdoor adventurer's dream! You could be surfing in the morning before lectures and then skiing, snowboarding or hill walking in the afternoon.

Aberdeen has its very own world class snow sports centre based in the city, and three of Scotland's five main ski centres are less than two hours from campus. Aviemore, the Cairngorm Mountains, Glenshee and The Lecht provide perfect pistes for board-riders and alpine skiers alike.

Scotland's diverse countryside offers plenty of hill walking and trekking opportunities, from short scenic walks to more demanding but spectacular hikes.

Fifteen miles south of campus, the historic fishing port of Stonehaven has an attractive cliff fringed harbour. Not only is it picturesque, but perfect for you rock-climbing enthusiasts.



The University has many clubs and societies, from canoeing to sailing, mountain biking to snowboarding and skiing. Check out the Students' Association website for more details on what you can get involved in:

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

## History

There are many places of interest surrounding Aberdeen, including The Balmoral Estate, the Royal family's holiday home since the 19th Century, situated on the beautiful Royal Deeside.

The gloriously crumbling Dunnottar Castle, nominated as Scotland's entry to the 8th Wonder of the World Competition, lies just south of Aberdeen. It's so picturesque Franco Zeffirelli filmed Hamlet with Mel Gibson here.

Close by are famous whisky distilleries, elegant stately homes, over 300 ancient castles and many other sites of historic interest. There's so much to see and do, and it's all waiting for you!



## Visit Aberdeen:

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

## Visit Scotland:

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

## National Trust Scotland:

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

## Skiing in Scotland:

[ski.visitscotland.com](http://ski.visitscotland.com)

## Walks in Scotland:

[www.walkhighlands.co.uk/aberdeenshire](http://www.walkhighlands.co.uk/aberdeenshire)

Mar.

**Aberdeen Jazz Festival**

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.

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

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

There is a friendly rivalry with 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!

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

Apr.

**Student Show**

The Student Show has been running for nearly 100 years, putting on 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.

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

**Torcher Parade**

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

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

May.

**The University of Aberdeen May Festival**

The May Festival showcases the many strengths of the University with events spanning science, music, literature, film, Gaelic, and food and nutrition. In its second year, the May festival has grown and continued its success with over 9500 visitor interactions taking place. Sold-out events, glorious weather and bustling crowds made for a great atmosphere - 2014 set the bar high for future years!

[abdn.ac.uk/mayfestival](http://abdn.ac.uk/mayfestival)

**The Big Beach Ball**

A fantastic one-day music festival at the historic Aberdeen Beach Ballroom. International artists, world renowned DJs, the cream of Scottish bands, vintage clothing market and much more.

[thebigbeachball.co.uk](http://thebigbeachball.co.uk)

Jun.

**Stonehaven Midsummer Beer Happening**

Building from the Stonehaven Real Ale Festival, this event is a homecoming for Scottish beers. A celebration of Scottish real ales, with a brew from every brewery in Scotland and beers from real ale to craft, homegrown to further afield. Along with this there is great music, entertainment, fine food and a friendly atmosphere. Already a highlight of the Stonehaven calendar, come along and see what the fuss is about.

[msbh.co.uk](http://msbh.co.uk)

**The Royal Highland Show**

A very Scottish affair with pipe bands, tossing the caber, highland dancing and traditional music. A must for anyone wanting to experience some authentic Scottish culture.

[royalhighlandshow.org](http://royalhighlandshow.org)

**Aberdeen Kilt Walk**

With 4000 participants expected to cover either 8 or 26 miles while wearing a kilt, this is an event not to be missed. The Kiltwalk is a unique Scottish charity that brings together some of the nation's best-loved children's charities.

[thekiltwalk.co.uk](http://thekiltwalk.co.uk)

Aug.

**International Youth Festival**

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

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

Sep.

**Undergraduate Open Day**

More than an open day... an experience! Visit us to find out about applying, funding, careers, university life and the city.

[abdn.ac.uk/openday](http://abdn.ac.uk/openday)

**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!

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

Nov.

**Sound Festival**

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.

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

**Fireworks Spectacular**

Aberdeen's Winter Festival starts off its seasonal calendar on the 5th November with Aberdeen's spectacular Fireworks display at Aberdeen Beach, along with Fire Jugglers and the Charity Firewalk. The main event is a display of colourful and loud fireworks set to music; best viewed from the areas around the Beach Boulevard and along the Beach Esplanade.

[aberdeeninvestlivevisit.co.uk](http://aberdeeninvestlivevisit.co.uk)

Dec.

**Hogmanay/New Year's Eve**

Aberdeen hosts a number of New Year's Eve celebrations. To mark the beginning of 2015 the city put on a spectacular fireworks display launched from the roof of His Majesty's Theatre.

[aberdeencity.gov.uk](http://aberdeencity.gov.uk)

**Stonehaven Fire Festival**

Keeping alive the ancient custom of participants parading while swinging balls of fire above their heads. The flaming balls are thrown into the harbour at the end of the parade, being followed by Hogmanay parties to see in the New Year.

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

## Fancy a laugh?

Breakneck Comedy is the most dynamic and fastest growing comedy club in the North East of Scotland. Showcasing the best up and coming comedians from all over Scotland, Breakneck Comedy presents a brilliant weekly line up of great stand-up comedy throughout the city and Shire.

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

## What else?

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 Florence and the Machine, Snow Patrol and Dolly Parton.

Other sites worth checking out are:  
[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.aberdeenperformingarts.com](http://www.aberdeenperformingarts.com)

# What's On

## Also check out...

**Year of Food and Drink:**

Packed with brilliant moments, The Year of Food and Drink Scotland 2015 is a chance to celebrate Scotland's fantastic natural larder and exceptional natural produce, as well as the landscapes, people and culture that make our food heritage so unique. A year-long programme of events and activities so you can experience the Land of Food and Drink.

[visitscotland.org](http://visitscotland.org)

**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.  
[abdn.ac.uk/directorscut](http://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.

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

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



# Student Life

- > One of the largest wireless campuses in Europe
- > 50+ sports clubs in Olympic standard facilities
  - > 120+ clubs and societies
- > Newly refurbished student accommodation

[www.abdn.ac.uk/study/student-life](http://www.abdn.ac.uk/study/student-life)



**Refurbished self catered accommodation**

# Accommodation

Starting university and becoming involved in campus life provides a great opportunity to meet new people, make friends and for some of you to have your first taste of independence.



You might be a little apprehensive about leaving what you know. That is where our Student Accommodation Office comes in. Here to help you find a suitable place to live, 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 often stay with you throughout your university life and beyond.

**Our facilities include:**

- > A Central Hub with extensive social facilities
- > Refurbished self catered accommodation
- > A frequent bus service runs to both the main campus and the city centre
- > Launderettes, tennis courts and bike storage facilities
- > Wireless network throughout

If you are a new student, we guarantee to find you a place in our portfolio of accommodation; either University owned or with one of our preferred partners, 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 apply after the deadline we will endeavor to assist you in sourcing suitable accommodation.

The University has very limited accommodation for couples and no family accommodation, but the Students' Association has a database advertising private accommodation. Further information can be obtained by emailing [ausaadvice@abdn.ac.uk](mailto:ausaadvice@abdn.ac.uk)



The University's accommodation strategy continues to raise the quality of student accommodation to a standard that will seriously compete with accommodation at any other British institution.

We offer a wide range of accommodation with a wireless network throughout and both campuses have adapted accommodation.

Crombie-Johnston Hall is 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 both en-suite and standard self-catering rooms to meet all budgets. The majority of the accommodation is within five bedroom cluster flats. There are three large traditional halls with shared bathroom and kitchen facilities.

The Central Hub is at the heart of the Hillhead Student Village. The building offers a wide range of facilities including a café bar, community centre, computer access, meeting rooms, exercise facilities, chillout zone and information and advice points.

### Community Liaison Officers

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 enjoy the student experience. They can help you with queries or concerns and also organise social events to help you settle in and get to know people.

### Costs & Other Information

Up-to-date information on the various accommodation offered by the University (including the all-important costs), is available on our website at [www.abdn.ac.uk/accommodation](http://www.abdn.ac.uk/accommodation)



### 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.

### Can I choose where to live?

The application process allows you to make up to five choices. We endeavor to allocate first choice where possible, but this is not guaranteed.

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

Limited short term lets are available, for example for one semester.

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

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

### 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.

### Will I be housed with other first year undergraduates?

The University has dedicated undergraduate halls and we aim to place all first year students together where possible.

### Is there a deadline for accommodation applications?

Yes, usually in August, although we recommend that you book as early as possible. Unfortunately, accommodation applications received after the deadline cannot be guaranteed.

# Students' Association

**A.K.A:** AUSA, the SA

**Birthplace of:** Puppy room - AUSA teamed up with Guide Dogs Scotland on their exam welfare scheme in creating a puppy room. Stressed-out students could calm their pre-exam nerves by visiting the puppies and donate to Guide Dogs Scotland.

World Whisky Day – WWD was created by a University of Aberdeen student. More than 20,000 people attended one of the 200 whisky events held in 30+ destinations as far afield as Malaysia, USA, New Zealand and Argentina.

beCyCle – Aberdeen's bike collective, open workshop and free bike lending. Starting from scratch but with plenty of enthusiasm they gather orphaned bikes, fix them up and bring them back to life.

**Home of:** Sports Union, Societies, Student Advice Centre, Joblink, Volunteering, Sustainable Futures, Bookends, Sabbaticals Officers, Alfies Café.

**Provider of:** Advice & support to help you find accommodation, search and apply for jobs, give advice and provide academic representation should you need it – they have it all covered.

#getinvolved

## SHARED PLANET

For a cheap, healthy and ethical lunch, the Shared Planet Café is open every Wednesday during term time from 12-2. For a suggested donation of £1.50 you can get an organic, homemade, locally sourced yummy soup and a toastie.

[www.youtube.com/watch?v=M-F7gafHjrU](http://www.youtube.com/watch?v=M-F7gafHjrU)



## FAST FACTS

- > OVER 50 SPORTS CLUBS, TRADITIONAL AND MODERN
- > 100% STUDENT LED
- > OVER 6,000 SOCIETIES AND SPORTS UNION MEMBERS
- > ONE OF THE LARGEST WIRELESS CAMPUS IN EUROPE
- > SURFS UP! AUSA is located 10 minutes from Aberdeen's main beach, we have a thriving surf club with students competing at a high level in the UK Student Championships.
- > NEW ZEALAND is the furthest a student has got from the University for free within 24 hours for charity.
- > TORCHER PARADE is the largest student-led torch-lit procession in Europe.
- > LEARN SOMETHING NEW? Our sailing club is one of the few UK University Clubs that is a full RYA Certified Training Centre which allows them to award a whole range of Sailing Qualifications.
- > SUPERTEAMS is the largest student sporting extravaganza of its kind in which over 500 students battle it out in teams of 7 for top prizes.



## STUDENT MEDIA

Fancy a career as a radio DJ or journalist? Then this is the place to start. You could be hosting your own radio show, or seeing your name in print for the student newspaper, The Gaudie, which has been in circulation since 1934, and is one of the oldest in the UK.

## ACTIVISM & ELECTIONS

Training ground for future country leaders like Alastair Darling. If you want to make a change at the University, locally, or nationally then get involved in one of the many campaigning or political organisations. Or why not stand for one of the many student committees?

## VOLUNTEERING

Volunteering in AUSA is an excellent way of widening your experience whilst at University. It helps you to build professional skills and opens doors for new opportunities. It's easy to get involved whether you have one free hour or hundreds! AUSA has a tradition of students undertaking voluntary roles to deliver an excellent student experience. Volunteers provide the unrivalled personality of the organisation and are the lifeblood of the student movement on campus. Today, AUSA has hundreds of volunteers, running clubs and societies, writing for the newspaper, sitting on committees, putting on events and acting as guides for new students during Freshers' Week.

To find out more, visit the AUSA website [www.ausa.org.uk/volunteering](http://www.ausa.org.uk/volunteering)

**More than a party!**  
Did you know that our Students' Association isn't all about partying? Whether local or global, older or younger, teetotal or an expert mixologist there is something for you. And if you can't find it, they can help you start it!

**Raising and Giving Week**  
RAG (Raising And Giving) Week is 7 days full of fundraising everywhere on campus! Bungee jump on King's Pitches or donate just £1 to change a life. AUSA Charities supports charities in Aberdeen city and Aberdeenshire - get involved to see the difference you can make!

# University Sport

With outstanding Olympic standard sports facilities and a vibrant Sports Union, there are plenty of opportunities to get involved in sport at the University. Whether you are just starting out or looking to take your sporting skills further, there's something for everyone.



## Aberdeen Sports Village and Aquatics Centre

Whether a rising sports star of the future, a fitness fanatic or just an occasional exerciser, the world class facilities at our Sports Village and Aquatics Centre provide the perfect venue for a range of sporting, health and leisure activities.



**The Sports Village is one of the best sporting facilities in Britain. I practically lived there during my preparations for the Commonwealth games. With the recent addition of the Aquatics Centre, it really does have everything I could possibly need as an athlete.**



**Zoey Clark**

University of Aberdeen student, competed in Scotland's athletics team for the Glasgow 2014 Commonwealth Games.

### Facilities 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 offering a range of classes to suit all, such as TRX, Body Pump™, Body Combat™, Sports Conditioning, Studio Cycling, Pilates and Yoga
- > 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
- > 50-metre, 10-lane, Olympic-standard swimming pool
- > International-standard diving pool with a moveable floor
- > Performance and Well-being Centre, with physiotherapy clinic
- > Crèche, café and spectator seating



**Olympic standard 50m pool and diving facilities**



### Other Sports Facilities

There are numerous other sports facilities available across the University. The King's Pavilion playing fields boast two rugby pitches, a lacrosse pitch and an artificial cricket wicket, as well as outdoor tennis courts and floodlit football training areas. The Balgownie Playing Fields, situated two miles from campus, plays host to a number of football, rugby and shinty teams. The Hillhead Centre, next to the Hillhead Halls of Residence boasts a full-size grass football pitch, a full-size, sand-dressed synthetic pitch and grandstand. 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.



### Sports Union

Whether you're a beginner or already an elite athlete, the opportunities available for you to get involved in sport at Aberdeen are fantastic! The University's Sports Union boasts the second largest number of clubs of any Scottish University and is proud to offer competitive sport aimed at all levels. 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 intra-mural leagues across the University, as well as fun one-off events and competitions throughout the year:

- > **Superteams** – a light-hearted, fun-filled day of sport with a healthy element of competitiveness
- > **The University's Iron Man Challenge** which will test your strength to the limit!
- > **Granite City Challenge**, where all University teams compete against their friendly rival Robert Gordon University (RGU)
- > **Our annual Aberdeen Asset Management Boat Race**
- > **One day tournaments** in rugby, football and hockey
- > **Sports Ball**, hosting around 600 guests to celebrate the year's sporting achievements

### Sports Scholarship and Bursary Scheme

On an annual basis we provide support for high performance athletes through our Bursary and Scholarship Schemes. These are generously supported by alumni, individuals and companies through the University of Aberdeen Development Trust. 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, the George Yule Sports Scholarship and the Saltire Energy Sports Science Scholarships. These provide financial support to outstanding athletes during their studies at the University.



### How do I find out more?

For more information please visit our websites:

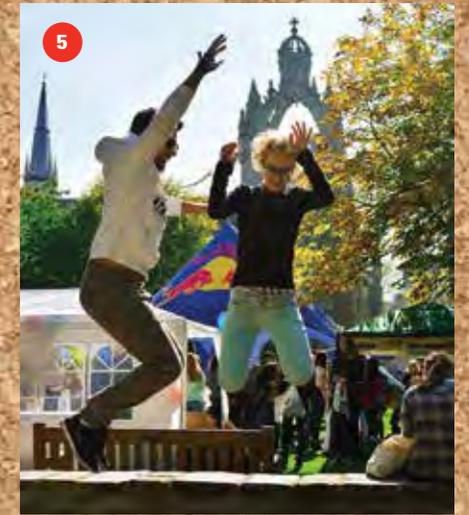
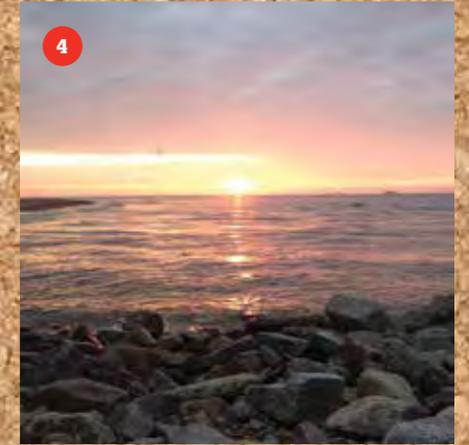
**University Sport & Exercise Team**  
[www.abdn.ac.uk/sportandexercise](http://www.abdn.ac.uk/sportandexercise)

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

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

/AberdeenSportsVillage

@asvabdn



# Your Aberdeen

Students past and present share their favourite photos of campus, the city and surroundings.

- 1 **Alena Machalkova** – View from Brig of Don towards Seaton
- 2 **Mike Raffan** – Sunrise at the mouth of the River Don
- 3 **DJ Konz** – St Machar Drive towards Sir Duncan Rice Library
- 4 **Emma Reid** – Aberdeen Beach
- 5 **Evanthia An** – King's College
- 6 **Yoga Adhi Prabowo** – King's College
- 7 **Fiona MacMillan** – High Street
- 8 **Eloise Gorman** – River Dee
- 9 **Mahad Adib** – Union Street

See more at 

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

# Campus Life

Over the last year our campus has been buzzing with action, events and some well-known visitors. Here are just some of the highlights.



## Tasty Topping Out

A 'topping-out' ceremony celebrated progress in building our new £37 million state-of-the-art Rowett Institute of Nutrition and Health on the Foresterhill Health Campus - right next to the University's Institute for Medical Sciences and the Suttie Centre medical school.

The new building will boast the most advanced Human Nutrition Unit in the UK, in which

volunteers will help scientists shed new light on the complex relationship between food, society, behaviour and health.

Due to open in 2015, the five-floor, glass-fronted building will cover 10,000 square metres, housing the very latest hi-tech laboratory facilities and equipment.

[www.abdn.ac.uk/news/5722/](http://www.abdn.ac.uk/news/5722/)



### Open Day 2015

Thousands of prospective students from across the globe descended on campus in August 2014 for our annual Open Day and had a taste of the opportunities and facilities on offer at Aberdeen.

Exhibitions, presentations and demonstrations took place throughout the day, alongside live music, a BBQ, sweetie stall and campus tours. Our mascot, Angus the Bull, was even handing out free hugs.

Don't miss out on your invitation to attend our next open day.

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



### Granite City Victory

Our Aberdeen student sports stars triumphed in the annual Granite City Challenge sporting event against city rivals Robert Gordon University.

Wins in events including curling, women's netball, rugby, swimming, water polo, women's volleyball, women's hockey, rowing and golf helped TeamABDN to a 17-11 victory – and big smiles all round.

"This was another fantastic win for Aberdeen to keep our winning streak going," said Aberdeen University Student Association (AUSA) Sports President, Marc McCorkell (pictured above, left). "We're proud to host what is the country's biggest university sporting event, and thanks to RGU for making it such a competitive spectacle."

[www.abdn.ac.uk/news/6021/](http://www.abdn.ac.uk/news/6021/)

### Dolphins Delight

We're known internationally for our ground-breaking research on marine mammals, but over summer 2014 our campus was home to some very special dolphins.

Aberdeen City's Wild Dolphins fundraising art project saw 50 spectacular sculptures of bottlenose dolphins appear all over the city, inspired by their real cousins so frequently spotted off our beaches and harbours.

Three of these stunning artworks spent the summer on campus: Oceanic Dance was seen leaping by the summer house in Cruickshank Botanic Gardens, while the Swimmers of the World dolphin greeted visitors to the Aquatics Centre at Aberdeen Sports Village, and Doric Dolphin decorated the sunny square outside the Sir Duncan Rice Library.

[www.abdn.ac.uk/news/6418/](http://www.abdn.ac.uk/news/6418/)



## Students Speak Out

As referendum fever gripped Scotland ahead of the September 2014 vote on independence, the University hosted many events to engage our students in this historic debate, with opportunities to talk about what matters to them.

The day before Scotland went to the polls to decide on becoming an independent country, former student and current TV and radio broadcaster Nicky Campbell presented an Independence Referendum special for his BBC Radio 5 Live Breakfast show which broadcast live from the University, speaking with students, academics and a panel of representatives from across society over breakfast at the Student Hub.

[www.abdn.ac.uk/events/6091/](http://www.abdn.ac.uk/events/6091/)



## May Festival Mega-Success

Over one weekend in May the University welcomed thousands of visitors snapping up tickets in their droves to see Charlatan's front man Tim Burgess, trailblazing journalist Kate Adie, Great British Bake Off star James Morton, and much more. Festival goers were also treated to one of the first public readings of bestselling author Tony Parsons' latest novel The Murder Bag, as the former journalist discussed his career and the reason behind his decision to venture into crime.

Crowds packed out venues for events such as the Cruickshank Campfire Party, The Dunedin Consort and Stovies Reloaded, while stilt walkers, life-size puppets and unicyclists added to the festival flavour on campus.

[www.abdn.ac.uk/news/6241/](http://www.abdn.ac.uk/news/6241/)



### A Royal Splash

University Chancellor HRH The Duchess of Rothesay presented degrees to happy graduates at our summer graduations, as proud families basked in glorious June sunshine.

The Duchess also formally opened the fabulous Aberdeen Aquatics Centre, a state-of-the-art facility for elite training, fun with friends, and better health and fitness for students and people of all ages and abilities. With a 50 metre, 10 lane training pool and 25-metre pool with diving facilities, the Olympic standard £22million centre has, from concept to completion, been three years in the making, and is now open for all to enjoy.

[www.abdn.ac.uk/news/6479/](http://www.abdn.ac.uk/news/6479/)



A photograph of three diverse students sitting on stone steps, laughing and smiling. The student on the left is a young woman with long blonde hair wearing a floral patterned top. The student in the middle is a young woman with long dark hair wearing a white t-shirt. The student on the right is a young man with short dark hair wearing a grey t-shirt. The background shows a stone building with a window.

# An International University

- > Diverse student and staff population
  - > 120 nationalities
- > 32% of students from outside the UK
- > New International Student Centre on campus

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



# Where our Students Come From\*



Our student population is represented by students from over 120 different countries spanning all seven continents.

\* This map is for guidance only and should not be taken as a definitive or final representation of our student body.

# International Students

Aberdeen has a long tradition of welcoming international students from all over the world. We have a large international community of 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 apply for entry through UCAS. The International Office are here 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/study/international](http://www.abdn.ac.uk/study/international)

## Student Life

Aberdeen has been ranked the best place to live in Scotland by various broadsheet UK newspapers. Just like the University, the city is very cosmopolitan and settling into Aberdeen as an international student couldn't be easier. The International Student Society organises events throughout the year to give you the opportunity to experience Scottish life and traditions, including day and weekend trips around Scotland. There are several individual country societies too, offering you the chance to share your own culture and learn about others.

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

## Tuition Fees

Fees payable by students not entitled to support from UK public funds vary according to the degree being taken. For 2015 – 2016, the annual fees for international students are:

- > £13,000 for undergraduate Arts-based degrees
- > £16,200 for undergraduate Science degrees
- > £28,600 for each year of a Medical degree

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

## Fixed Fees

The University of Aberdeen is committed to providing a fixed fee structure for international undergraduate students. This means that you will be charged the same fees over your programme of study in each year of study.

For more information, please visit:

[www.abdn.ac.uk/infohub/finance/tuition-fees](http://www.abdn.ac.uk/infohub/finance/tuition-fees)

In line with UKVI advice, we advise on budgeting for £820 per month on top of tuition fee costs to cover living expenses throughout the duration of your study in Aberdeen. The UKVI advice is subject to change so it is important you are aware of and adhere to the most up-to-date advice on their website.

[www.abdn.ac.uk/study/international/finance](http://www.abdn.ac.uk/study/international/finance)

## International Scholarships

The University of Aberdeen offers several scholarships for international students.

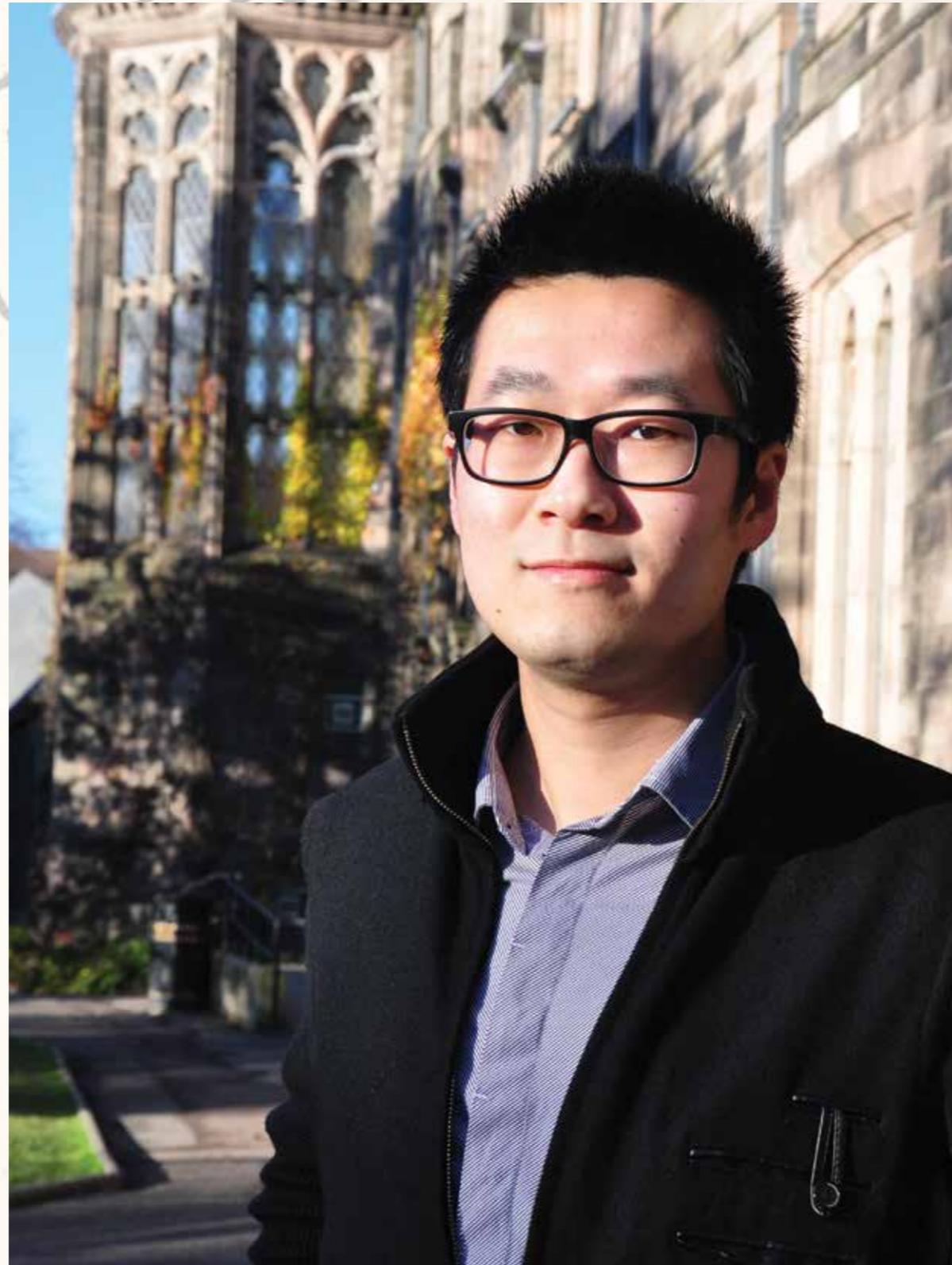
## International Undergraduate Scholarship

The University of Aberdeen International Scholarship is offered to all international students who are studying an undergraduate degree of four or more years\*. The scholarship is to the value of the final year tuition fee; therefore an international student studying a four year programme only pays tuition fees for the first three years of their degree. What's more, you do not even need to submit a separate application, as all international students are eligible and this scholarship will be granted automatically, providing you meet the criteria.

For up-to-date information about all scholarships available at the University of Aberdeen, please visit:

[www.abdn.ac.uk/study/international/finance](http://www.abdn.ac.uk/study/international/finance)

\*with the exception of those studying Medicine or Dentistry



# Yu Qi

Yu Qi is from China and works in the International Office as a student ambassador alongside his studies. He completed his undergraduate degree at the University of Aberdeen and is now working on his PhD in Accountancy.

## What support is there for international students?

For international students, the University of Aberdeen provides great help in many aspects, such as course applications, visa advice, finance and accommodation. The International Office is a large team that supports international students to overcome any difficulties they face. The Infohub on campus also provides face-to-face support for students already here.

## Is it possible to work part-time?

Yes, it is possible to take a part-time job. 20 working hours per week during term-time is allowed under my student visa.

A part-time job, from my personal experience, is a great way to get to know the city and its culture and is also good for practising language skills! However, you need to manage your time effectively as it's important that your studies are not affected. There is a Careers Service at the University which helps students to find out about job opportunities and future careers. Many volunteer jobs are also available in Aberdeen.

## What about accommodation?

The University of Aberdeen guarantees to provide a single room for all first year students in its portfolio of accommodation or with one of its partners as long as they apply by the deadline. All of the University's accommodation buildings are close to the campus, and it's easy to access public transport and shops.

For international students, I would recommend living in University accommodation. It saves a lot of time and helps you to adapt to your environment quickly. At the beginning of their studies, international students may face quite a lot of new challenges, so living in the university halls makes it easier to make friends and get help from others. Once international students are familiar with their overseas life, living in private accommodation is another good option and provides more chance to be involved in the local community.

## Was it hard to get a visa?

From my personal experience, it is not difficult to get a visa. However, you do have to apply for your visa individually, and it is your responsibility to do it. The University of Aberdeen provides lots of help to international students in this process. My suggestion is to read the requirements of the Tier 4 visa carefully, and prepare all the documents, exactly following the requirements. If there is anything you are not sure of or have any questions, you can always get advice from the University's international team.

[www.abdn.ac.uk/study/international/visa-information.php](http://www.abdn.ac.uk/study/international/visa-information.php)

## Where can I get more information?

The University website or contact the International Officer for your country: [www.abdn.ac.uk/international/inmycountry](http://www.abdn.ac.uk/international/inmycountry)



The African Caribbean Society at the Freshers' Fayre welcoming new members and students



The Russian Speaking Society welcoming new members! Check out their blog. [ruberdeen.blogspot.co.uk](http://ruberdeen.blogspot.co.uk)



Arab House Society Cultural Open Day

# Support for International Students



## English Language

There is a set minimum entry requirement for your level of English to ensure you have sufficient language skills to cope with your studies. Our Language Centre offers English courses and workshops throughout the year to support your studies.

If you have not quite met the direct entry requirements or feel you would like to come early to further develop your ability to use English in an academic environment, 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.

For details visit [www.abdn.ac.uk/study/international/english-requirements](http://www.abdn.ac.uk/study/international/english-requirements)

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

## Our International Centre

As a leading international university, we recognise the importance of helping our international students fully integrate in to Aberdeen, helping you to live, study and make friends during your time here.

We understand that studying here is a huge investment in your future, and we are dedicated to ensuring all of our international students feel part of the University. To help you have the best possible student experience in Aberdeen we have developed an International Centre, designed to make you feel welcome and help out just as much as we can during your transition to life in the Silver City. Whether you are an international student based here in Aberdeen for one semester, a year long placement, or even a full 4 year course, you will have access to all of the services which the Centre offers.

The Centre is also available to our Go Abroad students who are interested in finding out more about International and Erasmus exchanges – to find out more about Go Abroad opportunities, please see page 40.

## The Centre is designed to:

- > Help integrate our international students in to the university and wider student population.
- > Give tailored and dedicated support to any international or Go Abroad student, whatever your needs.

> Hold an annual calendar of events and socialising opportunities for International Students and students who are interested in going abroad.

> Provide our Go Abroad students with the opportunity to learn more about all of our international partnerships – including lots of information on International and Erasmus exchanges.

## International Partnership Activity

The University of Aberdeen is a global institution with extensive links around the world. We have a number of undergraduate and postgraduate level agreements with a range of universities, sponsorship bodies and agencies, which result in ever increasing numbers of international students arriving in Aberdeen. We are always expanding and developing these relationships, and are delighted these links helps us welcome students from all corners of the globe.

Opportunities to travel, study abroad and undertake research abroad are plentiful. Our academic and professional staff have extensive international contacts and experience that can help you out.



## Student Profile

Chidera

Degree: Chemical Engineering

### Why did you choose to study at the University of Aberdeen?

Back home in Nigeria where I am from, the University of Aberdeen is popularly known as one of the top schools in Europe for courses related to the Oil and Gas industry.

### What is your favourite thing about the city?

Everything you need is in a reachable distance - you can easily learn your way around the city. The city centre isn't far from school neither is my hall of residence.

### What is one of your favourite places on campus?

The Sir Duncan Rice Library is one of the stand out features of the University. Prior to my coming here, I wasn't exactly a library person but seeing a library like that, you will be compelled to read. Orderly, peaceful, and quiet. The library is almost perfect.

### How easy is it to make friends?

It has been really easy making friends here, everyone is friendly and amicable. They help you when you have difficulties, all you need to do is ask.

### What are your top tips for coming to university here?

For international students like me, I would say whenever in doubt of anything at all, ask questions because that is the only way you can adapt to the new environment quickly.

### What three words would you use to describe the university?

Successful, invincible, prestigious.

## 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/study/undergraduate/study-abroad-and-exchanges](http://www.abdn.ac.uk/study/undergraduate/study-abroad-and-exchanges)

We are particularly delighted to have been selected by Hanban, the Chinese National Office for Teaching Chinese as a Foreign Language, to host a Confucius Institute in cooperation with the University of Wuhan, our partner University in China. Wuhan University has also been added to our portfolio of exchange universities, allowing Aberdeen students to participate in a short period of study abroad in Wuhan. Aberdeen students can study for one or two semesters at Wuhan or attend their summer school. Other partners in China include Zhejiang University, Shandong Normal University, South China Normal University and the Sydney Institute of Language and Commerce in Shanghai.

The University of Aberdeen is a truly global hub of activity and can be the first stop on an exciting and varied international career.

For additional information, visit our 'In My Country' pages: [www.abdn.ac.uk/study/international/inmycountry](http://www.abdn.ac.uk/study/international/inmycountry)



- ## Where can I go?
- |           |               |
|-----------|---------------|
| Australia | Italy         |
| Austria   | Japan         |
| Belgium   | Mexico        |
| Canada    | Netherlands   |
| China     | Norway        |
| Denmark   | Poland        |
| Estonia   | Singapore     |
| Finland   | Slovenia      |
| France    | Spain         |
| Germany   | Sweden        |
| Hong Kong | Switzerland   |
| Hungary   | Turkey        |
| Iceland   | United States |
| Ireland   |               |



# Go Abroad

Come here, go anywhere!



Our global networks offer you the opportunity to make an international experience part of your degree.

### Go Abroad

Many degree programmes at the University of Aberdeen offer the opportunity for students to spend time in another country - some degree programmes even have a built-in period of study or work abroad. We offer a wide range of options for our students to spend a structured period abroad through either the Erasmus or International Exchange Programme. For the majority of students, a semester or year abroad is not an additional period of study and the academic credits gained abroad will count towards your degree.

Spending time abroad not only offers the opportunity to experience life in an exciting

new culture, it also offers a new perspective on your university subjects, giving you a more comprehensive understanding of academia.

Studying or working abroad is an increasingly vital element of study for many students as it ensures their degree is internationally relevant and that they graduate with the skills needed to set them apart from other graduates, helping them gain a competitive edge in the job market. Students with international experience return to Aberdeen having developed skills such as independence, cultural awareness, self-confidence and the ability to work in a multi-cultural team.

If you're interested in researching your Go Abroad options, please visit our International Centre where you can find our resource library and our dedicated team of Go Abroad Ambassadors, a select group of students who have previously

studied abroad. For more information on the centre, please see page 38.

### International Exchange Programme

We currently offer international exchange opportunities in North America, Latin America, Asia and Australia. Our exchange partners include some of the most distinguished state universities and private colleges in their respective countries. All students are eligible to apply for the International Exchange Programme with the exception of those in Medicine\* and Law.

Further information is available from:

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

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

/ExchangeStudyAbroadAbdn

\*Students studying medicine have the opportunity to spend at least a limited time abroad during the project-based medical elective module in Year 5.

"Complex, challenging, mind-opening, pure enrichment."

**Lisa Frach**  
University of British Columbia, Canada

"I consider the year that I spent abroad to be the best in my life. I have no regrets and if I could, I would go for one more year."

**Ireneusz Polcik**  
University of Oklahoma, USA

"My Erasmus year gave me an insight into another culture and improved my language skills immensely. I was able to try many different activities that I wouldn't have had the opportunity to do anywhere else and made friends for life with people from around the world. It was an unforgettable year."

**Rebecca Scott**  
University of Deusto, Spain

"I would not change my Erasmus experience for anything. Any obstacles or difficulties only made me stronger and gave me experience, and all the cultural knowledge and language skills have already proved useful. I feel like I'm a new person!"

**Triinu Lauk**  
University of Liège, Belgium

"I could not have dreamed of something better. The city, my friends, travelling, the food, the uni life, my courses... It was one of the best years of my life."

**Barbara Merino**  
Lingnan University, Hong Kong

### Erasmus Programme

Erasmus+ allows you to study or work in another European country as part of your degree programme. We have exchange links with a large number of universities across Europe, or alternatively students are free to source a suitable internship. Destinations available depend on the degree programme - study abroad options exist within most subjects. It is possible to participate even if you do not speak another language as a number of our partner universities teach in English. Others require visiting students to have a good command of their language.

Further information is available from:

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

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

/ErasmusAbdn

### When can I go?

Study or work placements are available for either one semester or a full academic year. Most students apply in their first year to go abroad in their second year; however, with departmental approval students may participate in their third year of study. 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.

Fact Finder

Degrees featuring a compulsory period abroad:

- MA French, German and/or Hispanic Studies
- MA Literature in a World Context
- LLB Law and French/German/Spanish Law
- LLB Law and European Legal Studies



# Support for your Studies

- > Extensive scholarship and bursary schemes available
- > Exceptional museums, archives and special collections
  - > One of the largest wireless campuses in Europe
  - > Supportive Student Learning and Careers Service

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

# Support for your Studies

Our student support services continually rank with the best in the UK and are in place to help you with any aspect of your academic, personal or social life.



Coming to university is one of the biggest moves you'll ever make. You'll no doubt find student life new and exciting, but you may also find it a bit bewildering at first too, especially if you are living away from home for the first time. That's why we aim to make sure right from the start that you have access to all the support you might require, from a team of people who are easy to contact and who can give you friendly, expert information and advice.

## Support with your Academic Choices

On arrival at the University you will be allocated a Personal Tutor (or, for medical and dentistry students, a Regent), who will meet you during Induction Week and welcome you to the University. Your Personal Tutor can provide general support to you throughout your studies and will be a point of contact for any queries you

have as a student. They will often be the first person you turn to if you encounter difficulties. You should register for your courses using the online registration system, MyCurriculum.

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

**For more information on Personal Tutors:**  
[www.abdn.ac.uk/infohub](http://www.abdn.ac.uk/infohub)

## 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.

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

## Student Support Services

The Student Advice & Support Office provides advice and information on three broad areas: disabilities, international student matters and general advice and support.

The University welcomes applications from students with a disability 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 students with a disability. 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 that 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-judgmental 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.support@abdn.ac.uk](mailto:student.support@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)**

## Student Parents

The University and the Students' Association are working together to proactively support students with children, including setting up the networking group P.I.E. (Parents in Education), providing baby changing units in University buildings and private areas in the AUSA building suitable for breastfeeding.

**For more information visit:**  
[www.ausa.org.uk/campaigns/studentparents](http://www.ausa.org.uk/campaigns/studentparents)

## Chaplaincies

The University Chaplaincy Centre at 25 High Street is a hub of community for people of all faiths and none. The team comprises Honorary Chaplains and Faith Representatives who seek to encourage the spiritual life on campus. There is always a warm welcome for all in the Chaplaincy Centre and the Chaplaincy team is committed to offering personal and pastoral care to anyone who needs it. Hence, they are available to offer a listening ear, a hospital visit and much more. The Chaplains also encourage community across the University campus and oversee University services within King's College Chapel. Please visit the website for further information and events.

**Contact the Chaplaincy Centre:**  
**Tel: +44 (0)1224 272137**  
**Email: [chaplaincy@abdn.ac.uk](mailto:chaplaincy@abdn.ac.uk)**  
[www.abdn.ac.uk/chaplaincy](http://www.abdn.ac.uk/chaplaincy)

## 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)

## 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)



# Financial Support

We have extensive support systems in place to help you with all types of financial queries. From information on different funding bodies, to bursaries and scholarships, we are on hand to help.



## Students from Scotland

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 have to contribute towards the costs of your course. 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 Awards Agency for Scotland (SAAS)  
[www.saas.gov.uk](http://www.saas.gov.uk)

## Students from England, Northern Ireland and Wales

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, Northern Ireland or Wales.

The University of Aberdeen's tuition fee for students from England, Northern Ireland or Wales in 2015 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, 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/infohub/finance/tuition-fees](http://www.abdn.ac.uk/infohub/finance/tuition-fees)

You can apply for a government loan to cover the full cost of your fees and the money will be paid directly to the University. The loan is not repayable until after graduation and you are earning a set salary. For students from England and Wales, this will be £21,000 per year. For students from Northern Ireland, repayments start once you are earning £16,910.

Depending on where you live, you will also be able to apply for additional financial help, including government grants, scholarships and bursaries and maintenance or living cost loans to help cover your living costs while at university.

For more information visit the site that applies to you below:

**England:**  
[www.gov.uk/student-finance](http://www.gov.uk/student-finance)

**Northern Ireland:**  
[www.studentfinanceneni.co.uk](http://www.studentfinanceneni.co.uk)

**Wales:**  
[www.studentfinancewales.co.uk](http://www.studentfinancewales.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. You should be eligible for full payment of tuition fees

from UK public funds while you are studying. To find out more contact the Student Awards Agency for Scotland (SAAS).

[www.saas.gov.uk](http://www.saas.gov.uk)

## 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 a 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, Northern Ireland or Wales for further details.

## Scholarships and Bursaries

### Scholarships for students from England, Northern Ireland or Wales

Students from England, Northern Ireland and Wales may be eligible for specific RUK (Rest of UK) Scholarships, allowing them to receive additional funding. 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 from the rest of the UK. These are designed to provide assistance to help students support themselves during their time at university and also aim to reward academic excellence.

Our RUK Scholarships are available based on two criteria. Access Scholarships 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. 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 the latest information on scholarships visit**  
[www.abdn.ac.uk/study/undergraduate/finance](http://www.abdn.ac.uk/study/undergraduate/finance)

## Entrance Scholarships

Each year, the University of Aberdeen awards Entrance Scholarships for undergraduate study. A number of these are generously supported by alumni, individuals and companies through the

University of Aberdeen Development Trust. Most scholarships are worth at least £1,000 per year for each year of study. 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 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.

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 in May, 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/study/undergraduate/entrance-scholarships-390](http://www.abdn.ac.uk/study/undergraduate/entrance-scholarships-390) or visit our Funding Database at [www.abdn.ac.uk/funding](http://www.abdn.ac.uk/funding)

## University Scholarships

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

**For more detailed information on these, visit**  
[www.abdn.ac.uk/study/undergraduate/scholarshipsandfunding](http://www.abdn.ac.uk/study/undergraduate/scholarshipsandfunding)

## Other Support

Our Student Support Office provides a Money Advice Service and can advise on personal budgeting. The Aberdeen University Students' Association's (AUSA) Student Advice Centre can also help you find part-time work and vacation work if you need it, which won't impact on your studies. Aberdeen's buoyant local economy means there's no shortage of holiday and part-time work on offer and many students find Aberdeen a less expensive city to live in than Edinburgh or Glasgow.



Being able to enjoy university life rather than worrying about the finances of higher education has definitely made the difference, giving me the freedom to concentrate on my studies.

Allanah Gray,  
Economics and Politics student

**Voted one of the most spellbinding libraries in the world**

Source: The Independent

# Learning Resources

Did you know that we have one of the biggest wireless clouds in Europe? This means wherever you are in Halls, university cafes, on King's Lawn or in a lecture theatre, you can access the internet.



## Sir Duncan Rice Library

The Sir Duncan Rice 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.

This 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, lectures and presentations
- > a Microform Room, Multimedia Room, Music Resources Room, the Teaching Resources Collection, Assistive Technology Booths and other facilities
- > a Thomson Reuters Trading Room

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 plug sockets for 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, and advice via Podcast on making best use of our collections. 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. Our 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/museums](http://www.abdn.ac.uk/museums)

## 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, and an extensive materials library covering up to 50 different languages. The Centre also offers various courses for students whose native language is not English, and all the language learning advice and support which students may need during their time in Aberdeen. 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, the Language Centre is available for you throughout the year. [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

The Computing Services Team 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

The Service Desk can offer you advice on all computing matters, including electronic resources. There is a drop-in Service Desk in the computing centre and in the Medical Library for all students and staff.

## Visit our web pages at

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

## Fact Finder

Secure and backed-up home file space – 2GB to store your files

Student Portal – a secure web-based portal where 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, clusters on campus and in Halls of Residence

Whether you like studying in the day or in the middle of the night, we have computer labs accessible 24-hours a day

Wide range of software and high quality wireless printing

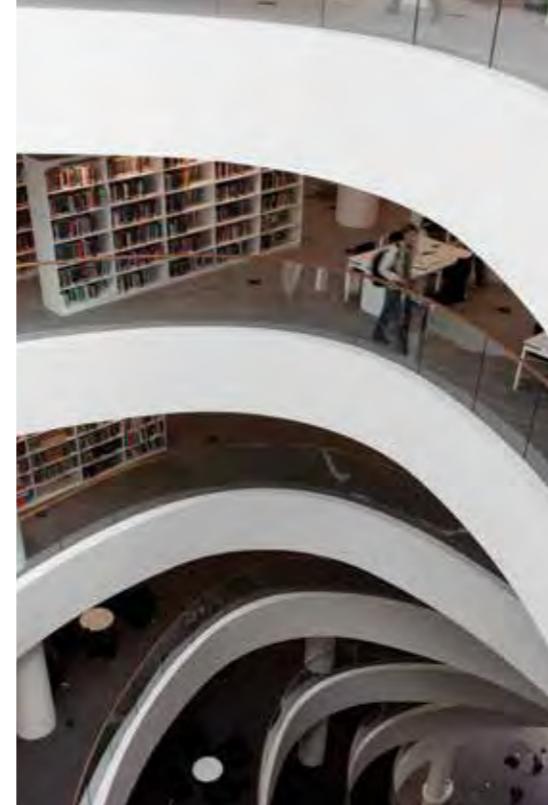
Classroom internet access – faster than domestic broadband

Disability provision – a range of specialist software on all classroom PCs, and a number of individual occupancy Assistive Technology Booths

Full technology support – providing help and training to ensure that all students access the same curriculum and learning environment

A dedicated Student IT Officer – listening to your views and concerns, and keeping you informed about developments in IT services on campus

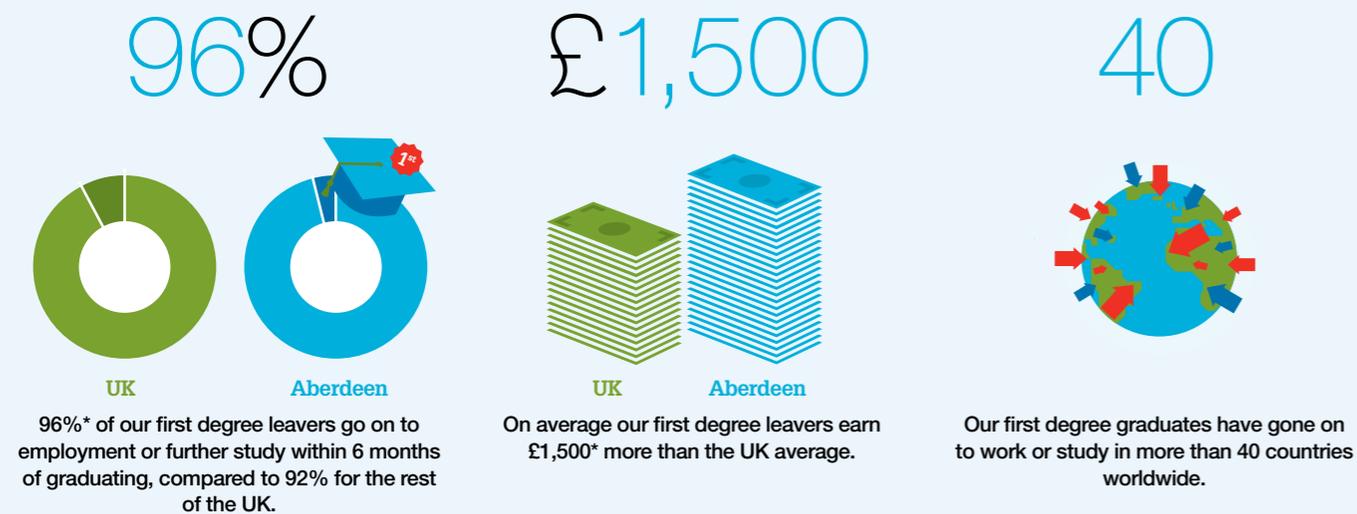
[www.abdn.ac.uk/dit/student](http://www.abdn.ac.uk/dit/student)





# Careers

Whether you already have firm plans for your future, or are still making up your mind, we are on hand to help you make informed career decisions and provide the practical support you need to secure a graduate job or a place on a postgraduate course. Our team of professional Careers Service staff offer 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.



## Exploring your Options

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, 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.

- > A Careers Service for life
- > 96% of graduates in work/further study after six months
- > Graduates enjoy some of the highest UK starting salaries
- > Career Mentoring and Internship opportunities
- > STAR Award

## 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.

Throughout your studies, your achievements will be documented in your Enhanced Transcript, which will be presented to you at graduation. The Enhanced Transcript is dedicated to additional information - rounding out the picture of the student beyond traditional academic achievement, helping you to stand out from the crowd to employers.

## 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.

## Work Experience Placements

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 won "Work Placement of the Year" by the National Council for Work Experience in 2013.

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 help you 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 or application form, 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](http://www.abdn.ac.uk/careers)

## 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 on our careers service, please visit [www.abdn.ac.uk/careers](http://www.abdn.ac.uk/careers)

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

### 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)

### 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.



## Graduate Profile

Gordon Cameron

Degree: Computing Science

Gordon Cameron made his childhood dreams a reality when he became a technical supervisor in production for Pixar Animation Studios in California – one of the most successful hit-movie making studios in the world. Brave – the Scotland-based tale of a warrior princess – is the most recent animation worked on by Gordon who's the only Scot working for Pixar. Gordon attributes his successful career to a number of people giving him a chance, but also the tremendous technical and practical experience he received at Aberdeen.

“There was so much to enjoy coming from a small town – a lot of open-minded people from around the world gathered together on an inspiring campus. I used to love walking from Hillhead (Halls of Residence) down to King's before classes; playing basketball, with the second team; cycling everywhere; the friends I made in halls and shared flats; the opportunity and spaces to learn, and the fact that although a relatively large university, it was always possible to escape and find somewhere alone. It was an enlightening time for me.”



Graduate Profile

# Laura Main

Degree: History of Art



Starring in the BBC's most successful new drama of the 21st century, *Call the Midwife*, is an accolade any actor would be proud to have on their CV. And Laura Main is no exception.

Laura secured lead roles in each of The Student Show productions in the years she spent at the University and also in the shows by the University's amateur musical theatre group, "Treading the Boards".

"The demand for the student shows was phenomenal – they would attract sell-out audiences for a week-long stint at His Majesty's Theatre, and undoubtedly my appearances in these shows allowed me to build on my acting skills," Laura says.

Following her graduation, her star has continued to rise with her career spanning lead roles in professional stage productions and television series including "Murder City", "The Forsyte Saga", "Holby City" and "Doctors".



Graduate Profile

# Craig Johnson

Degree: Zoology



No day is ever the same for Craig. Since graduating, his work has spanned from leading teams of governmental staff through the mountains of South West Asia, to travelling through the Bale Mountains National Park in Ethiopia.

So far, Craig has worked with some of the world's most endangered species, travelling from Northumberland, to Ethiopia, Asia and further afield.

"I grew up in Northumberland and living in the countryside encouraged me to develop an interest in the natural world and animal species. I was drawn to the University of Aberdeen by its large specialised Zoology department and I was just blown away during a University tour - I instantly knew it was where I wanted to study. My undergraduate and postgraduate studies in Aberdeen have given me the opportunity to work and travel not only across Scotland, but throughout the world."

After recently returning from a role in Arabia, Craig has now secured a role working for the UK Government in Westminster to help forge Environmental Policy on home soil, whilst looking to secure a PhD position to continue his environmental journey to educate across the globe.

# Our Students

Student Profile

## Marc

Degree: Politics and International Relations



### Why did you choose the University of Aberdeen?

I chose the University of Aberdeen due to its rich history and campus. I had always wanted to study at an historic institution and I particularly liked the degree programme and options offered at Aberdeen. My school in Northern Ireland had strong links with universities right across Scotland and I was able to take part in our annual universities tour, which was the deciding factor in choosing Aberdeen.

### What do you enjoy most about your course?

It's great to get taught by experts who are at the forefront of the discipline. At one point my lecturer went to do an interview with Al Jazeera straight after class!

### What is there to do when you're not studying?

Aberdeen has a very active Students' Association with hundreds of different sports clubs and societies. There is always something new to do and learn. Getting involved in so many extracurricular activities has taught me lots of additional skills.

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

Historic, diverse, exciting.

## Student Profile

# Lizzie

Degree: Politics and International Relations



### How easy is it for you to get home?

Home for me is Inverness and it is very easy to get there. Driving takes a couple of hours and, though it does slow the journey down a bit, the road goes through some pretty towns and it is a lovely scenic route.

### Why did you choose to study at the University of Aberdeen?

I chose the University of Aberdeen because it offered high standards of teaching and research for Politics and International Relations. I really liked the idea of a campus university and I have found over my 4 years here that this has been great for keeping up with friends and getting involved in a number of aspects of university life.

### What is your favourite thing about the city?

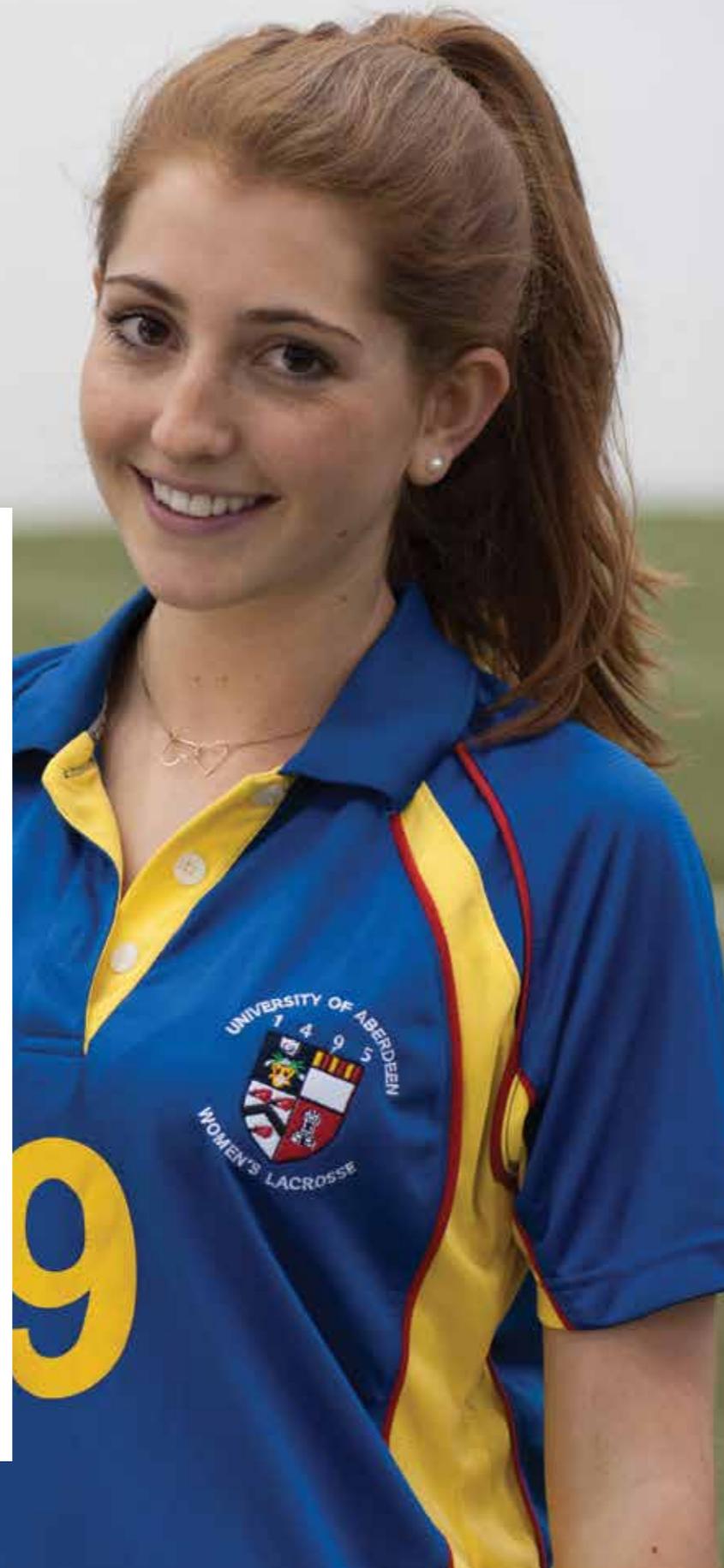
I love how close we are to the beach here. The sea is a 5 minute walk away and there are some lovely cafés there to grab a bite to eat. It is a good size of city - it's big enough that there is always something going on, whether that's a jazz night, a concert, a food festival, or a sports event, but it's also small enough that you feel like you know the city and are comfortable here.

### What is the best thing about the University of Aberdeen?

Like the city, I find the size of the University is perfect. I have been able to join a variety of clubs and been welcomed into them on a personal level, while still feeling that they are large enough to make an impact and be worthwhile. If you look for them there are so many opportunities to get involved in anything here, or to start something new yourself.

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

Open, diverse, opportunistic.



## Student Profile

# Jas

Degree: Mechanical Engineering



### Why did you choose to study at the University of Aberdeen?

I chose to study here because it is a distinguished University with a lot of history. Also as somebody who was looking to study engineering and enter the oil industry, it was the perfect location.

### What is your favourite thing about the city?

It's very easy to get around. As the city is not too large, it is easy to walk from place to place. It also has a vibrant and lively nightlife. Especially Wednesday night socials!

### What is the best thing about the University of Aberdeen?

The new state of the art library and sports facilities. Both show the University's commitment to creating the best environment for its students.

### Did you stay in University accommodation?

I stayed in North Court in Hillhead. It was a lot of fun and made for a great first year, as it put me with loads of people in similar situations as myself. It forces you to make new friends and learn to live without the comforts of home. Also living around so many other people gives you the chance to be as sociable as possible, which I found to be extremely enjoyable.

### Are you a member of any clubs or societies?

I am a member of the University Rugby team and the Engineering Society. Sports teams are a great way to meet new people as well as obviously helping you keep fit. The Engineering Society provides loads of opportunities to improve your standing of acquiring a job after uni. I attended the Engineering ball with a ceilidh, which as I'm English was not my strong point, and the people around me were more than happy to let me know!

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

Historical, diverse, competitive.





Student Profile

# Dan

Degree: Accountancy and Finance



### Why did you choose the University of Aberdeen?

There are a few reasons! The University of Aberdeen is one of the oldest universities in the world. I visited Aberdeen before I made the decision to come and I felt welcomed by this city and the University. From an academic perspective, the degree has gone way above my expectations.

### What is the best thing about Aberdeen?

There is a good balance between academic study and social activities/entertainment. Aberdeen is a very diverse city.

### How easy is it to make friends?

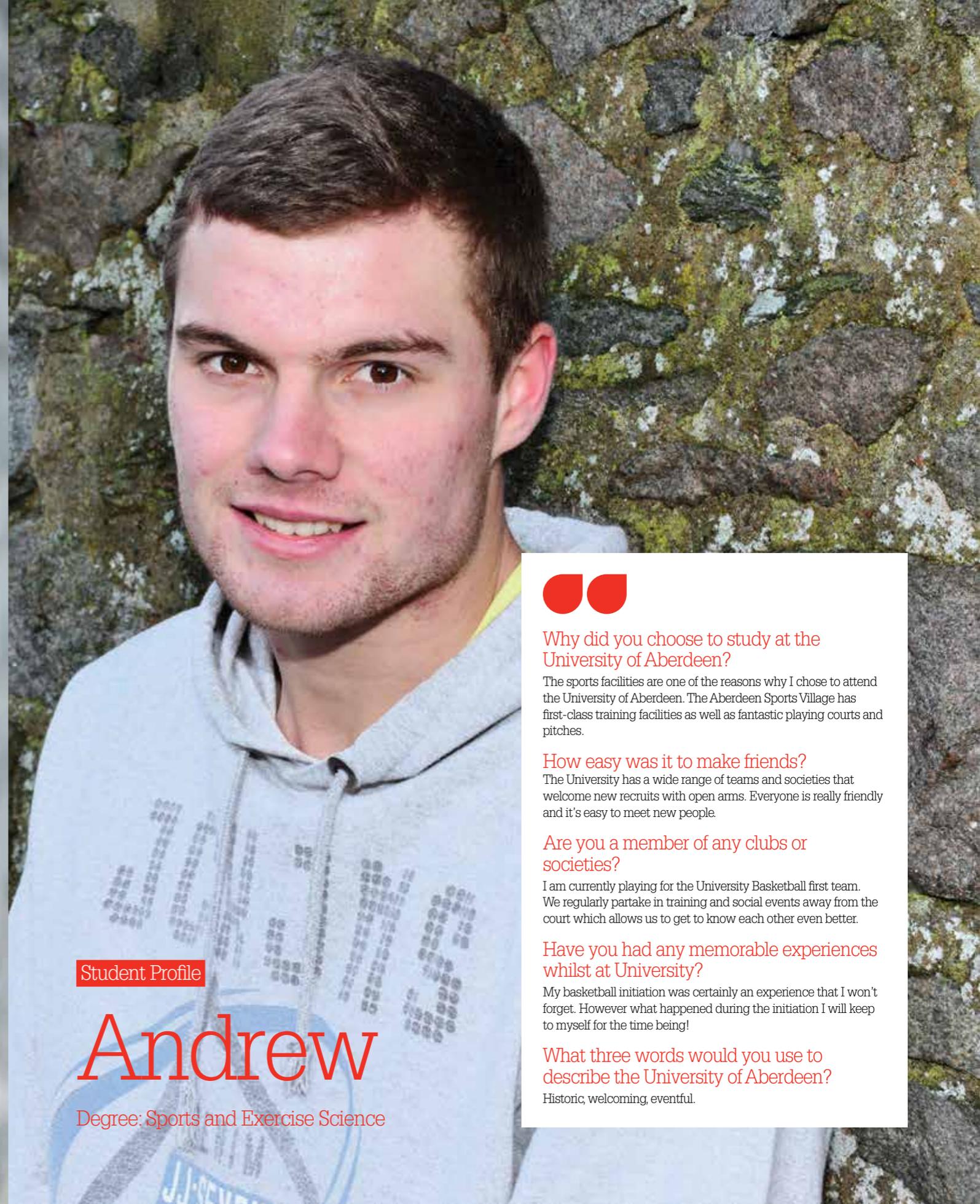
It's so easy to make friends! I made friends in my class, through my job and at uni activities, like in societies etc. Other students are very friendly and everyone wants to make friends.

### What do you enjoy most about your course?

The flexibility: you have a wide range of choices to study in the first two years. For example I studied Scottish History in the first year and Public International Law and History of Art in the second year, and they all contributed to my academic credits.

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

Generous, friendly, dynamic.



Student Profile

# Andrew

Degree: Sports and Exercise Science



### Why did you choose to study at the University of Aberdeen?

The sports facilities are one of the reasons why I chose to attend the University of Aberdeen. The Aberdeen Sports Village has first-class training facilities as well as fantastic playing courts and pitches.

### How easy was it to make friends?

The University has a wide range of teams and societies that welcome new recruits with open arms. Everyone is really friendly and it's easy to meet new people.

### Are you a member of any clubs or societies?

I am currently playing for the University Basketball first team. We regularly partake in training and social events away from the court which allows us to get to know each other even better.

### Have you had any memorable experiences whilst at University?

My basketball initiation was certainly an experience that I won't forget. However what happened during the initiation I will keep to myself for the time being!

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

Historic, welcoming, eventful.

## Student Profile

# Emily

Degree: German and International Relations



### Why did you choose to study German and International Relations?

I chose to study German because I feel it is important to be able to speak multiple languages. I found the programme of International Relations really exciting and interesting!

### Do you have any top tips for coming to University?

Try loads of new things! There are so many different (and unusual) opportunities at university that you have never encountered so try as many as you can!

### Have you worked part-time whilst studying?

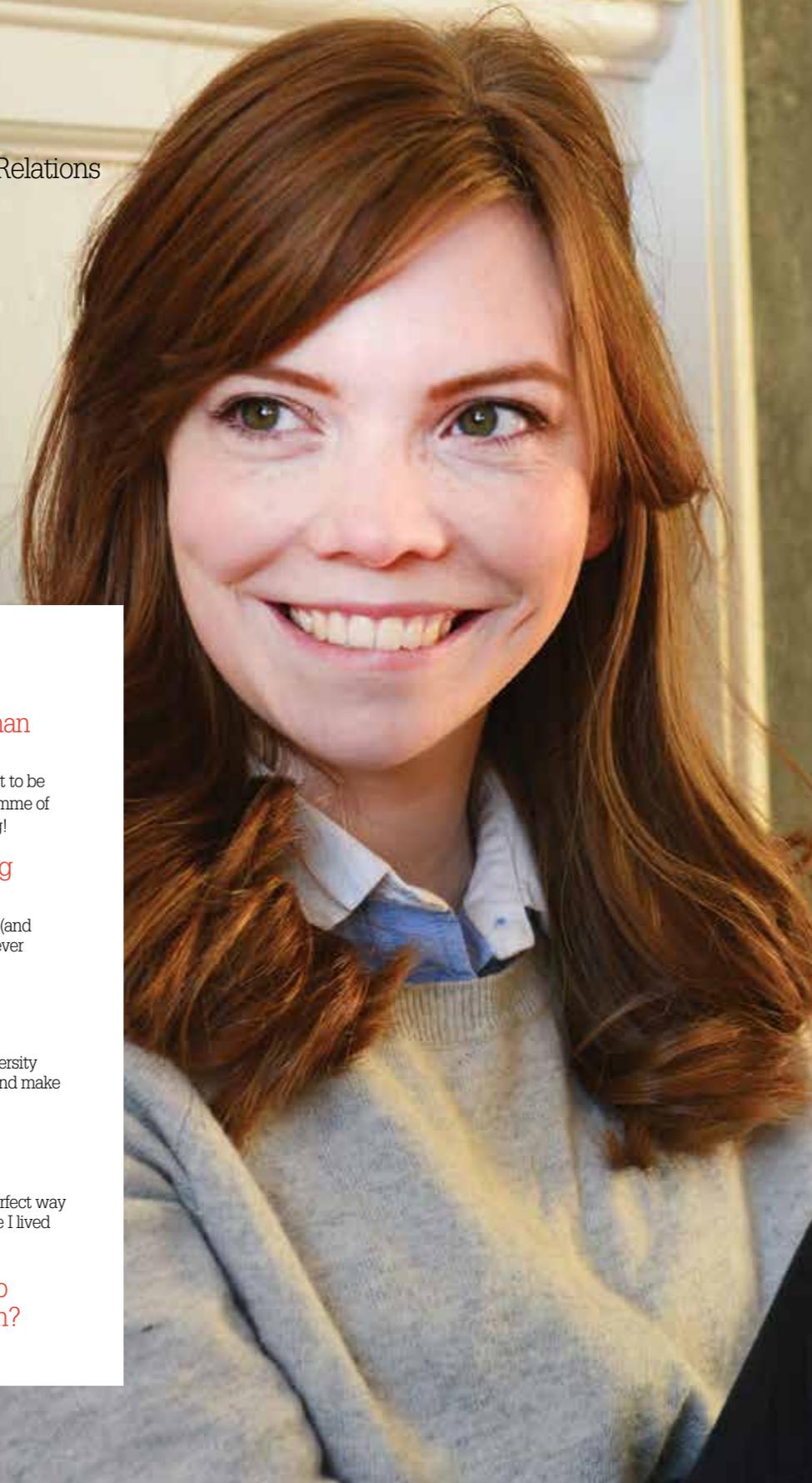
I have volunteered extensively at the Aberdeen University Students' Association. It is great fun to be involved and make a difference during your university experience.

### What is living in student accommodation like?

Living in student halls is a great experience and a perfect way to make friends. I'm still close friends with the people I lived with and met in halls.

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

Multicultural, friendly, modern.



## Student Profile

# Gillian

Degree: Accountancy and Finance



### Why did you choose to study at the University of Aberdeen?

The University offered the joint honours course which I wanted to take, I loved the campus and I got a good impression of the University from current students and alumni.

### What is the best thing about the University of Aberdeen?

I have three. It's links to industry, its study abroad opportunities and its stunning "Hogwartsesque" campus.

### Did you stay in University accommodation?

In first year I stayed in private accommodation with a company that is associated with the university. It was excellent.

### How do you find the weather in Aberdeen?

It can be unpredictable, but it is much sunnier than a lot of the rest of the UK, which I like. I tend to have a spare cardigan and a pair of sunglasses in my handbag, just in case, because I never know which one I will need.

### What do you enjoy most about your course?

Gaining the knowledge and skills that enable me to understand the financial world that we are living in. In terms of day to day learning, I enjoy learning the theory and then applying it in practical situations.

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

Freshers' Week was great, however, taking the opportunity to study abroad in Hong Kong for a year would have to be my highlight.



# Your Studies

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

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

**Choice, flexibility  
and a student-  
centric approach**

# Choosing your Degree

A wide variety of courses, combined with our flexible and student-centric approach, means you can benefit from choosing your studies around your interests, especially if you haven't quite decided what to study!



**When you join the University we admit you to a degree (e.g. MA or BSc) rather than to a specific subject, School or Department. This means you can usually study any subjects which interest you, and even change direction as your interests and ambitions develop.**

For most degrees, this means you don't 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 sometimes even 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 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 if they include a full year of study or work abroad. There are some programmes that include a year's industrial placement, which means they also last for five years. The MBChB degree takes five years.

#### 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 this prospectus. In applying for our very competitive programmes, 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 in your UCAS application, but it will not have a negative effect on your application to Aberdeen.

#### 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

Here is an example of an Arts degree student who has applied to do History at Aberdeen. As you can see they have a lot of flexibility, and the opportunity to actually change their degree intention during their studies.

#### First Year:

History  
English  
Sociology  
Enhanced  
Study Course

#### Second Year:

History  
English  
Management  
Enhanced  
Study Course

#### Third & Fourth Year:

**History**  
(Single Honours)  
or  
**English**  
(Single Honours)  
or  
**History & English**  
(Joint 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 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 understands that students can find themselves in a position where 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 146 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 has reformed its curriculum for young people aged 3-18. Curriculum for Excellence (CfE), introduced in schools and colleges in 2010, 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 helping them to take their place in modern society and community.

CfE is transforming education by providing a coherent, flexible and enriched curriculum for all young people. To support this new approach the Scottish Qualifications Authority (SQA) is developing new National Qualifications; Nationals, Highers and Advanced Highers will replace the existing Access, Standard Grade, Intermediate, Higher and Advanced Higher qualifications. The new Nationals were introduced from August 2013 with Highers from August 2014 and Advanced Highers from August 2015.

The University of Aberdeen is aware of the new curriculum and qualifications and will continue to review entry requirement criteria as SQA introduce the new National Qualifications. Information on proposed University policy can be found at

[www.abdn.ac.uk/study/undergraduate/cfe](http://www.abdn.ac.uk/study/undergraduate/cfe)

More information on Curriculum for Excellence can be found at [www.educationscotland.gov.uk](http://www.educationscotland.gov.uk)

More information on the new National Qualifications can be found at [www.sqa.org.uk/cfe/universities](http://www.sqa.org.uk/cfe/universities) and [www.sqa.org.uk/cfe/youngpeople](http://www.sqa.org.uk/cfe/youngpeople)

# How to Apply

> You should apply online to UCAS. Schools and colleges can provide advice and guidance. UCAS will accept applications for 2016 from September 2015. 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.

> Your completed application should be submitted (preferably via Apply) to UCAS with the applicant's fee of approximately £23. If you wish to apply for only one course at one institution, a reduced price of approximately £12 applies.

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

## UCAS

Rosehill, New Barn Lane, Cheltenham, Gloucestershire, GL52 3ZA  
Tel: +44 (0)371 468 0468  
Outside UK: +44 330 3330 230

UCAS Code A20, The University of Aberdeen  
Short Code: ABRDN

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

## Closing Dates

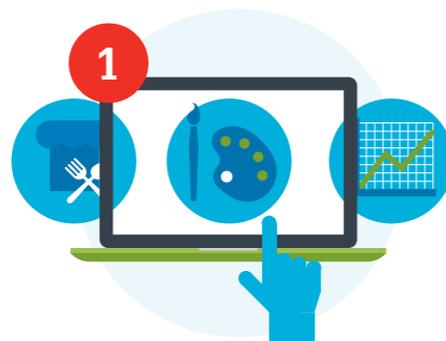
**15 October 2015** for all Dental, Veterinary Science and Medicine applicants and anyone including the universities of Oxford or Cambridge among their choices.

**15 January 2016** 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 2015 or 15 January 2016. 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.

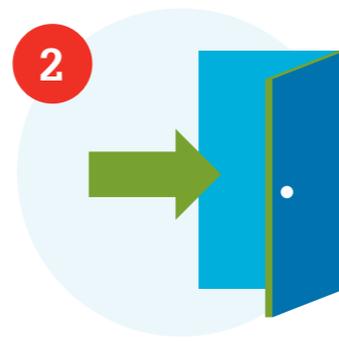
For more information please visit

[www.abdn.ac.uk/study/undergraduate/apply](http://www.abdn.ac.uk/study/undergraduate/apply)



## 1 Choose your Course

Check out the course section in this prospectus or visit [www.abdn.ac.uk/study/courses/undergraduate](http://www.abdn.ac.uk/study/courses/undergraduate)



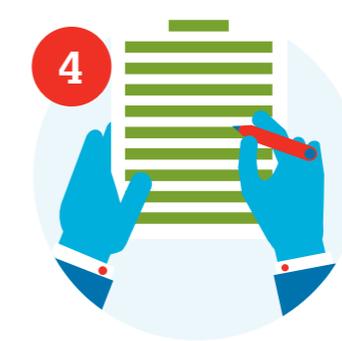
## 2 Check the Entry Requirements

Entrance requirements vary depending on the course. Check out the course section for details



## 3 Check the Application Process

Make sure you know exactly what is required to apply for the course



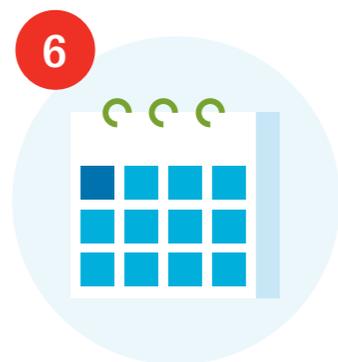
## 4 Complete your UCAS Application

Deadline is 15 October for Medicine and Dentistry and 15 January for all other courses



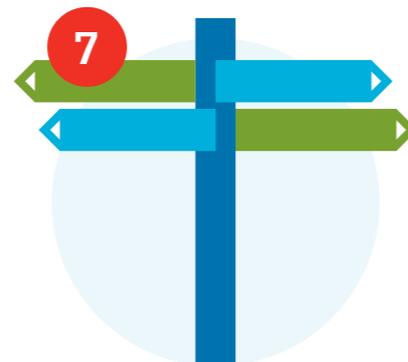
## 5 Education, Medicine and Music Interviews/Auditions

If you have applied for one of these courses you may be called for an interview or audition



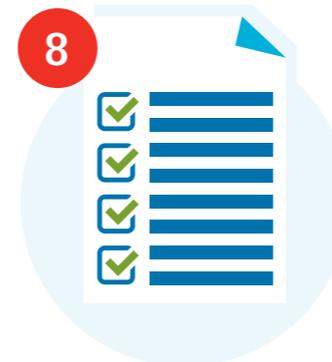
## 6 Early 2016

We'll be in touch to tell you if you have been made an offer (conditional or unconditional) or been unsuccessful



## 7 Make your Choice

Make Aberdeen your first choice by early May!



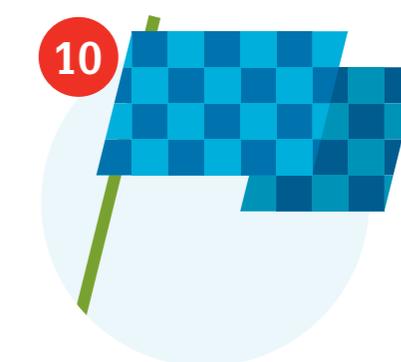
## 8 Your Exams

For those still sitting exams Good Luck!



## 9 Results Day

If you're waiting for results they are released in August and we will confirm your place if all conditions are met



## 10 University Starts!

Visit: [www.comeheregoanywhere.co.uk](http://www.comeheregoanywhere.co.uk)  
To see yourself at the University of Aberdeen

**Broaden your horizons with flexible degree options**

# Our Curriculum

Flexible options tailored around you.



**Our aim is to continuously develop the learning and support services that we provide, ensuring that our students are well supported and equipped with the skills to succeed in the global market place. This includes, amongst other initiatives, the implementation of a new curriculum for students.**

Following an extensive review process which saw engagement with top employers, professional bodies, academics, the Government, 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. These changes were inspired by major international universities such as Harvard, Yale, Melbourne and Hong Kong.

This new curriculum will help Aberdeen graduates to leave the University both academically excellent and intellectually

flexible, as well as 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 situations**
- > **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, 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 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. In years 1 and 2 students take 30 credits of Enhanced Study each year (25% of their curriculum), and in years 3 and 4 students take 30 credits of Enhanced Study across both years (12.5% of their curriculum).

**There are three types of Enhanced Study:**

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

#### **Sixth Century Courses**

In recognition of teaching and learning at Aberdeen for over five hundred years, we have developed a series of cross-disciplinary courses. These courses are 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 offered at levels 1 and 2, though these might be subject to change:

- The Digital Society**
- Fearsome Engines**
- Health and Wealth of Nations**
- Humans and Other Animals**
- Mankind in the Universe**
- The Mind Machine**
- The Natural World**
- Oceans and Society**
- Risk in Society**
- Science and the Media**
- Sustainability: Challenges and Opportunities**
- Sustainable International Development**
- What Gives Us Rights**

For more information, please visit [www.abdn.ac.uk/study/about/the-difference](http://www.abdn.ac.uk/study/about/the-difference)

#### **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 is currently offered in Arabic, Biblical Language, Business, Computing, Conservation and Environment, Fit for Life, French, Gaelic, German, Latin, Mandarin Chinese, Religions of the World, Scandinavian Language and Spanish.

#### **Discipline Breadth Courses**

Another Enhanced Study option is Discipline Breadth Courses. This option allows you to extend the scope of your study by taking just about any course on offer in the University's undergraduate Catalogue of Courses, as long as it is not a required or optional course for your chosen degree and is not a course that is in the same discipline as your degree intention (i.e. a student who is doing a Chemistry degree could not take a Chemistry (CM) course as discipline breadth). You have the whole catalogue of undergraduate study subjects to choose from.

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 extracurricular activities that will help to make them more well-rounded individuals, more attractive to employers and with a greater skill-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. Please see page 50 for more information.

# Putting your Learning into Practice

One of the great things about studying here is the little extras we provide throughout your degree which help shape your CV, give you first-hand experience and help you develop your skills as you learn.

Many of our students have the opportunity to go abroad or undertake exchanges during their studies, but equally, many of our students who don't undertake an exchange have the opportunity to take part in a variety of field trips, international competitions and experience real-life scenarios of what their future jobs might look like.



## Cornell International Real Estate Case Competition

The University of Aberdeen was the only British university to take part in the fifth annual Cornell International Real Estate Case competition, held in New York. The competition saw each team given a genuine real estate transaction and time to analyse the case and make an investment recommendation. After a preliminary presentation and elimination round, the remaining teams presented their solution to a judging panel made up of real estate industry leaders, who chose a winning team based on the best overall analysis and presentation. Our students took on rivals from all over the world, with teams competing for a share of over \$22,000 prize money. Our team did brilliantly, finishing in 4th place.

[www.abdn.ac.uk/news/6969](http://www.abdn.ac.uk/news/6969)



## Sub-tropical Marine and Freshwater Habitats

The best way to learn can be through exciting, hands on experience. Many of our courses are complimented by field-based activities throughout Scotland and overseas, especially for our budding biologists and environmental scientists.

Some of our biological science students have the opportunity to travel as far afield as Florida, one of the six main biodiversity hotspots in the USA, to undertake studies on a range of freshwater ecosystems. Students are able to explore habitats ranging from oyster reefs, nearshore sponge reefs and offshore drowned patch reefs, to seagrass meadows, freshwater bogs and salt marshes. Students can interact with staff and students from local institutions, as well as spending two days with local marine biologist Dr Bill Herrkind, who specialises in ecology and behaviour research.

This trip equips our students for life – not just with 'in-the-field' experience, but also with valuable add-ons for your CV which are greatly valued by employers.

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

## World Leading Science iGEM Competition

A team of six of our undergraduates recently competed against 260 teams from world leading universities to win two trophies and a gold medal at the International Genetically Engineered Machine (iGEM) competition in Boston.

The Aberdeen team won 'Best Team' in the 'Health and Medicine' track and were awarded the 'Best Synthetic Biology Measurement Approach'. This was a great achievement - the iGEM competition brings almost all the best universities in the world together to compete, including Yale, Harvard, Oxford, Cambridge, MIT, Heidelberg and ETH Zurich to name but a few. We are delighted for our students to have brought home two trophies from this competition.

[www.abdn.ac.uk/news/7001](http://www.abdn.ac.uk/news/7001)



## The Aberdeen Law Project

The Aberdeen Law Project (ALP) - or Casus Omissus to use its more formal name - is the first law clinic of its kind in Scotland, founded, operated and led by students.

Currently, the project has 140 student advisors, who, in addition to clinical work, provide a range of outreach programmes from employability workshops to legal training and support. The ALP is designed to help our members within our communities develop skills and knowledge needed to identify, avoid and/or address legal issues before a dispute occurs.

Not only does ALP help the communities in which we live, it also provides our students with real life experience for the working world.

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



# Widening Access

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.



## 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 can support an application to the majority of undergraduate degrees at the University of Aberdeen and may 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 to Degree 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 unable to attend classes on campus, we offer the opportunity to participate in classes from home, via your computer (distance learning).

Guidance is provided for those considering returning to study and it is our aim to enable you to make informed choices about your options.

You can find further information about this programme by visiting our website at [www.abdn.ac.uk/study/undergraduate/access-to-degree-study](http://www.abdn.ac.uk/study/undergraduate/access-to-degree-study)

We are also happy to arrange a guidance appointment either face-to-face or by telephone. No formal educational qualifications are required for entry to this programme; most important is 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 273668/274818**  
(9am - 5pm, Mon-Fri)

**Voicemail outwith these times**

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

## Summer School for Access Programme

This on-campus programme runs for 6 weeks over the summer for entry into the University of Aberdeen in the same year. The programme is aimed at those who meet certain criteria (such as applicants who come from a low progression Secondary School, Care Leavers etc.) and are seeking a route into degree study. It provides an opportunity to sample new subjects, experience university life and gain self-confidence.

Prospective students must complete their UCAS application before the January 2016 deadline; otherwise we are unable to consider you for entry via the Summer School. Students who successfully complete the Summer School, at the required level detailed in their Conditional Offer through UCAS, are guaranteed entry into the University of Aberdeen\*.

**For more information about the Summer School please visit our website at: [www.abdn.ac.uk/study/undergraduate/summer-school-for-access-410](http://www.abdn.ac.uk/study/undergraduate/summer-school-for-access-410) or call or email us at the contact details shown.**  
**Tel: +44 (0) 1224 273107 (9am-5pm, Mon-Fri)**  
**Email: [SSA-Aberdeen@abdn.ac.uk](mailto:SSA-Aberdeen@abdn.ac.uk)**

\*Please note that the Summer School for Access does not provide an alternative entry route into Medicine or English/Maths courses for entry onto Teacher Training Programmes.

## Transferring 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 you make your choice. 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 in the relevant course section for more information.

## 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

We provide 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.

## 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

### Chris Sojka

Widening Participation Officer

**Tel: +44 (0)1224 273107**

**Email: [aim4uni@abdn.ac.uk](mailto:aim4uni@abdn.ac.uk)**

**[www.abdn.ac.uk/aim4uni](http://www.abdn.ac.uk/aim4uni)**

## Reach Scotland

Reach Scotland will provide information, advice and guidance on applying to high demand professional courses at targeted low progression High Schools. 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 pupils in S4 - S6 who are aiming to study Medicine or Law by offering a range of on-campus activities, school based workshops and Medicine and Law student liaison opportunities. Activities are normally held in Aberdeen and Inverness.

## Medicine On-Campus Activities

- > S4 - S6 career exploration workshops and conferences
- > Personal Statement workshop
- > UKCAT workshop
- > Mock Multiple Mini-Interview workshop
- > Medical student shadowing and mentoring opportunities

## Law On-Campus Activities

- > S4 - S6 career exploration workshops and conferences
- > Sheriff Court visits
- > Mock Law lectures and workshops
- > Current Law student liaison

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

## Contact Details

Reach Scotland Project Officer

**Tel: +44 (0)1224 273117**

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

**[www.abdn.ac.uk/study/about/reach-532](http://www.abdn.ac.uk/study/about/reach-532)**

# Part-Time & Distance Learning

If studying full time is not an option for you because of work, family or other commitments, then you could think about part-time or distance study.



You can study for most of our degrees on-campus on a part-time basis in Aberdeen, or alternatively we offer a range of distance and evening courses at undergraduate level that can lead to certificates, diplomas and degrees.

## Part-Time, On-Campus

With the exception of Medicine, you can study part-time, on-campus for most undergraduate degrees at the University of Aberdeen. You can undertake up to 75 credits per academic year and you attend your chosen courses along with full-time undergraduate students. You can apply for entry onto this programme directly to the University and usually you will need to provide evidence that you have studied at SCQF level 6 or an equivalent.

If you have not studied at this level or need a refresher, our Access to Degrees Studies programme is a good way to develop the subject knowledge and study skills necessary to get the most from your undergraduate studies. See page 74 for more information. Application for part time study is not made through UCAS but directly to the University.

For more information please visit:

[www.abdn.ac.uk/study/undergraduate/part-time](http://www.abdn.ac.uk/study/undergraduate/part-time)

## Fees

Part-time fee and fee assistance information can be found at: [www.abdn.ac.uk/infohub/finance/fee-rates](http://www.abdn.ac.uk/infohub/finance/fee-rates)

Assistance with funding may be available if you are a Scottish domiciled, part-time student classified as a Home student for fee purposes.

## Part-Time and Distance Programmes

With the exception of Medicine, you can study part-time, on-campus for most undergraduate degrees at the University of Aberdeen. In addition the University offers some courses by distance learning. You can undertake up to 75 credits

per academic year and you attend your chosen courses along with full-time undergraduate students. For full details about all our part-time and distance programme:

[www.abdn.ac.uk/study/undergraduate/part-time.php](http://www.abdn.ac.uk/study/undergraduate/part-time.php)

## Part-Time, Flexible Archaeology

The archaeology courses offered by the University use distance learning technology to enable students to deepen their knowledge of archaeology, 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 fieldwork and excavation opportunities are now also available through the department as part of the programme.

## Arts and Social Sciences

The flexible Arts and Social Sciences programme allows part-time students to access on-campus undergraduate courses in a range of subject disciplines from across the College of Arts and Social Sciences. Harnessing 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 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.

## Christian and Religious Studies

Our Religious Studies department 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.

Students can take courses for interest or build credit towards the award of a Certificate or Diploma in Christian Studies.

## Counselling Skills

This on-campus programme based in the School of Education has been designed for those 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 Counselling Skills Programme, which is validated by Counselling & Psychotherapy in Scotland (COSCA), offers the opportunity to study four modules that develop practical skills. Successful completion earns 60 university credits at undergraduate level 1 and the COSCA Certificate in Counselling Skills. This is the first stage of training to becoming a professional counsellor, but is of interest to anyone who wishes to develop advanced communication skills.

## Science

The University offers a number of undergraduate, flexible learning opportunities from across the Science disciplines. Courses of study follow the programmes undertaken by full-time undergraduate science students. Lectures are recorded and made available through the University's Virtual Learning Environment (VLE). Course guides and additional learning materials are also available via this portal. Most courses require attendance at one practical laboratory weekend held in Aberdeen. Students are not limited to the online materials. They are also welcome to join on-campus students in lectures, tutorials or practicals, making this an ideal study solution for those working in the offshore industry or who have other work or family commitments.

# Education Programmes

The School of Education offers a number of part-time courses/programmes at undergraduate level.



Our Education programmes are predominately aimed at those involved in professional fields of work associated with further education: adult education, community education, social care, young people and families, family therapy, out of school care; nursery provision; childcare and protection and counselling. Students will, in some cases, be self-funding, and in others will be sponsored by their employer.

## 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 years 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](mailto:bacp@abdn.ac.uk)**

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

## 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. Currently only year three of the degree programme is considered for entry at this level. Applicants must normally have a qualification at HND level or equivalent and 240 SCQF credit points; however 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 but the programme is suitable for all professions.

Individuals can register for single courses, 'clusters' of courses or a full degree.

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

The TQFE is designed for full/part-time lecturers employed in Scotland's Colleges. The programme duration is one academic year and it comprises of courses at SCQF level 9 or level 11; two 15 credit courses and one 30 credit course.

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

Candidates must satisfy the entry requirements set out in Annex C of the 2006 edition of '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.

For further information contact:  
**[tqfe@abdn.ac.uk](mailto:tqfe@abdn.ac.uk)**

For information on the BAPD and TQFE contact:

Programme Secretary

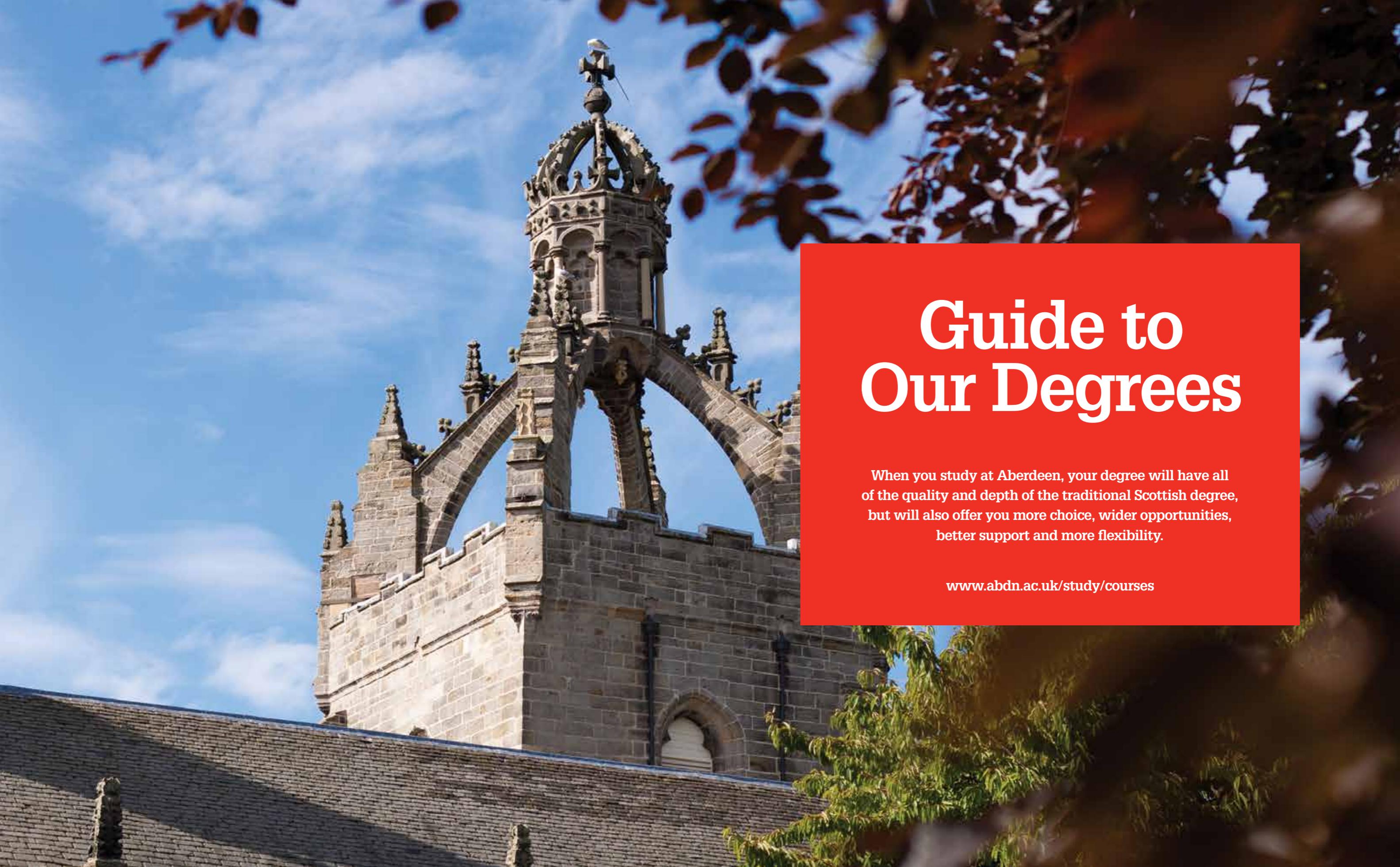
**Tel: +44 (0)1224 274629**

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

## Counselling Skills

The 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. See page 76 for more information.

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



# Guide to Our Degrees

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.

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

# 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	84	Geography	101	Psychology	115
Anthropology	85	German	102	Real Estate	116
Archaeology	86	Hispanic Studies	103	Religious Studies	117
Behavioural Studies	87	- Latin American		Scottish Studies	118
Business Management	88	- Spanish		Sociology	119
Business Management and Information Systems	89	History	104		
Celtic & Anglo-Saxon Studies	90	History of Art	105		
Computing	91	Language & Linguistics	106		
Divinity	92	Languages and Literature of Scotland	107		
Economics	93	Legal Studies	108		
English	94	Literature in a World Context	109		
Environmental Humanities	95	Mathematics	110		
European Studies	96	Music Studies	111		
Film and Visual Culture	97	Natural Philosophy (Physics)	112		
Finance	98	Philosophy	113		
French	99	Politics & International Relations	114		
Gaelic Studies	100				

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



### 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. 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 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 one A-grade pass and one B-grade pass at A Level or Advanced Higher in the subjects concerned. See table on page 83 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 70 for more information.

## Minimum Entry Requirements for 2016 – MA/MA (Honours)

Type of Qualification	General Requirements	First Year Entry	Second Year Entry	Subject Requirements
<b>SQA - Scottish Qualifications</b>	S at grades 1, 2 or 3, or National 5 at grades A, B or C in English	Minimum of 4H at AABB obtained at a single sitting of Hs or 3AH at BBB Those seeking to qualify over two sittings will be expected to exceed this minimum Group Awards will be taken into consideration for entry purposes although additional H or AH passes may be required S Grade/National 5 Maths or Lifeskills Maths needed for entry to Accountancy, Economics, Finance	Is possible in most school based subjects. A minimum of ABB overall in Adv H is required. 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>BTEC Level 3 Extended Diploma</b>		DDM in related subjects		
<b>ILC - Irish Leaving Certificate/ Ardeistimeireacht</b>	O in English or in English Language	Minimum of 5H at AAABB obtained at a single sitting of Hs. 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 32 points including at least 5, 5, 5 at HL	Minimum of 36 points (including 6, 6, 6 at Higher in subject(s) selected)	
<b>EB - European Baccalaureate</b>	Pass First Foreign Language - English	Minimum of 75% overall		
<b>Higher National Certificates</b>		Pass with B grade in assessment unit, normally in a related subject		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 from a single sitting of exams 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.

### 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:

#### North East Scotland College / Dundee and Angus College

HND students who have successfully completed their studies in Social Sciences may be able to gain advanced entry to certain University of Aberdeen degree programmes in related subjects. Contact your college or the University of Aberdeen Admissions team on **+44 (0)1224 272 090/91**.

### 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

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?

- > You will study in a dynamic teaching and research environment, being taught by staff with a wide range of business, professional and academic backgrounds and experience
- > 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 get the opportunity to study in-depth an area of accountancy of particular interest to yourself and thereby develop research and study skills
- > You will gain practical skills enabling you to read and understand financial reports and to prepare financial statements
- > You will be in the main European centre for the oil and gas industry, where international accountancy firms, multinational companies and financial services all have offices in the city
- > The Scottish Higher Education Funding Council rated the teaching programme in the Department as 'Highly Satisfactory'

## 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. 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's Business School is aware that we need to prepare you for the future. The four year course provides a background for the career possibilities ahead, with flexibility to build on your strengths and tailor your degree. We offer a four year Joint Honours degree in Accountancy, and a three year Designated joint degree in Accountancy.

## First Year

There are two Accounting courses in the first year. **Accounting and Accountability** 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.

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**. Students are also introduced to the SAGE accounting page.

## Third and Fourth Year (Honours)

Students studying Joint Honours Accountancy take **Auditing**, **Management Accounting 3** and **Financial Accounting 3** in the third year and **Financial Accounting Theory** or **Management Accounting Theory** in their fourth year. Honours students will also complete a dissertation in a subject of their choice in the final semester of the degree. These courses are supplemented by a range of options in Accountancy, Finance and cognate disciplines.

## 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. Others choose alternative careers in management, education or banking and finance.

## Minimum Requirements:

SQA Highers: **AABB**      A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

## S Grade/National 5/GCSE Maths

See table on page 83 for more information.

**UCAS Code see page 200**

## Advanced Entry

Available only with experiential or other qualifications at post A Level or Advanced Higher standard. See page 82 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 Business Management**, Economics, Finance, French, German, Hispanic Studies, Legal Studies

## Related Honours Programmes in

Economics, Finance, Management Studies, Real Estate

## Professional Accreditation

The University of Aberdeen courses are accredited by the *Institute of Chartered Accountants of Scotland (ICAS)*, *CIMA (Chartered Institute of Management Accountants)*, and *ACCA (Association of Chartered Certified Accountants)* which can form part of a direct path to being granted exemptions from the examinations necessary to get professional qualification status.

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

 **universityofaberdeen**

 **@aberdeenuni**

 See page 40 for information

 See page 46 for information



The first institution to introduce the Thomson Reuter simulated trading floor, through which students gain a unique hands-on experience of the financial markets.

# Anthropology

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?

- > 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
- > Teaching is research-led: students work alongside staff and postgraduate students who are actively engaged in internationally recognised research
- > At Aberdeen, our core staff specialise in regions as diverse as Canada, the Central Asian Republics, Iceland and Scandinavia, Siberia, Scotland and the UK, South America, Tibet and the Himalayas. A particular strength of Anthropology at Aberdeen is the study of the circumpolar North
- > Students benefit from our close links with programmes such as Sociology, Politics and International Relations, and Archaeology; and with the University's extensive anthropological and ethnographic museum collections
- > A vibrant student anthropology society regularly organizes academic and social events bringing together undergraduate and postgraduate students with staff outside the classroom

## Degree Programme Structure and Content

Anthropology is available as both an Honours (four year) and Designated (three year) degree.

## First Year

Two introductory courses: **Introduction to Anthropology: Peoples of the World** (first half-session) and **Introduction to Anthropology: Questions of Diversity** (second half-session) introduce key ideas and debates in contemporary Anthropology, set beside the in-depth study of individual cultures.

## Second Year

**Political Anthropology** examines anthropological concepts such as class, ethnicity and nationalism, examined through comparative evidence on human community-building and political solidarity. **Anthropological Approaches to Religion** looks at the various approaches anthropologists have taken in studying religion, ritual and ceremonial life.

## Anthropology and Imperialism

uses anthropological approaches to examine the historical impact of European imperial expansion on the modern world. **Colonialism Re-imagined** explores the contemporary experience of cultures in the colonised world and their resistance to, and participation in, state and colonial powers.

## Third Year (Honours)

In third year, courses in **Anthropological Research**, **Anthropological Theory** and **Ethnography** introduce students to actual anthropological research methods and begin preparation of their individual research projects. Students are instructed in the principal methods and debates regarding carrying out systematic ethical fieldwork, and writing in-depth ethnographic accounts. Students will also take Honours options courses on **Society and Nature** and **Emotion, Self and Society**.

## Fourth Year (Honours)

In fourth year, students complete their individual research projects and choose courses on a range of special topics. These vary from year to year, and are based on the research specialisation of staff. They include, amongst others, courses such as: **Materials, Technology & Power in the Andes**; **Museums and Society**; **The Anthropology of the North** and **Morality and Belief in Islam**.

## Teaching and Assessment

The Anthropology programme combines a flexible combination of lectures, small-group seminars and personal supervision of individual project work. Courses are assessed through a variety of methods, from essays, presentations and formal exams to the end of year four dissertation.

## Your Future

Anthropology challenges students to think critically and equips them with skills for working with people in a variety of cultural contexts. Anthropology graduates work in research and teaching, development agencies and non-governmental organisations, in media and politics. Anthropological training in analysing social life and organisations and "thinking outside the box" makes their skills valued in both the private and public sectors.

## Minimum Requirements:

SQA Highers: **AABB**      A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.

**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Anthropology**

## Joint Honours Programmes with

Archaeology, Celtic and Anglo-Saxon Studies, English, Film & Visual Culture, French, Environmental Humanities, Gaelic Studies, Geography, German, Hispanic Studies, History, International Relations, Philosophy, Politics, Psychology, Religious Studies, Sociology

## Related Honours Programmes in

Archaeology, Sociology

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

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94%  
Student Satisfaction

Source: National Student Survey 2014

# Archaeology

Archaeology is a diverse and wide-ranging discipline that spans the humanities and physical sciences, and is unique in exploring the human past and how it can help us 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. Opportunities to participate in outstanding national and international Department-led excavations and field research projects from Aberdeenshire to Alaska
- > Research active staff among the world leaders in their fields

## Degree Programme Structure and Content First Year

**Archaeology in Action: An Introduction; Caves to Kingdoms: An Introduction to Prehistoric Archaeology.** Plus six courses chosen from other disciplines.

## Second Year

**Interpreting the Past; Test Tubes & Trowels; Archaeologies of Social Lives; Archaeology of the North: Lifeways and Cultural Change.** Plus four courses chosen from other disciplines.

## Third Year (Junior Honours)

**Professional Archaeology 1: Field Methods; Professional Archaeology 2: Post-excavation Analysis and Employment; Archaeological Fieldwork Portfolio; Archaeological Research Project Part 1.** Plus course options chosen from a range available including: **Scottish Archaeology; North American Archaeology; Geoarchaeology; Archaeologies of Landscape; After the Ice: Hunter-Gatherers in Mesolithic Scotland\***; **Submerged Archaeology: Discovering and Managing Lost Landscapes\***.

## Fourth Year (Senior Honours)

**Archaeological Research Project Part 2; Current Issues in Archaeology.** Plus course options chosen from a range available including: **Viking Archaeology; Bioarchaeology; Indigenous; Community-based and Public Archaeologies; Material Culture in Archaeology: Seeing, Using, Understanding\***; **World Heritage: Legislation and Management\***. Please note, we are proud to offer a fully-flexible distance learning degree in Archaeology (MA and BSc). For more information please see the departmental website.

\*Courses offered every other year.

## 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 in 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. 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 make them sought-after in a wide variety of fields including industry, commerce, research and a range of professions.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Anthropology, Celtic and Anglo-Saxon Studies, History, History of Art**

## Related Honours Programmes in

Anthropology, Geography, History, History of Art

Archaeology is also available as a BSc for those students who would enjoy taking science options (e.g. Geography, Geology) alongside Archaeology in first and second year. Please see page 158 for more information.

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

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 See page 40 for information

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**Excellent laboratory facilities and library holdings. Research active staff among the world leaders in their field.**

# Behavioural Studies

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 and visual neuroscience
- > The School is the oldest in the UK, established over 100 years ago, and maintains a strong commitment to providing a supportive and stimulating environment for undergraduate studies

## Degree Programme Structure and Content

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 prerequisite 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); **Psychology of Emotion; Evolutionary Psychology; 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** and **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 including an **Applications of Research Methods** course. At level 4, students carry out a library-based thesis project. They also select four options, currently from the following list: **Cultural Evolution; Visual Awareness; Advanced Topics in Language; Abnormal Psychology; Human Factors; Brain and Body; Forensic Psychology; The Neuroscience of Music; Applied Psychology in the NHS** and **Social Dynamics**.

## 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 library-based 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 a BSc degree. See page 159 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. Other 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)

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Philosophy, Sociology**

**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)

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**The School of Psychology is the oldest in the UK, established over 100 years ago.**

# Business Management

Business Management 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

There is an Honours (four years) and a Designated (three years) degree in Business Management.

To meet the increasing demand for management skills in the modern world, the University of Aberdeen provides a wide range of degrees involving Business Management. 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 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, Consultancy and Change, International Business, New Product Development** and **Consumer Behaviour**. Courses are offered in staff research specialisms. Honours students will complete a dissertation in Business Management (or in their other Joint Honours subject).

## 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 Business Management 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.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Business Management**

## Joint Honours Programmes with

Accountancy, Economics, English, Finance, French, Gaelic Studies, Geography, German, Hispanic Studies, History, Information Systems, International Relations, Legal Studies, Mathematics\*, Politics, Psychology, Real Estate, Sociology

\*Joint Honours Management Studies and Mathematics – SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

## Related Honours Programmes in

Accountancy, Economics, Finance, Real Estate

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

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 See page 46 for information



Aberdeen offers a high proportion of research-active staff and an emphasis on evidence-based management.

# Business Management and Information Systems

Business Management and Information Systems 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 both Knowledge-Based Systems and business subjects
- > Considerable flexibility is offered in the choice of management topics to study during the Honours part of the curriculum
- > 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

Courses are available from first to fourth year. Business Management and Information Systems 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. The third year in computing 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.

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. Students also take **Semantic Web Engineering** and **Peer-to-Peer and Agent-Based Computing** alongside business 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, ConocoPhillips, Wipro, Hydro Electric, Scottish & Newcastle Breweries, British Telecom, the National Health Service and local councils.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 for more information.

## Can We Help?

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

## Your Study Options

**Joint Honours Programme in Business Management and Information Systems**

## Related Honours Programmes in

BSc Computing Science (also available as MSci with Industrial Placement), BSc Information Systems and Business Management, MA Computing, MEng Computing Science

 **Course Information**  
[www.abdn.ac.uk/ncs](http://www.abdn.ac.uk/ncs)  
**General Information**  
[www.abdn.ac.uk/study](http://www.abdn.ac.uk/study)

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Students benefit from the international reputation of the University's Business School and Computing Science Department, and strong links with industry.

# Celtic & Anglo-Saxon Studies

Celtic & Anglo-Saxon Studies at Aberdeen is a new and innovative programme, offering thorough, interdisciplinary study of the Celtic, Anglo-Saxon, and Scandinavian peoples.

## Why Choose Aberdeen?

The programme traverses the traditional boundaries of literature, history, and culture. It includes several language options and courses on aspects of Celtic literature in the modern world. (By teaching the languages, literatures and cultures of the Celtic and Anglo-Saxon worlds, this programme replaces the previous Celtic Studies and Celtic Civilisation programmes.)

> The Celtic & Anglo-Saxon Studies programme at Aberdeen is unique in Scotland, and emphasises critical thinking and small-group discussion

> Students gain not only an in-depth knowledge of history, literature, and languages, but transferable skills which will enhance their employability

> The academic staff are leading interdisciplinary researchers who have published books and articles in a wide variety of fields including Celtic, Anglo-Saxon, and Scandinavian literature and history

> Our diverse courses are designed to engage students through lectures, tutorials and seminar presentations

> Many of our students are members of the Celtic Society, one of the oldest, most famous and liveliest student societies in the University. The Society organises social and cultural events, including Welsh and Irish themed evenings and traditional music sessions

## Degree Programme Structure and Content

The MA in Celtic & Anglo-Saxon Studies is available either as a Single Honours option or as a Joint Honours degree taken with another subject, e.g. History, Archaeology, Linguistics, Literature in a World Context, English, Gaelic, or another modern language.

## First and Second Year

Our students undertake broad, introductory courses which include small-group tutorial discussions.

Courses offered include: Barbarians, Romans, Gods and Warriors; Arthur in Medieval Celtic and Scandinavian Literature; The Vikings in Celtic and Germanic Scotland; Love, Loss and Revival: Gaelic Ireland, 1700 to the Present; The Celts, their Neighbours, and the Classical World.

## Third and Fourth Year (Honours)

At Honours level, courses are focused on more specialised themes, and students give seminar presentations on assigned topics. The degree culminates in the writing of a dissertation, in which the student undertakes a substantial research project on a subject of his/her own choice. Courses offered include: Old Gaelic; Medieval Welsh; Old English language; Tales of Vengeance and Enchantment: The Heroic Age in Irish and Icelandic Saga Literature; Celtic and Anglo-Saxon Kingship and the Exercise of Authority in the Earlier Middle Ages; Dangerous Liaisons: Love, Sex and Romance in the Celtic West and the Old North; Celtic Myth in the Modern World: From Ossian to the New Age.

## Teaching and Assessment

Our staff have a wealth of teaching experience gained from universities across the world. We use a range of teaching styles, including introductory lectures, small-group tutorial discussions, student seminar presentations, and intensive language classes. Students are provided with regular feedback on their progress. Methods of assessment are varied: they include essays, examinations, tutorial participation, and language exercises.

## Your Future

Graduates gain essential skills, which include critical thinking, oral and written communication, task management, and organised and disciplined working practices. These skills are among the graduate attributes which students are encouraged to develop during their time at the University, and are crucial in a wide range of professional careers. Our graduates work in a wide variety of areas in the arts and elsewhere, including heritage management, teaching, research, librarianship, enterprise and broadcasting.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.

**UCAS Code see page 200**

## Advanced Entry

See page 82 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 & Anglo-Saxon Studies

## Joint Honours Programmes with

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

## Related Honours Programmes in

Archaeology, English, Gaelic Studies, History, Languages and Literature of Scotland

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

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 See page 40 for information

 See page 46 for information



**A new and innovative programme which traverses the traditional boundaries of literature, history and culture.**

# Computing

Computing degree programmes at Aberdeen are influenced by our internationally recognised research in artificial intelligence and advanced web technologies.

## Why Choose Aberdeen?

> Special emphasis is given to Artificial Intelligence through the semantic web, natural language generation and agent based systems

> 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, CGI, EDS and Amazon. Projects are often successfully entered for national competition

## Degree Programme Structure and Content

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 **Operating Systems** and **Languages and Computability** along with a range of options, including **Knowledge-Based Systems**, **Distributed Systems and Security**, **Adaptive Interactive Systems** and **Robotics**.

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**; **Security**; **Computational Intelligence**; **Data Mining and Visualization**; and **Natural Language Processing**.

## Industrial Placement

Industrial Placements are encouraged and available with a range of computing firms for a number of students during the summer months between their second and third year, and between their third and fourth year, as well as year-long opportunities between their third and fourth year.

Suitable students are able to participate in the Aberdeen Software Factory (ASF) and work with live clients developing their software solutions as a means to gain practical experience. ASF has worked with a wide variety of clients in Scotland.

## 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 Phillips, Hewlett Packard, EDS, CGI, Wipro, Scottish Hydro Electric, Scottish & Newcastle Breweries, British Telecom, QinetiQ, the National Health Service and local councils.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5, 5, 5 at HL\*

\*SQA Higher or GCE A Level or equivalent at Grade B or better in Mathematics is required. See table on page 83 for more information.

**UCAS Code see page 200**

## Advanced Entry

See page 82 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**  
Music

## Related Honours Programmes in

BSc Computing Science, MEng Computing Science, MA Information Systems and Business 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](http://www.abdn.ac.uk/ncs)

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 See page 40 for information

 See page 46 for information



**Strong links with industry at local, national, and multi-national levels.**

# Divinity

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 dating 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 also 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

**Introduction to the Hebrew Bible; The Founders of Christianity; The Rise of Christianity; What Does it Mean to be Human; Introduction to Christian Theology; Religion at Ground Zero; Jerusalem: Navel of the Earth.**

Sustained Studies courses of particular interest to Divinity students are: **Biblical Hebrew I and II; New Testament Greek I & II; Latin I and II.**

### Second Year

**History and Religion of Ancient Israel; The Pilgrim City; Major Christian Thinkers; Earliest Portraits of Jesus; Exploring the Traditions of Christian Ethics.**

Sustained Studies: **Hebrew Language III and IV; Reading New Testament Greek I and II; Intermediate Latin I and II.**

## Third and Fourth Year (Honours)

**Luther, Calvin and the Shaping of Protestantism; Reformation, Reason and Revolt; Scottish Theology; The Gospel and Letters of John; Comparative Semitic Linguistics; The Theology of Dietrich Bonhoeffer; Old Testament Theology; New Testament Theology; Methods and Perspectives in Biblical Interpretation; Dissertation; These Three are One; Contemporary Issues in the Study of the Hebrew Bible; Creation and Christian Ethics; Religion, Secularity and Public Life; Modern Christian Thought; The Followers of Lady Poverty; Christian Theologies of Scripture; Bioethics; Spirituality, Health and Healing.**

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 124 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.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Divinity**

## Joint Honours Programmes with

Celtic and Anglo-Saxon Studies, English, French, Gaelic Studies, German, Hispanic Studies, History, History of Art, Language & Linguistics, Philosophy, Politics, Sociology

## Related Honours Programmes in

Anthropology, Sociology

 **Course Information**  
[www.abdn.ac.uk/divinity](http://www.abdn.ac.uk/divinity)

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 See page 46 for information



**A tradition of theological study and excellence dating back to 1495.**

# Economics

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. An Economics degree also 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 looking for

- > 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, 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

There are Honours (four years) and Designated (three years) 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** study the behaviour of the individual unit in the economy, such as the consumer, worker or firm. They tackle the fundamental economic problem that resources are scarce, which forces choices regarding which goods to produce and consume.

**Macroeconomics (The Global Economy)** and **Macroeconomics 2** analyse the behaviour of the economy as a whole in order to explain the level and growth of national income, unemployment and 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. Honours students will complete a dissertation in Economics (or in their other Joint Honours subject).

## Teaching and Assessment

Course delivery is via a mixture of lectures, seminars and small group tutorials. 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.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

**S Grade/National 5/GCSE Maths**

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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, Business Management, Finance, French, Gaelic Studies, Geography, German, Hispanic Studies, History, International Relations, Legal Studies, Mathematics\*, Philosophy, Politics, Psychology, Sociology

\*Joint Honours Economics 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, Finance, Business Management, Real Estate

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

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**The first institution to introduce the Thomson Reuter simulated trading floor, through which students gain a unique hands-on experience of the financial markets.**

# English

Aberdeen offers focused, supportive teaching from internationally renowned scholars who are leaders in their field. 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, in-depth courses covering all periods of English literature plus Scottish, Irish and American literature, and creative writing with our prize-winning and published creative writing team**

> **Friendly and committed teaching staff at the forefront of research in their field**

> **Excellent library resources built up over 500 years and located in the Sir Duncan Rice Library, 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 dynamic relationship between the author, the reader and the literary text. You will follow this with **Controversial Classics**, a course focused upon some of the most powerful and controversial works of modern literature; the course examines the cultural and critical impact of each work. 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 40 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 focused discussion, and are taught in seminar groups of up to 15 students. The Honours programme includes 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.

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, speech therapy and television and radio broadcasting.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Programmes in**  
English, English and Scottish Literature

## Joint Honours Programmes with

Anthropology, Business Management, Celtic and Anglo-Saxon Studies, Divinity, Film and Visual Culture, French, Gaelic Studies, German, Hispanic Studies, History, History of Art, International Relations, Language & Linguistics, Literature in a World Context, Philosophy, Religious Studies, Sociology

## Major-Minor Programmes with

Creative Writing, 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)

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 See page 40 for information

 See page 46 for information



**The English Department offers driven and dynamic teaching delivered by world experts.**

# Environmental Humanities

Environmental Humanities at Aberdeen is a degree which uniquely focuses on the needs of our societies and environments.

## Why Choose Aberdeen?

> **Based in the heart of one of the most environmentally diverse regions of the UK, there are countless opportunities to undertake outdoor field work throughout this programme. Aberdeenshire is surrounded by miles of stunning countryside, mountains and beaches which provide endless points of focus for studies: from the Cairngorm Mountains, the Black Isle, Deeside and Don to the Highlands and Islands – there really is something for everyone. Students are actively encouraged to engage in a variety of projects which cross disciplinary, institutional and national boundaries.**

> **Students will cover an in-depth study of Environmental Humanities - not only within a variety of outdoor habitats - but also, within the oil and gas capital of Europe, where they will be encouraged to develop and articulate their own findings.**

> **Whether a scientist, artist or humanist, all students will study together in the outdoors to build collaborative skills for the long-term well-being of our planet. As students progress through the degree programme, they are also given opportunities for professional internships and practical work within real communities, ensuring when students graduate they are already equipped with “in the field” experience which is highly regarded by most employers.**

## Degree Programme Structure and Content

The Aberdeen Environmental Humanities degree is a joint degree, because in order to solve any environmental issue, it is vital to work together across a range of disciplines. At Aberdeen, you can study Environmental Humanities together with Biology, Anthropology, or History.

In each year there are two required courses:

## First Year

**Mountains and Islands.** An introduction to environmental issues through specific places. The courses look at specific environments within Scotland and how they connect to mountain and island habitats around the world.

## Second Year

**Resources and Justice.** These courses will analyse the big challenges facing our environment today: water, energy, global warming, biopiracy,

indigenous rights and pollution, as well as the powerful tools that are evolving to tackle them, including international law, grassroots protest and the role which governments and corporations play.

## Third Year

**Posthumanities and Roots and Branches.** This year of the programme will focus on key debates, tools, and themes which will be taught through lectures and workshops with experts from across the university, including the historical roots of the environmental crisis; tools for communicating and learning such as theatre, music and public art; the deep relations between biological and cultural diversity; and the importance of indigenous and local community knowledge and conservation.

## Fourth Year

**EH Seminar I & II.** This year long seminar brings together final year undergraduates with postgraduate students for in-depth study around current research projects, including biocultural diversity, protected area management, indigenous rights, and religion and the environment. Finally, there is the fourth year keystone project. Some students may be selected for an internship; some students will choose to undertake a creative project; and some will undertake a research project. All students are expected to choose a specific place, such as an estuary, valley, village or island and build their keystone project both in and about that place and its social and biological communities.

## Teaching and Assessment

This course is assessed through coursework, exams and online modules. At Honours level, students make presentations, organise outdoor events, write papers and demonstrate deeper knowledge of specific environments. Final year students submit a keystone project that brings together all these strands.

## Your Future

Students gain outstanding skills in research, collaboration and communication. At honours level, students complete challenges provided by major employers to test and build realworld skills. Students may go on to work in Government, NGOs, or corporations. This degree has been designed in consultation with leading environmental recruiters to make graduates both perceptive and effective agents for environmental change.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

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## 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, History

## Related Honours Programmes in

Geography, BSc Biology with Environmental Humanities, Sociology

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

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**Environmental Humanities at Aberdeen uniquely focuses on both the needs of society and our environments.**

# European Studies

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. While the first, second and fourth years are spent in Aberdeen, the third year is spent abroad.

## Why Choose Aberdeen?

- > The Aberdeen European Studies degree is a well-established programme with over 30 years of experience and 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 **European History** and in one or two languages chosen from **French, Gaelic, German** and **Spanish**. Additionally, students choose from a wide range of courses in **Politics/International Relations, Sociology, Law** or **Economics**.

### Second Year

All students continue with one or two language courses. Additionally, 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 attend approved university courses. In their final year, students may opt for one or both of their two languages; they take one compulsory course (the dissertation, a research paper on a subject chosen during the year abroad) and choose from a wide range 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.

## Minimum Requirements:

SQA Highers: **AABB**      A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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, History, Politics/International Relations, Sociology

 **Course Information**  
[www.abdn.ac.uk/study](http://www.abdn.ac.uk/study)

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 See page 46 for information



**A fully interdisciplinary approach, combining the study of Social Sciences with the application of language skills.**

# Film and Visual Culture

Film and Visual Culture at Aberdeen offers students a rigorous training in the history and theory of the moving image, as well as the shifting terrain of twenty-first century visual culture.

## Why Choose Aberdeen?

- > **Film and Visual Culture at Aberdeen offers a unique programme that combines the close analysis of visual objects and artefacts – analogue and digital, moving and still, underground and mainstream – with theories of visual representation, production, and circulation**
- > **Our curriculum emphasises comparative thinking and theoretical reflection, as well as an integrated approach to creative practice**
- > **Our aim is to train students to become active participants in their own visual culture, as careful scholars and creative practitioners. Film and Visual Culture students learn to think within the movements of cinema and to pursue questions beyond the film frame**

## 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 **Minor Cinemas; Visual Art and Science; Global Silent Cinema; Comic Cinemas; Labour, Leisure and the Moving Image; Media Archaeology and Historiography; Sound Theory in Cinema and New Media;** and **The Animate**. 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**. 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. Weekly tutorials, however, 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 MyAberdeen 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.

## Minimum Requirements:

SQA Highers: **AABB**      A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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, Celtic and Anglo-Saxon Studies, English, French, Gaelic Studies, German, Hispanic Studies, History, History of Art, International Relations, Philosophy, Sociology

## Related Honours Programmes in

English, History of Art, Sociology

 **Course Information**  
[www.abdn.ac.uk/film](http://www.abdn.ac.uk/film)

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 See page 40 for information

 See page 46 for information



**Aberdeen students learn to think within the movements of cinema and to pursue questions beyond the film frame.**

# Finance

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 important ideas in the discipline of 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

We offer a four year Joint Honours degree in Finance, and a three year Designated joint degree in Finance.

The Business School is aware that we need to prepare you for the future. The four year degree provides a background for the career possibilities ahead, with flexibility to build on your strengths and tailor your degree.

## 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.** Students will also have the opportunity to choose options from both within the Business School and across the University.

## 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, Honours students write a dissertation on an aspect of Finance (or on their other Joint Honours subject).

## 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 great demand for our graduates.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

**S Grade/National 5/GCSE Maths**

See table on page 83 for more information.  
**UCAS Code see page 200**

## 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 Programmes with** Accountancy, Business Management, Economics, French, German, Hispanic Studies, International Relations

**Related Honours Programmes in** Accountancy, Business Management, Economics, Real Estate

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

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The first institution to introduce the Thomson Reuter simulated trading floor, through which students gain a unique hands-on experience of the financial markets.

# French

French 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?

- > We offer language courses both for students with qualifications in French and for beginners or near beginners
- > The discipline has an international reputation for research, covering not just France, but Francophone Africa and the 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

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 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 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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5, 5, 5 at HL\*

\*No previous qualification in French is required for entry to the beginners' course. For other level 1 courses, a pass in French at Higher or A Level (or equivalent) is required. See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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** French

**Joint Honours Programmes with** Accountancy, Anthropology, Business Management, Celtic and Anglo-Saxon 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, 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** Behavioural Studies, Music Studies, Psychology

 **Course Information**  
[www.abdn.ac.uk/french](http://www.abdn.ac.uk/french)

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 See page 40 for information

 See page 46 for information



French was rated 'Excellent' in the most recent National Teaching Quality Assessment.

# Gaelic Studies

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 discipline 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
- > One of the best places in the world to learn Gaelic as a complete beginner or polish your skills to professional level if you already know the language
- > Enthusiastic and knowledgeable staff with a wealth of teaching experience
- > 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

There are Single and Joint Honours degrees (four years) and a Designated degree (three years) in Gaelic Studies.

## First and Second Year

Students in Gaelic Studies join one of two Scottish Gaelic language streams: one for those with little or no prior knowledge of Gaelic and one for students with a prior qualification in Gaelic. 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 branch 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.

## Gaelic Initiatives

The University has adopted a Gaelic Language Plan to help all students learn and use Gaelic, and a number of exciting developments are underway to enhance the student experience. To learn more, visit [www.abdn.ac.uk/gaelicplan](http://www.abdn.ac.uk/gaelicplan)

## Your Future

Employment opportunities for graduates fluent in Scottish Gaelic are very good. Broadcasting, teaching, lecturing, Gaelic development, arts management, 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.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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**

**Joint Honours Programmes with** Anthropology, Business Management, Celtic and Anglo-Saxon Studies, Divinity, Economics, English, Film and Visual Culture, French, Geography, German, Hispanic Studies, History, History of Art, Language & Linguistics, Literature in a World Context, Politics, Religious Studies, Sociology

**Major-Minor Programmes with** Mathematics\*, Psychology

\*Mathematics with Gaelic Studies - SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

**Related Honours Programmes in** English, English and Scottish Literature, European Studies, French, German, Hispanic Studies, Scottish Studies

 **Course Information**  
[www.abdn.ac.uk/gaelic](http://www.abdn.ac.uk/gaelic)

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 See page 40 for information

 See page 46 for information



**With a strong reputation as one of the best places to learn Gaelic, the programme at Aberdeen is open to all levels – from beginners to native speakers.**

# Geography

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 the perfect 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
- > Many courses in human geography draw directly on the staff's own research into transport, digital technologies, 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; Space, Economy & Society; 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.

## 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 balances 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.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 for more information.

## Can We Help?

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

## Your Study Options

**Single Honours Programme in Geography**

**Joint Honours Programmes with** Anthropology, Business Management, Celtic and Anglo-Saxon Studies, Economics, French, Gaelic Studies, German, Hispanic Studies, History, International Relations, Sociology

It is also possible to study Geography combined with other science subjects as a BSc degree. See page 175 for more information.

 **Course Information**  
[www.abdn.ac.uk/geography](http://www.abdn.ac.uk/geography)

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 See page 40 for information

 See page 46 for information



**Surrounded by such diverse mountain, lowland and coastal environments, Aberdeen is the perfect location for the study of Geography.**

# German

German at Aberdeen has an outstanding reputation, having been rated 'Excellent' (the highest possible rating) in the last National Teaching Quality Assessment.

## Why Choose Aberdeen?

> **The discipline takes a multi-disciplinary approach with courses covering German film and visual culture, gender studies, literature and history**

> **Courses focus on Germany, Austria and Switzerland**

> **A small, friendly department with a flourishing German Club and a Drama Group that puts on an annual play in German**

> **The University Library has extensive German holdings**

## Degree Programme Structure and Content

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.

Joint Honours involving German are available either as Mode A degrees (5 years) including a full academic year spent in a German-speaking country, or as Mode B degrees (4 years) including half an academic year spent in a German-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 German-German and German-Hispanic Studies/French, one half-session is spent in a German-speaking country, and one half-session in a country in which the other language is spoken.

## 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 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 literary, social and cultural matters of the German-speaking countries in the twentieth century, together with the study of modern German texts.

## The Year Abroad

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 for summer schools on a competitive basis.

## 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: **Exile Studies; Images of Childhood; Love, Marriage & Adultery in German Literature; National Socialism; Film and Text; The German Detective Story; Travel and Tourism in German Literature;** and many more.

## Teaching and Assessment

Teaching is generally in small groups (seminars/tutorials), especially at Honours level. 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 discipline 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.

## Minimum Requirements:

SQA Highers: **AABB\***      A Levels: **BBB\***

IB Points: **32** including 5, 5, 5 at HL\*

\*There is no formal language 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 83 for more information.

**UCAS Code see page 200**

## Advanced Entry

See page 82 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, Business Management, Celtic and Anglo-Saxon Studies, 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, Mathematics\*, Philosophy, Politics, Religious Studies, Sociology

\*Joint Honours German and Mathematics – SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

**Major-Minor Programmes with** 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 Mathematics, Physics and Psychology

 **Course Information**  
[www.abdn.ac.uk/german](http://www.abdn.ac.uk/german)

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# Hispanic Studies

Hispanic Studies at the University focuses both on Spanish language and Hispanic cultures in Spain and Latin America.

## Why Choose Aberdeen?

> **Hispanic Studies at Aberdeen is a dynamic and successful department. Its national teaching rating is 'excellent'**

> **Courses give equal weight to the study of Spanish and Latin-American cultures**

> **The Department's programmes are multidisciplinary; students have the opportunity to study visual culture, literature, history, politics and anthropology in relation to Spain and/or Latin America**

> **Spanish is now the second most widely-used language after English in the Western Hemisphere, and is currently spoken by over 350 million native Spanish-speakers in nineteen Latin American states and a large part of the Iberian Peninsula. Not only is it the second language in many parts of the USA, but Spanish is also the fastest growing modern language in the UK.**

## Degree Programme Structure and Content

There is an Honours degree, and a Designated degree in Hispanic Studies.

Single Honours in Hispanic Studies, and most Joint Honours involving Hispanic Studies, are available either as Mode A degrees (5 years) including a full academic year spent in a Spanish-speaking country, or as Mode B degrees (4 years) including half an academic year spent in a Spanish-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 Hispanic Studies-German and Hispanic Studies-French, one half-session is spent in a Spanish-speaking country, and one half-session in a country in which the other language is spoken.

## 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.



**Hispanic Studies at Aberdeen is a dynamic and successful department offering courses which give equal weight to Spain and Latin America.**

## 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** or **Modes of Reading**. 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 of 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**.

## 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, including journalism, marketing and business, draw on the more general academic and personal skills that the degree fosters as well as the language skills and the area expertise.

## Minimum Requirements:

SQA Highers: **AABB\***      A Levels: **BBB\***

IB Points: **32** including 5, 5, 5 at HL\*

\*There is no formal language 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 83 for more information.

**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Programmes in** Hispanic Studies (Latin America), Hispanic Studies (Spain)

## Joint Honours Programmes with

Accountancy, Anthropology, Business Management, Celtic and Anglo-Saxon Studies, 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, 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 Mathematics or Physics.

 **Course Information**  
[www.abdn.ac.uk/spanish](http://www.abdn.ac.uk/spanish)

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 See page 40 for information

 See page 46 for information

# History

History is one of the richest disciplines that one can study. Combining breadth with depth and rigour with creativity, it involves examining all aspects of human activity in the past.

## Why Choose Aberdeen?

- > Aberdeen boasts one of the oldest, and also one of the most innovative, History departments in the United Kingdom
- > 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
- > Student satisfaction rates are particularly high for History at Aberdeen, currently 95%, way above the national average of 86%. In the last teaching quality assessment the discipline was rated 'Highly Satisfactory'

## Degree Programme Structure and Content

There is an Honours (four years) and a Designated (three years) degree in History.

### First Year

Our first year provides a broad historical foundation with students selecting to study outline courses in Medieval, Early Modern and Modern Scottish and European History. 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; Global Empire in the Long 19th Century; History and Philosophy of Science I & II.**

### Third and Fourth Year (Honours)

At level 3, a core course, **Thinking History** will acquaint students with a variety of historical approaches and perspectives. Students take further optional courses taught by individual members of staff offering focused study of a theme or period. The list of courses includes:

Medieval: **Men, Women & Eunuchs: Gender and Identity in Late Antiquity; Back in the Viking Homelands; Lawyers and Lechers in the Middle Ages; Old Norse Language and Society; Late Medieval England, 1272-1509.**

Early Modern: **Germany, 1516-1806; 'World City': London in the Long Eighteenth-Century, 1688-1832; Plague, Poison and Persecution, c.1348-1700; The Scientific Revolution;**

The Enlightenment in France, Britain and Ireland; Aztecs, Mayas and Incas.

Modern: **The Scottish Highlands and Islands; The Making of Modern Ireland; Scotland: A Sociological History; Germany, 1806-1914; Imperial Russia, 1801-1914; Power and Traditions: France, 1799-1900; World War I: International Perspectives; The Third Reich; Soviet Russia, 1917-1991; Decolonization: The British Experience; Republican China.**

Level 3 students will also be able to choose from a range of Enhanced Studies courses, including a recommended course on the **Classical World of Rome and Greece** and its lasting influence.

At Senior Honours, students take a further optional course, a public history project/applied history course, **History in Practice**, and the **Special Subject**. The Special Subject involves focused study drawing extensively on primary sources. During the fourth year, students put their historical skills into practice by writing a dissertation on a topic of their choice.

In addition, in fourth year, History in Practice students may undertake a work placement during the Easter vacation.

## Teaching and Assessment

In first and second year, teaching involves two one-hour lectures per week and eight hour-long tutorials. At Honours level students are assessed on a variety of skills, including team work, presentational and analytic skills and engagement with historical debate. Courses are assessed by examination alone, by continuous assessment alone, or by a combination of examination and continuous assessment. All courses are supported by extensive online materials delivered through Aberdeen's Virtual Learning Environment, MyAberdeen.

## Your Future

History graduates acquire qualities highly praised by employers: independence, the ability to research, critical analysis, and clarity of expression, as well as the understanding of different aspects of human society and culture, which historical education develops. As a result, our History graduates go on to careers in almost every field including politics, law, business, journalism and the media, education, NGOs, and the heritage sectors.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information. **UCAS Code see page 200**

## Advanced Entry

See page 82 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**

**Joint Honours Programmes with** Anthropology, Archaeology, Business Management, Celtic and Anglo-Saxon Studies, Divinity, Economics, English, Film and Visual Culture, French, Environmental Humanities, Gaelic Studies, Geography, German, Hispanic Studies, History of Art, International Relations, Legal Studies, Philosophy, Politics, Religious Studies, Sociology

**Major-Minor Programme with Music Studies**

**Related Honours Programmes in** Archaeology, English, History of Art, Politics & International Relations, Scottish Studies

 **Course Information**  
[www.abdn.ac.uk/history](http://www.abdn.ac.uk/history)

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 See page 46 for information



# 95%

## Student Satisfaction

Source: National Student Survey 2014

# History of Art

History of Art examines the art of all periods. This includes buildings, sculptures, drawings, paintings, prints, the decorative and industrial arts. At Aberdeen we focus on Western and Eastern European art and architecture, with an option in 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 field trips take place at each level to visit major galleries and architecture. Destinations include 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**

## Degree Programme Structure and Content

There is an Honours (four years) and a Designated (three years) degree in History of Art.

### First Year

Students aiming for an Honours degree take both of our first year courses.

**Introduction to Art History** explores the history of art from classical Greek art to 19th century photography in Britain. Focusing on key movements and locations, this course introduces many 'landmark' works across Europe to new students.

**Modern and Contemporary Art** focuses on the period 1850 to the present day emergence and development of Modernism in Western art, discussed through an examination of themes such as the changing role of the artist.

### Second Year

**Romans to Renaissance: Goths to Gothic** covers painting, sculpture and architecture from the period 200-1600, with a special emphasis on the Mediterranean and Northern Europe.

**European Baroque: from Caravaggio to Rembrandt** examines in detail European art of the 17th century and includes a fieldtrip to Edinburgh.

**In the Flesh: Art on Location** takes students to a range of locations to view art in situ. The course is based on a series of visits to see original works (including architecture, sculpture and painting) in Aberdeen and Edinburgh.

## Third and Fourth Year (Honours)

Courses currently available include: **Scottish Painting; American Modernism; Early to mid-19th Century Art; Late 19th and Early 20th Century French Art; Caravaggio; Netherlandish Painting; Italian and Northern Renaissance; Romanesque and Country House Architecture; Early Insular Art (British 600-900); Tudor and Stuart; 18th-Century British Art; 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 currently includes tutor-led visits to London and Paris.

## Teaching and Assessment

In first year, students attend lectures and tutorials and undertake tutor-led visits to see art 'in the flesh'. Students take visual-based assessments and write essays for each course.

In second year, students attend lectures and tutorials as well as working in small groups to give group presentations. There are also opportunities for tutor-led field trips. Students undertake a combination of essay and visual-based assessments.

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

Many 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.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information. **UCAS Code see page 200**

## Advanced Entry

See page 82 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** Archaeology, Celtic and Anglo-Saxon Studies, Divinity, English, Film and Visual Culture, French, Gaelic Studies, German, Hispanic Studies, History, Religious Studies

**Related Honours Programmes in** Film and Visual Culture, History

 **Course Information**  
[www.abdn.ac.uk/hoart](http://www.abdn.ac.uk/hoart)

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 See page 40 for information

 See page 46 for information



The degree at Aberdeen offers field trips at every level, focusing on first-hand experience.

# Language & Linguistics

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 lies at the heart of human interaction and is a defining human trait that sets us apart from all other species. 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.

> A vibrant linguistics research and teaching community

> Excellent learning facilities

> A programme designed to develop analytical and practical skills 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 **English Structure and Use** or **Communication and Language in Contemporary Society** (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

**Sounds of English; Words and Meanings: Lexis and Semantics; Morphology and Syntax.** Students may also take **Introduction to French Linguistics** or **Philosophy of Language** if they have studied prerequisite courses in **French** or **Philosophy** in first year.

## Third and Fourth Year (Honours)

At Honours level there are a number of Language & Linguistics courses available dealing with topics such as **First and Second Language Acquisition; Phonetics; Language Variation and Change; Discourse Analysis; Research Methods in Language and Linguistics; Sociophonetics; Language and the Professions; Dissertation in Language and Linguistics; The Sociology of Language; Language Contact and Change in Language.**

## 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 one taught Masters programme: Professional Communication. A further MSc in the Teaching of English as a Second or Other Language will be available from session 2015-16. It is also possible to complete an MLitt by Research in Linguistics.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Language & Linguistics**

## Joint Honours Programmes with

Celtic and Anglo-Saxon Studies, Divinity, English, French, Gaelic Studies, German, Hispanic Studies, International Relations, Philosophy, 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)

 **universityofaberdeen**

 **@aberdeenuni**

 See page 40 for information

 See page 46 for information



A diverse degree, taught from within a vibrant language and linguistics research community.

# Languages and Literature of Scotland

Languages and Literature of Scotland allows students to combine courses from the disciplines of Gaelic 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 two streams: one for those with little or no prior knowledge of Gaelic and one for students with a prior qualification in Gaelic. 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 Gaelic, 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 **Gaelic** 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 alongside the end-of-year examination. In other courses in Gaelic, 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.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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 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/english](http://www.abdn.ac.uk/english)  
[www.abdn.ac.uk/gaelic](http://www.abdn.ac.uk/gaelic)

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 See page 40 for information

 See page 46 for information



A unique and diverse degree, grounded in strong research interests in Scottish literature, language and linguistic traditions.

# Legal Studies

Legal Studies is a Joint degree which allows students to take Legal Studies alongside a wide range of other subjects, and is an attractive degree for students who wish to combine a study of the law with another discipline.

## 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).

- > Law School ranked 12th in the UK in the *Complete University Guide 2015*
- > Excellent academic reputation
- > Wide choice of Law options
- > Over 50 Honours options
- > Student-led Law Clinic
- > Student Law Review
- > Opportunities to study in continental Europe

## Degree Programme Structure and Content

Legal Studies is half of a Joint Honours degree. 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; Legal Theory; European and International Law** or **Criminology and Criminal Justice**.

Subjects range from **Criminal Law** or **Public Law 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 **Scottish Legal History** or **International Law** 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, there are generally no more than 12 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 our LLB 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.

## Minimum Requirements:

SQA Highers: **AABB**      A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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** Accountancy, Business Management, Economics, French, German, Hispanic Studies, History, International Relations, Philosophy, Politics, Psychology

 **Course Information**  
[www.abdn.ac.uk/law](http://www.abdn.ac.uk/law)

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 See page 40 for information

 See page 46 for information



**Law School ranked 12th in the UK in The Complete University Guide 2015.**

# Literature in a World Context

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 and the arts in the age of globalization and new media.

## Why Choose Aberdeen?

> **Lead by scholars at the cutting-edge of reflection on literature and its role in the 'world out there', you will study renowned literary works from the classics to the contemporary period, as well as in the context of new understandings of the political at the national and international levels, and within the framework of intellectual history**

> **If you are interested in how literature and the arts shape and challenge our understanding of the world as well as the cultivation of a rich intellectual life at university, then this is the ideal programme for you**

## Degree Programme Structure and Content

Two of three possible core courses are offered each year. At Level 1: **Literature in the Classical World; Creative Practices; Encountering Global Change**. These courses provide an introduction to the programme, showing how literature takes a vital place in shaping our sense of self and world, in relation to both the ancient and contemporary classics of world literature.

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 choose from possible core courses: **Literature and the Political; Technologies of Transmission; Literature and Art in Intellectual History; The Art of Performance; Modernism/Modernity: The Shock of the New; Specialised Study in LWC**. 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.

## Minimum Requirements:

SQA Highers: **AABB**      A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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** Literature in a World Context

**Joint Honours Programmes with** Celtic and Anglo-Saxon Studies, English, French, Gaelic Studies, German, Hispanic Studies

## 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)

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 See page 46 for information



**A unique and exciting undergraduate programme, unlike any offered by other universities in the UK.**

# Mathematics

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, rigour 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

There are four compulsory courses: **Calculus I and II**, **Algebra** and **Set Theory**. The first three lead on from school mathematics, while **Set Theory** introduces the language of modern mathematics. There are two optional courses: **Geometry**, which discusses classic results about elementary geometry in a rigorous way, and **Combinatorics**, which is the modern mathematics of counting.

## Second Year

Students take up to six mathematics courses. Four of the courses are compulsory. Of these, two are **Analysis** courses and the other two are **Linear Algebra**. The optional courses are **Advanced Calculus** and **Probability Theory**.

The two Analysis courses consolidate student 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 Linear Algebra courses focus 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. The Advanced Calculus course focuses on more computational aspects of multivariable calculus.

## 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, discussing advanced topics of **Linear Algebra** or **Topology**.

## Fourth Year (Senior Honours)

In fourth year 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.

It is also possible to study Mathematics as a BSc degree. See page 181 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.

## Minimum Requirements:

SQA Highers: **AABB**      A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

SQA Higher or GCE A Level or equivalent qualification in Mathematics is required.

See table on page 83 for more information.

**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Programmes in Mathematics**

**Joint Honours Programmes with Business Management, Economics, French, German, Hispanic Studies, Philosophy**

**Major-Minor Programmes with Gaelic**

**Related Honours Programme in BSc Applied Mathematics**

**Course Information**  
[www.abdn.ac.uk/mathematics](http://www.abdn.ac.uk/mathematics)

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The research expertise of our Mathematics Department is internationally recognised in both Pure and Applied areas.

# Music Studies

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. There is also a full Balinese Gamelan, Steel Pans and Samba/Salsa instruments

> 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**, **Theory**, **Musicianship** and a broad overview 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 **Analysing Music** and **Musicology**. They may also choose to take other music courses.

## Third and Fourth Year (Honours)

Students have the opportunity to choose from a wide range of options, including performance, composition and courses reflecting the research expertise of staff. Students either write a dissertation in their main subject or undertake a project in music.

The University also offers courses in Music in its BMus Honours programme. See page 120 for more information.

## 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 120 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 prepares 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.

## Minimum Requirements:

SQA Highers: **AABB**      A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.

**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Programmes with Music as the Minor with:** English, French, German, Hispanic Studies, History, Philosophy

**Course Information**  
[www.abdn.ac.uk/music](http://www.abdn.ac.uk/music)

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See page 40 for information

See page 46 for information



Staff at Aberdeen include world renowned composers and musicologists.

# Natural Philosophy (Physics)

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

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.

## 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.

## Minimum Requirements:

SQA Highers: **AABB\***      A Levels: **BBB\***

IB Points: **32** including 5, 5, 5 at HL\*

\*SQA Higher or GCE A Level or equivalent qualification in Mathematics and Physics are required. See table on page 83 for more information.

**UCAS Code see page 200**

## Advanced Entry

See page 82 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

## 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)

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 See page 40 for information

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Long tradition of teaching natural philosophy combined with a modern degree structure.

# Philosophy

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 just as much the study of reasoning and argumentation 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 nature of course materials and the staff who deliver them**

> **New students can choose from a varied menu including Moral Philosophy; Informal and Formal Reasoning; Metaphysics; Epistemology; the Philosophy of Science and History of Philosophy**

## Degree Programme Structure and Content

There are various Honours degrees (four years) and a Designated degree (three years) in Philosophy.

## First Year

Level 1 courses are **How Should One Live?; Philosophy and Science, Controversial Questions; and Experience, Knowledge and Reality**.

## Second Year

The Philosophy curriculum at level 2 is devoted to more advanced courses in **Metaphysics; Epistemology; Philosophy of Religion; Philosophy of Science and Practical 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 levels 3 and 4. Options offered reflect the interests of members of staff and have recently included **Global Justice; Ancient Ethics; Skepticism; Scientific Methodology; Philosophy of Biology; Kant's Critique of Pure Reason; Philosophy of Time; Advanced Logic; Metaphysics; Free Will and Moral Responsibility; Philosophy of Language; Metaphilosophy; Emergence and Reduction; Hume's Enquiries**.

## Teaching and Assessment

We offer 15 credit courses at all levels. In addition, many courses are offered on a 30 credit basis at levels 3 and 4 in which students attend lectures together, but take tutorials and seminars separately. Teaching in philosophy comes in three principal forms: lectures, tutorials and seminars. In tutorials, students are part of a relatively small group of 10 or 15 who meet for focused 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 discipline is usually conducted through assessed 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 develop an informed opinion on a wide variety of issues. 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.

## Minimum Requirements:

SQA Highers: **AABB**      A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.

**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Mental Philosophy**

## Joint Honours Programmes with

Anthropology, Behavioural Studies, Celtic and Anglo-Saxon Studies, Divinity, Economics, English, Film & Visual Culture, French, German, Hispanic Studies, History, Language & Linguistics, Legal 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 (Physics)**

 **Course Information**  
[www.abdn.ac.uk/philosophy](http://www.abdn.ac.uk/philosophy)

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 See page 40 for information

 See page 46 for information



Philosophy has been taught at Aberdeen since 1495 – famous moral philosophers have included Thomas Reid and James Beattie.

# Politics & International Relations

Politics & International Relations at Aberdeen is unique in Scotland in bringing together these two cognate, but distinct, subjects. Teaching and research are both enhanced by this framework and students enjoy being at the forefront of contemporary debate.

## Why Choose Aberdeen?

- > 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 Comparative Political Parties and Elections; Cross National Surveys, Democracy and Democratisation; Energy Politics; European Integration and Regionalism; European Politics; Human Rights and Development Issues; Interest Groups; Modernity and Religion; International Political Economy; Regional IR (with specific focus on Japan, Latin America, and the Middle East); and Security Studies
- > 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

There is a four year Honours degree in Politics & International Relations, and a Designated Degree in Political Studies which can be obtained after three years of study.

### First Year

#### Introduction to Politics and International Relations 1 and 2

Across the two level 1 courses, students will consider contemporary issues and relate them to key themes in Politics and International Relations. In this way, the courses establish the conceptual building blocks of the discipline including the state, sovereignty, democracy, representation, governance, institutions and key political actors.

### Second Year

#### Ideas and Ideologies in Politics and International Relations

The course introduces students to key ideas and theoretical approaches in Politics and International Relations, from major ideological approaches like liberalism and socialism to the key theoretical perspectives that have shaped the discipline.

#### Global Politics: Equality and Inequality

The course explores patterns of global wealth and inequality and their consequences.

This involves an examination of human and economic rights, culture, migration and citizenship.

### Third and Fourth Year (Honours)

At Honours level, students can choose to study a Single Honours degree in Politics AND International Relations, or to complete a joint degree (Politics OR International Relations PLUS another discipline). All of our honours students will be trained in the skills of research and methodology, including qualitative and quantitative methods, through the course 'Researching in the Twenty-First Century'.

Students then choose from a large number of Honours options and write a dissertation in their final year. Joint Honours students may write their dissertation in their other subject. Honours options in Politics and International Relations currently include: **International Peace; Nordic Politics; The Politics of Democratic Spain; Political Parties in Britain; Soviet and Post-Soviet Russian Foreign Policy; US Foreign Policy; International Terrorism, Counterterrorism and International Relations; Middle East Politics; The Extreme Right in Western Europe; Political Islam: Islamist Ideologies and Practices; Energy & Climate Politics; Arab-Israeli Relations; War and Peace in International Politics; Democratisation; Nationalism in Modern Europe; Memory and Politics of the Past; Wealth, Poverty and International Order; Soviet Successor States in Global Politics; Deconstructing Peace and Conflict: The End of Utopia; Between Conflict and 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, quizzes and other techniques are used. Students are expected to write a dissertation in their final year.

### Your Future

Politics & 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, diplomacy, foreign affairs, industry, journalism and other professions.

### Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

### Advanced Entry

See page 82 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

**Joint Honours Programmes with Politics and:** Anthropology, Business Management, Divinity, Economics, French, Gaelic Studies, German, Hispanic Studies, History, International Relations, Legal Studies, Philosophy, Religious Studies, Sociology

**International Relations and:** Anthropology, Business Management, Economics, English, Film and Visual Culture, Finance, French, Geography, German, Hispanic Studies, History, Language and Linguistics, Legal Studies, Politics, Religious Studies, Sociology

 **Course Information**  
[www.abdn.ac.uk/pir](http://www.abdn.ac.uk/pir)  
**General Information**  
[www.abdn.ac.uk/study](http://www.abdn.ac.uk/study)

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 See page 40 for information

 See page 46 for information



An active research culture takes students to the forefront of contemporary debate.

# Psychology

Psychology is the science of mental processes and behaviour. It covers a wide range of theoretical and applied disciplines including cognition, perception, language, mental health, lifespan development, neuropsychology, the dynamics of social groups, and psychometric testing including the measurement of personality and intelligence.

## 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 and visual neuroscience
- > The School is the oldest in the UK. Founded over 100 years ago, it maintains a strong commitment to providing a supportive and stimulating environment for undergraduate studies

## Degree Programme Structure and Content

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; Psychology of Emotion; Evolutionary Psychology; 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 four options, from the following list: **Cultural Evolution; Visual Awareness; Advanced Topics in Language; Abnormal Psychology; Human Factors; Brain and Body; Forensic Psychology; The Neuroscience of Music; Applied Psychology in the NHS and Social Dynamics.**

## 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 189 and 159 respectively 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)

### Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

### Advanced Entry

See page 82 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** Psychology

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

**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)

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 See page 40 for information

 See page 46 for information



The School is the oldest in the UK, providing a fully accredited degree programme covering a wide range of topics.

# Real Estate

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?

- > 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
- > 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 looking for
- > In recent years teams from Aberdeen have represented the University at the prestigious 'Cornell International Real Estate Competition', run in New York, USA

## Degree Programme Structure and Content

Both Single and Joint Honours Real Estate programmes are accredited by the *Royal Institution of Chartered Surveyors (RICS)*.

We offer a four year Single or Joint Honours degree in Real Estate, and a three year Designated degree in Real Estate.

## 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)

Courses include **Applied Valuation; Real Estate Portfolio Investment; Research Methods for Business; Housing Economics** and **International Real Estate**. Students are also required to complete a dissertation in Real Estate or in their other Joint Honours subject.

## 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.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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 Programme with Business Management**

**Related Honours Programmes in Accountancy, Business Management, Economics, Finance,**

## Professional Accreditation

*The Royal Institution of Chartered Surveyors*

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

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 See page 40 for information

 See page 46 for information



The first institution to introduce the Thomson Reuter simulated trading floor, through which students gain a unique hands-on experience of the financial markets.

# Religious Studies

Religious Studies is the comparative study of the major and local religious traditions of the world. The kinds of issues raised are of the origin, function and meaning of religion (and not of the truth of religion). It is distinct from Divinity or Theology as it is not committed to a single 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, Europe and the Americas, the Hindu, Buddhist, Sikh and Jain movements of Asia, or the 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 aim of Religious Studies is to introduce students to both the variety of religions worldwide and the variety of ways of studying them

> The approaches used are social scientific: anthropological, sociological, political and psychological as well as philological, philosophical and historical

## 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; Economic and Psychological Theories of Religion; Religions of the World III; Religions of the World IV.**

## Third Year and Fourth Year

**Myth; Buddhist Philosophy: Mahayana Theory and Application; Gender and Queer Approaches to the Study of Religion; Atheism; Quran; The Life of Muhammad; The Image of Jesus in the Quran and Muslim Tradition; Stories of the Prophets in Islam; Understanding Confucianism; Reading Confucian, Daoist and Buddhist Source Texts; Critical Theories of Religion: The Frankfurt School; Understanding New Religious Movements.**

## 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.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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 and Anglo-Saxon Studies, English, French, Gaelic Studies, German, Hispanic Studies, History, History of Art, International Relations, Philosophy, Politics, Sociology

 **Course Information**  
[www.abdn.ac.uk/religious\\_studies](http://www.abdn.ac.uk/religious_studies)

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 See page 40 for information

 See page 46 for information



A tradition of theological study and excellence dating back to 1495.

# Scottish Studies

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 and Gaelic disciplines, 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 disciplines in 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 disciplines, 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

Scottish Studies is a General Honours degree taught jointly by the disciplines of 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; The Gaelic Novel.**

## 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 other courses in Gaelic, 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 tutorials 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 your 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.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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/english](http://www.abdn.ac.uk/english)  
[www.abdn.ac.uk/gaelic](http://www.abdn.ac.uk/gaelic)  
[www.abdn.ac.uk/history](http://www.abdn.ac.uk/history)

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 [@aberdeenuni](https://twitter.com/aberdeenuni)

 See page 40 for information

 See page 46 for information



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.

# Sociology

Sociology is the study of modern societies – how they have developed over time, what they are like at the present time, and what challenges they face now and in the future. Students learn to adopt the 'sociological imagination', which shows how society shapes individuals in all sorts of profound ways. 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. 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). It is one of the very best places to study sociology in the UK, as evidenced by students' feedback on our teaching
- > 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

There is a four year Honours degree and a three year 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 made and remade 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 identity interaction, inequality, social organisation, conflict, media and politics.

### Second Year

The second year extends the analysis of the 'sociological imagination' and looks at a range of contemporary social issues that face societies all across the world at the present time.

Students are shown how sociology is both analytically sophisticated and attuned to all of the biggest challenges the world faces today. Topics covered can include issues such as consumerism, the body, fashion, health, food and globalization, work and the economy.

### Third and Fourth Year (Honours)

In the third year, students take courses in the core areas of sociology, namely **Research Methods and Sociological Theory**. Employers particularly value the emphasis we place on research methods, which allow students to carry out their own social research projects. In the fourth year, students begin their individual research projects and choose from a range of option courses such as **Body Work and Body Workers; Political Sociology; European Societies; Religion and Culture; Religion and Politics; Between Conflict and Peace: Transitions in Society and Politics; Animals and Society** and **Sociology of Contemporary European Social Movements**. Single Honours students undertake a Research Project, carrying out their own independent research in which they draw on the research methods they have been trained in during the third year and are supervised by an academic with expertise in that area.

## 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, management, marketing and advertising, local and national government, social research institutions, teaching, health services, social work, charitable organisations, human resources, market research and university and college lecturing.

## Minimum Requirements:

SQA Highers: **AABB** A Levels: **BBB**

IB Points: **32** including 5, 5, 5 at HL

See table on page 83 for more information.  
**UCAS Code see page 200**

## Advanced Entry

See page 82 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**

## Joint Honours Programmes with

Anthropology, Behavioural Studies, Business Management, Celtic and Anglo-Saxon Studies, Divinity, Economics, English, Film and Visual Culture, French, Gaelic Studies, Geography, German, Hispanic Studies, History, International Relations, Language & Linguistics, Philosophy, Politics, Psychology, Religious Studies

## Related Honours Programmes in

Anthropology, Divinity, Economics, Film and Visual Culture, Politics and International Relations

## Course Information

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

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

 [@aberdeenuni](https://twitter.com/aberdeenuni)

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The Department has an international reputation for its research.

# Degrees in **Music**

**BMus** with Honours

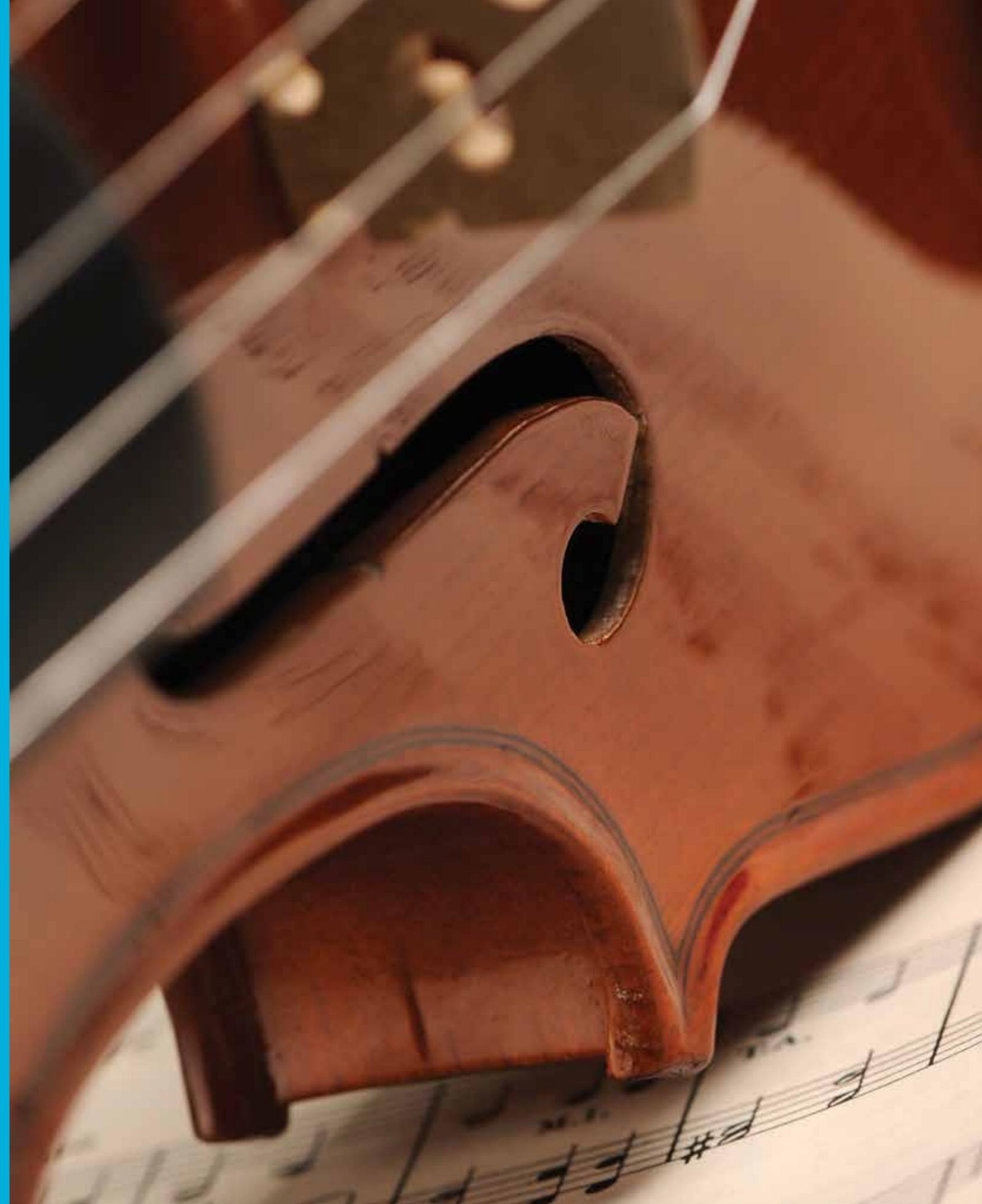
**BMus** with Honours  
(Education)

**BMus** with Honours  
(Music and Communities)

**MA** Music Studies  
(See page 111)

**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 and a collection of historical instruments.**

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



# Music

## Why Choose Aberdeen?

- > **We are an expanding area with a vibrant and friendly atmosphere**
- > **Instrumental/vocal courses are available in all years of the programme and tuition costs are normally covered by the University**
- > **Our academic staff are internationally-recognised experts in Composition, Performance, Musicology, Music Education and Music & Communities**
- > **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 Kirkman harpsichord and violins designed and made by Joseph Ruddiman from the eighteenth century**
- > **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 an 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

Following core music studies, in which students are able to develop skills in performance, composition, musicianship and music history, one of three Honours programmes is chosen. BMus with Honours is a music degree; the BMus with Honours (Education) programme leads to a qualification to teach in secondary schools and the BMus with Honours (Music & Communities) applies 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, digital musicianship, music theory, harmony and analysis, composition, music history and musicology. The first year provides a foundation for further study and includes the courses **Key Moments 1 and 2**, introducing students to key moments in the development of Western music. By year 2, students will be developing a more personal trajectory. The year 2 curriculum is made up of courses in musicology and music analysis, two enhanced study (non-music) courses and four additional music courses selected from a range of options including performance, composition, conducting, harmony and ethnomusicology.

### BMus with Honours

#### Third and Fourth Year (Honours)

In third and fourth year, students choose from a range of optional courses reflecting the research interests of staff as well as undertaking a negotiated project on a specific area of music in each year, which is supervised by a member of the Music Department's staff. In the final year, this project can also be a dissertation, portfolio of compositions or performance recital.

## BMus with Honours (Education)

### Third Year (Honours)

BMus Education students follow the same curriculum as BMus Single Honours choosing from a range of optional courses reflecting the research interests of staff as well as undertaking a negotiated project on a specific area of music in each year, which is supervised by a member of the Music Department's staff.

### Fourth Year (Honours)

Students undertake two courses of Developing Professional Practice, including Professional Studies and Professional Enquiry as well as two 8-week periods of School Experience.

### BMus with Honours (Music and Communities)

#### Third and Fourth Year (Honours)

The Music and Communities programme is a vocational programme designed to prepare musicians to work within a broad range of community settings whether formal, in-formal or non-formal. Courses are delivered in a variety of subject areas, each fully integrated across the programme to ensure depth and professional relevance.

### 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.

### Community Placements

Students have the opportunity to create and develop their own placement opportunities in the North East of Scotland, using skills developed across the programme and with the support of trained specialists in community development and creative arts.

## Teaching and Assessment

Teaching is by a mixture of lectures, seminar groups, tutorials and individual instrumental and vocal tuition. Methods of assessment take the form of submitted coursework (essays and compositions).

### Entry to Honours Programmes

Students apply for entry to BMus Single Honours and BMus Music & Communities programmes during the second year of study; BMus Education students apply during the third year of study. Entry to BMus with Honours depends on satisfactory progress during core study years prior to this. 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) and National 5 Mathematics or equivalent. A Protection of Vulnerable Groups (PVG) check will be conducted for those students choosing the BMus (Education) programme during their third 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 111 for more information.

### Offers of Admission

Applicants should note that achieving the minimum entrance requirement, from a single sitting of exams, 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.

## Your Future

Students entering the BMus might have specific career aspirations from the start. The programmes are specifically designed, however, 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 include editing, writing and presenting music, composing and performing. The degree can also be used as an entry to other professions, as is the case with other degrees, where subject specialism is not important.

### Minimum Requirements:

#### Scottish Qualifications (SQA)

### 4H at BBBB

in four distinct disciplines (Music cannot be double-counted). Music at Higher Grade A preferred.

#### General Certificate of Education (GCE)

A Levels:

### BC

including Music A Level minimum Grade B.

or

AS Levels:

### BBCC

including Music AS Level minimum Grade A.

Plus a minimum of 3 additional GCSE passes.

#### Irish Leaving Certificate/Ardeistimeireacht

### BBB at Higher Level

#### International Baccalaureate (IB)

### 30 points

including at least a Grade 6 at Music at HL.

Please note: for entry to the BMus (Education) with Honours programme, National 5 at grade C or above, or GCSE at grade B or above, or equivalent, in Mathematics is required.

### Music Qualifications

Candidates should demonstrate musical attainment and potential. Candidates should have Grade VIII Associated Board (or equivalent) in their main instrument/voice or show great potential and intend to take Grade VIII. 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 website. 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)

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 See page 40 for information

 See page 46 for information



Staff at Aberdeen include world renowned composers and musicologists.

# 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.

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



# Divinity and Theology

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, Theological Ethics 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 dating 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 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 are looking for specialised and comprehensive study of the Christian tradition, or who are preparing for a future in the Church of Scotland. 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 takes 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 92 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 117 for entry requirements and further information.

### Divinity Degree Programme (BD)

These are the courses currently running; they may, however, 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); Introduction to Christian Theology; Religion at Ground Zero; What Does it Mean to be Human: Learning from the Margins; Introduction to Religions of the World I and II; Jerusalem: Navel of the Earth.** Sustained Studies: **Hebrew 1 and 2; New Testament Greek 1 and 2; Latin 1 and 2.**

#### Second Year

**History and Religion of Ancient Israel; The Mission and Message of Paul the Apostle to the Gentiles; The Pilgrim City** (Medieval Church); **Major Christian Thinkers; Exploring the Tradition of Christian Ethics; Economic and Psychological Theories of Religion; Earliest Portraits of Jesus; Sociological and Anthropological Theories of Religion; Introduction to the Religions of the World III; Introduction to the Religions of the World IV.** 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; Jewish Interpretations of the Hebrew Bible; Methods and Perspectives in Biblical Studies; 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 Origins of Christology; 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 Dietrich Bonhoeffer; Justice and Reconciliation; Christian Ethics and Creation; New Directions in Natural Theology; Religion, Secularism and Public Life; Spirituality, Health and Healing; Christian Theologies of Scripture: Major Thinkers in Theological Ethics; Modern Christian Thought; The Image of Jesus in the Quran and Muslim Tradition; Myth; Social Anthropology of Religions; 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; they may, however, 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); Introduction to Christian Theology; Religion at Ground Zero; What Does it Mean to be Human: Learning from the Margins; 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; Earliest Portraits of Jesus; The Pilgrim City** (Medieval 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; Introduction to the Religions of the World III; Introduction to the Religions of the World IV.** 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 Origins of Christology; 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 Dietrich Bonhoeffer; Justice and Reconciliation; Christian Ethics and Creation; New Directions in Natural Theology; Religion, Secularism and Public Life; Spirituality, Health and Healing; Christian Theologies of Scripture: Major Thinkers in Theological Ethics; Modern Christian Thought; The Image of Jesus in the Quran and Muslim Tradition; Myth Social Anthropology of Religions; 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 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.

### Offers of Admission

Applicants should note that achieving the minimum entrance requirement, from a single sitting of exams, 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.

### 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.



A tradition of theological study and excellence dating back to 1495.

**Minimum Requirements:**  
**Scottish Qualifications (SQA)**  
**4H at AABB**

or

**3AH at BBB**

S at grades 1, 2 or 3 or National 5 at grades A, B or C in English required.

### 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)

A Levels:

**3 at BBB**

GCSE in English or English Language required.

### 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/ Ardeistimeireacht (ILC)**

**5H at AAABB**

B at B2 or above.

O in English required.

### International Baccalaureate (IB)

**32 points**

including 5, 5, 5 at HL.

SL in English required.

### 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)

 **universityofaberdeen**

 **@aberdeenuni**

 See page 40 for information

# Degrees in **Education**

## **Full-time Degrees**

MA (Honours) in Education

BMus with Honours (Education)  
(see page 120)

## **BA / Part-time Degrees**

(see page 77)

BA Childhood Practice (BACP)

BA Professional Development

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.**

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



# 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 in working 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 60 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 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 and registration with the *General Teaching Council for Scotland* on successful completion. Over four years, it combines academic study with practical inquiry in a variety of school settings and their communities. Year 4 students have the opportunity to undertake Masters level credits in addition to completing their Honours degree. This provides the first step for academic and professional development.

Successful graduates will be well placed to face the challenges and changes facing the teaching profession in the twenty-first century.

## Selection

An interview forms part of the selection process. The information presented in the UCAS Application will be used to determine whether or not an applicant is invited for interview. Performance at interview will determine whether or not an offer will be made. 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 at: [www.gtcs.org.uk](http://www.gtcs.org.uk)

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

If you are a graduate wishing to apply for primary teaching training, the undergraduate degree is not applicable.

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.

## Minimum Requirements:

### Scottish Qualifications (SQA)

#### 4H at ABBB

from a single sitting of Highers. Those seeking to qualify over two sittings will be expected to exceed this minimum. English and Mathematics as below.

### General Certificate of Education (GCE)

A Levels:

#### BBB

English and Mathematics as below.

### International Baccalaureate (IB)

#### 32 points

including 5, 5, 5 at HL

### Irish Leaving Certificate/ Ardeistimeireacht

#### ABBB at Higher Level

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 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 (Higher ESOL acceptable for entry to PGDE Secondary only NOT Primary Undergraduate or Postgraduate).

## Mathematics Minimum

SQA Standard Grade (credit level) award in Mathematics at Grade 1 or 2; or National 5 Mathematics at Grade A, B or C; 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. **Please note, we are unable to accept National 5 Lifeskills Mathematics.**

## 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)

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

 @aberdeenuni

 See page 40 for information

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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. There is no better place to study Engineering than in the Energy Capital of Europe.**

#### MEng

Engineering

Chemical Engineering

Civil Engineering

Civil and Structural Engineering

Civil Engineering with Subsea Technology

Civil and Environmental Engineering

Electrical and Electronic Engineering

Mechanical Engineering

Mechanical Engineering  
with Business Management

Mechanical Engineering  
with Subsea Technologies

Mechanical and Electrical Engineering

Petroleum Engineering

#### BEng

Engineering

Chemical Engineering

Engineering (Civil)

Engineering (Civil  
and Structural)

Engineering (Civil  
and Environmental)

Engineering (Electrical and Electronic)

Engineering (Mechanical)

Engineering (Mechanical  
and Electrical)

Engineering (Mechanical with Oil and Gas  
Studies)

Petroleum Engineering

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



## Minimum Entry Requirements for 2016

	Degree	
Type of Qualification	MEng First Year Entry *	BEng † First Year Entry *
<b>SOA – Scottish Qualifications</b>	4H at AABB AB in Mathematics and Physics/Technological Studies. If applicant presents with H in Technological Studies instead of Physics, Mathematics must be A grade. S at grades 1, 2, or 3, or National 5 at grades A, B or C in English.	4H at ABBB AB required in Mathematics and Physics/Technological Studies. If applicant presents with H in Technological Studies instead of Physics, Mathematics must be A grade. S at grades 1, 2, or 3, or National 5 at grades A, B or C 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 ABB. AB required in Mathematics and Physics or a B in Design and Technology or a B in Engineering. If applicant presents with B in Physics, Design and Technology or Engineering, Mathematics must be A grade. 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>BTEC Level 3 Extended Diploma</b>	DDD. Maths and Physics required (Petroleum and Chemical Engineering degrees also require Chemistry). GCSE at C or above in English or English Language, Mathematics and in either Chemistry, or Physics or Dual Award Science.	DDM. Maths and Physics required (Petroleum and Chemical Engineering degrees also require Chemistry). GCSE at C or above in English or English Language, Mathematics and in either Chemistry, or Physics or Dual Award Science.
<b>ILC – Irish Leaving Certificate/ Ardeistimeireacht</b>	5H at AAABB including AB in Mathematics and Physics. B grades must be at B2 or above.	5H at AABBB including AB in Mathematics and Physics. B grades must be at B2 or above.
<b>IB – International Baccalaureate</b>	34 points including Mathematics and Physics at HL (6 or above) and English at Standard Level.	32 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.

Note – BTEC in Applied Sciences is not normally sufficient on its own for entry to any of our Engineering degree programmes.

\* **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

**North East Scotland College / Dundee and Angus College / New College Lanarkshire**

HND students who have successfully completed their studies in Engineering may be able to gain advanced entry to certain University of Aberdeen Engineering degree programmes. Contact your college or the University of Aberdeen Admissions team on **+44 (0)1224 272090/91**.

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 from a single sitting of exams, 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.

### 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)

 **universityofaberdeen**

 **@aberdeenui**

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 See page 46 for information

## Engineering

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). The first two years of our programmes cover general engineering, with elements of chemical, mechanical, petroleum and electrical/electronics, as well as civil. This approach gives Aberdeen graduates a broad understanding of engineering principles, which we know is invaluable to their future careers. Similarly highly regarded is the particular emphasis on management and project management. Again, we know from working with industry that this knowledge is vital for new graduates working in an engineering capacity. 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 multidisciplinary 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, both onshore and offshore.

Civil engineers design, build, maintain and manage roads, railways, dams, buildings, airports, hospitals, schools, harbours, sports stadia, onshore and offshore oil and gas installations, subsea systems, power stations and renewable energy facilities. 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 on land or at sea, 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; Project & 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 the 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; Project & 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, 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 & Signal Processing; Engineering Design; Electrical Power Engineering; Digital Electronic Systems; Communications Engineering; Project & Safety Management; Electrical Machines and Drives; Computer & Software Engineering; Optical Engineering; Sensing & Instrumentation.**

**MEng Only – Applied Electromagnetics; Optical Systems & Sensing; Engineering Management; Robotics.**

### 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 and Dynamics; Stress Analysis; Mechanics of Structures; Engineering Materials; Engineering Design; Dynamics; Thermodynamics; Project & Safety Management; Safety & Reliability Engineering; Control Systems; Advanced Engineering Materials; Electrical Machines and Drives; Reservoir Engineering; Petroleum Production Engineering and Economics; Offshore Oil and Gas Production Technology; Managing People and Organisations; Group Design; Engineering Project & Manufacturing Management.**

**MEng only – Applied Numerical Methods; Solid Mechanics & Materials Modelling; Engineering Management; Mathematical Optimisation; Optical Systems and Sensing.**

### Petroleum Engineering

Petroleum engineering is concerned with the exploration for, and extraction of, hydrocarbons, e.g. crude oil and natural gas. Petroleum engineers use creative and imaginative knowledge of petroleum geology, reservoir behaviour, as well as fundamental engineering principles to develop effective and safe solutions for the exploration, recovery and transportation of hydrocarbon products trapped underground, onshore or offshore, and in very challenging environments. Virtually every product in modern life has been manufactured using energy generated from oil and gas.

Petroleum engineers are at the forefront of ensuring that we have a continued supply of this most important commodity on the planet. With continued worldwide demand for energy, there is no better time to be a petroleum engineer.

If you are interested in applying the knowledge of geology and physics, in creating engineering systems for the safe and sustainable harnessing of primary sources of energy used by modern society, then you should consider petroleum engineering as a career choice.

Located in the heart of the energy industry in Europe, Aberdeen is an International Centre of Excellence for exploration and production of oil and gas, providing services for not only the North Sea but also many provinces worldwide. The distinctiveness of the Petroleum Engineering degree programme is provided by its combination of excellence in both engineering and in petroleum geoscience. With engineering at its heart, the Petroleum Engineering programme draws upon well-established expertise in petroleum exploration and geoscience within the University, and the local oil and gas industry, to provide students with a multidisciplinary approach to addressing the challenges faced by petroleum engineers and the petroleum energy industry sector.

The interdisciplinary content of our curricula, and the emphasis on practical applications and value to industry and the wider society, provide our students with the necessary intellectual and transferable skills along with an appreciation of ethical and moral issues needed for a successful career in a wide range of industry sectors.

Following specialisation in third year, Honours studies will include: **Engineering Analysis and Methods; Fluids Mechanics; Heat, Mass and Momentum Transfer; Petroleum Geology and Reservoir Characterisation; Engineering Design; Well and Drilling Engineering; Reservoir Engineering I & II; Well Testing; Introduction to Safety and Project Management; Petroleum Production Engineering and Technology; Geomechanics for Drilling and Production; Field Development and Petroleum Economics.**

**MEng only - Reservoir Simulation; Enhanced Hydrocarbon Recovery; Production Facilities Engineering; Applied Management Techniques.**

**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 visit our website at [www.abdn.ac.uk/engineering](http://www.abdn.ac.uk/engineering) where you can follow the 'Degree Programmes and Courses' 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 December 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 Chemical 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.

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

Highly skilled and qualified engineers are currently in very high demand across a number of industries around the world. A good degree in engineering will set you up for a wide range of career opportunities, working on solving some of the world's great engineering challenges. Many of today's Managing Directors and CEO's in high powered industries also started their careers as engineers. 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 (see page 50 for more information).



**Integrated Engineering School  
boasting award-winning staff  
and modern, well-equipped  
laboratories.**

# Degrees in **Law**

LLB/LLB (Honours)

LLB/LLB (Honours)  
with options in

Accountancy

Business Management

Economics

French

Gaelic

German

Music

Spanish

LLB/LLB (Honours) and

English Law

French Law

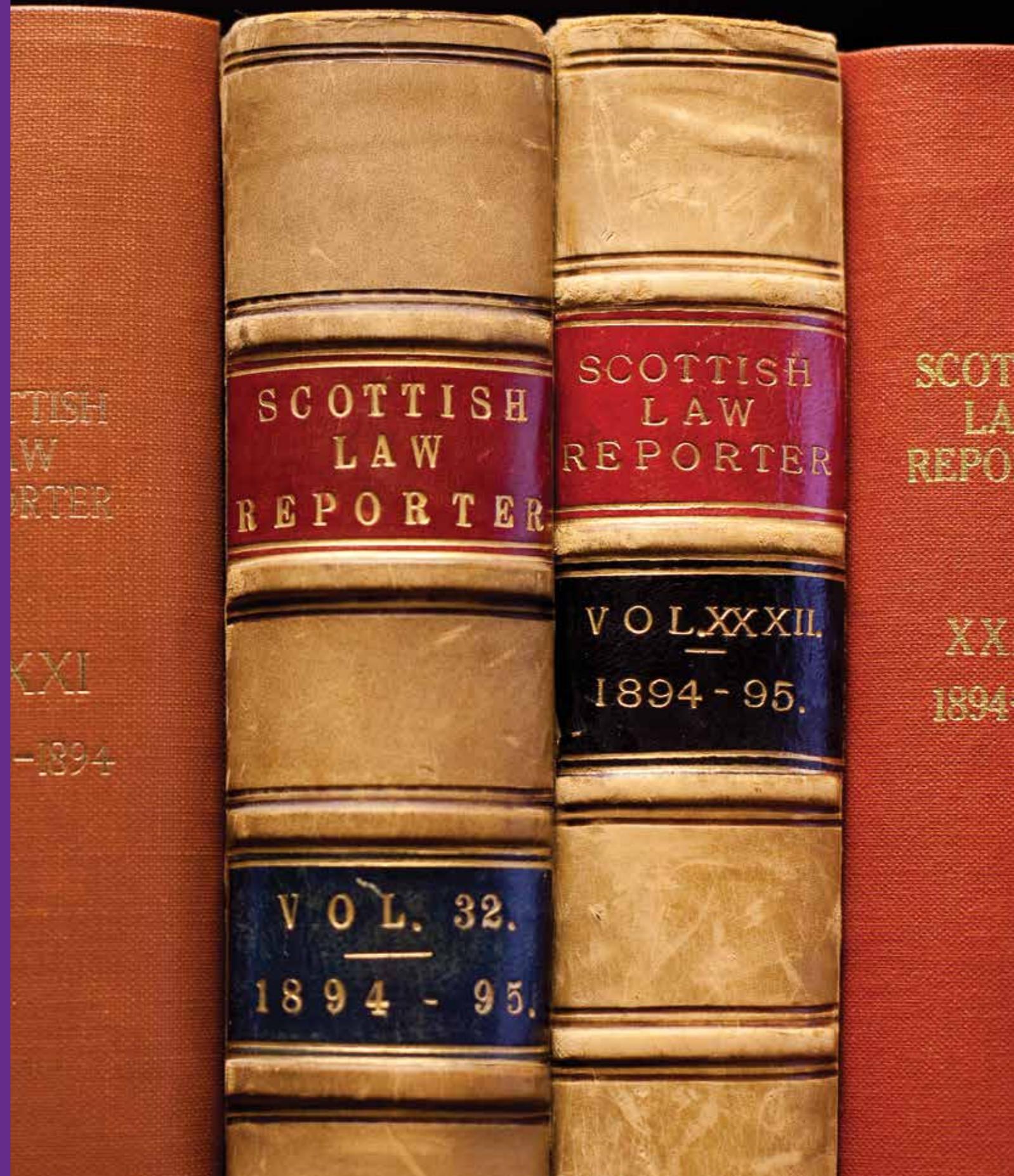
German Law

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.

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



# Law

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.

## Minimum Requirements:

### Scottish Qualifications (SQA)

#### 4H at AAAB

obtained at a single sitting.

or

#### 5H at AABBB

obtained at a single sitting.

or

#### 3AH at ABB

Those seeking to qualify over two sittings of Highers must normally achieve H at BBBB at first sitting. 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 or National 5 in English required.

### General Certificate Of Education (GCE)

A Levels:

#### ABB

obtained at a single sitting; English is highly desirable. More will be required of those qualifying over two sittings. GCSE in English or English Language required.

### Irish Leaving Certificate Ardeistimeireacht (ILC)

#### 5H at AAAB

obtained at a single sitting; English is highly desirable. More will be required of those qualifying over two sittings. O in English required.

### 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.

### Offers of Admission

Applicants should note that achieving the minimum entrance requirement from a single sitting of exams 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.

### 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.

**The Aberdeen Law Project** gives current students the chance to help members of the public resolve legal problems, under the guidance of staff members who are qualified practitioners. This unique opportunity allows students to see how law is practiced, and to gain experience in doing so before graduation.

**The European Law Students' Association** is a local branch of a pan-European network, which hosts local events as well as international events and competitions which our students can attend.

**The Aberdeen Student Law Review** is a student-led journal, which showcases some of the best of our students' work. This gives students the opportunity to be published before or shortly after graduation, and to work as part of the editorial team.

**The Matriculation Dinner** is an opportunity for first-year students to network with staff and notable alumni, including judges, partners of law firms, and high-ranking professionals from other industries.

**Student input into the Law School:** The Law School is committed to fostering strong staff-student relations and actively takes 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 £13,000 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 £13,000 per annum.

For further information see the Law School web pages: [www.abdn.ac.uk/law/courses](http://www.abdn.ac.uk/law/courses)

### 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)

 **universityofaberdeen**

 **@aberdeenuni**

 See page 40 for information

 See page 46 for information

## 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 12th in the UK in the *Complete University Guide 2015*

> Choice of 15 degree programmes

> Over 50 Honours options

> Student-led Law Clinic

> Student Law Review

> Opportunities to study in continental Europe

### 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, while Honours courses have 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:

- Discipline Breadth courses, which can include options from other degree programmes (e.g. the MA) or a number of law options, covering e.g. Public International Law, Alternative Dispute Resolution, Scottish Legal History, etc. These law courses can contribute to the 240 law credits required to graduate with the LLB.
- Sustained Study courses by which students are exposed to a linked series of courses e.g. a language, alongside their law courses.
- Sixth Century courses, which are cross disciplinary.

## Law Courses

Compulsory Courses: **Criminal Law, Foundations of Private Law, Legal System, Contract, Property Law, Delict and Unjustified Enrichment, Introduction to Legal Theory, Legal Method, Public Law and Human Rights, Evidence, Commercial and Consumer Contracts.**

Optional Courses: **Family Law, Commercial Organisations and Insolvency, Succession and Trusts, European Union Institutions and Law, Private International Law, Case Studies on Law in Society, Private International Law, Forensic Medicine, Public International Law, Introduction to French Law, Introduction to German Law, Alternative Methods of Dispute Settlement, Introduction to Comparative Law, Introduction to Spanish Law, Scottish Legal History, Governance of Scotland, Advanced Property Law, Employment Law, English Criminal Law, English Law of Property, English Law of Equity and Trusts, Introduction to English Legal System and Clinical 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 may include: **Administrative Law, American Constitutional Law, Animal Welfare Law, Civil Liberties, Comparative Corporate Governance Law, Comparative Constitutional Law, Company Law, Contract Law, Court of Justice –Judicial Activism, Corporate Insolvency, Conveyancing, Contemporary Legal Issues in European Integration, Copyright and Allied Rights, Corporate Insolvency Law, Criminal Justice, Criminal Law, Criminology, Criminal Evidence, Delict, Employment Law, Environmental Law, European Economic Law, European Competition Law, European Legal History, Family Law, Government and Law, Intellectual Property Law, Individual Rights in European Union Law, European Economic Law, International Law in a World of Crises, International Criminal Law, Law and Medical Ethics, Law of Sales, Law of Leases in Scotland, Legal History in Recent Court Practice, Legal Issues in Corporate Management, Media Law, Moveable Property, Multinational Companies and Law, Oil and Gas Law, Indigenous Peoples in International Law, Planning Law, Private International Law, Renewable Energy Law, Roman Law, Rural Law, Scottish Legal History, Succession, Use of Force in International Law, and Unjustified Enrichment.** The availability of courses may change from year to year.

## 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** introduces students to key legal skills on the fundamental characteristics of the Scottish legal system, including the legislative process, the organisation of the courts, judicial precedent, alternative dispute resolution and legal services.

**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 the course list 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 information and retrieval, critical analysis, research technique, legal writing, oral presentation and team work.

A second **Enhanced Study** option from the course list above.

## 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 course list, 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.

**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 Legal Theory** 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, rights and justice.

A fourth **Enhanced Study** option from the course list, as previously described.

## Third Year

### First Half-Session Courses

**Evidence** is of special importance to the court practitioner. It looks at standards of proof, hearsay evidence, confessions and effects of evidence being improperly obtained.

A fifth **Enhanced Study** option from the course list, as previously described.

### Second Half-Session Courses Commercial and Consumer Contracts

considers how specific business contracts are regulated e.g. contracts for the sale of goods, insurance contracts and consumer contracts.

A sixth **Enhanced Study** option from the course list, 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, as well as a seventh Enhanced Study option in the first or second semester.

## Fourth Year

### Honours

To be eligible to enter Honours, students must have gained 240 credits within the first two years of study (or equivalent to those studying part-time). 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, Oxford, Cambridge, King's College (London), Queen Mary (London), British Columbia (Vancouver), Toronto, Brussels, Lyon, 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.

### Degree of LLB or LLB (Honours) with English Law

This degree extends over three and four years respectively, and is accredited by the Solicitors Regulation Authority in England as a Qualifying Law Degree. Students take the compulsory LLB courses, some optional courses and further compulsory courses in the form of **Introduction to Comparative Law, English Criminal Law, English Property Law and English Law of Equity and Trusts**. This degree is likely to be of interest to students wishing to keep options open regarding whether they choose to qualify as solicitors in England or in Scotland. For the avoidance of doubt, all the aforementioned English law courses are also available as options to any student taking any of the Law School's LLB and variant programmes. On how to use any law degree from the University as a basis for practising English law after graduation see the later section on "Converting to English law".

### LLB or LLB (Honours) with options in Accountancy, Business Management, Economics.

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 the chosen subject 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 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) and 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, Reims, Strasbourg or Clermont Ferrand University; for the degree with German Law, at Regensburg or Freiburg; 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 Legal 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 Norway, 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**

> **have achieved at least ABRSM Grade VIII or equivalent on main study instrument or voice**

> **be working at no lower than ABRSM Grade V standard or equivalent on additional study instrument or voice**

### Teaching and Assessment

Most non-Honours subjects are taught by a combination of hour-long lectures and regular 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 12 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 hours of 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 completing the one-year postgraduate Diploma in Professional Legal Practice (DPLP) and then entering 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 mainly on Scots Law not English Law, with the exception of the Law with English Law degree which covers both. It is normally possible, however, for a graduate of any of our LLB programmes to take a conversion course in order to qualify as a solicitor in England. Traditionally this has been done in either of two ways. The first is to qualify fully as a solicitor in Scotland in the manner described above and then take the Qualified Lawyer's Transfer Test. The second route is to take the Postgraduate Diploma in Law (GDL) at an English institution after graduating with a Scots law degree, then complete the year-long postgraduate Legal Practice Course (LPC) in England followed by 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 Scots law degree, leaving only three courses (English Criminal Law, English Property Law, and the English Law of Equity and Trusts). The GDL can then normally be studied on a part-time basis. For graduates with our Law with English Law degree, only the LPC plus the two year training contract is required.

**Careers:** 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. Our Law Mentoring programme allows students to learn from the professional experiences of a lawyer, who can also advise on career development. The School also runs an annual law fair at which law firms and public organisations are available to discuss career options with students. The University has an excellent careers service, providing information on vacancies for law students (including holiday vacancies) as well as help with CV and application preparation and interview techniques. See page 50 for information.



**Established in 1495, the Law School continues to build on its excellent, traditional academic reputation and is consistently ranked highly in the UK.**

# 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 new School of Dentistry – that is what the University of Aberdeen can offer you.**

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



# 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 (16). 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.

Should an offer be made, a health questionnaire will be completed and subsequently 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 three stages. Firstly, an academic score is given for attained or predicted qualifications, the second score is given for attainment in the UKCAT.

A summary of these scores determines which candidates are then selected for interview. The UCAS personal statement and reference are carefully reviewed, but not scored, prior to interview. Interviews take place between November and March and achieve the third 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 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/smd/medicine](http://www.abdn.ac.uk/smd/medicine)

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 2, or National 5 pass at B, or GCSE level pass at B (or equivalent) in the following subjects: English Language and Mathematics.

Candidates whose first language is not English must also achieve an IELTS overall score of 7.0 with a minimum of 7.0 in the speaking section.

The University of Aberdeen has a long-standing commitment to widening access to higher education. The MB ChB Widening Access policy can be found at [www.abdn.ac.uk/smd/medicine/admissions-policy.php](http://www.abdn.ac.uk/smd/medicine/admissions-policy.php)

## Scottish Qualifications (SQA)

AAAAB from five full academic courses to be taken at one sitting; from Highers and Advanced Highers. Chemistry is required, plus two from Biology/Human Biology Mathematics and Physics plus two other subjects. We require five programmes of study, to demonstrate breadth and volume, in order to cope with the academic demands and rigour of Medical School. Applicants should check with the Medical Admissions office if clarification is required.

There is no requirement, and therefore no advantage given, to obtaining the three sciences required in one sitting. Maths is regarded as a science. Applicants only attempting four Hs owing to school policy or personal difficulties are normally required to achieve AAAA at the first sitting.

The Admissions Committee will not normally consider applications to Medical School directly from Year 5. Candidates who have achieved the Entrance Requirements, i.e. five full academic courses at AAAAB or better in S5, may choose to continue their studies in S6 and are free to choose a programme of study which is of particular interest to them, noting: that we expect candidates to engage fully with a S6 programme of study and that Higher Biology will prove useful.

Candidates who do not meet the requirements in S5 may be considered but must offer an appropriate programme of study in S6 and advice should be sought. For extensive information on entry criteria, please visit [www.abdn.ac.uk/smd/medicine/entrance-requirements.php](http://www.abdn.ac.uk/smd/medicine/entrance-requirements.php)

## 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. Candidates with a minimum of two 7s in Higher level subjects, who do not meet our Standard Level requirements, may be considered.

## 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 (UKCAT) to help select applicants for the undergraduate medical programme. All candidates must complete the UKCAT by the appropriate closing date for that year's entry. For more information, visit [www.ukcat.ac.uk](http://www.ukcat.ac.uk)

## Transfers From Other Degrees

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/smd/medicine](http://www.abdn.ac.uk/smd/medicine)

## Why Choose Aberdeen?

> **Over 500 years of medical tradition with a new, thoroughly modern medical programme, systems-based and fully integrated**

> **Medical School ranked as top in Scotland and 5th in the UK in *The Complete University Guide 2015***

> **Much of the MBChB is now delivered from two 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 and 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 Centre for Health Science. In addition, our extensive network of teaching general practices around Scotland also give students opportunities to experience patient care in many different community settings.

## Fully Equipped Clinical Skills Centres

The Suttie Centre for Teaching and Learning in Healthcare in Aberdeen and the Centre for Health Science in Inverness provide superb 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 their 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 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 or Dumfries and Galloway, Western and Northern Isles.

## 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 (the student's Regent) who they will meet with regularly for the next five years. 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 Suttie Centre. The main features of the 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, or between Years 4 and 5 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 Foundations of Primary Care (FPC). This course is an amalgamation of General Practice, Public Health and Occupational and Environmental medicine with additional input from other disciplines such as social science and global health. FPC uses a network of local general practices to deliver most of its teaching.

It has a vertical theme of birth to death in the community, 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 Foundations of Primary Care 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 Foundations of Primary Care 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 in the Winter term 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 "Clinical 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 where 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 a clinical 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 specialty (students choose from an adult medical specialty, paediatrics and medicine for the elderly)**

> **A surgical specialty (students choose from a surgical specialty, 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.

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. This teaching is delivered in two two-week blocks; one at the start of Year 5 and one at the end.

#### 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 the 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 hospitals 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 practise 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 – MyMBChB. 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 alternatively, 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 Suttie Centre allows for close integration of basic science and clinical teaching.

Further information for anyone hoping to study Medicine in the UK can be found at the Medical School's Council website:

[www.medschools.ac.uk/students/pages/default.aspx](http://www.medschools.ac.uk/students/pages/default.aspx)

### Your Future

#### Foundation Programmes

On successful completion of the undergraduate curriculum and graduation you will apply for a two year Foundation Programme rotation. 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 for 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).

Please note that the Foundation Programme is only open to those graduates with a visa which allows them to work in the United Kingdom.

### Specialist Training

Doctors who have successfully completed a Foundation Programme will compete for a place on a specialty training programme of their choice.

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 or a GP.

The NHS National Medical Careers website [www.medicalcareers.nhs.uk](http://www.medicalcareers.nhs.uk) contains valuable information to assist you in planning your medical career.

### 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)



**Over 500 years of medical tradition, with a new thoroughly modern programme, recently ranked as top in Scotland and 5th in the UK.\***

\*Source: The Complete University Guide 2015

# Dentistry

## What You Need

This programme is only available for Graduate Entry.

The University of Aberdeen Dental School offers the first graduate entry, four year, BDS programme in Scotland. Our first cohort of students graduated in June 2012 and the School continues to go from strength to strength.

Numbers on our programme are limited and there is keen competition for the 20 places. We are looking for candidates who are passionate about becoming dentists and who display the commitment and interpersonal and practical skills to succeed in a dental career. Ideally, candidates should have undertaken some work shadowing in dental Environments, and have a good understanding of what being a dentist involves.

Selection for interview is based on academic qualifications (60%) and UKCAT scores (40%). The highest scoring candidates are invited to interview and all offers are subsequently made on interview performance alone. The interview process at Aberdeen Dental School takes the form of Multiple Mini Interviews (MMIs). Stations assesses a variety of key attributes such as communication and interpersonal skills, teamwork, manual dexterity skills, comprehension and problem solving and analytical skills. Your personal statement is also assessed at interview.

Our students are in close contact with patients from the very beginning of the course and the University is rightly mindful of its overriding duty of care to the public with whom dental students are in contact. Potential applicants must meet the requirements of the General Dental Council (GDC) for fitness to practice. Unfortunately, admission is not possible for those who may pose a risk of passing a blood borne virus infection to patients. As a result successful applicants will be required to undertake Occupational Health screening by NHS Grampian 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 bimanual dexterity to simultaneously use the necessary equipment to treat patients and view what you are doing in a dental mirror.

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 join Disclosure Scotland PVG Scheme 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). 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. We cannot accept applications from International Students.

## UK Clinical Aptitude Test (UKCAT)

The admissions process also involves suitably qualified applicants sitting an entrance test (UKCAT) 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 UKCAT 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 the 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.

## Can We Help?

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

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

**W** **Course Information**  
[www.abdn.ac.uk/smd/dentistry](http://www.abdn.ac.uk/smd/dentistry)

**£** For information on University fees and bursaries please see our website at: [www.abdn.ac.uk/study/undergraduate/finance](http://www.abdn.ac.uk/study/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 facility on the Foresterhill site. The School, opened by Alex Salmond, MSP and formerly First Minister of Scotland, in January 2010, is rapidly developing into 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 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. The Suttie Centre is 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

> All students also spend some time in purpose built outreach facilities in Elgin (NHS Grampian) and in Stornoway (NHS Western Isles) which provide our senior dental students with excellent real-life experience in the community dental setting

## Our Graduate Entry Programme

Our programme has been designed with graduate entry in mind. That means capitalising on the existing knowledge and transferable skills from your previous degree. From day one, you will be preparing to be a dental professional, more than a "graduate". Our programme incorporates early clinical problem solving and patient contact, and an integrated approach to learning. You will very quickly feel part of the dental culture.

The dental curriculum incorporates a variety of teaching methods including case based learning. The curriculum aims to:

> build on the transferrable skills that the graduate entrant brings

> encourage independence of learning and thinking using enquiry based learning methods

> centre on the clinical, social and emotional needs of the patient

> have patient contact early in Year 1 of the programme

> fully integrate the non-clinical sciences within the clinical curriculum

Students are engaged in reflective practice from an early stage in their clinical experience.

During the course, students are taught by, and observe a wide range of dental professionals, from both primary and secondary care services. NHS Education for Scotland (NES), the dental defense organisations and the GDC are also engaged in some of the learning opportunities.

## Current Themes

The theme of the first year is:

### Being a Dental Professional

During this year, students will develop a sound understanding of the oral environment, basic aspects of dental health and disease, together with an appreciation of the principles of patient management, communication and ethical practice. They will understand what it means to be a professional and the responsibilities that this entails.

The theme of the second year is:

### The Developing Professional

Students will have a clear understanding of the clinical relevance of the subjects that they are learning. They will develop clear reflective skills in relation to their learning as well as insight into their own learning needs and limitations. They will work well within the team structure. The needs of the patient will be paramount in the student's thinking.

The theme of the third year is:

### The Developing Clinician

During this year, students will continue to develop the ability to apply their knowledge to clinical situations. They will be able to assess the needs of a widening group of patients and begin to be able to tailor their knowledge to match these needs. Their clinical and diagnostic skills will be well developed.

The theme of the final year is:

### The Graduating Dentist

During the final year, students will hone their skills and develop their ability to apply diverse and multiple areas of knowledge in a widening range of clinical situations. Team-working skills will be developed and tested in "real" work-places. Students will have a high level of personal and professional responsibility and will start to demonstrate team leadership skills.

## 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 and appropriate transferable skills. There is a focus on more independent and reflective learning.

A range of assessment methods are used including written examinations, such as single best answer questions and clinical scenario papers, and other practical exams. 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 programme will lead to Full GDC registration. Following vocational training, a dentist may work as an associate, partner or principal in general practice, join the community dental service, join the armed forces 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.



The first four year graduate entry BDS programme in Scotland, with outreach facilities in Elgin and Stornoway.

# Degrees in **Sciences**

BSc (Designated)  
BSc (Honours)  
MChem  
MGeol  
MPhys  
MSci

**The University is a major international centre for teaching and research in all divisions of scientific study, with an unparalleled provision of buildings and equipment for science students.**

## Choose your Degree

Computing Sciences, Mathematics and Psychology	Medical Sciences	Physical Sciences
Behavioural Studies 159	Biochemistry 160	Archaeology 158
Computing Science 167	Biomedical Science 163	Chemistry 165
Information Systems and Business Management 179	Biotechnology 164	Chemistry (MChem) 166
Mathematics 181	Exercise and Health Science 171	Geography 175
- Applied Mathematics	Genetics 174	Geology & Petroleum Geology 176
Psychology 189	Human Embryology and Developmental Biology 177	Physics 186
<b>Life Sciences</b>	Immunology 178	- Physics with Complex Systems Modelling (MPhys)
Biological Sciences 161	Microbiology 182	Physical Science see Physics 186
Biology 162	Molecular Biology 183	
Conservation Biology 168	Neuroscience with Psychology 184	
Ecology 169	Pharmacology 185	
Environmental Science 170	Physiology 187	
Forest Sciences 172	Sports & Exercise Science 190	
Forestry 173		
Marine Biology 180		
Plant & Soil Science 188		
Zoology 191		

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



## 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, overlooking 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 a Personal Tutor 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 156 and 157 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 70 for more information.

## Five Year Degrees & Industrial Placements

A number of our degree programmes offer students the opportunity to study for 5 years and graduate with an undergraduate Masters Degree instead of a BSc. The format of the extra year varies in each discipline but all involve either an extended research project or some time spent in an industrial, commercial or research environment where students will obtain a breadth of practical experience to complement their degree programme. The following degrees are available as 5 year degree programmes:

- > MChem
- > MSci (Computing Science)
- > MGeol
- > MPhys
- > MSci (Biological Sciences)
- > MSci (Medical Sciences)

### MSci Medical Science Industrial Placement Year

All degree programmes offered by the School of Medical Sciences offer the opportunity for students to undertake a year's placement in an industrial, commercial or research environment, provided the student successfully completes their first three years to a satisfactory standard. Students can 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.

We currently have links with a number of different companies and have placed students in companies such as Novartis, GlaxoSmithKline, The Sanger Institute 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.

## Finding a Placement

The application process for placements starts at the beginning of the academic 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.

### A Complete Package!

For students wishing to maximise their career opportunities we offer the complete package of Medical Science degrees with Industrial Placement and Biobusiness. 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. For information please visit:

[www.abdn.ac.uk/sms/undergraduate/industrial-placements](http://www.abdn.ac.uk/sms/undergraduate/industrial-placements)

## Biobusiness Options

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 medical scientist to find out 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 ground-breaking scientific achievements. Indeed, science income 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 Medical 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 medical 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 MBA.

### 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 and reports. 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 to see if they have what it takes to be a director of a business in this burgeoning sector, and to 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, Professor Heather Wallace for details: [h.m.wallace@abdn.ac.uk](mailto:h.m.wallace@abdn.ac.uk)

Further information is also available at [www.abdn.ac.uk/sms/undergraduate/bio-business-options.php](http://www.abdn.ac.uk/sms/undergraduate/bio-business-options.php)

### A Complete Package!

For students wishing to maximise their career opportunities, the University of Aberdeen now offers a complete package of a Medical Science degree with Biobusiness and Industrial Placement. 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.

## Minimum Entry Requirements for 2016 – 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 grades at 1, 2 or 3, or Int at 2, or National 5 at grades A, B or C in English, Mathematics and in either Chemistry or Physics	A minimum of 4H at AABB (C at AH may substitute for B at H) obtained at a single sitting or a minimum of 5H at AAABB obtained over 2 sittings	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>BTEC Level 3 Extended Diploma</b>	GCSE at C or above in English or English Language, Mathematics and in either Chemistry, or Physics or Dual Award Science	DDM	Main subjects to be science or Mathematics		
<b>ILC - Irish Leaving Certificate/ Ardeistimeireacht</b>	O in English, Mathematics and in either Chemistry or Physics	A minimum of 5H at AAABB (B1 or B2 required)	BB from two science or mathematics subjects		
<b>IB - International Baccalaureate</b>	SL or HL in English and Maths	A minimum of 32 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 75% overall			
<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, from a single sitting of exams, 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.

### 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:

#### North East Scotland College / Dundee and Angus College / New College Lanarkshire

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 **+44 (0)1224 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](http://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 grades at 1, 2 or 3, or Int at 2, or National 5 at grades A, B or C in English, Mathematics and in either Chemistry or Physics	A minimum of 4H at AAAB (C or B at AH may substitute for B or A at H respectively) obtained at a single sitting or a minimum of 5H at AAAAB obtained over two sittings	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 5H at AAAAB (B2 or above required)	AB from Chemistry and another science or mathematics subject		
<b>IB - International Baccalaureate</b>	SL or HL in English and Maths	A minimum of 34 points	6 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, MGeol, 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 grades 1, 2 or 3, or Int 2, or National 5 at grades A, B or C in English, Mathematics and in either Chemistry or Physics	A minimum of 4H at AAAB (C or B at AH may substitute for B or A at H respectively) obtained at a single sitting or a minimum of 5H at AAAAB obtained over two sittings*	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 5H at AAAAB (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 and Maths	A minimum of 34 points	6 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)

# Archaeology

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. Opportunities to participate in outstanding national and international department-led excavations and field research projects, from Aberdeenshire to Alaska. Faculty with interdisciplinary-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

**Archaeology in Action: An Introduction;** **Caves to Kingdoms: An Introduction to Prehistoric Archaeology.** Plus six courses chosen from other disciplines.

### Second Year

**Interpreting the Past; Test Tubes and Trowels; Archaeologies of Social Lives; Archaeology of the North: Lifeways and Culture Change.** Plus four courses chosen from other disciplines.

### Third Year (Junior Honours)

**Professional Archaeology 1: Field Methods; Professional Archaeology 2: Post-Excavation Analysis and Employment; Archaeological Fieldwork Portfolio; Archaeological Research Project Part 1; Geoarchaeology.** Plus course options chosen from a range available including: **Scottish Archaeology; North American Archaeology; Archaeologies of Landscape; After the Ice: Hunter Gatherers in Mesolithic Scotland\***; **Submerged Archaeology: Discovering and Managing Lost Landscapes\***.

## Fourth Year (Senior Honours)

**Archaeological Research Project Part 2; Current Issues in Archaeology; Bioarchaeology.** Plus course options from a range available including: **Viking Archaeology; Indigenous, Community-based and Public Archaeologies; Material Culture in Archaeology: Seeing, Using, Understanding\***; **World Heritage: Legislation and Management\***.

\*Courses offered every other year.

## 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 communication skills acquired by Archaeology graduates make them sought-after in a wide variety of fields including industry, commerce, research and a range of professions.

## Minimum Requirements:

SQA Highers:

**AABB\***

A Levels:

**BBB\***

IB Points:

**32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## Advanced Entry

See page 154 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**

## Related Honours Programmes in

Anthropology, Geography, History, History of Art

Please note, the University of Aberdeen is proud to offer a fully-flexible distance learning degree in Archaeology (MA and BSc) in addition to our programme in MA Scottish Archaeology. For more information see page 76.

## Course Information

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

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

 [@aberdeenuni](https://twitter.com/aberdeenuni)

 See page 40 for information

 See page 46 for information



**Aberdeen is at the heart of a region that is among the richest in the UK, with sites of outstanding archaeological interest.**

# Behavioural Studies

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?

> 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

> There are a range of specialised laboratories including those for brain imaging analysis, eye movement recording, movement analysis and visual neuroscience

## Degree Programme Structure and Content

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 prerequisite 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); **Psychology of Emotion; Evolutionary Psychology; 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 including an **Applications of Research Methods** course. At level 4, students carry out a library based thesis project. They also select four options, currently from the following list: **Cultural Evolution; Visual Awareness; Advanced Topics in Language; Abnormal Psychology; Human Factors; Brain and Body; Forensic Psychology; The Neuroscience of Music; Applied Psychology in the NHS and Social Dynamics**.

## 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 library based 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 87 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)

## Minimum Requirements:

SQA Highers:

**AABB\***

A Levels:

**BBB\***

IB Points:

**32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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**

**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)

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

 [@aberdeenuni](https://twitter.com/aberdeenuni)

 See page 40 for information

 See page 46 for information



**The School of Psychology is the oldest in the UK, established over 100 years ago.**

# Biochemistry

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 students 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 **Medical Sciences** and **Chemistry for Life Sciences** plus additional courses selected from science and other areas.

## 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 Biology of the Cell** and on **Control of Cell Function** explore the molecules and mechanisms involved in controlling cell function. 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 two-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 option 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.

## Minimum Requirements:

SQA Highers: **AABB\***      A Levels: **BBB\***  
 IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Programme in Biochemistry** (also available as MSci with Industrial Placement and with options in Biobusiness. See page 155 for more information).

 **Course Information**  
[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

 **universityofaberdeen**

 **@aberdeenuni**

 See page 40 for information

 See page 46 for information



Many of our Biochemistry students have gone on to follow successful research careers in a wide range of laboratories both in the UK and overseas.

# Biological Sciences (MSci)

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

The MSci is aimed at applicants who wish to graduate with a qualification that goes beyond the traditional Honours degree. The first years 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. The School of Biological Sciences offers 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 are 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.

## Minimum Requirements:

SQA Highers: **AAAB\***      A Levels: **ABB\***  
 IB Points: **34** including 6 at HL\*

\*Including Biology and Chemistry, one of which must be at A-grade. See table on page 157 for more information. **UCAS Code see page 200**

## Advanced Entry

Advanced Highers AAB, A Levels AAB or IB 36 points (6 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

**Single Honours Programme in Biological Sciences (MSci)**

 **Course Information**  
[www.abdn.ac.uk/sbs](http://www.abdn.ac.uk/sbs)

 **universityofaberdeen**

 **@aberdeenuni**

 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 40 for information.

 See page 46 for information



96% of students find employment or continue their studies within six months of graduation.

# Biology

Biology is a natural science concerned with all life forms, from the cell, to plants, animal and man. Biology at Aberdeen benefits from opportunities for field-based teaching.

## Why Choose Aberdeen?

> **Biology is our flagship programme, bringing together the best of our teaching in animal and plant sciences, and in terrestrial and marine systems**

> **Our programmes are flexible, so even if you are not certain that you are destined for a career in biology, there is scope to move between degree programmes once you get here**

> **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 First Year

All biologists take eight courses, including five foundation biology courses **The Cell, Introduction to Biological Sciences, Diversity of Life 1 and 2 and Ecology & Environmental Science**. In addition, a course in **Chemistry** is also studied. This leaves a choice of two further courses which would normally contribute towards enhanced study.

## Second Year

All students take eight courses including a skills course in **Life Sciences**. This leaves a choice of two further courses. **Genes and Evolution, Community Ecology, Principles of Animal Physiology, Ocean Biology and Biological Topics in Plant and Soil**.

## Third Year (Junior Honours)

At level 3, students have the opportunity to follow a more focused curriculum or maintain breadth in their programme. Students normally take eight courses, including a **Statistics Course**. Core courses at year 3 include: **Animal Evolution and Biodiversity, Marine Ecology and Ecosystems, Plant Environment Interactions and Environmental Physiology**. Additional courses are selected from the range of courses offered in biological sciences.

## Fourth Year (Senior Honours)

All students carry out a research project 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. Courses available in year 4 include **Advances in Vector Biology, Topics in Conservation, Hormones and Behaviour, Advanced Behavioural Ecology, Wildlife Management and Conservation, Molecular Ecology and Evolution, Parasitology, Forest Pathology and Marine Biology**. A residential team building course and careers sessions are included in the programme.

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 areas, disciplinary breadth and cross-discipline study (Sixth Century Courses).

## 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.

## Minimum Requirements:

SQA Highers:  
**AABB\***

A Levels:  
**BBB\***

IB Points:  
**32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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**

**Joint Honours Programme with Environmental Humanities**

 **Course Information**  
[www.abdn.ac.uk/sbs](http://www.abdn.ac.uk/sbs)

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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 40 for information.

 See page 46 for information



**96% of students find employment or continue their studies within six months of graduation.**

# Biomedical Science

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 the co-discovery of insulin (receiving a Nobel Prize) and the 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, dentistry 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 **Medical Sciences and Chemistry for Life Sciences**, plus optional courses from the normal science programme and other areas.

## Second Year

Second year covers: **Human Anatomy** (dissection of human cadaver), **Human Physiology, Molecular Biology, Biochemistry** combined with courses delivering key skills applicable to Biomedical Sciences.

## Third Year

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 study 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.

## Minimum Requirements:

SQA Highers:  
**AAAB\***

A Levels:  
**ABB\***

IB Points:  
**34** including 6 at HL\*

\*See table on page 157 for more information. **UCAS Code see page 200**

## 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 page 155 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.

 **Course Information**  
[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

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 See page 40 for more information

 See page 46 for information



**Our graduates have the core skills and knowledge vital to the modern workplace.**

# Biotechnology

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 allows 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 **Medical Sciences** and **Chemistry for Life 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.

## Minimum Requirements:

SQA Highers: **AABB\***      A Levels: **BBB\***  
 IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 page 155 for more information).

 **Course Information**  
[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

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 See page 40 for information

 See page 46 for information



**96% of students find employment or continue their studies within six months of graduation.**

# Chemistry

Chemistry students perform practical work with state-of-the-art instrumentation and staff include internationally recognised researchers in material, biomolecular and environmental chemistry.

## Why Choose Aberdeen?

- > **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)

In third year, students spend the majority of their time studying chemistry, including laboratory classes with state-of-the-art instrumentation dedicated to teaching.

## 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 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.

## Minimum Requirements:

SQA Highers: **AABB\***      A Levels: **BBB\***  
 IB Points: **32** including 5 at HL\*

\*Including good performance in Chemistry and another Mathematics/Science subject. See table on page 156 for more information. **UCAS Code see page 200**

## 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, Environmental Chemistry, Oil and Gas Chemistry**

## Professional Accreditation

Our Chemistry, Environmental Chemistry and Oil and Gas Chemistry degrees are accredited by the *Royal Society of Chemistry* to fulfil the academic requirements for AMRSC and eventual progression to Chartered Chemist (CChem) status.

 **Course Information**  
[www.abdn.ac.uk/chemistry](http://www.abdn.ac.uk/chemistry)

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 See page 40 for more information

 See page 46 for information



**Staff include internationally recognised researchers in materials, biomolecular and environmental chemistry.**

# Chemistry (MChem)

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**
- > **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 spend the majority of their time studying chemistry, including laboratory classes with state-of-the-art instrumentation dedicated to teaching. At the end of this year, students may, if they wish, opt to change to the BSc Honours degree.

## Fourth Year

In 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 research 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 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.

## Minimum Requirements:

SQA Highers:	A Levels:
<b>AAAB*</b>	<b>ABB*</b>
IB Points:	
<b>34</b> including 6 at HL*	

\*See table on page 157 for more information.  
**UCAS Code see page 200**

## Advanced Entry

Advanced Highers AAB, A Levels AAB or IB 36 points (6 at HL). See table on page 157 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

**MChem Programmes in** Chemistry, Environmental Chemistry, Oil and Gas Chemistry

## 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.

 **Course Information**  
[www.abdn.ac.uk/chemistry](http://www.abdn.ac.uk/chemistry)

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 See page 40 for more information

 See page 46 for information



Staff include internationally recognised researchers in materials, biomolecular and environmental chemistry.

# Computing Science

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 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 **Operating Systems** and **Languages and Computability** along with a range of options including **Knowledge-Based Systems**, **Distributed Systems and Security**, **Adaptive Interactive Systems** and **Robotics**.

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.

## Industrial Placement

Industrial Placements are encouraged and available with a range of computing firms for a number of students during the summer months between their second and third year, and between their third and fourth year, as well as year-long opportunities between their third and 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.

## 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, ConocoPhillips, Hewlett Packard, EDS, CGI, Wipro, Scottish Hydro Electric, Scottish & Newcastle Breweries, British Telecom, QinetiQ and the National Health Service.

## Minimum Requirements:

SQA Highers:	A Levels:
<b>AABB*</b>	<b>BBB*</b>
IB Points:	
<b>32</b> including 5 at HL*	

\*SQA Higher or GCE A Level or equivalent at grade B or above in Mathematics is required and good performance in one other Science subject. See table on page 156 for more information.

**UCAS Code see page 200**

## Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including a science subject and preferably Mathematics.

## 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 155 for information).

**Joint Honours Programmes with** Mathematics\*, Physics

**Related Honours Programmes in** MEng Computing Science; MA Computing; BSc Information Systems and Business Management; MA Business Management and Information Systems.

## 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](http://www.abdn.ac.uk/ncs)

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 See page 40 for information

 See page 46 for information



96% of students find employment or continue their studies within six months of graduation.

# Conservation Biology

Are you interested in making a difference to the world by working in nature conservation, environmental protection, wildlife research, environmental education or one of a range of other related careers? If so then Conservation Biology at Aberdeen is the right course for you.

## 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, Ecology and Plant & Soil Science form the basis of the course with contributions from a range of other disciplines
- > Staff in these disciplines are active in conservation research and work in close collaboration with a wide range of external organisations
- > Many staff actively contribute to the development of national and international policies on practical conservation work
- > Students benefit from field course teaching throughout the programme in a diversity of environments. Students may participate in field courses in Scotland (for example on the Black Isle or at Bettyhill, Sutherland) or overseas (for example in Germany, the Mediterranean or Florida, USA)

## Degree Programme Structure and Content First Year

All Conservation Biology students take eight courses including **Ecology and Environmental Science**, **Introduction to Biological Sciences**, **Diversity of Life 1 & 2**, **Chemistry for Life Sciences** and **The Cell**. This leaves a choice of two further courses which contribute to enhanced study. Students take a one-week field course on **Plants and Their Habitats in Northern Scotland** at Bettyhill, Sutherland.

## Second Year

All students study a skills course in **Life Sciences**. There is a dedicated **Conservation Biology** course in second year, as well as compulsory courses on **Ecology**, **Genes and Evolution** and a field course in **Zoology**. Popular options include courses in **Plant and Soil Science**, **Animal Physiology**, **Ocean Biology** and **Geography**.

## Third Year (Junior Honours)

All students take a **Statistics** course. Other core elements of the third year include **Animal Population Ecology**, **Animal Evolution and Biodiversity**, **Plant Biogeography**, **Ecosystem Processes**, **Conservation in Practice** and **Sustainable Resource Management**. A wide range of further courses can be taken within the School of Biological Sciences. There will also be a field trip to explore conservation issues around the Highlands and Islands in Scotland.

## 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 **Topics in Conservation Biology** and **Wildlife Conservation and Management**, an extended essay and contribute to a discussion programme. Two further courses are chosen from a list of options.

## Teaching and Assessment

Assessment is typically a mixture of continuous assessment and formal examinations. 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

Our degrees provide you with the academic training and transferable skills appropriate to both the general graduate job market and to specialist employment in conservation. There are career opportunities in Britain and all over the world for conservation biologists. Our graduates have gone on to work in UK conservation agencies, National Parks, national and international NGOs, environmental consultancy, environmental protection agencies, environmental law, environmental education, industry, local government environmental departments and research.

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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***  
 IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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/sbs](http://www.abdn.ac.uk/sbs)

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 See page 40 for information

 See page 46 for information



Students benefit from field course teaching throughout the programme in a diverse range of environments.

# Ecology

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 oceans 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 including **Ecology and Environmental Science**; **Introduction to Biological Sciences**; **Chemistry**; **Diversity of Life 1 & 2** and **The Cell**. This leaves a choice of two further courses from all options offered across the University, including interdisciplinary courses. Students take a one-week field course on **Plants and their Habitats in Northern Scotland** at Bettyhill, Sutherland.

## Second Year

Core courses in second year cover **Skills for Biologists**; **Ecology** and **Topics in Plant and Soil Biology**. Additional popular options include **Conservation Biology**; **Ocean Biology**; **Genes and Evolution**; **Animal Physiology** 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 **Statistics**. Students can also choose from **Plant Biogeography**; **Animal Evolution and Biodiversity**; **Global Soil Geography**; **Animal Behaviour**; **Plant/ Animal Interactions**; **Plant/Environment Interactions**; **Applied Marine Biology**; **Marine Ecology and Ecosystems**; **Sustainable Resource Management** and **Environmental Analysis**.

## 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**; **Ecological & Environmental Modelling**; **Marine Ecology** and **Molecular Ecology**.

## 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:

[www.cieem.net/students-publications](http://www.cieem.net/students-publications)

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***  
 IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Ecology**

 **Course Information**  
[www.abdn.ac.uk/sbs](http://www.abdn.ac.uk/sbs)

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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 40 for information.

 See page 46 for information



Emphasis on field-based teaching, including opportunities for international expeditions.

# Environmental Science

Environmental Science at Aberdeen benefits from interdisciplinary courses in environmental biology, chemistry and soils, representing a 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
- > Active local research environment includes the James Hutton Institute (leading environmental research institute)
- > Opportunities to interact with end-users, such as Scottish Natural Heritage and Biomediation Companies
- > Research-led teaching
- > Students benefit from field course teaching throughout the programme, in a diversity of environments. Students may participate in field courses in Scotland (for example, on the Ythan Estuary, on the Black Isle or at Bettyhill, Sutherland) or overseas (for example, in Germany, Spain or Florida, USA)

## Degree Programme Structure and Content

### First Year

First year students take courses in **Introduction to Biological Sciences, Ecology and Environmental Science, Chemistry and Diversity of Life 1 & 2**. Students take further courses such as **Geology and Geography**.

### Second Year

All students study a skills course in **Life Sciences**. There are core courses in **Ecology, Plant and Soil Biology** and **Conservation Biology**. Further courses can be chosen from a wide range of subjects including **Chemistry, Geology, Biology** and **Geography**.

## Third Year (Junior Honours)

Core courses in the third year include **Soils for Food Security, Global Soil Geography, Ecosystem Processes, Environmental Analysis** and **Statistics**. Optional courses can be selected from a range of animal or plants sciences or applied sciences.

## Fourth Year (Senior Honours)

Honours students undertake a supervised research project and a range of intensive courses relevant to their specialisation. Courses available in the fourth year include **Environmental Impact Assessment, Remediation Technology, Environmental Pollution**, and **Ecological and Environmental Modelling**.

## 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

Our Environmental Science programme is well suited to employment in nature conservation, in government or non-government conservation organisations and also in countryside departments of local government. Generally opportunities are available within environmental organisations such as 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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Environmental Science**

 **Course Information**  
[www.abdn.ac.uk/sbs](http://www.abdn.ac.uk/sbs)

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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 40 for information.

 See page 46 for information



Students benefit from field course teaching throughout the programme, in a diversity of environments.

# Exercise and Health Science

Exercise and Health Science is an inter-disciplinary degree delivered by specialists in exercise sciences, psychology and basic biomedical sciences.

## Why Choose Aberdeen?

Exercise has a powerful role in shaping our society and influencing public awareness of health-related issues. Increasing leisure time and lifestyle choices along with a more sophisticated sporting infrastructure, has led to an expansion of the sectors providing sport, health and leisure. This offers greater employment opportunities for graduates of this programme.

> Obtain a unique insight into the key inter-relationships between science, sport exercise, 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, exercise and health industries

> The final year includes a ten-week, full time research project that provides a good insight into the realities of academic research

## Degree Programme Structure and Content

### First Year

Studies of basic disciplines occupy the first year of study. **Sports Science, Medical Science** and **Psychology** are introduced. Additional courses are selected from the science programme and other areas.

### Second Year

Further expansion of **Sports 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, Clinical Exercise Physiology** and **Sports Psychology** form an important component of third year, including more specific studies on **Anatomy**, together with health-related issues including **Nutrition, Health and Disease**.

## Fourth Year (Honours)

The Honours year comprises focused studies on **Exercise and Health** research topics, a comprehensive course promoting the physiological and psychological aspects of exercise and health, and a course on the science of ageing. The final year culminates with 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 Department provides attractive and up-to-date laboratories both on the King's College Campus and teaching accommodation at Foresterhill.

## Your Future

Graduates in Exercise and Health Science are strongly placed for employment in a wide range of sport, exercise and health industries. Many students will continue in research posts where the project work in the Honours year provides 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 health scientists are able to apply knowledge of biological sciences to the design and evaluation of physical activity and health programmes for participants, ranging through cardiac rehabilitation patients, recreational exercisers and athletes.

Graduates find employment in many areas of public health, occupational health and related biomedical and human-based science subjects allied to medicine. They may also begin careers in sport, leisure and media sectors where their understanding of the basis of exercise, health and disease adds to their other skills.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Exercise and Health Science** (also available as MSci with Industrial Placement and with options in Biobusiness. See page 155 for information).

 **Course Information**  
[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

 **universityofaberdeen**

 **@aberdeenuni**

 See page 40 for information

 See page 46 for information



96% of students find employment or continue their studies within six months of graduation.

# Forest Sciences

Forest Sciences has been taught at Aberdeen since 1907, and brings together the disciplines of Forestry, Ecology, Zoology and Plant and Soil Science. The Degree programme 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
- > Staff in the school have 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 raising money for charity, arranging recreational pursuits and 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.

### First Year

Students cover the basic sciences in **Biology** and **Chemistry** and foundation courses including **Ecology and Environmental Science**, **Diversity of Life** and **Geology**. There are two field courses on **Plants and Their Habitats in Northern Scotland** and the **Forest Environment**. Students take further courses of their own choice contributing towards enhanced study.

### Second Year

All students study a skills course in **Life Sciences**. Other courses provide an essential grounding in many fundamental concepts of forestry. Subjects include **Diversity of Life**, **Community Ecology**, **Topics in Plant and Soil Biology** and other choices contribute towards enhanced study. A field course on **Forest Ecology and Management** supports what is learned in the classroom.

### Third Year

All students study a statistics course in **Life Sciences**. Third year is a combination of pure and applied sciences where the subjects of forest ecology and stand dynamics are developed. These include **Silviculture**, **Forest Measurement**, **Plant Biogeography** and **Forest Resource Management**. Other choices are available depending on the particular interests of the student.

### 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 are used to prepare 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**, **Special Topics in Forestry**, **Plant/Animal Interactions** and **Topics in Conservation Environmental Impact Assessment**. 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. Students are required to attend field courses, which are assessed as part of the degree. 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.

## 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.

## Minimum Requirements:

SQA Highers:	A Levels:
<b>AABB*</b>	<b>BBB*</b>
IB Points:	
<b>32</b> including 5 at HL*	

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Forest Sciences**

## Related Honours Programme in Forestry

Forestry

 **Course Information**  
[www.abdn.ac.uk/sbs](http://www.abdn.ac.uk/sbs)

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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 40 for information.

 See page 46 for information



Excellent teaching and research reputation dating back to 1907.

# Forestry

Forestry has been taught at Aberdeen since 1907 and brings together the disciplines of Forestry, Ecology, Zoology and Plant and Soil Science. The Degree programme 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 richness on earth can be found.

- > 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 raising money for charity, arranging recreational pursuits and 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.

### First Year

Students take eight courses that include **Organismal Biology**, **Chemistry**, **Ecology and Environmental Science** and **Diversity of Life**. Further courses contribute towards enhanced study with popular options in **Geology** and **Geography**. There are two field courses on **Plants and their Habitats in Northern Scotland** and the **Forest Environment**.

### Second Year

All students study a skills course in **Life Sciences**. Other courses provide an essential grounding in many fundamental concepts of forestry. Subjects include **Ecology** and **Topics in Plant and Soil Biology**. There is also a field course on **Forest Ecology and Management**.

### Third Year

Third year courses cover many of the subjects central to forestry. These include **Silviculture**, **Forest Measurement and Monitoring**, **Forest Resource Management** and **Wood: Properties to Products**. These courses are supported by site visits to study forest ecology, dendrology, silviculture, and timber processing. Other popular choices include **Plant/Environment Interactions** and **Plant Ecology**. Students also take a **Statistics Course** in third year.

### 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**, **Special Topics in Forest Science**, **Current Issues in Biological and Environmental Sciences** and **Topics in Conservation**.

## 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. Forestry students are required to attend field courses, which are also assessed. Opportunities are provided for verbal and written presentations and reports, which are related to topics covered. Assessment is by examinations and continuous assessment.

## 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.

## Minimum Requirements:

SQA Highers:	A Levels:
<b>AABB*</b>	<b>BBB*</b>
IB Points:	
<b>32</b> including 5 at HL*	

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Forestry**

## Related Honours Programme in Forest Sciences

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/sbs](http://www.abdn.ac.uk/sbs)

 **universityofaberdeen**

 **@aberdeenui**

 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 40 for information.

 See page 46 for information



Established programme with great employment record for graduates in forest management or research.

# Genetics

Genetics is the study of the inherited differences between individuals and the underlying mechanisms of gene function. An understanding of genetics 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 cause 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 **Medical Sciences** and **Chemistry for Life Sciences** 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 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 **Principles of Genetic Analysis and the Molecular Biology of Gene Function; Genome Biology; Evolutionary Genetics; Medical Genetics; Population Genetics; Developmental Genetics; Human Genetics** and **Complex Genetics Disorders**.

## Fourth Year (Honours)

Students begin their Honours year by attending a two-day reading party. Students take a core course in **Advanced Molecular Biology**, together with a course in **Human Evolutionary Genetics** and **Advanced Human Genetic Disease**.

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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***  
 IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Programmes in Genetics, Genetics (Immunology)** (both also available as MSci with Industrial Placement and with options in Biobusiness. See page 155 for more information).

 **Course Information**  
[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

 **universityofaberdeen**

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 See page 40 for information

 See page 46 for information



Many of our Genetics students have gone on to follow successful research careers in a wide range of laboratories both in the UK and overseas.

# Geography

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, draw directly on the staff's own research into transport, digital technologies, 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; Space, Economy & Society; 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. 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 balances 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 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. 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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***  
 IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Programme with Geoscience**

It is also possible to study Geography combined with other social science and humanities subjects as an MA degree. See page 101 for more information.

 **Course Information**  
[www.abdn.ac.uk/geography](http://www.abdn.ac.uk/geography)

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 See page 40 for information

 See page 46 for information



The region's spectacular mountain and coastal areas provide perfect field sites for Geography at Aberdeen.

# Geology & Petroleum 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 Earth through Geological Time** and **Earth's Materials**. 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. This course is practical-based, and includes an introduction to geology fieldwork.

### Second Year

Four courses all of which are taken for Single and Joint Honours programmes. These include **Stratigraphical Principles, Petrology & Mineralogy, 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, Igneous and Metamorphic Petrology** and **Sedimentology** are included along with **Petroleum Geology**, all of which are core courses for the Geology and Petroleum Geology degree.

Over the two Honours years, a total of three residential field courses, a number of day-long field exercises and an independent field-based project (35 days) emphasise the hands-on nature of the subject.

A number of elective courses can be chosen, 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 & Petroleum Geology 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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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](mailto:sras@abdn.ac.uk)  
Call us: +44 (0)1224 272090/91

## Your Study Options

**Single Honours Programme in Geology and Petroleum Geology**

## MGeol Programme in

Geology (See page 157 for entry requirements).

## Joint Honours Programme with 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)

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 See page 46 for information



**Residential field courses, day-long field exercises and a field project help emphasise the hands-on nature of the programme.**

# Human Embryology and Developmental Biology

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 **Medical Sciences** (including a first taster of **Developmental Biology** and a closer look at the cell) and **Chemistry for Life Sciences**, 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 also take additional courses in **Biochemistry** and **Physiology**. These are combined with courses delivering key skills applicable to Developmental 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 and Reproductive Biology**, on **Early Embryogenesis (Patterning the Embryo)**, on the **Development of Organ Systems** and **Developmental Genetics**.

### 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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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

Human Embryology and Developmental Biology (also available as MSci with Industrial Placement and with options in Biobusiness. See page 155 for more information).

 **Course Information**  
[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

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**Hands-on laboratory training sits at the forefront of our current research.**

# Immunology

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 students 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 **Medical Sciences** and **Chemistry for Life 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.

## Minimum Requirements:

SQA Highers: **AABB\***      A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Immunology** (also available as MSci with Industrial Placement and with options in Biobusiness. See page 155 for more information).

**Joint Honours Programme with Pharmacology** (also available as MSci with Industrial Placement and with options in Biobusiness. See page 155 for more information).

**Related Honours Programme in Genetics (Immunology)** (also available as MSci with Industrial Placement. See page 155 for more information).

 **Course Information**  
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**Opportunities for paid experience in industry and training provided in both specialist and employment-related skills.**

# Information Systems and Business Management

Business Management and Information Systems 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 both Knowledge-Based Systems and business subjects**
- > **Considerable flexibility is offered in the choice of management topics to study during the Honours part of the curriculum**
- > **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

Courses are available from first to fourth year. Information Systems and Business 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. The third year in computing 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.

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. Students also take **Semantic Web Engineering** and **Peer-to-Peer and Agent-Based Computing** alongside business 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, ConocoPhillips, Wipro, Hydro Electric, Scottish & Newcastle Breweries, British Telecom, the National Health Service and local councils.

## Minimum Requirements:

SQA Highers: **AABB\***      A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## Advanced Entry

See page 154 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 Programme in Information Systems and Business Management**

**Related Honours Programme in BSc Computing Science** (also available as MSc with Industrial Placement); **MA Computing**; **MA Business Management** and **Information Systems**; **MEng Computing Science**

 **Course Information**  
[www.abdn.ac.uk/ncs](http://www.abdn.ac.uk/ncs)

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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 40 for information.

 See page 46 for information



**Students benefit from the international reputation of the University's Business School and Computing Science Department, and strong links with industry.**

# Marine Biology

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, octopuses and sharks

> Marine Biology staff undertake applied research on issues related to fisheries management and marine spatial planning

> 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 first year by substantial marine content in **Introduction of Biological Sciences**. Students also take **Diversity of Life 1 & 2**, **The Cell**, **Ecology and Environmental Science** and **Chemistry**. There is also an optional interdisciplinary course titled **Oceans and Society**. Other optional courses covering a wide range of complementary subjects can be selected as enhanced study.

## Second Year

All students study a skills course in **Life Sciences**. Second year courses progress studies in **Ocean Biology**, **Genes and Evolution**, **Ecology** and **Principles of Animal Physiology**. A further course can be selected from a wide range of subjects. All students take a marine field course.

## Third Year (Junior Honours)

Third year courses are in **Marine Ecology and Ecosystems**, **Applied Marine Biology**, **Environmental Physiology**, **Animal Population Ecology**, **Animal Evolution and Biodiversity** and all students take a **Statistics Course**. Students can also choose from a range of further courses on 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**, **Deep Sea Environments**, **Coastal and Benthic Ecology** and **Sustainable Aquaculture**. The breadth of options is extended by courses in **Molecular Ecology and Evolution**, **Wildlife Conservation and Management** 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, governmental and non-governmental 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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Marine Biology**

 **Course Information**  
[www.abdn.ac.uk/sbs](http://www.abdn.ac.uk/sbs)

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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 40 for information.

 See page 46 for information



The programme at Aberdeen is a major international research strength, with a focus on field-based teaching.

# Mathematics

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, rigour 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

There are four compulsory courses: **Calculus I and II**, **Algebra** and **Set Theory**. The first three lead on from school mathematics, while **Set Theory** introduces the language of modern mathematics. There are two optional courses: **Geometry**, which discusses classic results about elementary geometry in a rigorous way, and **Combinatorics**, which is the modern mathematics of counting.

## Second Year

Students take up to six mathematics courses. Four of the courses are compulsory. Of these, two are **Analysis** courses and the other two are **Linear Algebra**. The optional courses are **Advanced Calculus** and **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 **Linear Algebra** courses focus 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. The **Advanced Calculus** course focuses on more computational aspects of multivariable calculus.

## 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, discussing advanced topics of **Linear Algebra** or **Topology**.

## Fourth Year (Senior Honours)

In fourth year 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 also 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 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 110 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 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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*SQA Higher at GCE A Level or equivalent qualification in Mathematics is required and one other science subject. See table on page 156 for more information. **UCAS Code see page 200**

## Advanced Entry

Advanced Highers ABB or A Levels ABB or IB 34 points (6 at HL), including A in Mathematics.

## 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 Mathematics**, **Applied Mathematics**, **Mathematics and Engineering Mathematics**

**Joint Honours Programmes with Computing Science**, **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/mathematics](http://www.abdn.ac.uk/mathematics)

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 See page 40 for information

 See page 46 for information



The research expertise of our Mathematics Department is internationally recognised in both Pure and Applied areas.

# Microbiology

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. There is also focus 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 **Medical Sciences** and **Chemistry for Life 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 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 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 **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.

## Minimum Requirements:

SQA Highers: **AABB\***      A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Microbiology** (also available as MSci with Industrial Placement and with options in Biobusiness. See page 155 for more information).

 **Course Information**  
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**Opportunities for paid experience in industry and training provided in both specialist and employment-related skills.**

# Molecular Biology

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

Students take courses in **Medical Sciences** and **Chemistry for Life Sciences** 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 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 on **Molecular Biology of the Cell, the Molecular Control of the Cell Function** together with the **Genetics** course provide insight into the molecular foundation of life. Students will gain an advanced understanding of biological processes and their underlying molecular and genetic bases.

## 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 two-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 alongside postgraduate and postdoctoral staff.

The fourth year curriculum is divided into a core course and two optional 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.

## Minimum Requirements:

SQA Highers: **AABB\***      A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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

**Molecular Biology** (also available as MSci with Industrial Placement and with options in Biobusiness. See page 155 for more information).

 **Course Information**  
[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

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 See page 40 for information

 See page 46 for information



**Opportunities for paid experience in industry and training provided in both specialist and employment-related skills are available.**

# Neuroscience with Psychology

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 endorphins) 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 **Medical Sciences, Chemistry for Life 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 - **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 **Biological Psychology, Memory and Language** and **Perception**.

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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## Advanced Entry

Advanced Highers ABB, A Levels ABB or IB 34 points (6 at HL), including Biology, Chemistry and Psychology.

## 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 Neuroscience with Psychology** (also available as MSci with Industrial Placement and with options in Biobusiness. See page 155 for more information).

 **Course Information**  
[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

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 See page 40 for information

 See page 46 for information



Our degree programmes combine human and animal neuropsychology.

# Pharmacology

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 Department's 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 **Medical Sciences** and **Chemistry for Life Sciences** 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 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 - **Neurophysiology and Neuropharmacology, Cardiovascular Physiology and Pharmacology** and **Integrative Neuroscience** - are accompanied by specialised courses in **Biochemical Pharmacology and Toxicology, 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 with practical elements using cutting edge techniques.

## 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. In recent years several interactive e-learning tools have been developed and embedded to further enrich the pharmacology learning experience across all four years.

## 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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Pharmacology** (also available as MSci with Industrial Placement and with options in Biobusiness. See page 155 for more information).

**Joint Honours Programme with Immunology** (also available as MSci with Industrial Placement and with options in Biobusiness. See page 155 for more information).

 **Course Information**  
[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

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The Pharmacology department's teaching was rated 'Excellent' in the last Teaching Quality Assessment.

# Physics

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 will undergo practical work covering **Experimental Physics** and **Physical Computing**. The Mathematics component includes **Calculus** and **Algebra**. There is also an option to do a course covering the fundamentals of **Astronomy and Meteorology**. You will 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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*SQA Higher or GCE A Level or equivalent qualification in Mathematics and Physics are required. See table on page 156 for more information.

**UCAS Code see page 200**

## Advanced Entry

Advanced Highers ABB or 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 Sciences

## MPhys Programme in

Physics with Complex Systems Modelling (MPhys). (See page 157 for entry requirements).

## Joint Honours Programmes with

Geology, Philosophy, Mathematics

## Major-Minor Programmes with

Geology, Modern Languages, Philosophy

## Related Honours Programme 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/physics](http://www.abdn.ac.uk/physics)

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Long tradition of teaching Physics combined with modern facilities and a modern modular degree.

# Physiology

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 the 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 **Medical Sciences** and **Chemistry for Life 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 **Physiology of Human Organ Systems**. Parallel 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 - **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 industry.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information.  
**UCAS Code see page 200**

## 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 page 155 for more information).

 **Course Information**  
[www.abdn.ac.uk/sms](http://www.abdn.ac.uk/sms)

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 See page 40 for information

 See page 46 for information



Taught at Aberdeen since 1593, Physiology now benefits from state-of-the-art facilities within the Institute of Medical Sciences.

# Plant & Soil Science

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 James Hutton Institute (leading environmental research centre)
- > Students benefit from participating in field work in the vicinities of our field work stations on the Black Isle and Bettyhill, Sutherland

## 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 (**Introduction to Biological Sciences**, **The Cell**, **Ecology and Environmental Science** and **Diversity of Life 1 & 2**). In addition, a course in **Chemistry** is also studied. This leaves a choice of two further courses which contribute towards enhanced study. In addition to the eight courses, students will attend a summer field trip to Bettyhill in the north of Scotland where **Plants and their Habitats in Northern Scotland** is studied.

### Second Year

All students take eight courses including a skills course in **Life Sciences**. Other courses include **Ecology** and **Topics in Plant and Soil Biology**. Further courses of the student's choice contribute towards enhanced study.

### 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-Environment Interactions**, **Global Soil Geography**, **Ecosystem Processes**, **Environmental Analysis** and **Plant Biogeography**. 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**, **Current Issues in Biological and Environmental Sciences**, **Ecological and Environmental Modelling** and **Environmental Impact Assessment**.

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. Also on site 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 *James Hutton Institute*.

### Teaching and Assessment

Teaching methods include lectures, laboratory practicals, fieldwork, seminars and tutorials. Courses are assessed by both continuous assessment and 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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

### 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**

 **Course Information**  
[www.abdn.ac.uk/sbs](http://www.abdn.ac.uk/sbs)

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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 40 for information.

 See page 46 for information



**The only Plant and Soil Science degree in the UK, with plenty of opportunities for field courses and expeditions.**

# Psychology

Psychology is the science of mental processes and behaviour. It covers a wide range of theoretical and applied disciplines including cognition, perception, language, mental health, lifespan development, neuropsychology, the dynamics of social groups and psychometric testing.

## 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 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

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; Psychology of Emotion; Evolutionary Psychology; 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 and Social Psychology**.

At level 4, students carry out and report an empirical investigation. They also currently select four options, from the following list: **Cultural Evolution; Visual Awareness; Advanced Topics in Language; Abnormal Psychology; Human Factors; Brain and Body; Forensic Psychology; The Neuroscience of Music; Applied Psychology in the NHS**, and **Social Dynamics**.

## 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 115 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)

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

### 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**

**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)

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 See page 40 for information

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**The School of Psychology is the oldest in the UK, providing a fully accredited degree programme covering a wide range of topics.**

# Sports & Exercise Science

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**

> **Our 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 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 provides 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 **Sport and Exercise Science, Medical Sciences and Chemistry for Life Sciences** 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, Clinical Exercise Physiology, Nutrition & Biochemistry of Exercise** and also continue their studies in **Sports Science**.

## Fourth Year (Honours)

Students continue with advanced studies in **Sports Science** research topics and **Exercise Physiology** then 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.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 page 155 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)

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 See page 40 for information

 See page 46 for information



**96% of students find employment or continue their studies within six months of graduation.**

# Zoology

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 the 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, 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, dolphins, seals, rodents, protozoans, cephalopods, snails, crustaceans, honeybees, fleas and ticks**

## Degree Programme Structure and Content

**First Year**  
Core courses include **Introduction to Biological Sciences, Ecology and Environmental Science, The Cell, Chemistry for Life and Diversity of Life 1 & 2**. Three other courses are chosen from a wide range of options within the University.

### Second Year

Core courses include **Ecology, Principles of Animal Physiology, Zoology Field Course** and a statistics course for Biologists. Other popular options are taken from **Conservation Biology, Ocean Biology, Genes & Evolution** 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, Environmental Physiology** and an advanced skills course for Biologists. Other choices are made from **Animal Behaviour, Animals in Captivity, Marine Ecology and Ecosystems, Biology and Control of Infectious Diseases** and **Applied Marine Biology**.

## 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. Courses include **Advanced Behavioural Ecology, Advances in Vector Biology, Parasitology, Hormones and Behaviour and Molecular Ecology and Evolution**. Choices may also be made of subjects relating to Marine Biology. 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, and the study of biodiversity and career development.

## 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.

## Your Future

Zoology courses are designed to provide a broad based set of specialist and generic skills. A considerable number of Zoology graduates continue their education by reading for higher degrees either in the UK or abroad. Graduates may also enter biology teaching 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, animal nutrition and animal health.

## Minimum Requirements:

SQA Highers: **AABB\*** A Levels: **BBB\***

IB Points: **32** including 5 at HL\*

\*Including good performance in at least two Mathematics/Science subjects. See table on page 156 for more information. **UCAS Code see page 200**

## 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 Programme in Marine Biology**

 **Course Information**  
[www.abdn.ac.uk/sbs](http://www.abdn.ac.uk/sbs)

 **universityofaberdeen**

 **@aberdeenuni**

 See page 40 for information

 See page 46 for information



**One of the few universities in Britain offering a Zoology degree, boasting close links with local research institutes.**



# Additional Information

- > Getting Here
- > Frequently Asked Questions
- > UCAS Codes
- > Who's Who & Acknowledgements
- > General & Course Index

# Getting Here

The University is based in the centre of Aberdeen, a city known for its diverse and thriving regional economy. Our city's role as the Oil and Gas Capital of Europe means that we benefit from the very best of transport and travel links from throughout the world. With global air, rail and road connections, Aberdeen is also easily reachable from anywhere in the UK.

## By Air

Just a short taxi ride from the University (six miles from the city centre), Aberdeen International Airport is one of the fastest growing airports in the UK and has excellent links to the UK's main and regional airports.

The 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 travel hubs. British destinations include four London airports (London City, Heathrow, Gatwick and Luton - just over an hour's flight time at fares starting from around £50 return), Belfast, Birmingham, Bristol, Cardiff, Dublin, Durham Tees Valley, Exeter, Humberside, Leeds, Manchester, Newcastle, Norwich, East Midlands and Southampton, as well as the Scottish Highlands and Islands. Other destinations include Amsterdam, Bergen, Copenhagen, Dalaman, Esbjerg, Faroe Islands, Frankfurt, Malaga, Paris, Stavanger and Tenerife.

For further information, please visit [www.aberdeenairport.com](http://www.aberdeenairport.com)

## By Train

Aberdeen's railway station can be found right in the heart of the city and has regular, fast and reliable services to and from all major UK cities.

Rail services connect with Aberdeen from 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: £100.15 > Manchester: £80.05  
> Cardiff: £135.35 > Edinburgh: £34.05  
> Glasgow: £35.90 > Inverness: £28.00  
> London: £104.80

Please note that the above prices are based on booking an off-peak return. If you book in advance you can often buy cheaper single tickets.

16-25 Rail Cards cost £30.00. Taxis from the railway station to the University cost around £7.00. Sample travel fares quoted are correct as at January 2015.

[www.scotrail.co.uk](http://www.scotrail.co.uk)  
[www.eastcoast.co.uk](http://www.eastcoast.co.uk)  
[www.nationalrail.co.uk](http://www.nationalrail.co.uk)

## By Bus

There are regular bus coach services which connect Aberdeen to the rest of the UK. You can get competitive return fares using various Travelcard Schemes which make bus travel popular with our students. The earlier you book your travel, the cheaper it will be.

Sample fares:

> Birmingham: £36.00 > Manchester: £36.00  
> Cardiff: £78.00 > Edinburgh: £7.00  
> Glasgow: £7.00 > Inverness: £2.00  
> London: £16.00

NUS Extra travelcards cost £12.00. 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)  
[www.nationalexpress.com](http://www.nationalexpress.com)  
[www.citylink.co.uk](http://www.citylink.co.uk)

are correct as at January 2015.

## By Local Bus

Once you get here, you'll discover Aberdeen is easy to navigate.

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 40, 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 40).

## 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 taxi

There are a number of taxi companies operating in the city but as always the best way to get to know a new destination is to explore it on foot.

## Need more information

Detailed information on travelling to Aberdeen, including maps, can be found by visiting:

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



**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**

Home to various administrative departments of the University.

**C Regent Building**

Houses the Language Centre.

**D Sir Duncan Rice Library**

£57 million flagship library. An icon of the North East, opened by HM the Queen in 2012.

**E The Hub**

Student centre and home to the Infohub, Student Support, Careers Service, Student Recruitment & Admissions, 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 home of the King's Museum.

**I Fraser Noble Building**

Home to Engineering and Mathematics.

**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 & Aquatics Centre**

Olympic sports centre created for sporting excellence.

**N Butchart Building**

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**

Houses 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 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 former First Minister Alex Salmond. The building is home to students on the BDS Dentistry programme.

**H Rowett Institute of Nutrition and Health**

The Rowett Institute of Nutrition and Health will be relocating to a new purpose built facility on the Foresterhill campus in 2015.

## Aberdeen within Europe



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

# FAQs

Below are just a few questions we are commonly asked by our prospective students. If you have any additional questions please do not hesitate to contact us. You'll find all our contact details on the back cover of this prospectus.

## Do you accept all types of academic qualifications?

The University of Aberdeen welcomes a variety of qualifications from all over the UK and further afield. Our Admissions Department will assess academic qualifications for each applicant on an individual basis in order to identify suitable degree options, tailored to your background.

## Do you offer any alternative routes to study?

The University of Aberdeen offers a range of alternative routes of entry into our undergraduate degree programmes. These include our Summer School for Access programme, and our Access to Degree Studies programme.

Our Access programmes can provide direct entry into the majority of degrees offered by the University and are a perfect option should you:

- > Be considering beginning or returning to study after a period of time
- > Want to study part-time in the day or evening
- > Need to top up your qualifications

You can find out more about our alternative routes here: [www.abdn.ac.uk/study/undergraduate/alternative-routes-of-entry-547.php](http://www.abdn.ac.uk/study/undergraduate/alternative-routes-of-entry-547.php)

## What about deferred entry options?

If you wish to take a year out, UCAS offers applicants the opportunity to submit an application during one cycle, for admission in the following cycle. If you apply for a deferred entry, you must meet the condition of entry by 31 August in the cycle you have applied. (i.e. if you apply in the 2016 cycle for 2017 admission, you must meet the condition of offer by 31 August 2016). You must also apply by the appropriate UCAS deadline dates.

If you decide to defer entry once an offer of admission has been made, the University of Aberdeen will consider this request. You should email the University of Aberdeen ([ugadmissions@abdn.ac.uk](mailto:ugadmissions@abdn.ac.uk)), requesting that you wish to amend the year of entry and why. Please ensure you provide your name and 10 digit UCAS number.

## Do I have to achieve the required grades in one sitting?

Not necessarily. Information on entry requirements can be found in the appropriate sections of each degree area in the prospectus. In addition, more information on Curriculum for Excellence (CfE) can be found at [www.abdn.ac.uk/study/undergraduate/cfe.php](http://www.abdn.ac.uk/study/undergraduate/cfe.php)

## Can I visit the University before I make my final choice?

Yes, absolutely. We actively encourage prospective students to come and visit our campus, facilities and Departments. Our main University open day this year takes place on 01 September 2015.

For more information please see [www.abdn.ac.uk/openday](http://www.abdn.ac.uk/openday)

In addition, the University operates an open door policy in regards to visits, whereby prospective students can be welcomed onto the campus at a time that suits them, tour the facilities and meet with academic staff. Visitors are free to attend with family members or friends. These 'open-door' visits run every week (Monday-Friday, excluding public holidays) but it is normally necessary to provide at least two weeks' notice in order for us to make the necessary arrangements. Visits are arranged through our Student Recruitment and Admissions department.

Email: [sras@abdn.ac.uk](mailto:sras@abdn.ac.uk)  
Tel: +44 (0)1224 272090

## When will I receive a decision on my application?

The University of Aberdeen works in accordance with UCAS dates and deadlines. We endeavour to communicate decisions to applicants who have applied by the 15th January UCAS deadline by the end of March.

## Do you interview applicants?

There are no formal interviews for the majority of our undergraduate degree programmes, with the exception of Medicine, Education and Music (in the case of Music, an audition process). Information on Medical interviews can be found at:

[www.abdn.ac.uk/smd/medicine/interview.php](http://www.abdn.ac.uk/smd/medicine/interview.php)

Information on Education can be found at [www.abdn.ac.uk/education](http://www.abdn.ac.uk/education)

## What bursaries or scholarships does the University offer?

We recognise that being a student can be costly. For this reason we have put together a wide range of scholarships to help manage your expenses. For full information on all the scholarships we have available please visit:

[www.abdn.ac.uk/study/undergraduate/finance](http://www.abdn.ac.uk/study/undergraduate/finance)

# UCAS Codes

Arts and Social Sciences	UCAS Code
Accountancy and Business Management	NN24
Accountancy and Economics	NL41
Accountancy and Finance	NN34
Accountancy and French	NR41
Accountancy and German	NR42
Accountancy and Hispanic Studies	NR44
Accountancy and Legal Studies	NM49
Anthropology	L600
Anthropology and Archaeology	LF64
Anthropology and English	LQ63
Anthropology and Environmental Humanities	2Q2L
Anthropology and Film & Visual Culture	LW66
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 International Relations	LLP2
Anthropology and Politics	LL62
Anthropology and Psychology	LC68
Anthropology and Religious Studies	LV66
Anthropology and Sociology	LL63
Applied Mathematics	G122
Archaeology	F421
Archaeology and History	FV41
Archaeology and History of Art	FV43
Behavioural Studies	C801
Behavioural Studies and Philosophy	CV15
Behavioural Studies and Sociology	CL13
Behavioural Studies with French	C1R1
Behavioural Studies with Gaelic	CC05
Behavioural Studies with German	CCR2
Business Management	N200
Business Management and Economics	LN02
Business Management and English	QN32
Business Management and Finance	NN32
Business Management and French (5 yrs)	RN12
Business Management and French (4 yrs)	NR21
Business Management and Gaelic Studies	QN52
Business Management and Geography	LN72
Business Management and Hispanic Studies (5 yrs)	RN42
Business Management and Hispanic Studies (4 yrs)	NR24
Business Management and History	NV21
Business Management and German (5 yrs)	RN22
Business Management and German (4 yrs)	NR22
Business Management and Information Systems	GN52
Business Management and International Relations	LN2F
Business Management and Legal Studies	MN92
Business Management and Mathematics	GN12
Business Management and Politics	LN22
Business Management and Psychology	CN28
Business Management and Sociology	LN32
Business Management and Real Estate	K438
Celtic and Anglo Saxon Studies	5Q28
Celtic and Anglo Saxon Studies & Anthropology	52QL
Celtic and Anglo Saxon Studies & Archaeology	5V6Q
Celtic and Anglo Saxon Studies & Divinity	79QV
Celtic and Anglo Saxon Studies & English	7Q5Q
Celtic and Anglo Saxon Studies & Film and Visual Culture	7PQ9
Celtic and Anglo Saxon Studies & French (5 yrs)	5R8Q
Celtic and Anglo Saxon Studies & French (4 yrs)	7Q83
Celtic and Anglo Saxon Studies & Gaelic	52Q8
Celtic and Anglo Saxon Studies & Geography	5F19
Celtic and Anglo Saxon Studies & German (5 yrs)	7QF2
Celtic and Anglo Saxon Studies & German (4 yrs)	5QR4
Celtic and Anglo Saxon Studies & Hispanic Studies (5 yrs)	5R29

Celtic and Anglo Saxon Studies & Hispanic Studies (4 yrs)	7R2Q
Celtic and Anglo Saxon Studies & History	5V1Q
Celtic and Anglo Saxon Studies & History of Art	7QV2
Celtic and Anglo Saxon Studies & Language and Linguistics	71Q1
Celtic and Anglo Saxon Studies & Literature in a World Context	5Q7Q
Celtic and Anglo Saxon Studies & Philosophy	7V52
Celtic and Anglo Saxon Studies & Religious Studies	7Q1V
Celtic and Anglo Saxon Studies & Sociology	5LQ2
Computing	G402
Computing and Music	W13
Computing with Industrial Placement	G405
Divinity	V605
Divinity and English	QVH6
Divinity and French	VRP1
Divinity and Gaelic Studies	QV56
Divinity and German	VRP2
Divinity and Hispanic Studies	VRP4
Divinity and History	VWC6
Divinity and History of Art	VWH6
Divinity and Language & Linguistics	VQ61
Divinity and Philosophy	VW65
Divinity and Politics	LVG6
Divinity and Sociology	LVJ6
Economics	L100
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	LLC2
Economics and Legal Studies	LM19
Economics and Mathematics	LG11
Economics and Philosophy	LV15
Economics and Politics	LL12
Economics and Psychology	LC18
Economics and Sociology	LL13
English	Q300
English and Film & Visual Culture	QW36
English and French (5 yrs)	QR31
English and French (4 yrs)	RQ13
English and Gaelic Studies	QQ53
English and German (5 yrs)	QR32
English and German (4 yrs)	RQ23
English and Hispanic Studies (5 yrs)	QR34
English and Hispanic Studies (4 yrs)	RQ43
English and History	QV31
English and History of Art	QV33
English and International Relations	QL32
English and Language & Linguistics	QQ31
English and Literature in a World Context	QQ32
English and Philosophy	QV35
English and Religious Studies	QV36
English and Scottish Literature	Q314
English and Sociology	QL33
English with Creative Writing	3500
English with Music Studies	Q3W3
Environmental Humanities and History	4D4S
European Studies	R900
Film and Visual Culture	W690
Film & Visual Culture and French (5 yrs)	WR6C
Film & Visual Culture and French (4 yrs)	WR61
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 Philosophy	WV65
Film & Visual Culture and Sociology	LW36
Finance and French (5 yrs)	NR31
Finance and French (4 yrs)	RN13
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 International Relations	NLH2
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 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	QQ51
Gaelic Studies and Literature in a World Context	QQ5F
Gaelic Studies and Politics	QL52
Gaelic Studies and Religious Studies	VQ65
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 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)	VR32
German and International Relations (5 yrs)	RLF2
German and International Relations (4 yrs)	LRF2
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 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)	LRF4
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 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	VW13
History and International Relations	VL02
History and Legal Studies	VM12
History and Philosophy	VW15
History and Politics	VL12
History and Religious Studies	VW16
History and Sociology	VL13
History with Music Studies	V1W3
History of Art	V350
History of Art and Religious Studies	VW36
International Relations and Language and Linguistics	LQ21
International Relations and Legal Studies	MLC2
International Relations and Religious Studies	VL62
International Relations and Sociology	LLF3
Language & Linguistics	Q190
Language & Linguistics and Philosophy	QV15
Language & Linguistics and Sociology	QL13
Languages and Literature of Scotland	QQ52
Legal Studies and Philosophy	VM51
Legal Studies and Politics	ML12
Legal Studies and Psychology	CM89
Literature in a World Context	Q200
MA (Ordinary Degree Non-Honours)	Y001
Mathematics	G102
Mathematics and Philosophy	GV15
Mathematics with Gaelic	G108
Mental Philosophy	V500
Natural Philosophy	F301
Philosophy and Physics	VF53

Philosophy and Politics	VL52
Philosophy and Psychology	VC58
Philosophy and Religious Studies	VW56
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	C8FC
Psychology with Gaelic	C8QM
Psychology with German	C8RF
Real Estate	K437
Religious Studies	V601
Religious Studies and Sociology	LV36
Scottish Archaeology	V405
Scottish Cultural Studies	V2L3
Scottish Studies	V210
Sociology	L300

Music	UCAS Code
Music	W300
Music and Communities	W390
Music Education	XW13

Divinity & Theology	UCAS Code
Divinity	V600
Theology	V612

For MA Divinity & MA Religious Studies, see Arts and Social Sciences UCAS codes.

Education	UCAS Code
Education	X120

Engineering	UCAS Code
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MEng	UCAS Code
Chemical Engineering	H810
Civil and Environmental Engineering	H255
Civil and Structural Engineering	H225
Civil with Subsea Technology	H229
Civil Engineering (5 yrs)	H205
Electrical and Electronic Engineering	H605
Engineering (5 yrs)	H104
Mechanical and Electrical Engineering	H1H6
Mechanical Engineering	H305
Mechanical Engineering with Business Management	H3N2
Mechanical Engineering with Subsea Technologies	H309
Petroleum Engineering	H850

BEng	UCAS Code
Chemical Engineering	H813
Engineering	H100
Engineering (Civil and Environmental)	H220
Engineering (Civil and Structural)	H221
Engineering (Civil)	H200
Engineering (Electrical and Electronic)	H620
Engineering (Mechanical and Electrical)	H1H6
Engineering (Mechanical with Oil and Gas Studies)	H3H8
Engineering (Mechanical)	H300
Petroleum Engineering	H851

Law	UCAS Code
Law	M114
Law - Accelerated (Graduates only)	M115
Law with English Law	M2M1
Law and European Legal Studies	M127
Law and French Law	M121
Law and German Law	M123
Law and 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 Business Management	M1N2
Law with options in Music	M1W3
Law with options in Spanish	M122

Medicine	UCAS Code
Dental Surgery (Graduates only)	A201
Medicine	A100

Sciences	UCAS Code
Applied Mathematics	G120
Behavioural Studies	C803
Behavioural Studies with French	CCR1
Behavioural Studies with Gaelic	C1Q5
Behavioural Studies with German	C1R2
Business Management and Information Systems	GN54
Computing Science	G400
Computing Science (MEng)	I101
Computing Science and Mathematics	GGK1
Computing Science and Physics	IF13
Computing Science with Industrial Placement	G401
Information Systems	G503
Information Systems with Industrial Placement	G504
Mathematics	G100
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	UCAS Code
Animal Behaviour	C349
Behavioural Biology	C859
Biological Sciences (Msci)	C900
Biological Sciences (BSc)	C901
Biology	C100
Biology with Environmental Humanities	C105
Conservation Biology	C161
Ecology	D430
Environmental Science	F900
Forest Sciences	D520
Forestry	D500
Marine Biology	C350
Plant and Soil Science	CD27
Zoology	C300

Medical Sciences	UCAS Code
Biochemistry	C700
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

# UCAS Codes

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
Exercise and Health Science	C603
Exercise and Health Science with Industrial Placement	C601
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
Medical Sciences	B4H9
Microbiology	C500
Microbiology with Industrial Placement	C501
Molecular Biology	CC74
Molecular Biology with Industrial Placement	CC47
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

Physical Sciences	
Archaeology	F420
Chemistry	F100
Chemistry (MChem)	F105
Environmental Chemistry	F142
Environmental Chemistry (MChem)	F143
Oil and Gas Chemistry	F111
Oil and Gas Chemistry (MChem)	F110
Geography	F800
Geography and Geoscience	FF68
Geology and Petroleum Geology	F602
Geology and Physics	FF63
Geology (MGeol)	F600
Physical Sciences	F302
Physics	F300
Physics with Complex Systems Modelling (MPhys)	F390
Physics with Geology	F3F6
Physics with Philosophy	F3V5
Physics with Modern Languages	F3R4

# Who's Who and Acknowledgements

## Who's Who

### Principal and Vice-Chancellor

Professor Sir Ian Diamond

### Senior Vice-Principal

Professor Jeremy Kilburn

### 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 for Learning and Teaching

Professor Peter McGeorge

### Vice-Principal for Research and Knowledge Exchange

Professor Phil Hannaford

### Vice-Principal for Development

Professor Neva Haites OBE

### Vice-Principal for Internationalisation

Professor Seth Kunin

### Secretary to the University

Ms Caroline Inglis

### Rector

Ms Maggie Chapman

## Alumni Relations

The Alumni Relations Office is the central point for alumni activities, organising all kinds of events for alumni, including class, year and society reunions, talks, meals, overseas gatherings and association events. Alumni living all over the world remain in contact with the University through this Office. Individuals volunteer to act as regional contacts and there are a growing number of official alumni associations. Alumni can take advantage of the services and affinity schemes which are negotiated on their behalf by the Office. We are the first point of contact at the University for alumni once they have left. By remembering to let us know when you change address once you've graduated, you will receive University publications, including the Voice Magazine. The magazine contains news and features about research and developments at the University, and includes a popular section on alumni news and publicity for Alumni Relations programmes.

### The Alumni Relations Office

**Tel: +44 (0)1224 273234**

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

**Web: [www.abdn.ac.uk/alumni](http://www.abdn.ac.uk/alumni)**

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Edited by Mim McSharry, Anna Wilkinson and James Wright.

Thank you to the Departments who provided the course details.

Thank you to the section co-ordinators and degree clerks and to staff in SRAS who worked on the publication.

Thank you to the schools and pupils who provided invaluable guidance in producing this prospectus.

Thank you to our students who provided profiles and participated in the production of this prospectus.

Published by the Department of External Affairs, University of Aberdeen

Designed by D8, Glasgow  
[www.d8.uk](http://www.d8.uk)

Printed by Sterling, Kettering

Any specific comment you wish to make about this prospectus, or about your interactions with the University prior to you joining, should be directed to:

**Student Recruitment and Admissions Service  
Directorate of Student Life,**

**The Hub,  
Elphinstone Road,  
King's College,  
Aberdeen  
AB24 3TU**

Every effort has been made to ensure the accuracy of the information contained within this Prospectus but it is subject to alteration without notice. The University reserves the right to make variations to the contents or methods of delivery of courses, to discontinue courses and to merge or combine courses. The University is constantly developing new programmes, so please visit our website for new programmes developed for entry in 2017.

**The University of Aberdeen continues to pursue best practice and high standards of service for all students. If you would like to receive this document in an alternative format, please contact the Student Recruitment and Admissions Service for more information.**

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- > Talk to our staff and students
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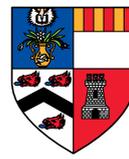
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