Travelling to

70 Market Street, St Andrews University managed accommodation. For more information contact the Tourist Information Office:

- Online: www.visitstandrews.com
- Phone: +44 (0)1334 462000
- Email: standrews@visitscotland.com
- Visit the town centre for free parking.

Free parking in St Andrews town centre is extremely limited so metered parking is available.

For the nearest airports, visit:

- Edinburgh (EDI)
- Dundee (DND)

More information can be found at: www.skyscanner.net

The nearest train station is Leuchars (five miles from St Andrews). Taxis are also available at the station.

For flights, see: www.travelinescotland.com

Specific driving directions can be obtained from:

(a) From south, cross Forth Road Bridge and proceed north along M90 to junction 3. Follow the A92 until just before Cupar, then join the A91 to St Andrews.

(b) Join the A921 by route (a), or by Clackmannanshire Bridge and A977 towards Kinross, following the A90 to St Andrews. Taxis are available from Leuchars train station.

(c) From north-west leave Perth on M90 to junction 9 then by A913 to joining M90 at junction 6 and exit at junction 8 as above.

(d) From north via Dundee, cross Tay Road Bridge on A92 and after 1 mile follow the A92 until just before Cupar, then join the A91 to St Andrews.
Student FTE (Full Time Equivalent) as of October 2016

- Undergraduates: 7,047
- Postgraduates: 1,739

97% of our students continue in their studies; one of the best rates in the UK and the highest in Scotland.

Teaching commenced in 1410
University established in 1413

Town population (including students): c. 20,000

UG students from the UK: 60%
UG students from Overseas: 31%
UG students from the EU: 9%

Student FTE (Full Time Equivalent) as of 31 July 2016

Support: 1,150
Academic: 1,100

1:11 Academic staff: student ratio

41% Undergraduate students in University-maintained accommodation

Research quality
The University has been ranked top in Scotland and one of the UK’s top 20 research universities in the REF (Research Excellence Framework) 2014 and among the most research-intensive universities in Europe.

Student experience quality
St Andrews was ranked joint top in the National Student Survey 2016 which measures student satisfaction with the quality of their academic experience. It is the eighth time in the past ten years that St Andrews has been ranked in the top two across the UK.

Ranked amongst the top 100 of universities in the world (QS World University Rankings 2016-2017).

Ranked 22nd in the world for its international outlook (THE World University Rankings 2016-2017).
Welcome

I am so pleased that you are considering St Andrews as your university. It is a terrific place to come to. This is my own first year at St Andrews, and I have already found it to be one of the most welcoming, energising, and attractive places to live and work in. The University of St Andrews stands for quality across the board, and we put the student experience at the heart of all we do. In 2017 we were voted University of the Year for teaching quality; around that we offer you excellent sporting, musical, and cultural opportunities, and the most beautiful beach in Britain!

This prospectus and the University website are here to give you all the information you need to make an informed choice about your future. You will find that St Andrews has a strong sense of community, that it also values diversity, and that it is highly international. Similarly, it is a mix of the evocatively medieval, and the aspirationally modern. History is all around us in our medieval backdrop, but we also feature state of the art modern buildings, and we see ourselves as making history in them.

St Andrews is where you can fully become the person you want to be. We will challenge you but we will also support you. If you become a member of our university community you do so for the rest of your life. I know that what you read in these pages and on our website will really help you to make the decision about your choice of university, and I hope that we will be able to welcome you as one of our students, and one of our future alumni.

Professor Sally Mapstone
Principal and Vice-Chancellor
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(Further information is also available – at: www.st-andrews.ac.uk/subjects)

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- Faculty of Arts subjects
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Faculty of Arts

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Faculty of Divinity

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<td>– Evolutionary Biology</td>
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<td>– Marine Biology</td>
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<td>– Neuroscience</td>
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<td>Chemistry</td>
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<td>– Biomedical Science</td>
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<td>Psychology</td>
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<tr>
<td>Sustainable Development</td>
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Studying at St Andrews

Studying at St Andrews offers you the opportunity to learn at one of the most extraordinary universities in the world. You will get award-winning teaching, a student experience that is regularly voted amongst the best in the UK by students, and all in a setting like no other. Whichever subject you choose, you will find everything you need to know about studying at St Andrews in these pages and on the University website.

Faculties

Although you will be applying for a specific degree programme, your admission to St Andrews will be to a Faculty. There are four faculties:

- Faculty of Arts
- Faculty of Divinity
- Faculty of Medicine
- Faculty of Science

You will normally belong to the same Faculty throughout your university career and most of the subjects you study will be offered by Schools or Departments within this Faculty. See the Subjects available by Faculty (page 3). Each Faculty has its own entrance requirements (page 53) in addition to the subject specific entrance requirements (pages 56 - 151).

Cross-Faculty subjects

Most subjects fit into a single Faculty, however there are seven subjects offered in both the Faculty of Arts and Faculty of Science, namely:

- Economics
- Geography
- Management
- Mathematics
- Philosophy
- Psychology
- Sustainable Development

The content of the subject is the same irrespective of Faculty.

If you wish to study these subjects in the Faculty of Science (BSc) degrees you will be required to choose at least two modules from the following science subjects during your first two years: Astronomy, Biology, Chemistry, Computer Science, Earth Sciences, Economics, Geography, Mathematics, Physics or Psychology.

If these science subjects do not interest you then you should choose the MA degree in the Faculty of Arts.

About our Honours degrees

Our undergraduate degrees, like those at most other Scottish universities, are studied full time over four years.

- In the Faculty of Arts the typical degree is a Master of Arts (MA) which is an undergraduate Honours degree in arts, humanities or social sciences.
- We are unique in offering a Bachelor of Arts (International Honours) degree. See page 20.
- In the Faculty of Science the typical degree is a Bachelor of Science (BSc). We also offer extended undergraduate programmes resulting in the award of a Master in Biochemistry (MBiochem), Master in Biology (MBiol), Master in Chemistry (MChem), Master in Geology (MGeol), Master in Marine Biology (MMarBiol), Master in Mathematics (MMath), Master in Physics (MPhys) and Master in Science (MSci). These degrees are referred to as Integrated Masters degrees.
- In the Faculty of Divinity the typical degree is a Master of Theology (MTheol). We also offer Master of Arts (MA) in several subject areas of Divinity.
- In the Faculty of Medicine the degree is a Bachelor of Science (BSc) Medicine. The St Andrews element of this degree is three years in length, with further clinical training, leading to a Primary Medical Qualification, taking place elsewhere at one of our Partner Medical Schools (see page 127).

What is a module?

The University operates a modular degree system. Modules are self-contained courses which usually run for one semester. In your first year you will typically take three modules each semester. A student usually takes modules worth 120 credits in each academic year (one credit typically requires ten hours of study in total). All these credits then count towards the total required for your degree, usually 480 credits for a four-year degree.

What modules can I take?

You will need to take the specified modules for your degree programme. The remaining modules you take are your choice. In most circumstances these will be from within your Faculty. There are, however, sometimes restrictions for very popular subjects because priority is always given to students already within that Faculty. You will have an Adviser of Studies to help you finalise these choices during matriculation and at the start of each semester.

Only students in the Faculty of Medicine will be able to study elements of the Medicine programme.
How will I be taught?

Student numbers vary from subject to subject. First and second year classes are larger than more advanced classes in most subjects.

- **Lectures** – the basic method of teaching undergraduate students given by specialists in particular subjects, ensuring that all students receive the same key information while developing note taking and summarising skills.

- **Tutorials and seminars** – selected topics are discussed in smaller groups and analysed on the basis of prepared written work and/or presentations by students, ensuring that you develop analytical and communication skills. They also help promote the excellent relationship between staff and students which exists at St Andrews.

- **Independent study** – enables you to become increasingly self-reliant in the way you manage your time and organise your work, encouraging a more scholarly approach to independent study.

- **Laboratory work** – advanced equipment and techniques may be used to conduct experiments under expert supervision, allowing you to put theoretical knowledge into practice.

- **Fieldwork** – some subjects include compulsory or optional fieldwork from an early stage.

- **Audio-visual and computer-assisted learning** – our state-of-the-art facilities support learning through other forms of collaborative and independent learning.

- **Placements** – some degrees have the option to undertake a placement. For medical students, this will be in a clinical environment. Students in the School of Modern Languages on a WIYA (With Integrated Year Abroad) programme have the option to apply for a work placement in a country where French, German, Italian or Spanish is spoken. Biology and Chemistry students on the five-year programme are able to participate in an external industrial or research placement in the UK or overseas.

Honours students sometimes take part in residential reading parties. These weekend ‘mini-conferences’ allow students and staff to discuss their subject in an informal atmosphere and are usually held at The Burn. This is a large country house in Angus, set in its own beautiful grounds and used as a conference centre by Scottish universities.
Learning and teaching

Our approach to learning and teaching is a little like the University itself: a mix of very traditional and very new. In every subject, we take care to cover all the bases, on the one hand familiarising our students with the knowledge and theories that are essential to understanding of the discipline; and on the other, giving you a chance wherever possible to develop practical uses for the expertise you acquire. From this starting point, we expect our students increasingly to design their own studies, by selecting options and undertaking research-based activities that they devise by themselves, with support from academic staff. More information about learning and teaching can be found online at: www.st-andrews.ac.uk/study/further-particulars-of-offers

Assessment

Modules are normally assessed in the semester in which they are taught, by examination, continuous assessment (coursework) or, in most cases, a combination of these. You will receive feedback on every assessment with a view to improving your performance in the future. If you fail an assessment for a particular module you may be offered an opportunity to be reassessed.

Passing a module entitles you to receive the credits for that module. You will also receive a grade for each module taken which will appear on a transcript available on the completion of your studies.

Adviser of Studies

You will be assigned to an Adviser of Studies, whom you must see at the start of each semester to discuss your module choices and have them approved. Your Adviser of Studies is also available for consultation at other times on any academic-related problems that may arise. They will help you choose appropriate modules for your current degree programme.

On most programmes you will also take modules in other subjects during first and second year. These choices will affect your future options for being able to change to a different degree programme. By choosing your additional modules carefully, with advice from your Adviser of Studies, you should aim to keep your degree options open for as long as possible. Most students keep at least two different degree options open until the start of second year, and in some cases you can delay the final degree choice until the start of third year. You cannot change your degree programme during your first year, but after first year you can request a degree change if you have kept open the option to study a different subject.

You can also refer to the Course Catalogue for individual degree programme requirements.

www.st-andrews.ac.uk/coursecatalogue

Degrees awarded

Honours degrees are awarded with First Class Honours, Second Class Honours (2.1 or 2.2), or Third Class.

Curriculum development

The University will use all reasonable measures to deliver courses of study as they are outlined at the time of offer. However, as a research intensive institution, the University ensures that its teaching is based on and references the research and related interests of its staff, which may change from time to time. We are also mindful of the best use of our resources to ensure the highest quality experience for our students. As a result, programmes and modules are regularly reviewed with the aim of enhancing students' learning experience. Any changes are made with due consideration to minimising impact, safeguarding academic standards and assuring quality, and are described at:

www.st-andrews.ac.uk/media/teaching-and-learning/policies/course-revision-protocol.pdf
Faculty of Arts

St Andrews has a centuries-long tradition of teaching in the arts, and today we continue to teach arts, humanities and social sciences subjects at the highest possible level. Studying in the Faculty of Arts will allow you to take the passion you have for a particular subject further and also to explore new areas of study that interest you.

Through the teaching of world-leading academics and learning alongside students from all over the globe, you will not only experience an outstanding education, but also hear different perspectives from classmates from diverse backgrounds.

The Faculty provides a variety of modular programmes leading to the following degrees:

**MA (Master of Arts) Honours** (four years) – 480 credits.

**BA (International Honours)** (four years) – 480 credits (a jointly delivered degree with the College of William & Mary, USA). See page 20.

**MA (Master of Arts) General** (three years) – 360 credits (see description of General degree on page 16).

Please note the specific degree requirements in the subject pages 56 - 151. Also see the Arts Faculty entrance requirements on page 53. Also see the information on Learning and teaching and Curriculum development (page 7).

**Modules are available in the following subject areas:**


* Certain modules have further pre-requisites. For more information, see the subject pages 56 - 151 or www.st-andrews.ac.uk/coursecatalogue

S These subject areas are not full degree programmes.

**Possible routes to a Single or Joint MA Honours (Arts or Divinity) degree**

**First year**
(Study 3 subjects in each semester)

Subject A + Subject B + Subject C

**Second year**
(Study 3 subjects in each semester)

Subject A + Subject B OR Subject C + Subject C* OR Subject D

Your Honours programme choice(s) will be dependent on fulfilling the Honours entry requirements for each subject

**Third year**

**Single Honours**

Subject A or B or C

**OR**

**Joint Honours**

Any pair from Subjects A, B, C

**Fourth year**

**Single Honours**

Continuing Subject A or B or C

**OR**

**Joint Honours**

Continuing same pair

Subject A must be the degree subject for which you were offered a place.

Subject B must be the other subject if you were accepted for a Joint Honours programme.

* Subject C may only be taken once, if it is taken instead of Subject B in second year, then the third subject would be Subject D.

We also offer a number of Triple Honours programmes within the School of Modern Languages. Further details can be found in the subject pages, 56 - 151. For information on how these programmes are arranged in the Honours years, please contact Admissions by email: admissions@st-andrews.ac.uk

**“The Faculty of Arts is a collaborative community of world-leading scholars who collectively produce outstanding research and innovative teaching: we are clearly amongst the best in the world, as rankings consistently show. The intellectual life of our scholarly family – students and Faculty together – is therefore wonderfully rich. Because of this, your experience in the Faculty of Arts will help you to explore unexpected possibilities, to develop your critical skills, and to live up to your potential.”**

Professor Paul Hibbert
Dean of Arts & Divinity
“I originally applied for English but switched over to Film Studies at the end of my first year. The members of staff are so wonderful and encouraging. I think the flexibility is key. I loved having the opportunity to explore other areas of interest, which gave me the chance to switch degrees. In my first year I took English, Film Studies, and Italian. In second year I took modules in Scottish Music, English and Film Studies. My dissertation is on how the Joker (in Batman) represents anxiety in America pre/post 9/11 and how reinvention keeps characters relevant. Next semester I will take Film and Fashion and War and Cinema.”

Kit (Houston, Texas, USA)
Current student – MA (Hons) Film Studies

“The flexibility of studying here has allowed me to take French and Spanish whilst also continuing to take other modules in subjects that I care about like music, for example. In first year, I took a Music module in one semester and a Linguistics one the next – this meant that my learning was not simply restricted to the subjects I had applied for. The Faculty of Arts offers a large and diverse number of subjects, so you’ll never be stuck for choice and have time to explore your options before Honours. As a Joint Honours student, I continued to do French and Spanish but loved getting to dip into other subject areas in sub-honours.”

Caitlin (Glasgow, Scotland)
Current student – MA (Hons) French and Spanish (With Integrated Year Abroad)

“One of the great advantages of being an Arts student at St Andrews is the flexibility of the degree structure here. As an International Relations student, I am not just limited to that area of study. In my first year I studied International Relations, Geography, Philosophy and Sustainable Development.

Being able to try out different subjects really enhances your overall learning experience. As well as the flexibility of subject choice, I love how international St Andrews is. As my secondary school mainly consisted of Scottish students, it has been fascinating to get to know people from different countries, cultures and backgrounds. I now not only have friends from different countries, I have friends from different continents.”

Jonathan (Kennoway, Fife, Scotland)
Current student – MA (Hons) International Relations
Faculty of Divinity

A close-knit community with centuries of teaching and tradition, the Faculty of Divinity offers you the opportunity to explore biblical and theological studies as, or as part of, your degree programme.

**MTheol (Master of Theology) Honours** – 480 credits. This degree is the most popular Honours degree taken by Divinity undergraduates. For entrance requirements – see page 80. Also see diagram below.

**MA (Master of Arts) Honours** – Biblical Studies or Theological Studies or various Joint Honours combinations of subjects taught within the Faculty of Divinity with other Arts subjects. The degree awarded is Master of Arts and subject to the regulations applying to the Arts Faculty. See diagram on page 8 for the structure of Joint Honours degrees. For Faculty entrance requirements, see page 53. Please note the specific degree requirements in the subject pages 56 - 151. Also see the information on Learning and teaching and Curriculum development (page 7).

**First and second year modules in Divinity**

Old Testament (with optional Hebrew), New Testament (with optional Greek), Theology (Systematic Theology and Philosophy of Religion), Church History – Practical Theology (social and pastoral theology and ethics). Combinations depend on your degree choice.

**Modules available in the following other subject areas:**

* Certain modules have further pre-requisites. For more information, see the subject pages 56 - 151 or [www.st-andrews.ac.uk/coursecatalogue](http://www.st-andrews.ac.uk/coursecatalogue).

$ These subject areas are not full degree programmes.

“The Faculty and School of Divinity is a world-leading centre of excellence in research and teaching, ranked first in the UK in the Guardian University Guide 2017, with a score of 100% for course satisfaction. Based in a unique and historic collection of buildings centred on St Mary’s College, Divinity is a remarkably close knit community. We offer innovative programmes, led by inspiring and outstanding teachers.”

**Professor Paul Hibbert**
Dean of Arts & Divinity

**St Mary’s College Bursaries**
You are eligible to apply if you are a Divinity student, but not if you are an Arts student taking Divinity modules (MA Theological Studies and MA Biblical Studies students are eligible).
[www.st-andrews.ac.uk/divinity/current/ug/bursaries](http://www.st-andrews.ac.uk/divinity/current/ug/bursaries)

**“I entered the University studying Joint Honours Geography and Theological Studies; being able to take modules from both Schools allowed me to tailor a degree that most suited my interests. Within the School of Divinity there is a wide range of modules you can take that vary from historical, conceptual, philosophical, exegetical and languages, all of which complement each other for a holistic overall experience. I took modules in Biblical Studies, Hebrew and Geography. I have continued with the Divinity modules, combining the disciplines of Theology with Biblical Studies and being able to continue learning the Hebrew language. The interaction with staff is brilliant.”**

**Josh (Salisbury, Wiltshire, England)**
Current student – MA (Hons) Theological Studies

**The route to an MTheol Honours degree**

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 compulsory modules in Divinity</td>
<td>1 module in any subject</td>
</tr>
<tr>
<td>2 compulsory modules in Divinity</td>
<td>1 module in any subject</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over the two semesters</td>
</tr>
<tr>
<td>3 compulsory modules</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Third year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
</tr>
<tr>
<td>4 compulsory 15-credit modules in Divinity</td>
</tr>
<tr>
<td>Semester 2</td>
</tr>
<tr>
<td>2 x 30-credit optional modules</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fourth year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
</tr>
<tr>
<td>Honours Dissertation or 30-credit optional module</td>
</tr>
<tr>
<td>Semester 2</td>
</tr>
<tr>
<td>Honours Dissertation or 30-credit optional module</td>
</tr>
</tbody>
</table>
Faculty of Medicine

Medicine at St Andrews is a three-year BSc (Honours) programme after which you will progress to one of our Partner Medical Schools at the universities of Aberdeen, Dundee, Edinburgh, Glasgow and Manchester or Barts and The London School of Medicine and Dentistry to complete your Primary Medical Qualification and graduate as a doctor.

Our course does not follow the same model as the rest of the University, rather it has a set programme in which all modules are compulsory and unique to the Faculty of Medicine. You will enter at the equivalent of second year, in order for your degree to be completed in three years.

<table>
<thead>
<tr>
<th>The route to a Medicine BSc Honours degree</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First year</strong></td>
</tr>
<tr>
<td>Two modules each of 60 credits</td>
</tr>
<tr>
<td>Semester 1</td>
</tr>
<tr>
<td>MD2001</td>
</tr>
<tr>
<td>Foundations of Medicine 1</td>
</tr>
<tr>
<td>Semester 2</td>
</tr>
<tr>
<td>MD2002</td>
</tr>
<tr>
<td>Foundations of Medicine 2</td>
</tr>
<tr>
<td><strong>Second year</strong></td>
</tr>
<tr>
<td>Two modules each of 60 credits</td>
</tr>
<tr>
<td>Semester 1</td>
</tr>
<tr>
<td>MD3001</td>
</tr>
<tr>
<td>(Cardiovascular &amp; Respiratory Systems)</td>
</tr>
<tr>
<td>Semester 2</td>
</tr>
<tr>
<td>MD3002</td>
</tr>
<tr>
<td>(Reproductive, Renal &amp; Gastrointestinal Systems)</td>
</tr>
<tr>
<td><strong>Third year</strong></td>
</tr>
<tr>
<td>One module each of 60, 40 and 20 credits</td>
</tr>
<tr>
<td>Semester 1</td>
</tr>
<tr>
<td>MD4001</td>
</tr>
<tr>
<td>(Central Nervous System &amp; Endocrine System)</td>
</tr>
<tr>
<td>Semester 2</td>
</tr>
<tr>
<td>MD4002</td>
</tr>
<tr>
<td>(Student Selected)</td>
</tr>
<tr>
<td>MD4003</td>
</tr>
<tr>
<td>(Applied Medical Science)</td>
</tr>
</tbody>
</table>

“When you study medicine at St Andrews you get an outstanding grounding in the sciences that support medicine and a significant introduction to the clinical skills you will require throughout your career. Our unique programme is a collaboration with some of the best medical schools in the country offering a robust and holistic medical education.”

**Professor David Crossman**
Dean of Medicine

**Gateway to Medicine**

The Gateway to Medicine programme is taught through the Faculty of Science but with contributions from staff in the Faculty of Medicine. The purpose of the programme is to promote the uptake of higher education, specifically the study of Medicine, among those groups that are traditionally under-represented at university. Further information on page 126 and online: [http://medicine.st-andrews.ac.uk/teaching/bsc-hons-medicine/gateway-to-medicine](http://medicine.st-andrews.ac.uk/teaching/bsc-hons-medicine/gateway-to-medicine)

“The Faculty of Medicine provides students with a myriad of highly educated and experienced staff from various academic and clinical backgrounds. The diversity offered to the students allows us an insight into medicine as seen throughout the world, from both a clinical and scientific perspective. The Faculty instils a mantra of “we want you to succeed”, hence they take a personal interest in each and every student advising and advocating their best interests personally and professionally. The atmosphere the academic staff project is one of collaboration, a strong work ethic, excellence and determination, thus producing classes of exceptionally high achieving individuals who offer support and encouragement to each other.”

**Hannah** (Midland, Ontario, Canada)
Current student – BSc (Hons) Medicine
Faculty of Science

We are extremely proud of our science teaching at St Andrews and consistently appear near the top of the National Student Survey for student satisfaction. In all of the eight science Schools at St Andrews you will experience research-led teaching and be taught by leaders in their respective fields. Small group teaching is common and you will be able to explore your chosen subject in small groups and in state-of-the-art laboratories. The Faculty provides a variety of modular programmes leading to an Honours degree in Science. Degrees awarded are:

**BSc (Bachelor of Science) Honours** (four years) – 480 credits
**MBiochem (Master in Biochemistry) Honours** (five years*) – 600 credits
**MBiol (Master in Biology) Honours** (five years*) – 600 credits
**MChem (Master in Chemistry) Honours** (five years*) – 600 credits
**MGeol (Master in Geology) Honours** (five years*) – 600 credits
**MMarBiol (Master in Marine Biology) Honours** (five years*) – 600 credits
**MMath (Master in Mathematics) Honours** (five years*) – 600 credits
**MPhys (Master in Physics) Honours** (five years*) – 600 credits
**MSci (Master in Science) Honours** (five years*) – 600 credits

**BSc (Bachelor of Science) General** (three years) – 360 credits

*Integrated Masters programmes are designed to let you specialise in the subject more than you can with the shorter BSc programmes. Most of these can be taken in four years through Direct entry into second year (see page 51 for more information).

There are alternative routes into some of our science degree programmes, including Direct entry into second year (see page 51), Computer Science (Gateway) (see page 76) and Physics and Astronomy (Gateway / International Gateway) (see page 138).

“Studying a science in St Andrews means you will be part of a Faculty at the forefront of teaching and research. Our eight science Schools are communities that bring together academics, researchers and students from all over the globe to create a world-class learning environment in our unique location.”

**Professor Alan Dearle**
Dean of Science

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**Structure of a typical BSc Single or Joint Honours (Science) degree**

| First year (Study 3 subjects in each semester) | Subject A | + | Subject B | + | Subject C |
| Second year (Study 2 subjects in each semester) | Subject A | + | Subject B | OR | Subject C |

**Your Honours programme choice(s) will be dependent on fulfilling the Honours entry requirements for each subject**

<table>
<thead>
<tr>
<th>Third year</th>
<th>Single Honours</th>
<th>OR</th>
<th>Joint Honours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject A or B or C</td>
<td>Any pair from Subjects A, B, C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fourth year</th>
<th>Single Honours</th>
<th>OR</th>
<th>Joint Honours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuing Subject A or B or C</td>
<td>Continuing same pair</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Subject A must be the degree subject for which you were offered a place. Subject B must be the other subject if you were accepted for a Joint Honours programme.*

Some subject areas offer a range of degrees with slightly different structures. **Studying three different subjects is not compulsory, depending on your degree choice.** You might do two different modules in the same area of science.

Further details and subject-specific diagrams are available for Biology (page 62), Chemistry (page 66) and Computer Science (page 76).

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**Modules are available in the following subject areas:**

“In first year I studied a variety of Computer Science and Mathematics modules. I found the programming projects in Computer Science to be very exciting because they showed us just how much we could do in just one semester of studying. I also decided to study a language and took Spanish for beginners. In second year I continued with advanced topics in computer science and internet programming. We do a variety of projects in groups between two and seven, starting from first year. IT teaches you to work in any situation you can encounter later on.

I was very pleased to be given the opportunity to study abroad in my third year. I went to Queen’s University, Canada. The fact that I studied abroad for a year meant that I had a chance to compare different systems of education, and I have found the education provided at St Andrews to be a really good mixture of flexibility, guidance and the ability to engage.”

Masha (Riga, Latvia)
MSci (Hons) Computer Science

“The flexibility of studying in the sciences meant that in my first year I was listening to world experts lecture on their fields, from laser technology to whale communication, right from the word go. I took modules in biology, my core subject, as well as chemistry and physics, which expanded my knowledge and helped me to keep an open mind on where my interests may lead me.

I decided to stick with Biology heading into second year and it became my core focus. Since then I have completed a wide array of modules covering broad topics in conservation methods, aquatic ecology, evolution and animal behaviour before focusing on my main interest, seagrass ecology, with modules in tropical marine ecosystems and marine mammal foraging in my final Honours year. This year I will also be completing a dissertation focusing on these seagrass ecosystems.”

Rufus (Kilmacolm, Inverclyde, Scotland)
Current student – BSc (Hons) Marine Biology

“In my first and second year, I studied various mathematics modules, such as Abstract Algebra, Complex Analysis, Real Analysis, Statistical Inference, and more. My choices spanned the different fields of mathematics on offer in St Andrews: Statistics, Pure and Applied. In my Honours years, I took more subjects oriented in Statistics, such as Bayesian Inference, Design of Experiments, Statistical Modelling and Computing in Statistics.

It is no surprise that my dissertation was on a statistical topic, ‘Particle Filters’. The great thing about St Andrews is that you can take other subjects during your first two years.”

Justin (Ipoh, Perak, Malaysia)
Current student – MMath (Hons) (Fast Track)
Exploring additional subjects

The flexible structure of our degrees provides the opportunity to explore additional subjects you may not have studied before, alongside your chosen degree. You must take the compulsory modules in the degree programme to which you were admitted, and you can usually take modules in one or two other subjects as well. These can be in almost any subject we teach here, depending on your previous qualifications and module availability.

Some first year modules, such as French, require previous subject knowledge, but many others do not. Here you will find the breadth of possibilities available with no particular subject background, with further options if you do have the appropriate background.

As well as optional modules in many of the degree subjects, there are also subjects that do not themselves lead to full degree programmes, but can be taken as part of a degree in another subject:

**Music**
You can choose from a range of academic music modules. See pages 132-133 and: www.st-andrews.ac.uk/music/study/musicaspartofyourdegree

**Language and Linguistics**
Our modules explore how language is structured, covering concepts relating to grammar, word formation, sentence structure, analysing sounds and the acquisition of language. They will be of interest if you are studying a language or Linguistics, and will complement the study of subjects such as Modern Languages, Psychology, Biology and Social Anthropology. www.st-andrews.ac.uk/elt

**English language and culture for non-native speakers**
You can also choose modules specifically designed for you if English is your second or additional language. We integrate language-related classes with lectures on British culture and society. There is a focus on speaking, listening and writing, in both academic and non-academic contexts.

The second year modules will further develop your English for academic contexts. Focusing on core academic writing principles, such as essay planning, structure and referencing, you will have the opportunity to enhance your language skills in a way appropriate to your degree programme.

If you are a non-graduating student who is attending the University for only one year or semester, you will find our first year modules particularly useful.

Choosing optional modules

Without any previous subject-specific academic background, you can choose certain modules in the following subjects. The list reflects the position for 2016-2017; some variation may occur in subsequent years. More information about choosing your optional modules and their academic pre-requisites can be found online at: www.st-andrews.ac.uk/coursecatalogue/ug

- Ancient History
- Art History
- Astrobiology
- Astronomy
- Biology
- Chemistry
- Classics
- Comparative Literature
- Computer Science
- Earth & Environmental Sciences
- Economics & Finance
- English as a Foreign Language
- English Literature
- Film Studies
- Geography & Sustainable Development
- Great Ideas (interdisciplinary)
- History – as well as the Ancient History and Art History options above
- Languages – Arabic, German, Greek, Hebrew, Italian, Latin, New Testament Greek, Persian, Russian or Spanish without prior knowledge
- Linguistics
- Management
- Music
- Philosophy
- Psychology & Neuroscience
- Scientific Methods
- Social Anthropology
- Statistics
- Theology/Divinity

With the necessary academic background, additional optional modules are also available in:

- French
- International Relations
- Mathematics
- Physics

Please find opposite illustrations of how additional subjects have fitted into the degree programmes for some of our students.
## Exploring additional subjects

### Ben – MA (Hons) International Relations and Philosophy

<table>
<thead>
<tr>
<th>Year</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>International Relations + Philosophy + Economics + Social Anthropology</td>
</tr>
<tr>
<td>Second</td>
<td>International Relations + Philosophy + Management</td>
</tr>
<tr>
<td>Third</td>
<td>International Relations + Philosophy</td>
</tr>
<tr>
<td>Fourth</td>
<td>International Relations + Philosophy</td>
</tr>
</tbody>
</table>

### Lizzy – BSc (Hons) Psychology

<table>
<thead>
<tr>
<th>Year</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>Psychology + Biology + Management</td>
</tr>
<tr>
<td>Second</td>
<td>Psychology + Management</td>
</tr>
<tr>
<td>Third</td>
<td>Psychology</td>
</tr>
<tr>
<td>Fourth</td>
<td>Psychology</td>
</tr>
</tbody>
</table>

### Kerr – MGeol (Hons) Earth Sciences

<table>
<thead>
<tr>
<th>Year</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>Earth Sciences + Sustainable Development + Music</td>
</tr>
<tr>
<td>Second</td>
<td>Earth Sciences + Chemistry + Music</td>
</tr>
<tr>
<td>Third</td>
<td>Earth Sciences</td>
</tr>
<tr>
<td>Fourth</td>
<td>Earth Sciences + Communication and Teaching in Science module</td>
</tr>
<tr>
<td>Fifth</td>
<td>Earth Sciences</td>
</tr>
</tbody>
</table>

### Samantha – MA (Hons) English and Mediaeval History

<table>
<thead>
<tr>
<th>Year</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>English + Mediaeval History + Philosophy</td>
</tr>
<tr>
<td>Second</td>
<td>English + Mediaeval History + Philosophy</td>
</tr>
<tr>
<td>Third</td>
<td>English + Mediaeval History</td>
</tr>
<tr>
<td>Fourth</td>
<td>English + Mediaeval History</td>
</tr>
</tbody>
</table>
Lifelong and flexible learning

We appreciate that some students may not come to the University through a traditional route. At St Andrews there are a range of flexible study options to help you balance your other commitments whilst studying for a degree. This is an ideal opportunity if you are looking to return to education after a break, from college courses or employment. It can also be for those with family or caring responsibilities or who may have health conditions which stopped you previously from attending university.

Our flexible study options include a specially designed part-time evening course, or full-time or part-time study during the day. We also offer a dedicated entry route from further education colleges to support you through the transition into higher education.

General degree – full or part time
The Master of Arts (General) degree or Bachelor of Science (General) degree are programmes available to both full-time and part-time students. The General degree is not open to school leavers, instead it is an option if you are coming to us through an alternative route such as access courses, HNCs or you are returning to study after a sustained period of time out of education. This entry route is also available if you have experienced mitigating circumstances during your time at school which may have affected grades and you have now progressed to a further education college. The General degree allows you to study a number of different subjects without having to specialise in any particular one and typically extends over three years of full-time study (120 credits per year).

If you are taking this route it may be possible to progress into a named Honours degree programme at the end of your second year (once you have obtained 240 credits) if you meet the requirements of the academic School(s) involved.

The application process for full-time study on the General degree is through UCAS, and all suitable applicants will be invited to an interview as part of the decision-making process.

Daytime study – part time
If you are available during the day and meet the required level of recent qualifications, you can attend the same classes as our full-time MA (Master of Arts) or BSc (Bachelor of Science) students, taking one or two modules each semester instead of three on a full-time course. Through daytime study you can work towards the MA General degree or BSc General degree, and potentially aim towards an Honours degree in a named subject (or subjects).

Daytime study at a glance
- Entry qualifications must be recent and of a similar level to those offered by our full-time students.
- The range of degree options includes Honours (typically six to eight years of part-time study) as well as the General degrees (four to six years part time).
- Students take one or two modules per semester, and will be studying alongside full-time students.
- Part-time students with an income below £25,000, taking more than 30 credits, may apply to SAAS (Student Awards Agency for Scotland) for the full tuition fee.
- Students usually start in September (although January may be possible).
- Subject areas can also be taken as stand-alone modules.

Interviews will be held for all suitable applicants as part of the decision-making process.

More information on these courses and how to apply can be found online at: www.st-andrews.ac.uk/study/ug/options/routes/part-time/day-study

“I joined St Andrews after completing an HND in Business and was a little unsure whether St Andrews was the right place for me, but after speaking with fellow students I felt instantly at ease. The Lifelong Learning team prepare you for university life and reassure you that you are a perfect fit for the university, every step of the way.”

Morgan (Arbroath, Angus, Scotland)
“Being my first journey into education for some 31 years, I was unsure if I would be able to cope with this advanced level of learning or even if I could combine studying with the demands of a full-time career. I needn’t have worried, the support and instruction from the Lifelong Learning Team, the academic staff and fellow students is exceptional and my confidence in my own abilities has never been higher. Not only have I exceeded my own expectations but am wondering why I didn’t apply to the University years ago.”

Paul (Leuchars, St Andrews, Scotland)

Recognition of Prior Learning

In some cases the University can recognise prior learning (RPL) that the applicant has undertaken, in the form of courses that have been obtained at college or through other education providers. RPL can enhance an application for admission to a degree programme and in some instances gain the applicant entry with advanced standing, entry to second year, or credit transfer.


Evening study at a glance

- Study for a Master of Arts (General) degree or Bachelor of Science (General) degree in three to nine years.
- Combine a range of modules and build up your degree programme.
- Part-time students with an income below £25,000, taking more than 30 credits, may apply to SAAS (Student Awards Agency for Scotland) for the full tuition fee.
- Credit can be given for recent previous learning at higher education level (HNC, HND, OU, etc.).
- Attend classes on one or two evenings a week.
- September or January start.
- Subject areas can also be taken as stand-alone or as “taster” modules.

Interviews will be held for all suitable applicants as part of the decision-making process.

More information on these courses and how to apply can be found online at: www.st-andrews.ac.uk/study/ug/options/routes/part-time/evening-degree

“I had left full-time education aged 17, with four GCE ‘O’ Levels and secretarial qualifications. I doubt that studying towards a university degree ever featured on any horizon. When I was suddenly widowed at 51, the opportunity to study at St Andrews presented me with something positive, academically challenging and inspiring. It has been all of these things. I have now covered subjects ranging from Computer Science and Environmental Biology, to Art History and Mediaeval Scotland, and hope to go on to a Masters. I have always felt welcomed and an inclusive part of the University, and made good friends along the way.”

Lesley (Anstruther, Fife, Scotland)
Access

We are proud of our diverse and vibrant student community, and we continue to strive towards attracting students who have the talent and potential to succeed, regardless of personal or social circumstances.

Our wide range of long-established initiatives and pioneering new projects engage with learners at every stage along their educational journey. We work with primary, secondary and college students, as well as those returning to education after a period of time. Our aim is to enable learners from under-represented groups to not only aspire to university but also to have the means to access the university of their choice.

Gateway programmes at St Andrews

The University offers programmes designed to give opportunities to those who may have experienced some disadvantage during their schooling which resulted in them not achieving the grades required for some of our courses. The University offers Gateway programmes for those wishing to study for a degree in Computer Science, Physics or Medicine.

Computer Science (Gateway) and Physics and Astronomy (Gateway)

These programmes are designed for applicants with high academic potential who have just fallen short of the minimum entrance requirements and who meet some or all of the University’s Widening Participation criteria. The programmes provide students with enhanced academic support in their first year to gain the skills required for entry into the second year of the main programme. Applicants are advised to apply to the University of St Andrews through the UCAS application process. Please refer to the specific subject pages 76 and 138 for more information.

Gateway to Medicine

This is a one-year programme taught in the Faculty of Science but with contributions from staff in Medicine. Students will take first year (1000 level) modules in Biology and Chemistry. In addition, they will be able to choose further first year (1000 level) modules within the Faculties of Science or Arts. Entrants to the Gateway who pass the year at an appropriate level, and meet the other requirements for progression, will transfer into the Medicine degree programme.

This course is not available through UCAS. For more information, please refer to the subject specific page 126.

“I attended the Sutton Trust Summer School at St Andrews. I was thrilled when I was accepted as it gave me the opportunity to spend a week at St Andrews gaining an insight into university life. I had a fantastic week and was able to meet existing students and meet other likeminded people. It gave me the confidence to know that I would be able to deal with what would be a major life change, and to know I would ‘fit in’ at university.”

Myles (Isle of Harris, Western Isles, Scotland)

“Access projects are key in opening St Andrews up to students who may have never really thought about studying here. I was in this situation as I finished my fifth year of secondary school. Did I want to go to university? Which university should I apply to? These were the questions going through my mind when I applied to the Sutton Trust Summer School, hoping it would make up my mind for me. And it did. I spent a week in St Andrews attending lectures and workshops run by University staff ranging from academic topics to study abroad opportunities. One of the most beneficial aspects of this access project is the skills sessions to prepare students for the upcoming UCAS application deadline.”

Ronan (West Calder, West Lothian, Scotland)
“The First Chances and Reach projects had a huge impact on the development of my skills and confidence that prepared me for university. The projects also gave me an awareness of opportunities that I did not know were available, such as scholarships. Since becoming a student at St Andrews, I have been able to assist in giving young people in Fife the opportunities that I was given, as well as showing them that any aspiration is possible to achieve, regardless of background, if you work hard enough.”

Lizzy (Kirkcaldy, Fife, Scotland)

Secondary school projects

We design a number of programmes to give senior school pupils a practical insight into student life at St Andrews and support their transition to university.

These projects include:

• **First Chances**: in partnership with The Robertson Trust and our local schools, we work throughout Fife to help pupils aspire to further and higher education. Throughout the S3 to S6 programme, pupils receive support and guidance through academic workshops, UCAS workshops, Revision camps and residential summer schools. The programme also offers a flexible structure for care experienced young people. This programme follows on from the First Chances Foundation programme which runs between P7 and S2.

• **Reach St Andrews**: this programme aims at increasing and diversifying access to high demand university subjects and subsequent high demand professions. We offer a range of activities, information sessions and events both at the University and in the community for S4 to S6 pupils who have an interest in studying subjects such as economics, finance, management, medicine, neuroscience and psychology.

• **Access for Rural Communities**: a pioneering project aimed at supporting and enabling young learners from rural communities on their journey into university. Working with S4-S6 pupils, the ARC project provides a platform for pupils to explore opportunities in higher education in the local areas of Argyll and Bute, Highlands, Eilean Siar (Western Isles), Shetland and Orkney. Pupils receive support and guidance throughout the university application process, aiming to give pupils the tools, knowledge and confidence to stretch themselves and succeed in higher education.

• **Shadowing programme**: we invite pupils from non-traditional backgrounds to spend a day shadowing an undergraduate student to appropriate lectures, tutorials and seminars as well as finding out more about university life.

• **Sutton Trust Summer School**: this week-long residential summer school is about demystifying what life is like at competitive universities. Open to those in S5, Year 12 or equivalent across the UK, it supports pupils with less access to information about university and enables them to make an informed decision about their application.

Care leavers

We offer additional support to care leavers, both during the application process and as a student at the University. This includes financial support and guidance as well as help finding year-round accommodation. There is a dedicated Care Leaver Support Co-ordinator in place to ensure that this support is directed in an effective manner.

When applying to the University through UCAS, please indicate if you have been in care. We can then contact you at the application stage to give you more information about the kind of support we can offer as well as put you in touch with our Care Leaver Support Co-ordinator.

More information is available online:
www.st-andrews.ac.uk/study/access/care-leavers

Young carers

Being a young carer is one of the criteria we use in selection for our access projects. Our programmes offer support and guidance throughout primary and secondary school, helping to raise both aspirations and attainment.

When applying to the University through UCAS, please indicate if you are a young carer. We can then contact you at the application stage to give you more information about the kind of support we can offer as well as put you in touch with a dedicated member of staff who can direct you to relevant support services within the University. More information is available on the University website.

Admissions

University of St Andrews, St Katharine’s West, 16 The Scores, St Andrews, Fife, KY16 9AX.
E: schools.access@st-andrews.ac.uk
admissions@st-andrews.ac.uk
W: www.st-andrews.ac.uk/study/access
Bachelor of Arts (International Honours)
St Andrews – William & Mary

Collaborative international learning

The Bachelor of Arts (International Honours) is a collaboration between two internationally renowned universities, offering the opportunity to study at both the University of St Andrews and the College of William & Mary, in the USA.

This is an innovative and truly international degree. It is designed to allow those studying this degree to enjoy both the depth of study for which St Andrews is renowned and the breadth which characterises the liberal arts tradition of William & Mary – a great asset in our competitive global job market. This degree goes beyond the standard study abroad route (page 22) as it allows you to spend two years at each institution and graduate with a jointly awarded BA (International Honours) degree carrying the insignia of both institutions.

Whether you are studying Classical Studies, Economics, English, Film Studies, History or International Relations, as a BA (International Honours) student, you will become a member of a very special community which transcends borders and fosters a global outlook, enriching both universities with fresh ideas and perspectives.

BA (International Honours) students experience a number of transitions throughout their degree programme, and we believe these transitions help you to develop agility and adaptability, a confident and flexible approach to your learning, and a broad and international perspective, all of which will help you to prepare for employment in a global market.

The BA (International Honours) programme combines the best aspects of two academic traditions, while offering you a greater range of academic choices and the opportunity to acquire direct knowledge of two distinct intellectual and national cultures. The curriculum in each of the disciplines offers more breadth than a traditional St Andrews degree as well as more specialisation than is usual at William & Mary.

Entrance requirements

Admission to the BA (International Honours) is highly competitive. The entrance requirements for all six subject areas are:

- AAAB at SQA Higher
- AAA at A-Level
- 38 IB points

For Classical Studies, Film Studies and History, these requirements are higher than those for the MA degrees in those subjects at St Andrews.

If you are applying to study History it is essential that you have a strong competency in a language other than English.

If you are applying to study International Relations, you should be aware that it is a requirement to also study Economics in first year.

The College of William & Mary

The College of William & Mary is located in the historic town of Williamsburg, Virginia, which is approximately 150 miles south of Washington, DC. Adjacent to the campus is Colonial Williamsburg which, along with Jamestown and Yorktown, comprise the Historic Triangle. Like St Andrews, William & Mary is a relatively small institution which provides an excellent learning environment and student experience.

- Founded in 1693, William & Mary is the second oldest college in the United States.
- Three former Presidents of the United States benefited from educational programmes offered by the College: Thomas Jefferson, James Monroe and John Tyler.
- US News and World Report ranks W&M the best small public university in the US, and the public university with the strongest commitment to teaching.
- Over 6,000 undergraduate students.
- Student: faculty ratio – 12:1.
- Nearly 400 student clubs and organisations.
“Being able to study history (or any other subject) from both an American and British perspective is a massive benefit to students on the programme. In addition, the personal growth and development that being a student in different parts of the world fosters, is something that can only be learned through the experiences of being in the programme. The technical challenges of transitioning between two prestigious, but different universities creates a versatility in students that cannot be taught in a classroom.”

Ashley (Virginia Beach, Virginia, USA)  
BA (International Honours) – History 2018

“The programme enabled me to access both the New York and London markets, which helped introduce me to a career in finance and fashion. The programme is challenging while we navigate between Virginia and Scotland and meet the heavier academic requirements of both universities. The reward is double or triple: double the friendship, double the opportunities, and ultimately a stronger person than we would have been staying in one university for four years.”

Zhu (Shenzhen, China)  
BA (International Honours) – Economics 2017

Structure

You will apply to the institution where you intend to spend your first year and then move on to the other institution for your second year. Thereafter you can choose how you wish to allocate your third and fourth years of study. You will spend one sub-honours (either first or second year) and one Honours year (either third or fourth year) in each location. Dedicated academic advisers will assist you throughout the duration of your degree.

From the outset you will elect to specialise in one of six subject areas: Classical Studies (choose either Ancient History and Archaeology or Greek and Latin pathway), Economics, English, Film Studies, History (including significant study of a second language) or International Relations. In first and second years you have the opportunity to study from the broad curriculum offerings of the two institutions, as well as your chosen specialisation.

In addition to your main subject, you will, in consultation with your Adviser of Studies, compile a ‘breadth portfolio’ comprised of courses satisfying the six knowledge, nine skills, and three values-objectives that underlie the William & Mary General Education Requirements. These requirements, together with the variety of subjects available can be viewed in the respective course catalogues at each institution, and in the programme regulations, all available via the link below.

Would you like to know more?

For comprehensive information, including details of the higher tuition fees for all students on this exciting international collaboration, please visit: www.st-andrews.ac.uk/study/ug/options/routes/wm
Study Abroad opportunities

Study Abroad in the St Andrews degree programme

Whether it is Biology in Australia, Psychology in Canada or International Relations in Hong Kong – Study Abroad programmes play an important role in the University’s commitment to a learning culture that is challenging, imaginative and flexible.

The University is delighted to offer undergraduates in Arts, Divinity and Science a number of exciting opportunities to apply to spend a semester or year abroad as part of a St Andrews degree programme. We are partnered with large and small institutions, ancient and young, across the globe. Some offer an intimate campus experience; others are located in the heart of a major metropolis, from Beijing to Melbourne to Los Angeles. What unites all of our programmes is the quality of the academic provision, ensuring that participation in a St Andrews Study Abroad programme opens the door to a new and valuable academic experience at another world-class institution.

Study Abroad for credit is permitted on existing University-approved programmes only. All of our programmes are carefully selected and monitored. The University has good relations with our partners overseas and works closely with them to ensure students enjoy a successful period abroad and a smooth return to St Andrews thereafter.

Key information

• Some programmes are available for one semester, while others involve a full academic year abroad (usually Junior Honours year).
• Opportunities are available in most degree programmes in Arts, Divinity and Science.
• Some programmes are competitive and the main criterion is a strong academic record.
• Approved courses abroad will count towards your St Andrews degree programme.
• Most programmes involve payment of your normal tuition fees to St Andrews and no tuition fee liability at the host institution.
• Several Study Abroad programmes have scholarships attached to help you with the costs of Study Abroad.

Before applying to study abroad, it is important to think about your financial circumstances carefully. The costs involved in studying abroad vary depending on location and programme. You will be responsible for your travel and living costs and any other personal expenses. Additional costs may include: visa charges, vaccinations, books, supplies, and medical insurance. Please note that accommodation is not often guaranteed at our partner universities. More information can be found online at: www.st-andrews.ac.uk/studyabroad

St Andrews Abroad options in 2017-2018

• St Andrews Abroad refers to a number of University exchanges each of which is open to students in several disciplines in Arts, Divinity and Science.

“As part of third year for my BSc Marine Biology, I studied at James Cook University in Townsville, Australia. It was an experience that I will never forget and one that has completely changed me for the better – not only as a scientist but also as a person. Situated in the dry tropics within arm’s reach of the Great Barrier Reef, this place is a marine biologist’s dream come true. Containing the prestigious ARC Centre for Coral Reef Studies and with strong links to the Australian Institute of Marine Science, the education I received was second-to-none in my field.”

Alec (Carnforth, Lancashire, England)
Studied in Australia

<table>
<thead>
<tr>
<th>Country</th>
<th>St Andrews Abroad Partner Institutions</th>
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</thead>
<tbody>
<tr>
<td>Australia</td>
<td>University of Melbourne, Macquarie University</td>
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<tr>
<td>Canada</td>
<td>Queen’s University, University of Toronto, Western University</td>
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<tr>
<td>New Zealand</td>
<td>University of Auckland</td>
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<td>Singapore</td>
<td>National University of Singapore</td>
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</tbody>
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| United States | University of California, University of North Carolina, University of Pennsylvania*,
                  Purdue University, University of Richmond, University of Virginia, Washington College, College of William & Mary |

* Normally, we only have one place available at the University of Pennsylvania which is restricted to Scottish students due to the attached funding (the Robert Lincoln McNeil Scholarship). Please see the Collaborations & Study Abroad webpages for further details.

School Study Abroad programmes

• School Study Abroad programmes are programmes for students in specific disciplines.
• Some European partners offer courses in English, so you do not have to study a language to participate.
• A number of Schools have established Study Abroad programmes outside Europe, including Australia, China, the Middle East and Uruguay.
• In 2016-2017 the University has more than 40 subject-specific Study Abroad programmes in 18 countries.

For a full list of destinations and participating Schools, please see: www.st-andrews.ac.uk/studyabroad/outgoingstudents

Please refer also to individual subject pages 56-151.
“My time abroad was an excellent way of immersing myself in a different European culture and an even better opportunity to travel to some beautiful cities in France. There were also significant academic benefits, most notably my greatly improved language skills. Working as part of an excellent team of French teachers allowed me to develop my language skills within a professional environment. A study abroad programme, in whatever form that takes, is an unforgettable experience that I would highly recommend to anyone with the opportunity to do so.”

Laura (Renfrew, Scotland)
Worked in France as a British Council Language Assistant

Working abroad
Completing a work placement abroad is a good opportunity to gain work experience in another culture or language and to enhance valuable skill sets. As part of specific degree programmes in Biology, in Chemistry and in Modern Languages, you may apply to undertake a work placement abroad for credit.

When considering your work abroad options, it is important to think about the costs involved. These will vary depending on location and programme but you will be responsible for your travel and living costs as well as any other personal expenses. For full details, please visit the Study Abroad webpages.

Erasmus+
The Erasmus+ programme is a European project run by the European Commission. It is intended to support activities in education, training, youth and sport in all sectors of lifelong learning, including higher education.

The University has an Erasmus+ Charter and participates actively in the programme. We have secured funding for 2016-2017 and will apply for funding for Erasmus+ activities in 2017-2018. We value our European and international partnerships, and the opportunities they provide for student and staff mobility, and the exchange of knowledge, ideas and perspectives.

At the time of publication, the UK’s ability to participate in the Erasmus+ programme from 2018-2019 onwards is uncertain, following the result of the UK referendum on EU membership in June 2016. Information and updates will be posted on the University’s Study Abroad webpages, and also at: www.erasmusplus.org.uk

Study Abroad at St Andrews
Exchange opportunities
The University of St Andrews has partner institutions around the world. Exchange students can apply to spend either a semester or a full academic year at St Andrews.

International Study Abroad Programme
A large number of Study Abroad students attend St Andrews each year from all over the world (programme fee attached).

Inbound Exchange and Study Abroad students can choose to study a range of subjects, at a range of levels, in the Faculties of Arts, Divinity or Science. If you wish to study Honours-level modules you should ensure that you have the requisite background knowledge – for most subjects this means prior study at university level. If you are attending St Andrews on subject-specific exchange programmes you may be permitted to take additional courses in other subjects.

Entrance requirements and how to apply
Entrance to the University of St Andrews is highly competitive and applicants are expected to have a strong overall average grade and evidence of English language proficiency. Information regarding the current entrance requirements together with the procedures and deadlines for application can be found online at: www.st-andrews.ac.uk/studyabroad/incomingstudents

Further information
For further information on all of our Exchange and Study Abroad programmes, including details of our current partner institutions and the latest information on Erasmus+, please check the Collaborations & Study Abroad webpages: www.st-andrews.ac.uk/studyabroad and www.st-andrews.ac.uk/studyabroad/outgoingstudents/erasmus

Collaborations & Study Abroad studyabroad@st-andrews.ac.uk +44 (0)1334 462245

For information about the Robert T “Bobby” Jones Memorial Scholarship, (Emory University, Atlanta), please contact Development: roberttjones@st-andrews.ac.uk

“... My year at St Andrews was one of the most positive experiences of my life. Living in halls was a chance to integrate seamlessly into a community. I took all my modules in the School of Classics and a turreted stone building overlooking the North Sea was an ideal place to read about the ancient world. The formal balls were certainly the social highlight of the year, but even more than that just spending time with friends or wandering on Lade Braes were fantastic in their own right.”

Evan (Denver, Colorado, USA)
Study Abroad student from Columbia University, USA
English Language Teaching

English Language Teaching (ELT) offers a range of courses and programmes:

- **Pre-sessional English and academic skills courses** for those who have received an offer to study at St Andrews.
- English language and academic literacy development: workshops, tutorials and online materials.
- Introductory TEFL training for students.
- Modules in **English as a Foreign Language** and **Academic English** for students who use English as an additional language.
- Modules in the **Foundations of Language** (introductory Linguistics) open to all students.

### Pre-sessional English language and academic skills courses

Our pre-sessional courses offer international students the opportunity to develop their skills for a UK academic setting. With an emphasis on academic writing and the appropriate use of sources, these courses will ensure that you are prepared for the kinds of assignments you will do on your degree programme. Activities on these courses include: attending lectures on varying topics and developing note-taking strategies as well as developing oral skills and confidence by participating in seminars, group work and presentations. Personalised feedback is offered throughout to help you improve your abilities. There will also be plenty of opportunities to improve your language skills in a social setting, as well as taking part in cultural activities like Scottish ceilidh dancing. You will be given a practical introduction to life in the UK and at St Andrews.

If your first language is not English, we strongly recommend the **four-week pre-sessional course** for the best possible start to your studies at St Andrews.

If you come from an educational background outside of the UK, you will appreciate our **two-week international academic skills course**. It will teach you about academic expectations in the UK so you can start your degree with confidence in your abilities.

If your English language level does not satisfy the University’s requirements you may be asked to attend the four-week pre-sessional course as a condition of entry. For further information email: elt@st-andrews.ac.uk

www.st-andrews.ac.uk/elt

### In-sessional English Language Service (IELS)

The University’s English Language Service is available for students whose first language is not English, offering both workshops and individual tutorials. Workshops focus on specific groups or language levels, whilst tutorials help develop self-study skills or getting feedback on structuring longer written assignments.

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### Credit-bearing modules as part of your degree

We offer modules which can be taken as additional subject(s) (elective) as part of your degree programme. (See Exploring additional subjects on page 14.)

### Introduction to TEFL

We offer short introductory TEFL courses which provide valuable initial training if you are considering teaching English as a foreign language. These are particularly useful if you are planning to spend a year abroad as part of a degree in Modern Languages. For further information please contact Rosalind Doig: rd21@st-andrews.ac.uk

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"The transition to university and career paths is made easy with the International Foundation Programme. We are given the chance to explore structures, ideas and new layers of meanings and concepts. We are able to enjoy a multicultural educative environment nurtured by our tutors. Each student has the ability to excel and be creative. The programme promotes thinking, language and communication skills to a level that prepares us for future career and life paths."

**Hour** (Cairo, Egypt)
Foundation programmes for international students

The University's International Foundation Programmes are designed to bridge the gap between national school-leaving qualifications and the demands of a degree programme at the University of St Andrews or another UK university.

These programmes will enable you to develop your subject knowledge as well as the academic skills and high levels of English language proficiency you will need for successful study at degree level in another language and in a different cultural context.

Our International Foundation Programmes provide an entry route into undergraduate degree programmes across our Faculties, and are widely recognised by other top-ranking British universities. Some of our students have gone on to do degrees in Engineering, Law, Pharmacy and Actuarial Science elsewhere.

The International Foundation Programmes last 8, 10 or 18 months and there are September and January entry options:

**September**
- Management, Economics & Finance
- Social Sciences & Humanities
- Science
- Medicine

**January**
- Pathway to Medicine
- Arts
- Science

**Learning and teaching**

Our programmes are designed to allow you to develop knowledge of a range of subjects and begin to engage with them critically to prepare you for the demands of undergraduate study on a degree programme. Whether you aim to explore Physics or Philosophy, Art History or Zoology, we have a programme to meet your needs.

Our professional and experienced University teaching team will give you the tools to follow lectures and participate in seminars on complex topics in another language and to research and write essays in an appropriately academic style. We will help you to develop the skills you need, and teach you the techniques and strategies to use when faced with many different types of assessment. Our detailed feedback on your assignments will help you to make consistent progress.

Our teaching takes place in small multinational and multicultural groups so that you will benefit greatly from debate with your fellow students from different countries and cultural backgrounds, as well as with your tutors.

“Studying an International Foundation Programme at St Andrews is a great way to adjust to a new environment while learning and gaining new friends from across the globe. My Foundation year was of tremendous help when I entered first year. It prepared me well for what is expected of me in my undergraduate studies. Whether it be writing and structuring an essay or preparing for an oral presentation, the programme really guides each of its students to overcome whatever they are struggling with and ensures that they are ready for university.”

Mary (Phillipines)

**Medicine and Science**

The International Foundation Programmes for Medicine and for Science are taught in conjunction with the Schools in the Faculties of Science and Medicine. You will take first year modules along with first year students, whilst following courses in Academic English and Communication Skills as well as subject-specific courses such as Medical Ethics and Higher Chemistry. This ensures that the knowledge you acquire in the classroom reinforces the knowledge and skills learned in the lecture theatre and laboratory. Science students with high grades at the end of the programme may be permitted to progress on to the second year of a degree in their chosen science.

**Entry requirements**

The International Foundation Programmes are for overseas students with national school-leaving qualifications (rather than international qualifications such as IB, A-Levels or APs), or for those who need to develop additional language proficiency. Entry to our Foundation Programmes requires an excellent high school transcript from your own country, and IELTS (Academic, for UKVI) 5.5 - 6.5, depending on the programme. Further requirements for Medicine can be found online and, for all programmes, you will also be interviewed, either in your country or online.

**Moving on to a degree**

Successful completion of a foundation programme in Science, Arts, Social Sciences & Humanities and Management, Economics & Finance satisfies our undergraduate entry requirements and guarantees progression to undergraduate level at the University of St Andrews. Successful Medicine students must meet additional School of Medicine entrance requirements in order to enter undergraduate Medicine:

www.st-andrews.ac.uk/elt/foundation/medicine

cifp@st-andrews.ac.uk

www.st-andrews.ac.uk/elt/foundation
Accommodation

The University has nearly 4,000 beds across a fantastic range of accommodation. You can find out more about our accommodation online at: www.st-andrews.ac.uk/accommodation/ug

We recommend looking at the full range of facilities on offer and the most up-to-date fee information prior to making your application.

Accommodation Guarantee

The University of St Andrews guarantees an offer of our accommodation to all first year undergraduate students*, provided all the following conditions are met:

• You are applying as a single applicant.
• Your application is received by 30 June in the year of entry.
• You have met all the offer conditions and accepted your unconditional offer from the University/UCAS by 31 August in the year of entry.
• You have accepted your offer of accommodation within 10 days of the offer being sent to your email address.

If you are not covered by the guarantee, you are still welcome to apply in the usual way and we will try our best to accommodate you.

* Please note: in years of exceptionally high demand, students who live within a reasonable commuting distance will not be offered accommodation until a room becomes available. This may be after the start of the semester.

Whilst a limited amount of accommodation is available to returning undergraduate students, we cannot guarantee you a place within University accommodation after your first year.

Accommodation choices

The residences are located throughout the town and all are within walking distance of University buildings and the town centre.

Our residences range from beautiful stone built listed buildings full of original period features, to stylish new apartments, with en-suite bathrooms, which are built to high environmental and sustainability standards.

A range of catered and self-catered accommodation is available, with a choice of standard rooms with shared or en-suite bathroom facilities. Ensuite rooms include a toilet, sink and shower attached to the room for the sole use of the occupant(s).

To enable as many students as possible to enjoy the character of our historic properties, places for first year undergraduates in these halls are on a predominantly shared room basis; individual study bedrooms are available in our modern halls. A number of studio apartments, which include their own cooking facilities and an en-suite bathroom, are also available.

Please note that catered residences close over the inter-semester break in January, with the exception of David Russell Apartments and Agnes Blackadder Hall. Self-catered residences are open throughout the inter-semester break, providing continuous residence for those who need it.
What is included?

As a minimum, all accommodation includes the following:

- a bed
- a desk
- a study chair
- a range of storage for clothes and books.

Hall fees also include:

- Wi-Fi internet access throughout halls of residence, including bedrooms.
- Contents insurance (terms and conditions apply).
- Hall committee subscriptions.
- Wardennial Team – Student Services (see further details on next page).
- Bike storage.
- Launderettes with card operated washing/drying facilities. All residences also benefit from the Laundry View online system, which allows students to check the availability of washing machines and driers in the laundry from their laptop or PC, via an online portal.

Current details regarding fees and facilities for each residence can be found online at: www.st-andrews.ac.uk/accommodation/ug

Catered accommodation

- Each of the residences has a unique dining room providing an ideal setting for you to eat, meet new people and socialise.
- We have a commitment to ethically sourced quality products, using Fairtrade tea and coffee, free range eggs and utilising local suppliers, sourcing sustainable produce and seasonal foods, wherever possible.
- A wide range of menu items is offered daily, including a vegetarian option and healthy alternatives endorsed by the Healthy Living Award www.healthylivingaward.co.uk
- Compact kitchens are available so you can prepare drinks and light snacks between meals.
- Options offered include daily selection of hot and cold Scottish breakfast items. At lunch and dinner we provide a wide selection of hot main meals (including a vegetarian choice) as well as soup (vegetarian), salad bar, deli bar with a selection of fillings (lunch only), delicious puddings as well as fresh fruit, fruit juice and tea and coffee – it is your choice.

Delivering a service that works around you

We know that you will be busy studying and attending classes so we deliver a service that works around you.

- Packed lunches or dinners can be provided as alternatives in fully catered residences.
- A number of catering packages are available to maximise flexibility.

We endeavour to meet special dietary requirements, however we are unable to provide vegan, halal or kosher options and may not be able to cater for some food allergies depending on the severity. If you require a specialist diet we recommend opting for self-catered accommodation.

Self-catered accommodation

- All our self-catered accommodation offers you total flexibility to cook your own meals, choosing when and what to eat, giving you greater freedom.
- Shared kitchens all include lockers for food storage and eating areas.
- Kitchens are equipped with cookers, microwaves, refrigerators, freezers, kettles, pans and cleaning equipment.
- Various cafés are available across the University giving you a choice of catering options for those times when you do not feel like cooking for yourself.

“The hall provides a safe home to anyone studying at St Andrews. Even with over 500 students, the sense of hall community is strengthened through hall sports events, formal dinners, Hall Ball and some fantastic themed social and welfare events. Located next to the science buildings and a five-minute walk from the centre of town, together with the events and lovely staff, this hall really gives everyone living here the ideal hall experience essential to university life.”

Ciara (Prestonpans, East Lothian, Scotland)
Senior Student, Agnes Blackadder Hall
Accommodation (continued)

The St Andrews living experience

At St Andrews each residence offers something different, more than just a place to stay, it is a place to live. Whether you live in one of our old historical buildings or one of our newer modern residences you will have a Wardennial Team on hand for advice and support and a Committee to organise events.

Your social life may include computer gaming, film nights, relaxing in the gardens, or a game of pool. Whatever your interests the range of communal areas and facilities in our residences ensures we have something to suit everyone.

There are also computer rooms, libraries and quiet study areas available in our residences that we hope you will take advantage of.

Supporting the living experience

Your residential experience is supported by a Wardennial Team (University staff and postgraduates) who take responsibility for encouraging a sense of community and are your key contacts within the residence. They actively encourage you to join in with your fellow residents organising games nights, activities and excursions.

Wardennial Teams will be the first point of call if a health crisis occurs, or if you have a personal problem. They keep order and are responsible for student discipline. Their roles also involve mentoring, advising and providing support.

The Wardennial Teams work alongside the Residence Management teams who look after the fabric and furnishings of the residence and also ensure the smooth running of the catering and cleaning service.

Hall Committees

The students in each residence elect a Senior Student and a Hall Committee who take on the responsibility of looking after the social life of the residence, organising BBQs, receptions and balls, and representing student opinion to the Management.

The Hall Committee therefore plays an important role in welcoming new students into their communities and fostering a sense of belonging.

Students with disabilities and limiting long term illness

The University gives all possible support to students with disabilities and those with limiting long term illness. To enable us to work with you to help meet your individual requirements, it is important that you provide full information on your application form of anything that is likely to impact on your accommodation needs.

The University understands that disability is not always visible and related to physical impairments. Student Services and Wardennial Teams can also provide support. We have a number of adapted rooms and we encourage you to visit the accommodation to see facilities and talk to Student Accommodation Services before you accept a place in a residence. If you want us to take account of your special circumstances, please let us know as soon as possible.

Families and mature students

The University has a small number of studio apartments and houses specifically designed for mature students, or those with families. Further information on how to apply is provided online: www.st-andrews.ac.uk/accommodation

“Our hall is the University’s biggest and most diverse. The opportunity to interact with such a large multicultural base of students serves as an ideal learning and growing platform. This to me is the hallmark of being a part of the hall. The Wardennial Team members provides support and guidance while the Student Committee plays an active role to ensure we have a good time.”

Armaan (Dubai, United Arab Emirates)
David Russell Apartments / Fife Park

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Accommodation

Once you receive and accept an offer of a place to study at the University it is time to apply. Please do not wait for your offer status to change, regardless of whether your offer is conditional, unconditional or insurance place. Please see the Accommodation Guarantee on page 26.

Applications for accommodation can be made from 1 April in your year of entry. Full details can be found online at: www.st-andrews.ac.uk/accommodation

Important information

To be guaranteed accommodation you must submit your completed application form to Student Accommodation Services before 30 June in the year of entry and have met all the guarantee conditions.

Your choice

Please ensure you take a close look at the range of accommodation and prices online before submitting your online application, as you will be asked to give four preferences of type of accommodation. You will be allocated to one of your four preferences; it will not necessarily be your first option. Where there are more applicants than spaces available for a particular type of accommodation, then the allocation will be done by ballot.

Your space

If you have requested to share a room, Student Accommodation Services will match you with a roommate based on your accommodation preference, lifestyle, hobbies and interests. However, due to high demand this cannot be guaranteed. Offers for individual study bedroom accommodation are based on your residence preference depending on availability. Students of the same age and year of study are allocated rooms near to each other.

Your place

Once your offer of a University place becomes unconditional and you have confirmed your acceptance with Admissions, Student Accommodation Services can offer you a place in a residence. Allocation of places to first year undergraduates starts in July for students who have already accepted their unconditional offers. Allocations continue until late August to ensure applicants waiting for Higher or A-Level results have the opportunity to secure accommodation.

Accommodation deadline

In order for us to be able to offer you guaranteed accommodation, it is essential that you apply by 30 June and accept your University place with Admissions as soon as you receive your unconditional offer.

Further information

Student Accommodation Services
Butts Wynd, North Street
St Andrews, Fife KY16 8YL
+44 (0)1334 462510
accommodation@st-andrews.ac.uk
Twitter: @StudentAccommSv
Facebook: @StudAccStAndrews
Opening hours: Monday-Friday 9.30am-4.30pm

For further information on what our residences can offer you, including current accommodation prices and how to apply, please visit: www.st-andrews.ac.uk/accommodation

“Regs will become your home away from home. Being one of the smallest halls in St Andrews means that it is one of the friendliest halls, while the location in the centre of town couldn’t be better. The Committee organises a number of events which includes a Burns Night supper, bagpipe-led pier walks and the best night of the year at the annual ball in the Old Course Hotel, ensuring that every Regsian will always remember their time in hall.”

Jonny (High Legh, Cheshire, England)
St Regulus Hall
“St Andrews is a unique place that has given me the opportunity to build strong lifetime friendships as well as preparing me for my next adventure in life.”

Cameron (Cookstown, County Tyrone, Northern Ireland)
Student life

You are at university to get a degree, but student life is so much more than sitting in classes and writing essays. Your time at university is where you can explore your other interests, either by joining societies, taking part in sport, music, volunteering or drama and enjoy yourself.

In St Andrews you will find more than you would ever expect for a town of our size. The Students’ Association – or more commonly known as The Union – is home to over 150 different clubs and societies. Saints Sport has more than 60 different sports at various levels, and the year is packed full of events. Put simply, there is never a dull moment in St Andrews.

The Students’ Association

The Students’ Association is at the beating heart of student life. Run by students, for students, there are hundreds of opportunities to get involved in whatever interests you. Its three main areas are: clubs and societies, events and representation; all part of every student’s life, and offering far more than just the largest bar in town.

Alongside all of the societies and clubs in the Students’ Association there are also sub-committees or ‘super societies’ of which all students are automatically members. These cover areas such as charity, debating, LGBT, drama (page 37), music (page 36), radio, TV, volunteering, and events.

The Charities Campaign, aided by their mascot Rory McLion, run events through the year raising money for charities chosen by our students. In recent years they have raised in excess of £100,000, including events such as RAG (Raising and Giving) Week and Race2, their international hitchhiking race.

Our Debating Society is one of the oldest in the world and today they are regarded as one of the best in the country, winning a number of prestigious competitions in recent years. They have a debate every Wednesday on topical issues with speakers from across the country debating alongside students.

Saints LGBT+ is a social and welfare group, dedicated to providing and open and safe environment for people in the LGBT+ community and allies. They run a very active social calendar and also offer a supportive and educational group open to all students.

Media is a part of all our lives and in St Andrews it is no different. The recently redeveloped Students' Association has a large media suite shared by STAR, our radio station, and student TV and filming groups. There are also news groups such as the award-winning newspaper, The Saint, and The Stand.

The fantastic St Andrews Voluntary Service offers you the chance to give back to the community with a number of projects both within St Andrews and further afield in Fife that work with people of all ages.

Charities Campaign

Last year the Charities Campaign raised a phenomenal £100,000 for good causes.
Evening language classes

If you want to learn a new language, or develop existing language skills, but cannot fit it into your main timetable there is also the option to do extra-curricular evening language classes. These courses offer a range of languages from beginner to advanced levels. They are not part of any degree programme and have a fee attached, but are an excellent way of improving your language skills. Languages currently being taught and fee information can be found online at: www.st-andrews.ac.uk/study/non-degree/evening-languages

Military service opportunities

The Royal Naval Reserve, The Tayforth Universities Officers’ Training Corps and the East of Scotland Air Squadron have all offered St Andrews students opportunities to train and participate while studying here. For current information contact the units directly.

- RNR – T: 0845 607 5555
- Tayforth OTC – T: 01334 474262
- East of Scotland Air Squadron – T: 01334 839471 Ext. 7718

Traditions

As you might expect from a university over 600 years old, we have a large number of traditions. During your time here you might wear one of our red gowns, take part in a foam fight, dive into the sea at dawn on 1 May, or jump over the PH initials at the last second on the way to class to avoid its curse.

For many students the most important tradition is the support and introduction to the University you get from our Academic Family system. This is where older students ‘adopt’ first years as their ‘academic children’, offering an informal support and mentoring system. This all comes together in November on Raisin Weekend when parents organise parties for their children. On Raisin Monday they dress their children up in ridiculous costumes and parade them around town carrying random objects bearing a traditional inscription before sending them into an enormous shaving foam fight (see photograph on pages 30-31).

There are many traditions throughout the University relating to different societies, halls of residence and times of the year, they may seem odd at first, but combined they are highly memorable and form part of an experience you cannot get anywhere else.
Student life
(continued)

St Andrews – the town

With the size of St Andrews (it measures barely three miles end to end), the University and the town are one and the same. The two have been here for centuries, with buildings from both ‘town and gown’ right next to each other. Walk down any of the streets and you are likely to find a library or lecture theatre as you are the town hall or a coffee shop.

Our location is also truly special. Perched on the east Fife coast, we have beautiful, unspoilt beaches and clean, fresh air, that allow you to sit and watch the world go by, surf or go for a walk down the two miles of crisp sand. Those who walk down to the end of the stone pier will also get a view you will remember for the rest of your life.

St Andrews is a small town and while undoubtedly much safer when compared to cities, you will still need to exercise common sense with regard to your personal physical and social safety. The University currently (2016-2017) funds a night bus which helps get you home safely seven nights a week from 10 pm until 2 am.

The weather

Not only does our location gives us stunningly beautiful views and beaches, but it also means we enjoy a microclimate of mild sunny summer days, blustery rain and crisp frost and occasional snow in winter. As the wonderful British climate goes, we do very well.

Golf

St Andrews is also famous for golf, and to this day is home to the body that governs the game in most of the world – the R&A. If you are a keen golfer then there will be plenty of opportunities to play on seven courses in and around the town, and there are discounted green fees available to students living in St Andrews.
Location

Our location offers us great access to beaches and the countryside, this often makes people think we are more isolated. This could not be further from the truth. With great transport links – road, rail and air – our students can get to and from St Andrews easily, and they regularly visit other parts of the UK and Europe.

Dundee, our nearest city, is twenty minutes away, and currently going through a transformation as its waterfront is being regenerated. With the V&A Museum of Design (the first outside London) due to open in 2018, a thriving nightlife and lots of shopping, it is the perfect neighbour for St Andrews.

With its history, architecture and thriving cultural scene, Edinburgh is great for day trips and weekends away. Only an hour away by train, it is very easy to get to. Edinburgh also has our nearest international airport, rapidly growing with flights and connections all over the world; it is perfect for students who live further away or anyone looking to visit Europe. Our local train station, Leuchars, is on the main East coast rail line, on a weekday there are more than 30 trains a day from here to Kings Cross, allowing you to be in London in about six hours.

Living and other costs

Tuition fees cover the cost of tuition; all other costs associated with your studies, such as accommodation, travel and living expenses are your own responsibility. When calculating your budget, you should also allow for costs such as books and equipment, field trips, stationery, printing and binding of dissertations, photocopying and computer disposables (for personal computers), laboratory fees, travel, laundry, and the (optional) red undergraduate student gown. For help with working out a living cost budget, please see: http://studentcalculator.org

You are required to pay the General Council and Graduation Fee or Completion Fee. Payment of this fee confers upon you life membership of the General Council of the University, a body comprising all graduates of St Andrews and enjoying certain statutory rights and privileges. It also contributes to the cost of the production of the HEAR transcripts, degree certificates, credit transfers and the different confirmation letters we produce on behalf of our students. You pay this one-off fee at the point of matriculation (for indicative purposes, the fee in 2016-2017 is £50).
Music

Music plays a large part in student life for many in St Andrews. Whether your passion lies in contemporary music, choral singing or playing in an orchestra, we have a place where your talents can flourish. In recent years we have cemented our reputation for incredible singers with a cappella groups such as The Other Guys and The Alleycats (who have appeared at the Edinburgh Fringe, the world’s largest arts festival), the St Salvator’s Chapel Choir records CDs and tours to the United States and Europe, and Byre Opera performs across the country with professional directors and orchestras. Instrumental music is equally strong: we are the only university in Scotland to have a professional orchestra in residence, the Scottish Chamber Orchestra (SCO) who play in the Younger Hall, the University’s main auditorium, which also hosts many other concerts and events throughout the year.

Student activities

Music

"Whether you’re looking for a top calibre orchestra, a world-class choir or just a small group to enjoy music with, you’re sure to find the group you want. Whatever your musical experience or taste, the Music Centre staff, local town ensembles and student societies alike are incredibly inclusive and will be ready to help and support you throughout your time here. I’ve been incredibly lucky to have played alongside the friendly and diverse musicians here, and I know many of them will be friends for life as well."

Francis (London, England)

The Music Centre

The Music Centre is open to all musicians, whether you want to take lessons, play in groups, practise or just come and listen. In addition, the University offers undergraduate modules for those who wish to make music part of their degree (see page 132 - 133). If you are looking to hone your talents our Music Centre can arrange tuition in almost every instrument, and many students benefit from scholarships which pay the full cost of lessons. There is a small annual membership charge to use the Music Centre facilities.

Our leading choir, the St Salvator’s Chapel Choir, is part of a long tradition of choral singing in St Andrews and is a must for aspiring choral singers. Alongside performing during church services each week they also make numerous TV and radio appearances each year and have completed several international tours. Members of the Chapel Choir are required to audition, but those who are successful will benefit from subsidised tuition and free participation in the annual choir tour.

music@st-andrews.ac.uk
www.st-andrews.ac.uk/music

Students’ Association

There are many societies at the Students’ Association for those who are interested in contemporary music. Whether you want to join the Just So musical theatre group, or enjoy one of Jazz Works’ jam nights, there will be a group you can join.

There are also weekly live music and club nights organised throughout the year in St Andrews. Music is Love, one of the Students’ Association’s sub-committees, is on hand to arrange gigs and works with societies to foster the vibrant music scene in St Andrews. Events range from local artists performing in cafés, DJs from Edinburgh, Glasgow and further afield and international headline acts. Music is Love are committed to offering opportunities for student musicians in St Andrews with regular open mic nights where artists can showcase their own music or simply play covers for an audience. They also fund musical projects if any individual or society would like to run an independent gig or event.
Drama and the performing arts have long been part of student life in St Andrews. Whether you want to direct, write, produce, act, or be part of a production in another capacity, you can get involved from day one.

Mermaids, our performing arts fund, is there to encourage, support and finance productions throughout the year and also offers the opportunity to mix with lots of other creative people. As well as running weekly workshops to help you hone your skills, Mermaids also have their own black-box theatre and access to The Byre, the University’s theatre.

In addition to the annual arts festival On The Rocks, held in St Andrews, a number of groups also take shows to the Edinburgh Fringe – providing a fantastic opportunity to perform at this extraordinary international festival.

In St Andrews there are about 30 shows put on every year ranging from Shakespeare to contemporary works. Mermaids also highly encourages the production of student written work. Highlights of performances in recent years have included *Who’s Afraid of Virginia Woolf?*, *Hamlet*, *Blue Stockings*, the 24 Hour Play Festival and our annual Freshers’ Drama Festival.

Are you interested in . . .

• Writing?
• Directing?
• Producing?
• Stage managing?
• Acting?
• Lighting?
• Costume design?
• Props?
• Set building?

You can take part in . . .

• Over 30 shows
• Edinburgh Festival Fringe
• Workshops e.g. audition and lighting design
• Mermaids social events
• On the Rocks arts festival
• Societies
  – Blind Mirth improv comedy
  – Gilbert & Sullivan Society
  – Just So musical theatre
  – Comedy Society
  – Inklight (creative writing)

“Mermaids has been the best part of my experience here at St Andrews. During my time with Mermaids, I have directed, produced, taught, and acted in various shows, as well as being heavily involved in the Freshers’ Drama Festival in my first year. What I love the most about Mermaids is that you don’t need to have performing arts experience in order to participate. You just need to be enthusiastic and keen to get involved. Mermaids is entirely student-run, generating an immense amount of opportunities to create a production, get involved in a workshop, go to the Fringe, and so much more! There are no limitations of what you achieve with Mermaids. I have been involved since day one and have had the time of my life. Mermaids has given me the confidence and skills to pursue a career within the performing arts field.”

Annabel (Maryland, USA)
Mermaids President (2016-2017)
Sport

Sport plays a significant part in student life at St Andrews and enhances the unique experience of studying at Scotland’s first university. Under the banner of Saints Sport, the Department of Sport and Exercise and the Athletic Union provide a welcoming environment and opportunities that ensure that every student makes the most of their time at St Andrews; whether it is reaching the pinnacle of their sporting career, staying fit and healthy throughout their studies, having fun playing the sport they love or trying a sport for the very first time.

Excellence

The University continues to invest in making sport central to the student experience, providing the infrastructure and opportunities to meet the demands of an ever-growing student population and catering for participation rates (~65%), which are amongst the highest in Scotland.

Sports Centre redevelopment

In January 2015 the University embarked on a major £14m redevelopment of its sports facilities. The initial phase saw the construction of a new (eight-court) sports arena, ten new changing rooms and a new reception area and was completed in January 2016.

The original Sports Centre building has been refurbished and now houses a new and expanded 130-station gym, a dedicated strength and conditioning suite for our performance athletes and a technical climbing wall housed within a four-court sports hall.

The construction of a four-court indoor tennis centre adjacent to the Sports Centre, due to be completed in September 2017, will cement a major, seven-year investment and bring our indoor facilities in line with the rest of the estate.

Performance sport

The University currently recognises 12 sports as part of the Performance Programme, each benefiting from increased support and a dedicated sports-specific Director or Head Coach. This support includes sport science interventions such as strength and conditioning and performance analysis, increased funding and greater access to training facilities and long-term development and performance strategies. Our coaching team come to St Andrews with a wealth of experience gained at the top of their field and understand the balance between academic and athletic achievement.

Supported athletes programme

As well as helping teams to excel, the University also encourages individual sporting excellence by supporting talented athletes who are studying at St Andrews and competing at an international level. In addition, students competing for the University’s performance golf programme may apply for the prestigious Arnold Palmer Scholarship or an R&A Bursary.
Health and fitness
The Saints Fitness programme offers a full range of services to all our students including fitness consultations, personal training, and strength and conditioning support. Our varied Exercise Class programme runs all-year-round and is tailored to suit all levels and abilities. With over 40 classes per week including Yoga, Pilates, Zumba, Spin and Barre Fit, our instructors are here to help you get the most out of your workout, whilst helping you to improve your overall fitness.

Engagement
The Saints Volunteering Academy provides excellent opportunities for students to become involved in volunteering projects based locally here in St Andrews, across Scotland and further afield in Africa.

Local volunteering opportunities
The University engages heavily with the local community through student volunteer projects to provide opportunities for more people to be active, whilst helping to facilitate the development of sport. Student coaches from our sports clubs run regular taster sessions in local schools, coach at local after school clubs and take sport specific training sessions for local clubs.

Students are encouraged to gain coaching and referee qualifications during their time at St Andrews and this is facilitated through Scottish Student Sport (SSS) and various Scottish Governing Bodies of Sport.

International volunteering opportunities
Our international volunteering projects offer students a wonderful opportunity to add value to their university education, enhance their global awareness and develop their leadership, coaching and teaching skills. Each year sports volunteers from St Andrews travel to Zambia and South Africa working with local NGOs to help deliver PE sessions, sport specific coaching and classroom based sessions in various schools and compounds.

Volunteer Recognition Scheme
The Volunteer Recognition Scheme is designed to acknowledge the hard work and commitment of student volunteers throughout the University and logged hours will now appear on your official academic transcript.

For more information on any part of the Saints Sport experience please visit:
www.st-andrews.ac.uk/sport
Facebook/Twitter: @SaintsSport
Advice when you need it

Student Services

Coming to university is an exciting time, but also a very challenging one. During the years ahead there may be times when you need some help and advice. The University offers an extensive range of support to ensure that, on both an academic and personal level, your experience as an undergraduate is successful and fulfilling.

Student Services provides support in the following ways:

- The Advice and Support Centre (ASC) – information centre
- Disabilities team
- Personal advice and counselling
- International and immigration advising
- Finance advising
- Academic advising
- Warden residential support

The student experience

At St Andrews we are very proud of delivering one of the best student experiences in the UK (National Student Survey 2016). Student Services are responsible for ensuring your experience as a student is as good as we can possibly make it and regularly gather feedback from across the student body to enhance your time in St Andrews.

The Advice & Support Centre

The main front door for any query you may have is The ASC (The Advice and Support Centre) at 79 North Street. The team of advisers and administrators can help you with any query or concern you may have, for example:

- advice on university administrative processes
- assisting with banking or financial processes
- offering support, specialist advice and/or counselling
- helping with academic problems
- providing advice on personal problems

CAPOD: academic and professional skills support

The Centre for Academic, Professional and Organisational Development (CAPOD) can support you during your time in St Andrews in a number of ways.

Academic skills support

CAPOD can provide you with advice and guidance on how to develop academic skills. These include, but are not limited to, note-taking, essay writing, time management and reading comprehension. We also offer support with the mathematics and statistics within your course. All students can book a confidential appointment with a postgraduate academic skills tutor at any time for one-to-one help. CAPOD also oversees some academic skills workshops delivered locally by postgraduate tutors within some Schools.

Professional skills support

CAPOD provides a comprehensive programme of professional development for students in the form of the Professional Skills Curriculum (PSC). All students can take part in the PSC and over 30 skills topics are available, including leadership, time management, public speaking, assertiveness, planning, and many more. The PSC is endorsed by the Institute of Leadership and Management.

IT skills support

CAPOD offers access for all students to a range of high quality online IT training resources and the opportunity to sit Microsoft Office Specialist Exams.

More information on all of CAPOD’s support for students can be found online at: www.st-andrews.ac.uk/capod/students

Health

The University works closely with local National Health Service (NHS) providers, and all students will be helped to register with a local medical practice. Information about local health services and more can be found online at: www.st-andrews.ac.uk/students/advice/health

All international students coming here for longer than six months will have paid the Healthcare Surcharge on submitting their visa application and this will cover you for national health services. However the service is for chronic management and critical healthcare primarily and you may find that the NHS services do not cover you for choosing particular styles of personal healthcare which you might want to opt for. In addition, students on the Study Abroad programme for less than six months will be charged for all healthcare services. Some international students have found that taking out private health insurance in addition to the Healthcare Surcharge is a good idea and all students have the option of paying for private services if they so wish. A list of providers can be obtained from Student Services or the ASC.

Students with disabilities or learning difficulties

The University is committed to helping people realise their academic potential and, in accordance with our statements and policy documents on a range of equal opportunities issues, this commitment extends to students with disabilities, long term medical conditions or learning difficulties. If you have a disability it will not stand in the way of your being offered the chance to study here at St Andrews and recent years have seen an expansion of our services.
The University has students with a wide range of disabilities and learning difficulties and we welcome the opportunity to work with these students to meet their individual requirements. Every student who enters this University makes a contribution to our community, based on their particular experiences. Students with disabilities are no exception to this.

Within the University’s Student Services team, there are two Disability Advisers and a Specific Learning Difficulties Adviser. They can be contacted at any stage of the application process for information, advice or support. Applicants are encouraged to make known their needs on the application form and/or at interview, so that the University can best respond in terms of appropriate support and advice.

A visit to the University is strongly recommended. Personal visits and telephone enquiries are welcomed.
+44 (0)1334 462720
disability@st-andrews.ac.uk

**Counselling**

The University provides a free, professional and confidential counselling service for all students. Counselling gives you the opportunity to talk in confidence to someone who has no other role in your life (someone who is not a tutor, friend or relation). It is the chance to talk to someone who will not judge you, criticise you or be shocked by whatever you have to say. Counsellors will work flexibly with you to help you develop a clearer understanding of your situation, help you recognise your feelings, and discuss and agree strategies to help with the difficulties you are experiencing.

Some examples of areas in which counselling can be helpful:
- Depression.
- Anxiety, panic and other pressure and related feelings.
- Managing relationships (e.g. with friends, academic staff, parents, partners).
- Personal development and self-esteem.
- Family difficulties.
- University pressures (homesickness, loneliness, stress of your studies).
- Abuse and harassment.
- Bereavement.

Information about all our counselling services and other forms of support can be found online at:
www.st-andrews.ac.uk/students/advice/counselling

**Chaplaincy/Faiths**

Donald MacEwan is Chaplain to the University (staff and students) and his office is in the building called Mansefield in St Mary’s Place on weekdays.

Mansefield is used by many groups, including faith societies, for meetings, events, meals, prayer and meditation. The Chaplain offers support and encouragement, as well as an opportunity to talk through personal, relational and academic problems on a confidential basis. Some students explore personal growth and spiritual development, while others discuss issues with no reference to faith. You are welcome, regardless of faith or philosophy.

The Chaplaincy works closely with Student Services and plays a full part in assisting students, particularly through illness. The Chaplaincy also oversees an International Students Befriending Scheme, connecting local families with students whose first language is not English.

Information on various faiths such as Christian, Muslim, Jewish, Baha’i, Eastern Religions, Pagan and others, on worship in University Chapels, and on the team of Honorary Chaplains, can be found online.

**Childcare**

Childcare costs are borne by the student, but financial help can sometimes be offered – see Financial difficulties (page 45). If you require information about childcare provision in the St Andrews area, see:
www.st-andrews.ac.uk/students/advice/family/childcare

**Get in touch with the Chaplaincy**

Mansefield, St Mary’s Place
+ 44 (0)1334 462866
chaplaincy@st-andrews.ac.uk
www.st-andrews.ac.uk/chaplaincy
Facebook: @mansefield

**Get in touch with Student Services**

The ASC – The Advice and Support Centre, 79 North Street
+44 (0)1334 462020
thesasc@st-andrews.ac.uk
www.st-andrews.ac.uk/studentservices

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In addition to the Main Library there are libraries elsewhere in the University:

- **The JF Allen Library** (North Haugh), holds books and journals for most science subjects.
- **St Mary’s College Library** for Divinity and Mediaeval History, including the historic King James Library, the oldest university library in Scotland, is located in St Mary’s Quad.

You are also entitled to borrow from the nearby libraries of the universities of Dundee and Abertay.

Refurbished in 2011, the Main Library provides more than 1,000 study spaces. It is a welcoming and flexible space where staff are always happy to help.

www.st-andrews.ac.uk/library
Twitter: @StAndrewsUniLib
Facebook: @StAndrewsUniversityLibrary
IT Services

We realise that IT is an important part of your University experience and we offer a wide range of services to ensure you ‘stay connected’ and have access to support should you need it.

We have and continue to make significant investment in our infrastructure to provide the best possible experience. This includes extensive Wi-Fi provision, Office 365, a wide range of software applications, a PC Clinic and a seven days a week support service to ensure any issues are dealt with efficiently and effectively.

Follow IT Services on Twitter for the latest news and advice: @StAITServices

Key IT Services at the University of St Andrews

- Wireless access available in more than 95% of University buildings, including in all University halls of residence;
- Computer classrooms distributed throughout the University, with many open 24 hours a day, seven days a week.
- On-demand streaming of software applications via our Applications Anywhere portal.
- A wide variety of IT help can be found online, but if you have any IT problems, you can visit the IT Service Desk in the Main Library. You can also log and track your IT calls using IT Self Service.
- Your University email will be provided through Microsoft Office 365 – and provides additional features including data storage, a calendar and Office apps. All University students can install the Microsoft Office Suite on up to five of their personal devices too.
- We provide a secure printing, scanning and copying facility called UniPrint. We have over 60 UniPrint devices located across the University. You can send print jobs from your own laptop so there is no need to bring your own printer.
- We are proud to offer a PC Clinic service, which provides technical support and repairs for personal computing equipment for students and staff. The PC Clinic team are experts in both Mac and Windows – and are always kept busy with broken screen replacements! There is a charge for the PC Clinic service.
Fees and funding

As a student at the University of St Andrews you will be expected to pay fees every year that you attend. The amount you will have to pay depends upon the degree you are studying for and your fee status.

For current information please see:
www.st-andrews.ac.uk/study/ug/fees-and-funding
www.st-andrews.ac.uk/study/ug/fees-and-funding/tuition-fees

The University will clarify compulsory fees and charges it requires any student to pay at the time of offer. The offer will also clarify conditions for any variation of fees. The University’s approach to fee setting is described online at:
www.st-andrews.ac.uk/media/teaching-and-learning/policies/fee-setting-protocol.pdf

Students living in the Channel Islands and the Isle of Man

Tuition fees for 2018 entry will be set and published by September 2017. Tuition fees for 2017 entry are £9,250 per annum. The island authorities of Guernsey, Jersey, and the Isle of Man all offer a range of Tuition Fees Grants and Maintenance Grants, subject to assessment. Details on financial support and how and when to apply are available from the relevant island authority:

Guernsey: www.education.gg/educationhome
Jersey: www.gov.je/Education
Isle of Man: www.gov.im/categories/education-training-and-careers/student-grants

Students living in the European Union (EU)

Further details on tuition fee arrangements for EU students will be published on our tuition fee pages as information becomes available. www.st-andrews.ac.uk/study/ug/fees-and-funding/eu

International students

Students who are classed as ‘overseas’ for tuition fee purposes are liable to pay the overseas fee rate appropriate to their chosen programme of study. International students usually have to be self-funded, however there may be funding available from their government, independent sponsors, or from other award paying bodies. Tuition fees for Arts, Science and Divinity students are fixed at the point of entry for the duration of the programme.

• For students from the USA:
  www.st-andrews.ac.uk/students/money/internationalstudents/loansforusstudents
  www.fafsa.ed.gov
• For all other international students:
  www.educationuk.org/global

Applicants should note that it is a condition of their university registration that they accept liability for their tuition fees and that it is the applicant’s responsibility to apply to an appropriate funding body for support with fees. Confirmation of funding will be required prior to matriculation at the start of each year of study.
Scholarships and support

Our Scholarships and Bursaries programmes are designed to help our students reach their full academic potential, without having to worry about how they will pay for tuition and other expenses. Our commitment is to assist our students and reward academic excellence.

What support is available?

For UK and EU students, the University of St Andrews offers a variety of maintenance scholarships. In 2016-2017 the value of individual scholarships range from £500 to £7,500. Some scholarships cover the entrant year only and others are awarded per annum for the duration of a student’s course.

The University of St Andrews Entrant Bursaries (Scotland) supplements funding available from household contribution and government sources in order to alleviate the financial burden. The Bursary is awarded on the basis of financial need and is automatically allocated to students who meet the criteria. Further details are available from: www.st-andrews.ac.uk/study/ug/fees-and-funding/scholarships/entrant-bursaries

For international students, the University of St Andrews offers a portfolio of merit-based tuition fee scholarships and means-tested tuition fee scholarships. In 2016-2017 the value of individual tuition fee scholarships range from £1,000 to £10,000. The number and value of scholarships may vary from year to year. Merit scholarships will be awarded specifically for academic achievement, and supported by noted all-round leadership ability and a well written Personal Statement.

"The support I receive from the Dr Ian Low scholarship has reduced the financial burden of student living. I am very grateful for the support I receive as it has allowed me to dedicate my focus on my studies, which may not have been possible otherwise. I am sure that this will continue into my later, more intensive years at university."

Louis (Dundee, Scotland)

Students can also apply for financial support for their University accommodation fees. In 2016-2017 the Accommodation Award is £3,000 per annum for the first two years of study. The award is means-tested, based on financial need.

Further information on all our scholarships and other forms of financial support offered by the University and external bodies can be found online.

www.st-andrews.ac.uk/study/ug/fees-and-funding/scholarships

+44 (0)1334 462365
ugsscholarships@st-andrews.ac.uk

Other financial assistance

Travel scholarships
Financial assistance is available if you wish to undertake travel projects during the summer vacation. Further information can be found online at:

www.st-andrews.ac.uk/students/money/bursariesandscholarships/travelscholarships

Vacation grants
Some academic Schools offer vacation grants for the following purposes:

• Courses of study at home or abroad during vacations.
• Courses of study, away from the University, during term.
• Practical placements during term at home or abroad.

Further information is available on individual School webpages:
www.st-andrews.ac.uk/schools

Financial difficulties

Governmental Discretionary Funds are provided to support UK students. Students funded by the Students Awards Agency for Scotland who have registered childcare may be eligible to apply to the Childcare Fund via Student Services.

All students encountering unforeseen financial difficulties may be eligible to apply to the University for limited assistance.

Please contact:
The ASC (Advice & Support Centre)
theasc@st-andrews.ac.uk
www.st-andrews.ac.uk/students/money
Getting involved in extra-curricular activities

Involvement in extra-curricular activities helps candidates stand out with many employers as it develops transferable skills such as leadership, team-working, problem solving and presentation skills.

- At St Andrews there are over 150 societies covering everything from cultural and academic groups to causes and interest clubs; a full list of societies can be found online at: www.yourunion.net/activities/societies
- If you win awards for any of your extra-curricular achievements these will be listed on your Higher Education Achievement Record (HEAR) transcript when you graduate, providing you obtain formal recognition. Just over half of the students who graduated in 2015-2016 had at least one achievement on their HEAR.

External opportunities

Most students undertake a variety of work experience placements or internships during their time at St Andrews. In recent years students have interned at a huge range of organisations including Accenture, Deloitte, JP Morgan, National Galleries of Scotland, the Naval Historical Center in Washington, the Whale Conservation Network and many more.

The Careers Centre encourages you to create a supportive community and network amongst peers. You can learn more about what students have been doing in recent years in our Be Inspired case studies.

International opportunities

The Careers Centre provides a dedicated service and knowledgeable staff for international students with country specific information on jobs, internships and networks of contacts. In addition to this, our supportive and well-connected network of alumni, students and parents offers a range of opportunities globally through events and networks such as Saint Connect and LinkedIn.

Careers and employability

What does the Careers Centre offer?

The Careers Centre provides a wide range of resources to help you make well-informed and timely decisions about your future. These include:

- One-to-one careers advice on working out career paths, getting internships, writing effective CVs and job applications, preparing for interview and applying for postgraduate study.
- Workshops led by Careers Advisers and employers on topics such as: getting started on your career planning, making successful applications, tackling interviews and assessment centres, presentation skills.
- The Careers Centre JobsOnline and other databases offering hundreds of graduate jobs and internships across the UK, plus an increasing number of international opportunities.
- Annual careers fairs including the Law Fair, Careers Fair and Science & Technology Fair.
- Employer presentations providing an opportunity to meet top graduate employers.
- Resources to help you connect with St Andrews alumni and other partners through our networks on LinkedIn and Saint Connect (our own purpose-built network).
- An extensive range of books, career magazines and journals.
- A ‘Job Shop’ advertising part-time jobs in the St Andrews area.

Making the most of your time at university

There are plenty of activities to get involved with at St Andrews which can enhance your employability. You might consider:

- The St Andrews Summer Internship Scheme: this scheme provides fully-funded opportunities to gain experience in the non-academic University units. In recent years these have included opportunities in Development, Admissions, the Principal’s Office, the Careers Centre, CAPOD, Finance and Human Resources. Of those who graduated in 2016, 55% (High Fliers) undertook internships, many of which were organised through the Careers Centre.
- The Work Shadowing Programme offers one day to one week visits with alumni, giving an insight into the jobs they do and the organisations they work for. The Careers Centre organises approximately 200 work shadowing opportunities, in global locations during the winter break and over the summer.
- Becoming an Ambassador: the Ambassadors work on a range of voluntary and paid projects with Admissions, including Visiting Days and schools initiatives.
- Volunteering: the Student Voluntary Service offers opportunities across a wide range of different sectors.
- Study / work abroad: many degree programmes offer the opportunity to study or work abroad, more information can be found on page 22 or online at: www.st-andrews.ac.uk/studyabroad
What employers say about St Andrews graduates

Graduates from the University of St Andrews have a good reputation with employers who say that they are impressed with the passion students have for their subject and the range of extra-curricular activities they undertake:

“At PwC we value the skills and personal and professional development that University of St Andrews students are equipped with throughout their time at the University. That’s why we take part in many on-campus activities, and offer a wide range of opportunities. As a major recruiter of graduates, we recognise the important role played by the Careers Centre. It’s not just the type of degree that we look for, it’s the breadth of relevant attributes that develop the high-calibre, motivated individuals who are ready to apply to join us in professional services.”

Claire Burhouse
Student Recruitment Officer, PwC

“Museums contain many interesting objects and artefacts and to look after them, promote them and conserve them they need good people. We look for enthusiasm, energy, an open and a curious mind. The Careers Centre offers valuable advice to ensure your application stands out.”

Mark Macleod
Head of Infirmary Museum, University of Worcester
Careers and employability (continued)

What our graduates do

St Andrews graduates have a very good progression record into employment, further study and training.

- They follow diverse career paths and can be found in a wide range of organisations, regardless of their degree discipline.
- In recent years graduates went to work for organisations including: Thomson Reuters, Blackrock, Community Energy Scotland, Deloitte, Teach First, Rolls-Royce, United Biscuits, Procter and Gamble, KPMG, The Department for International Development and Cancer Research UK, to name but a few.
- Many alumni come back as part of their employer recruitment teams, targeting St Andrews students and some choose to share their career stories on the Careers Centre webpages as case studies to support and encourage undergraduates.

Graduate quotes about the Careers Centre

“University is about so much more than just the course you will be studying. By getting involved in various extra-curricular activities, I not only made many friends from around the world, but also gained the skills and confidence that transition to life after university. My piece of advice is: try new things, follow your passions, and aim to make a difference – people around you, as well as prospective employers, will notice and appreciate that!”

Ondrej MA (Hons) International Relations (2016)
Future Trainee Solicitor, Mayer Brown International LLP

“My time at St Andrews gave me a wide range of experiences that allowed me to gain a place on the graduate scheme I wanted. My advice is to use the services on offer – through the Careers Centre website I was able to search and apply for a part-time job as a Brand Manager for Teach First, which also meant I was fast tracked through the assessment process for the graduate scheme. Experience is also key, whether it be in a place of work or around the University. It is only now that I realise the value of the communication and teaching module which gave me the opportunity to gain first-hand experience of education in local schools. Overall, make the most of your time at university, both academically and socially, that is truly the best way you can discover the right path for you!”

Hannah MA (Hons) Theological Studies (2015)
Humanities Teacher, Teach First, Coventry

“Striking a fine balance between building a strong academic record and involvement in extra-curricular activities is one of the most important issues to consider at university. The former assures your employer that you will complete the tasks to a high standard within required deadlines. The latter demonstrates your interest and abilities. During my time in St Andrews I managed two Model United Nations conferences, organised a group of volunteers to teach English to primary school kids in Poland and undertook internships in three different countries, gaining leadership, teamwork and organisational skills. Thanks to the support from the School of Economics & Finance, the Careers Centre and my friends, I had a lot of things to talk about at my interviews. So study hard, but also get out there and soak up all of the amazing opportunities that St Andrews has to offer!”

Dawid MA (Hons) Economics (2015)
Executive, Moore Stephens LLP, London
Beyond graduation – the continuing St Andrews connection

When you graduate, far from marking the end of your connection with the University, it will be the beginning of a new relationship with the University as you make the transition from being a member of the St Andrews student community to becoming a lifelong member of the worldwide alumni community of St Andrews.

Wherever you go in the world, the University’s Alumni Relations Office will be delighted to help you to keep in touch with your friends and to stay up to date with news and developments at the University.  
www.st-andrews.ac.uk/alumni

As a St Andrews graduate you will:

• receive a regular e-newsletter, St Andrews in the News, to keep you up to date with what is going on in the University and with alumni events taking place around the world.
• be sent a printed copy of Chronicle, our annual alumni magazine, where you can share your news and photographs with friends and read about many different aspects of the University through news items and features.
• be able to keep in touch with friends from St Andrews through social media.
• have access to a range of alumni benefits and services, including SPARC, the online community for St Andrews alumni. https://sparc.st-andrews.ac.uk/welcome
• be able to reconnect with others who have shared the St Andrews experience by joining one of a number of alumni clubs in the UK and overseas. www.st-andrews.ac.uk/alumni/relations/alumniclubs
• become a graduate member of the University’s global career alumni network, Saint Connect, which provides opportunities for careers advice, networking and discussion with other graduates. A number of events also take place around the world. www.st-andrews.ac.uk/saintconnect
• have an opportunity to return to St Andrews with invitations to events, for example the annual Alumni Festival Weekend, which has events and activities hosted by student societies and sports clubs.
• be able to support the University through volunteering, serving on University committees or financially.

With the help of the University’s Alumni Relations programmes and services, you need never lose touch with the University or the friends you made here.
How and when to apply

Each year we get thousands of applications from highly qualified students from around the world, far more than we can accept. In addition to the required academic achievement, we look for students who can challenge ideas, take innovative approaches and who have the potential to get the most from their time with us.

Apply

The majority of our undergraduates apply online through UCAS (Universities and Colleges Admissions Service), however we also accept applications through the Common Application and Direct Application for international students (see next page for details).

UCAS

UCAS is the most common way to apply, where you can choose up to five degree programmes at institutions across the United Kingdom. You should be aware that there are various deadlines for applications and a fee is payable to UCAS when you submit your completed application.

UCAS application deadlines

- 15 October – Medicine (UK/EU applicants)
- 15 January – All other UK/EU applicants
- 31 January – Medicine (international applicants)
- 30 June – All other international applicants

All applications received before these deadlines will receive equal consideration.

www.ucas.com
0371 4680 468 (UK)
+44 330 3330 230 (outside the UK)

Checklist of the UCAS application process

✓ Check the degrees available on our website or visit: www.ucas.com
✓ Check the minimum grades and any subject pre-requisites for the degree.
✓ Check the Faculty entrance requirements, see page 53.
✓ If there is a choice between the Faculties of Arts (MA) and Science (BSc) decide which Faculty is for you.
✓ Draft your UCAS Personal Statement carefully so that it reflects your choice of degree(s).
✓ Submit your UCAS application by the appropriate deadline.

Non-UCAS applicants

Other deadlines will apply for those not applying through UCAS.

What do we look for in an application?

Academic decision-making and criteria setting are at the heart of the selection and decision-making processes. All applications are assessed by Admissions Officers within Admissions, guided by designated staff in each academic School.

Where places are limited, we offer them to those eligible applicants who best meet our selection criteria, and who are judged by our academic Admissions Officers to have the most potential to benefit from their chosen course and to contribute to the academic School and the University. Selection for an offer of a place will include consideration of the following information as part of your application.

• Academic qualifications, both already gained and/or predicted.
• The context in which qualifications have been, or will be, achieved.
• Personal Statement: this is a very important part of your application. You are encouraged to spend time drafting and rewriting your statement so that it is structured and well written.
• Academic reference.
• Where appropriate, performance at interview.
• Where appropriate, relevant work or other experience.
• Where appropriate, English language proficiency.

Will I be interviewed?

The majority of applicants will not be required to attend an interview as part of the application process. There are some exceptions to this including (but not limited to) applications for:

• Medicine
• Gateway to Medicine
• Physics and Astronomy (Gateway / International Gateway)
• Computer Science (Gateway)
• Part-time study
• General degree
• International Foundation Programmes

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International students

All applicants, regardless of domicile, may only use one method of application. For applicants in our overseas fees category (this is most international students) there are three options available: UCAS, the Common Application or by Direct Application. After receiving a completed application, decisions are communicated on a rolling basis.

- **UCAS**: Please read the section opposite for further information. [www.ucas.com](http://www.ucas.com)
- **Direct Application**: International applicants who are not applying to any other UK university and who are liable to pay tuition fees at the overseas rate may apply to us directly. Direct Application forms and guidance notes are available online at: [www.st-andrews.ac.uk/study/ug/apply/direct](http://www.st-andrews.ac.uk/study/ug/apply/direct)
- **Common Application**: All international applicants, including those from the USA, may also apply using the Common Application. The deadline for submission, including the supplement, is **1 May**.

Further details on all of these application methods can be found online at: [www.st-andrews.ac.uk/study/ug/apply](http://www.st-andrews.ac.uk/study/ug/apply)

Direct entry into second year

It is possible to apply for admission directly into the second year of some science degree programmes. A BSc Honours degree may thus be obtained in three years and an Integrated Masters – MBiochem, MBIol, MChem, MGeol, MMarBiol, MMath, MPPhys, or MSci – in four years rather than five.

If you are studying for an HNC or HND, you may also wish to contact the Admissions team to enquire whether you meet entrance requirements for direct entry to second year.

You should bear in mind that direct entry into second year may reduce the degree flexibility which is normally found within the Scottish four-year Honours degree. Students entering directly into second year will also be taking Honours entry exams in the first exam diet after they arrive. We strongly advise applicants considering direct entry into second year to contact the academic School to discuss this option.

Deferred applications

Applications for deferred entry will be considered on an individual basis. However you should be aware that academic Schools may vary the number of deferred offers made for their programmes each cycle. You should check the most recent information regarding deferrals before making an application. Contact Admissions for advice.

Transferring from another university

If you wish to transfer from another higher education institution, your application will be considered on an individual basis, however you should be aware that offers to transfer are only made in a very small number of cases. For UK/EU students applications to transfer must be made through UCAS and are subject to the UCAS deadline of 15 January. For international applications the deadline is 30 June. You should highlight your intention to transfer clearly, and address your reasons for wishing to move from your current institution in your Personal Statement.

Application decisions

The decision made could be:

1. **An Unconditional Offer**
   This means that the academic conditions required for entry have already been satisfied and an offer of a place has been made.

2. **A Conditional Offer**
   This means that the academic conditions required for entry have not yet been satisfied and the offer is subject to these being obtained.

3. **We are unable to offer you a place**
   Regrettably, we receive many more applications from well-qualified applicants than we have places to offer and will not be offering you a place at St Andrews.

Any questions?

If you have applied to St Andrews and have any questions, please contact us:

myapplication@st-andrews.ac.uk
+44 (0)1334 462151

If you have not yet applied and have any questions, please contact us:

admissions@st-andrews.ac.uk
+44 (0)1334 462150

Our full Admissions policy is available at: [www.st-andrews.ac.uk/study/policy](http://www.st-andrews.ac.uk/study/policy)
Your qualifications

**UK qualifications**

**Curriculum for Excellence**
The University guidelines on entrance requirements in response to the Curriculum for Excellence can be found at: www.st-andrews.ac.uk/study/policy/curriculum-for-excellence

National 4 qualifications will not be accepted for selection and admission purposes.

National 5 qualifications will be used to fulfil Faculty entrance requirements. See information on the page opposite.

**SQA Highers**
For the majority of Scottish domiciled applicants Highers are the main basis of admission into first year. Most first year applicants will receive offers based on their Highers achieved in a single sitting. Depending on the context, some offers may be made based on grades achieved over two sittings.

All subjects at Higher are acceptable for entrance to the University of St Andrews. The relevance of subjects to the degree programmes may be taken into account when considering applications.

**SQA Advanced Highers**
Advanced Highers are not normally required for first year university entry. They are required for direct entry into second year for subjects where that is an option (see page 51). (For Medicine S6 requirements, see page 126.)

**Scottish Baccalaureate**
Individual components of the Scottish Baccalaureate will be considered in conjunction with other Highers and Advanced Highers.

**GCE A-Levels and AS-Level**
Admission is normally based on the achievement of three full GCE A-Levels in one sitting.

Although the following subjects are beneficial to the learning experience, they will not be included as part of any offer that is made:

- Citizenship Studies
- Critical Thinking
- General Studies
- Global Perspectives and Research (GPR)

Advanced Subsidiary Level (AS-Level) qualifications submitted will be considered as part of the whole application. Students not presenting AS-Level qualifications will not be disadvantaged, as all applications are assessed according to the Undergraduate Admissions Policy to ensure consistency, fairness and contextual consideration. Admissions decisions will also take GCSE results into account.

**GCSE**
GCSE grades in Mathematics and English will be considered for Faculty entrance requirements. See page opposite.

**Cambridge Pre-U**
Admission will be based upon three Pre-U Principal Subjects, or a suitable combination of three Pre-U Principal Subjects and A-Level subjects.

**International Baccalaureate**
The successful award of the International Baccalaureate (IB) Diploma is the basis for admission.

**Welsh Baccalaureate**
The Welsh Baccalaureate Advanced Diploma is acceptable in combination with two A-Levels.

**European qualifications**
The University of St Andrews welcomes applicants with national qualifications from Europe. We require applicants to meet the Faculty entrance requirements along with course-specific requirements.

**International qualifications**
The University of St Andrews welcomes students from around the world, and currently has undergraduates from more than 120 different countries and territories.

All applicants must fulfil the Faculty entrance requirements. Equivalent international school-leaving certificates, matriculation certificates, technical college diplomas, university degrees, and other qualifications can be accepted in complete or partial satisfaction of the Faculty entrance requirements.

**Other qualifications**
You should have a high school transcript and provide this with a copy of your school profile.

In addition we require at least one form of standardised test:

- **SAT (new):** A competitive score is required, including the essay
- **SAT Subject Tests:** 600+ (with 700+ on all pre-requisite subjects)
- **ACT:** 28+
- **APs:** grades of 4 or 5 (5 on any pre-requisite subject)

Some international high school qualifications do not satisfy our entrance requirements. You may be required to complete an International Foundation Programme. Further details of this can be found on page 25.
English language requirements

If you use English as a second or additional language you will need to provide evidence that your English is proficient enough for you to be able to study effectively and benefit from our programmes. If you have not completed a significant part of your education in a majority English-speaking country, we require an English language test certificate – usually not more than two years old. We accept a number of English language qualifications including IELTS (Academic), CAE, CPE and the Pearson Test of English (Academic).

Faculty entrance requirements

Faculty of Arts and Faculty of Divinity
Specific subject entrance requirements listed on the subject pages are in addition to the following minimum Faculty requirements. Applicants must satisfy one of the following:

1) SQA National 5 (B or above) or equivalent in English AND one SQA National 5 (B or above) from the following: Biology, Chemistry, Computing Science or equivalent, Geography, Mathematics, Physics, Psychology, or Lifeskills Mathematics (A grade).

2) GCSE (B or above) in English, English Language or English Literature AND one GCSE (B or above) from the following: Biology, Chemistry, Computing Science or equivalent, Geography, Geology, Mathematics, Physics, Psychology.

3) Qualifications or passes in other examinations that the Dean of the Faculty may decide to accept as equivalent.

Faculty of Medicine
Please see page 126.

Faculty of Science
Specific subject entrance requirements listed on the subject pages are in addition to the following minimum Faculty requirements. Applicants must satisfy one of the following:

1) SQA National 5 (B or above) or equivalent in English AND two SQA Highers from the following: Biology, Chemistry, Computing Science or equivalent, Geography, Mathematics, Physics, Psychology.

2) GCSE (B or above) in English, English Language or English Literature AND one GCE A-Level from the following: Biology, Chemistry, Computing Science or equivalent, Geography, Geology, Mathematics, Physics, Psychology.

3) Qualifications or passes in other examinations that the Dean of the Faculty may decide to accept as equivalent.

Contact us

For information on our minimum entrance requirements across a range of international qualifications, please see: www.st-andrews.ac.uk/study/entrance-requirements

For the latest list of English language qualifications we can accept, please refer to: www.st-andrews.ac.uk/elt/entry

For further information on qualifications please contact us at: admissions@st-andrews.ac.uk

International Foundation Programmes students: cifp@st-andrews.ac.uk

Your qualifications

Return to Contents
“Full of charm, history and traditions, St Andrews is an incredibly special town, not just as a place of study, but also as a place to call home.”

Stephanie (Sale, Cheshire, England)
Ancient History

See also Classical Studies page 70, Classics page 72, Greek page 102, History page 104, Latin page 118

Degree options in the Faculty of Arts

MA (Single Honours degrees)
Ancient History
Ancient History & Archaeology

History H+ (see page 104) – you may choose to study Ancient History modules as an organic part of a History degree.

BA (International Honours degree)
Classical Studies – Ancient History and Archaeology pathway
(For likely grades and other information, see page 20)

MA (Joint Honours degrees)
Ancient History and one of:
Art History
Biblical Studies
Comparative Literature
Economics
Film Studies
French N, F+S
German W
Greek
International Relations

Ancient History & Archaeology and Social Anthropology

Ancient History and two Modern Languages
Combinations are available in Arabic, French N, F+S, German W, Italian W, Persian or Spanish W, see page 130.

F+S Requires French – A at Higher or A at A-Level or HL6 at IB.
H+ Requires History – Higher or A-Level or HL6 at IB.
M+ Requires Mathematics – A at Higher or A* at A-Level or HL6 at IB.
W Available With Integrated Year Abroad – see Modern Languages.

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SOA Highers: ABB (see specific subject footnotes above)
GCE A-Levels: AAA (see specific subject footnotes above)
International Baccalaureate Points: 36 including 3 at HL6 (see specific subject footnotes above)

Competitive applications will have previous experience of studying a modern or ancient foreign language at National 5 / GCSE level, or equivalent.

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see: www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – No but see note about competitive applications.

Why study Ancient History here?

* Broad choice of periods and topics on offer, from the archaeology of Greece to the politics of the later Roman Empire. Our modules cover social, economic, political, religious, cultural, intellectual, scientific and literary history.

* Teaching by specialists in both historical and archaeological evidence, with research interests spanning the whole of the Mediterranean world, from ancient Persia to Roman Britain.

* Friendly but academically challenging departmental ethos, enhanced by impressive student:staff ratios.

* Active undergraduate Archaeological Society.

* The School of Classics was rated first in Scotland and second in the UK in the Research Excellence Framework 2014. It came first in the 2016 National Student Survey with a satisfaction rating of 100%.

* Fieldwork – students are encouraged to apply for a placement on one of our own staff’s fieldwork programmes or on an archaeological project or at one of the British School Summer Schools.

* Travel bursaries are available for approved programmes.

Facilities and resources

Classics is housed in Swallowgate, an attractive building overlooking the sea and situated close to the University Library and the main quadrangle. There are computing facilities in the building, seminar rooms and staff offices. The School has its own Library, supplementing the University Library’s major holdings of books and periodicals.

What will I study?

Ancient History in St Andrews comprises the study of ancient Greece and Rome, and of neighbouring peoples such as the Persians. You will study the period from the beginning of Greek writing and urbanism in the eighth century BCE to the collapse of the western Roman Empire during the fifth century CE. Geographically the subject is centred on the Mediterranean World, but at times is extended from the Persian Gulf to the Clyde and from the Crimea to the Sahara. Current modules include The Archaeology of Roman Italy, Persia and the Greeks, Hunger and Violence in the Roman World and Alexander the Great. The subject is vast and growing every day, especially through new archaeological research and through interdisciplinary collaborations.

Ancient History is taught by a team of internationally-acclaimed scholars. Together we offer modules on archaeological and literary as well as historical topics. Friendly contact is established from the start through small tutorial groups that enable you to get to know the staff and other students very quickly. All our Ancient History staff share the lecturing in first year.
“Studying Ancient History at St Andrews has allowed me to explore a wide variety of fascinating courses within an incredibly welcoming and intellectually stimulating atmosphere. The small class sizes allow you to immediately form close bonds with your classmates and tutors, whose expertise is matched only by their willingness to provide you with help and support, ensuring you always attain the best possible result. The School of Classics also benefits from its own charming library, good student-teacher communication and connects students with multiple internships and projects.”

Harry (Cupar, Fife, Scotland)

Ancient History & Archaeology
We offer a wide range of modules at Honours, including several that are entirely or largely archaeological in content. The core module Principles and Techniques in Archaeology is complemented by options such as The Ancient City of Rome, The Archaeology of Roman Britain and the module In the Footsteps of the Ancients, which incorporates a field trip to Greece. Many students also choose to write a dissertation on a subject of archaeological and historical interest. Candidates for this degree often attend the Summer Schools run at the British Schools of Athens or Rome.

Ancient History element of your Honours degree
First year (2 x 20-credit modules required)
These modules assume no previous study of Ancient History or classical languages: any student is eligible to join. The first module traces the history of the Greek world from Archaic Greece to Alexander the Great. The second module follows Rome from its beginnings to the Emperor Augustus. They introduce political, social and archaeological aspects of civilisations that contributed much to later European culture. Lectures outline the major themes and questions, while the tutorials allow you to study key sources from the ancient world (in translation), so you are working directly with the evidence right from the start. These modules are complementary but may also be taken independently.

Second year (2 x 20-credit modules required)
Two more advanced modules, again complementary but independent: an investigation of the social, economic, administrative and religious history of the Roman Empire from Augustus to Constantine; and a study of the history of human settlement in the Mediterranean throughout classical antiquity. The rise and fall of classical civilisation is examined, with emphasis on archaeological evidence. These modules bridge the gap to Honours through a variety of assessment methods, including deeper analysis and practical tutorials using the University’s archaeological collections.

Honours – third and fourth years
Ancient History students must take the core module Approaches to Ancient History in third year. There is a wide choice of other modules at this stage, covering a wide range of periods (from The Archaeology of the Cyclades to Government and Society under Diocletian) and showcasing different historical approaches: political (Ancient Empires), military (The Roman Army), social (Roman Slavery), cultural (Cities and Urban Life in Late Antiquity) and art-historical (Art of the Roman Empire, Classical Temple to Christian Basilica). For a full list of modules, see: www.st-andrews.ac.uk/coursecatalogue

Additional compulsory charges
The optional Honours module In the Footsteps of the Ancients which is not offered every year, includes a compulsory field trip in Greece. Students must pay for accommodation, travel within Greece and entry permits. They must also pay for travel and health insurance, the flights to and from Greece, and meals other than breakfast. Some financial help may be available.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

In the academic year 2017-2018, Honours students in the School of Classics may participate in Study Abroad for either one or two semesters at the University of Leiden as part of our Erasmus+ exchange.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers
As contemporary channels of internet and television make world events more immediate and accessible, the ancient world is becoming ever more relevant in the lessons it has to offer. Increasingly economists, politicians and lawmakers are considering past histories and their relevance to future policy and strategy. Many graduates also use their degrees more directly in teaching, museums or archaeology.

Our Ancient History graduates can be found in a wide range of professions, including the law, audit, accountancy and teaching. They include administrators in the NHS and universities, civil servants, nurses, and bankers. Some use their IT skills in schools, some their pastoral skills in Human Resources and others their organising skills in events and conference management. Further training has led to curatorial posts in museums, whilst others are continuing to pursue their academic studies in ancient history, heritage management and archaeology.

See also page 46 for details of the University’s Careers Centre.
Covers of contemporary Arabic novels

Arabic

See also History – Middle East Studies page 108
See also Modern Languages page 130

‘With Integrated Year Abroad’ degrees are only available where the WIYA is taken in another language.

Degree options in the Faculty of Arts

MA (Joint Honours degrees)
Arabic and one of:
- Art History
- Classics
- Comparative Literature
- Economics
- English E+
- Film Studies
- French F+
- Geography
- German W
- Hebrew
- International Relations
- Italian W

MA (Honours degrees) in:
- Arabic and two of French F+, German, Italian, Persian, Russian, Spanish
- Arabic and (one of French F+, German, Italian, Russian, Spanish) and Comparative Literature
- Modern Languages (Arabic and (one of French F+, German B, G, Italian, Persian, Russian E, NR, Spanish)) and one of Ancient History NR, English H+, International Relations, Latin H+ Management NR, G
- Modern Languages (Arabic and (one of French F+, Italian, Persian, Russian, Spanish)) and Classical Studies S
- Modern Languages (Arabic and Persian) and Middle East Studies H+
- Mediaeval Studies (see page 106)

Degree option in the Faculty of Science

BSc “with” degree
Honours in which the majority of the course deals with the first named subject:
Biology with Arabic B+

Why study Arabic here?

* The Department of Arabic and Persian also offers Persian language classes at all levels. See page 134.
* Arabic can be taken in combination with a wide variety of other subjects, including two other languages, or one other language and a third subject.
* Undergraduate societies – the Middle East Society, the Islamic Society and the Middle Eastern Film Group.
* Access to events in the Institute of Middle East, Central Asia and Caucasus Studies, the Institute of Iranian Studies and those organised by Middle Eastern Studies within the School of History.
* An annual prize is awarded to the best student in first and second year Arabic.
* The ground-breaking research project Language – Philology – Culture. Arab Cultural Semantics in Transition is running in the Department until 2018. The Department has leading scholars in both modern and classical Arabic literature, whose research and literary translation work is widely recognised.
* The Department of Arabic and Persian was ranked first in the UK in the Times and Sunday Times University Guide 2017.

Subject enquiries

Ms Catherine Cobham
E: arabhod@st-andrews.ac.uk

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AAAB (see specific subject footnotes above)
GCE A-Levels: AAB (see specific subject footnotes above)
International Baccalaureate Points: 36 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need knowledge of this subject? – No.

Return to Subjects
“Studying Arabic in St Andrews has been hugely rewarding, the language itself is just as fascinating and rich as the world of countries and cultures that it opens up. Having already done a year’s work placement in France as a Joint Honours Arabic and French student, I was delighted to be able to also study abroad for a semester in Morocco to experience the culture first hand and develop my speaking skills.”

Hannah (Trowbridge, Wiltshire, England)

What will I study?

The topics covered in the modules include the language of the Arabic media, and classical and modern Arabic language and literature. The building of a high level of competence in language skills is a priority in all modules, and you will be expected to write using correct spelling, grammar and punctuation in both Arabic and English. After completing the first two years, you will be able to read, write and converse in basic Modern Standard Arabic.

Why is this approach important?
The Arab world is currently going through a period of radical changes, which will continue to have widespread repercussions for decades to come. The region includes many different countries extending ‘from the Ocean to the Gulf’, as Arabs traditionally refer to it. Modern Standard Arabic is arguably the strongest link uniting countries as diverse as Iraq and Morocco. It is the official language of the twenty-two members of the Arab League and one of the six official languages of the UN. Perhaps more important than all this is the fact that Arabic has been for many centuries the language of thriving literatures (from pre-Islamic poetry to the contemporary novel) and rich and diverse cultures, and it is, of course, the language of Islam.

You can progress to Joint Honours in Arabic from the sub-honours modules in Arabic with a wide range of other subjects, including Persian, Middle East Studies, Modern History, Mediaeval History, International Relations, Modern European Languages, English, Mathematics.

Arabic element of your Honours degree

First year (2 x 20-credit modules required)

Arabic for Beginners 1 and 2

These modules will enable you to read, write and converse in simple Modern Standard Arabic. The Arabic alphabet, writing system, and basic Arabic grammar are covered. A selection of non-literary modern Arabic texts will be used in class as the basis of language teaching, classroom drills, tests and written assignments and oral class work.

Second year (2 x 20-credit modules required)

Intermediate Arabic 1 and 2

These modules will enable you to read and write Modern Standard Arabic to intermediate level with the aid of a dictionary, and to speak in standard Arabic on appropriate topics with a limited vocabulary. Oral work and written class work will be based on a series of texts selected for their relevance to the understanding of contemporary issues and culture.

Introduction to Classical Arab Culture

This is an optional module open to any student. It is particularly relevant for any student interested in Arabic or intending to graduate in Arabic and other subject(s).

Introduction to Middle Eastern History

This is an optional module open to students who have taken at least three Arabic modules and it is particularly relevant for any student interested in Arabic or intending to graduate in Arabic and other subject(s).

Honours – third and fourth years

(Usually 8 x 15 credit modules over two years)

At Honours, in addition to core language modules, you can choose from a range of modern and classical topics. It is also possible to study for a semester in an Arab country as part of your degree, although Arabic study abroad programmes are subject to modification, depending on the security situation in the relevant country.

Topics which can currently be studied in a Joint Honours Arabic degree include: Media Arabic, Advanced Arabic Language, Novellas, Short Stories, Classical Arabic Poetry, Key Texts in Classical Literature and Culture.

Typical class sizes and teaching information

First year: lectures 20 - 80, tutorials 10 - 15
Second year: lectures 20 - 40, tutorials 10 - 15
Honours: classes 5 - 20, tutorials 5 - 15

Tutors advise you closely on the preparation of written work and give individual assessments of your performance. Classes in Arabic language will include small group intensive classroom teaching in which students actively participate. Most Honours classes are organised as seminars for which you prepare literary and non-literary texts in English and Arabic for translation, analysis and discussion.

Typical methods of assessment

Assessed work may include advanced language exercises, discursive essays in English, oral presentations in Arabic and an Honours dissertation.

Study abroad

As a student of Arabic, you may apply to spend a semester in an Arab country. Because of the variable security situation in the Arab world, study abroad options are reviewed annually and students are kept informed of any changes or cancellations of individual programmes as early as possible. For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

You may also apply to the University’s St Andrews Abroad programme. See page 22.

Careers

Graduates in Arabic go on to a wide range of careers for which an arts degree is a recognised qualification. Graduates of the Department have become academics in international institutions, civil servants in government departments (notably the British Foreign and Commonwealth Office and the US State Department), human rights lawyers, journalists and employees in non-governmental organisations and international companies.

See also page 46 for details of the University’s Careers Centre.
Why study Art History here?

* The School enjoys an international reputation for its teaching and research.
* The modular structure offers the possibility of combining art-historical courses with those in a range of other subjects.
* The School has a friendly face and is responsive to the needs of individual students.
* Excellent town centre location, a short distance from the sea and coastal walks, combines classrooms, administrative and staff offices, and an extensive Visual Resources Collection.
* The School performed well in the UK Research Excellence Framework 2014, in which it was ranked top in Scotland and fourth in the UK for Art and Design (second in the UK for Art History).
* The School is generally recognised as one of the leading departments in the UK with an excellent record for both teaching and research.
* Art-historical study is visual and you will learn to look extensively and analytically at works of art and architecture, both in reproduction and in the original.
* Many modules are complemented by visits to galleries, monuments and other sites.
* Areas of special interest include: late medieval art and architecture; Italian Renaissance architecture, painting and sculpture; the history of Scottish art, architecture and design; the history of photography; nineteenth-century art; twentieth century modernism.

What will I study?

Our main purpose is to provide a context in which you will gain intellectual breadth and learn to become verbally and visually articulate, rather than necessarily to become professional art historians. You will learn to assess images of all kinds critically and perceptively. We do not teach technical or practical art skills — although previous experience in these, perhaps in the context of a Higher or an A-Level, would certainly provide a useful background.

We focus on the histories of the so-called ‘major arts’ (painting, sculpture and architecture) but also encompass the applied arts, graphic arts and photography. A wide range of factors are considered: the analysis of style, content and meaning; patronage and social significance; the implicit and explicit ideas behind works; broad questions of theory and aesthetics.
“The Art History programme starts with the Renaissance period and progresses up until the modern day, training in us the ability to look beyond the pictures and understand the political, historical and social context. The first two years serve as a foundation for the specialisation undertaken in Honours, where the focus is on narrower topics. The support from the staff is great; they are always available to offer guidance and advice.”

Valeria (Chisinau, Moldova)

Art History element of your Honours degree
First year (1 x 20-credit module required)
The two 1000-level modules available are The Art of Renaissance Italy and Northern Europe, which provides a chronological survey covering painting, sculpture and architecture in Italy and Northern Europe 1280 - 1580; and European Art and Architecture in the Seventeenth and Eighteenth Centuries, which begins with a study of Baroque art and architecture in Italy and then moves to the Low Countries, Spain, France and Britain.

Second year (2 x 20-credit modules required)
Current modules (2016-2017) are The History and Theory of European Art, Architecture and Design from the French Revolution to Vienna 1900, which focuses on the most significant art historical developments of the nineteenth century; and Art, Culture and Politics from 1900 to Now, which explores some of the most compelling episodes and issues of twentieth- and twenty-first-century art.

Honours – third and fourth years
(1 x 30-credit core module and at least 3 x other 30-credit modules required over 2 years)
At Honours level students choose modules from a wide range of options, most of which correspond to the research interests of individual members of staff. In the third year all Single Honours students take a core module in the first semester (optional for Joint Honours students). This is designed to further their understanding of major art historical issues. In the fourth year students also prepare a dissertation. The following subjects (among others) are currently taught, although applicants are advised that this list is subject to change in line with the availability and teaching cycles of staff:

• Art of the mediaeval period
• Gothic architecture
• Renaissance painting, sculpture and architecture
• Nineteenth-century art
• The history of photography
• Orientalism and art
• Art Nouveau
• Russian art
• Aspects of Scottish art
• Twentieth-century modernism
• Contemporary art

For more detail on the Honours modules currently available see the Course Catalogue: www.st-andrews.ac.uk/coursecatalogue

Typical class sizes and teaching information
First year: lectures 170 - 200, tutorials 8 - 10
Second year: lectures 140 - 160, tutorials 8 - 10
Honours: lectures 15 - 25, seminars 7 - 12

Teaching consists both of formal lectures, illustrated by visual presentations, and of less formal, small-group seminars or tutorials.

The relatively large number of academic staff ensures that the large lecture classes in the first and second years are offset by small-group tutorials and also provides a wide range of options at Honours. Visits are organised to galleries and monuments in Scotland.

Typical methods of assessment
1000- and 2000-level modules are assessed by an equal mixture of coursework and written examinations. At Honours level some modules are assessed entirely by coursework, while others include written examinations weighted at 30%.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

In the academic year 2017-2018 Honours students in the School of Art History may participate in Study Abroad for either one or two semesters at the University of Leiden, the University of Padua and the University of Vienna as part of our Erasmus+ exchanges.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers
A degree in Art History from St Andrews will provide an excellent foundation for a career in museums and galleries, arts administration, the art trade, or teaching, as well as in a wide range of other fields such as publishing and media, PR and marketing, law, business and finance, retail, catering and hospitality. A number of graduates also go on to take postgraduate courses.

In recent years our graduates have secured employment in a wide range of positions, including the BBC, Sotheby’s, Christie’s, Legal and General, National Museums Scotland, the British Library, Phaidon Press, Country Life magazine, Vertigo Films, The Week magazine, Tiffany and Co., as well as numerous regional museums and galleries.

See also page 46 for details of the University’s Careers Centre.
Biology

Degree options in the Faculty of Science

MBiol (Integrated Masters degree)
Biology

MBiochem (Integrated Masters degree)
Biochemistry

MMarBiol (Integrated Masters degree)
Marine Biology

BSc (Single Honours degrees)
Behavioural Biology
Biochemistry
Biology
Biomolecular Science (offered by the School of Chemistry, includes some Biology modules)B++
Cell Biology
Ecology & Conservation
Evolutionary Biology
Marine Biology
Molecular Biology
Neuroscience (offered by the School of Psychology & Neuroscience, includes some Biology modules)Zoology

BSc (Joint Honours degrees)
Biology and one of:
Economics
Geography
Geology
Mathematics
Philosophy
Psychology
Statistics

BSc “with” degrees
Honours in which the majority of the course deals with the first named subject:
Biology with Arabic
Biology with French W, F+

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

First year entry BSc (except Biochemistry and Joint degrees with Mathematics or Statistics), MBiol and MMarBiol
SQA Highers and GCE A-Levels should include Biology (or Human Biology) and one other science from Chemistry, Mathematics or Physics
SQA Highers: AAAB
GCE A-Levels: AAA
International Baccalaureate Points: 36 including HL6 in Biology and HL6 in Chemistry

Second year entry BSc (except Biochemistry and Joint degrees with Mathematics or Statistics), MBiol and MMarBiol
SQA Advanced Highers and GCE A-Levels should include Biology (or Human Biology) and one other science from Chemistry, Mathematics or Further Mathematics
SQA Advanced Highers: AB M++
GCE A-Levels: AAA M++
International Baccalaureate Points: 38 including HL6 in Biology and HL6 in Chemistry

Preference will be given to candidates offering strong science qualifications over and above the stated minimum requirements.

Do I need previous knowledge of this subject?
– Yes, see above.

Subject enquiries

Dr Stuart MacNeill and Dr Christian Rutz
E: bioadmissions@st-andrews.ac.uk
“Studying at St Andrews has given me much more than just education. It has instantly given me the feeling of home and it never ceases to amaze me how much the University cares about the well-being of the students. Thanks to the flexibility of the schedules, I was able to engage in other sciences beside Biology in the first year, and explore different aspects of the subject in the second year.”

Katarina (Bratislava, Slovakia)

### Why study Biology here?

* We conduct world-class research that welcomes student participation and offers a unique learning experience.
* We provide a focused and friendly learning environment with close contact between staff and students.
* Our first year programme encourages you to choose modules from other fields including other sciences, the humanities and the arts to provide a well-rounded and interdisciplinary education.
* Our newly revised second year programme allows you to choose up to seven biology modules spanning a wide range of topics from cell biology to evolutionary biology, invertebrate zoology to biochemistry.
* All our second year students also take a semester-long module – Research Methods in Biology.
* A programme of small group tutorials (4–6 students) in second and third years brings students together with individual academics.
* Flexibility within the School allows you to change your degree direction during your first two years, before specialising in third and fourth years.
* All our Biology students carry out an independent final year research project which enables you to conduct and write up your own research and potentially publish this in a scientific journal.
* We have a dedicated marine laboratory in St Andrews. The Scottish Oceans Institute (currently undergoing a multi-million pound refurbishment) incorporates the largest Sea Mammal Research Unit in the world and many other Marine Biology research groups.
* We have strong interdisciplinary links with the Schools of Chemistry, Earth & Environmental Sciences, Geography & Sustainable Development, Mathematics & Statistics, Medicine, Physics & Astronomy and Psychology & Neuroscience.
* Students have the opportunity to gather research experience around the globe.
* In the UK Research Excellence Framework 2014, Biology was second in the UK based on the impact of its research.
* For the latest news, stories and additional information for prospective students see: [http://biology.st-andrews.ac.uk](http://biology.st-andrews.ac.uk)

### What will I study?

Biology involves the study of life at all levels of organisation from the molecular biology of virus replication to the study of animals and plants in their natural habitats. Biology touches on many aspects of contemporary life, from drug design and investigating the molecular basis of Alzheimer’s disease, to the migration and conservation of marine mammals – all of which can be studied at St Andrews. We teach these subjects, and many more, to give either an overall or a specialist view of Biology, depending on your degree course.

**First and second year modules in Biology**

Studying Biology at St Andrews means that a final choice of degree does not have to be made until the end of second year. In the first year, students take two modules in Biology, together with four modules selected from the full range of subjects delivered by other Schools in the University. In the second year, most students take between four and eight of the eleven modules available within Biology.

In first year the modules introduce you to core material relevant to all degree programmes in areas such as animal and plant biology, molecular biology, cell biology and biochemistry. In the second year you choose modules which will best prepare you for your intended degree (or group of possible degrees).

New topics are introduced in some second year modules such as evolutionary biology and ecology, whilst other modules allow you to continue to develop your knowledge of cellular, biochemical, molecular or organisal biology.

**Single Honours degrees (BSc) – third and fourth years**

The Honours programmes occupy the final two years of study and consist of a series of modules covering more specialised topics. The first year of Honours provides modules developing the specific knowledge-base for the degree programme. In the final year of Honours, half of the time is spent attending combinations of the numerous tutorial-style modules leading to different specialist Honours degrees. The focus of these advanced modules is student-led, enquiry-based learning. The other half of the fourth year is occupied by a substantial research project. For more details of our teaching programme, visit our School of Biology webpages.

**Integrated Masters degrees (MBiol, MBiochem, MMarBiol) – third, fourth and fifth years**

The third year of the five year Integrated Masters courses comprise six Biology modules focused on advanced core material in your chosen area. In the fourth year students typically apply to undertake a year-long research placement often away from St Andrews, in a research institute or in industry, as well as an experimental design distance learning module. The fifth and final year of the Masters degrees involves highly-specialised taught courses and, in the case of MBiochem, a substantial research project.
Biology (continued)

Structure of Biology degrees

<table>
<thead>
<tr>
<th>First year</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 1</td>
<td>Module from another subject</td>
</tr>
<tr>
<td>Biology 2</td>
<td>Module from another subject</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Second year</th>
<th></th>
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<tbody>
<tr>
<td>At least four, and typically eight, of the following:</td>
<td></td>
</tr>
<tr>
<td>Research Methods in Biology (compulsory), Cell Biology, Cell Systems, Molecular Biology, Applied Molecular Biology, Biochemistry, Invertebrate Zoology, Vertebrate Zoology, Evolutionary Biology, Ecology, Comparative Physiology</td>
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</tr>
</tbody>
</table>

Honours

- Broad-based, degree specific core modules (third year)
- Specialised modules and a Research Project (fourth year)
- (MBiol, MBiochem and MMarBiol students take a year-long research placement in fourth year and conduct advanced studies in fifth year)

Typical class sizes and teaching information

<table>
<thead>
<tr>
<th>First year:</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Lectures 240 - 270, practicals 80 - 90</td>
<td></td>
</tr>
<tr>
<td>Second year:</td>
<td></td>
</tr>
<tr>
<td>Lectures 80 - 120, practicals 40 - 60</td>
<td></td>
</tr>
<tr>
<td>Honours third year:</td>
<td></td>
</tr>
<tr>
<td>Lectures 20 - 60, practicals 20 - 60</td>
<td></td>
</tr>
<tr>
<td>Honours fourth year:</td>
<td></td>
</tr>
<tr>
<td>5 - 20</td>
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</table>

In first to third years, teaching is delivered by lectures, seminars, and tutorials with a strong practical element (laboratory- or field-based) at all levels. In addition, emphasis is placed on transferable skills including IT and the presentation of material both orally and in writing.

In fourth year, students take a number of small highly-focused modules taught in small groups on selected topics of special interest to staff members, as well as undertaking a substantial final year research project. By providing an in-depth experience of laboratory research or field investigation, the final year project allows the development of research skills that are strongly desired by many prospective employers and also by graduate schools offering postgraduate degrees. The final year project can also lead to publication of your work in a scientific journal.

Typical methods of assessment

All of our 1000- and 2000-level modules are assessed by an equal weighting of coursework and written examinations. At 3000-level, most modules give a higher weighting to examinations, and at 4000-level some modules are entirely assessed by coursework, while others still include written examinations in addition to coursework but these examinations tend to be shorter and the weighting is usually 50% or less.

School of Biology degrees

When reading our list of degree programmes, bear in mind that you will be able to move easily between most Biology degree intentions during your first two years of study. Once you reach your Honours years, your programme will include specialised modules in the subject area you have chosen.

Behavioural Biology

Behavioural Biology covers behavioural ecology, the mechanisms of animal behaviour, the processes of evolution and speciation, adaptive physiology of animals and animal cognition. An emphasis is given to current topics like cultural learning, animal communication and molecular ecology. Additional choices include marine biology, marine mammals, neuroscience, biodiversity and conservation, and animal-plant interactions.

Biochemistry (BSc or MBiochem)

Biochemical mechanisms are involved in all life processes, so biochemical techniques are applied to a broad spectrum of fields from viral replication to neurobiology. The biochemical aspects of cell and organisational function and regulation are covered in modules on protein function, molecular genetics, membranes and cell communication, bioenergetics and pharmacology as well as a final-year laboratory project with one of the relevant research groups in the School.

Biology (BSc or MBiol)

This allows you to select your own route through our Honours modules. If you have broad interests and are reluctant to specialise and wish to take a wide variety of topics throughout all four years, this is the degree for you. Many of our applicants initially apply for a degree in Biology and then after they have sampled a range of first and second year Biology modules decide on a more specialist degree.

Biomolecular Science (see School of Chemistry page 66)

Cell Biology

Cell Biology is related to molecular biology in that cell function depends on molecular structures and biochemical processes. However, cell biology is also the basis for understanding the physiology and development of animals and plants, as well as many aspects of pathology. The Honours programme includes modules that emphasise structure and function in the cells of animals, plants and microbes. It explains how and when cells divide and how they interact as they form tissues and embryos.

Ecology & Conservation

Topics such as global warming, environmental change and species extinction are increasingly in the public eye. This Honours programme deals with core aspects of modern conservation biology and ecology. Modules cover the ecology of terrestrial and aquatic environments, the process of evolution and speciation, adaptive physiology of plants and animals, population biology, molecular ecology, biodiversity, sustainability and conservation issues, and behavioural ecology.
“Biology was my additional subject module as a mature humanities student, but the broad range of sub-honours tuition captivated me. Molecular Biology offers an intensive grounding in laboratory techniques and recent findings in an exhilarating discipline with myriad research possibilities. Training received through summer internships allowed me to design recombinant DNA to investigate genomic mediators of evolution. I cannot imagine another institution offering a higher level of flexibility and support.”

Alan (Edinburgh, Scotland)

Evolutionary Biology
Theodosius Dobzhansky once said “Nothing in biology makes sense except in the light of evolution”. This Honours programme deals with the theory of evolution, evolutionary genetics, environmental physiology, terrestrial and aquatic ecology, evolution of behaviour, biodiversity and conservation, human evolution, and evolutionary ecology.

Marine Biology (BSc or MMARBiol)
We are situated on the shores of the North Sea and have the world-renowned Scottish Oceans Institute, a research institute which incorporates the world-class Sea Mammal Research Unit. Other active research areas include marine molecular ecology, genomics, the ecology and development of marine invertebrates, fish muscle physiology, the behaviour of marine animals and the ecology of coasts and estuaries. In this programme you will explore aquatic environments, evolutionary processes, behavioural biology, biodiversity and biological sustainability, marine microbiology, and marine mammal biology.

Molecular Biology
Building on the foundations of molecular and cellular biology laid down in first and second years, this Honours programme covers core topics in molecular biology such as chromosome dynamics, gene structure and expression, molecular genetics, molecular virology, structural biology and bioinformatics.

Neuroscience (see School of Psychology & Neuroscience page 142)

Zoology
The study of Zoology involves a wide-ranging exploration of the animal kingdom investigating the structure, development, evolution, classification, behaviour, and distribution of all types of animal, both living and extinct. The choice of modules provides organismal, cellular, and molecular perspectives, including developmental, behavioural, neurophysiological, and environmental approaches with examples ranging from single-celled animals to marine mammals.

Joint Honours degrees
The following degrees allow you a balanced and logical combination of modules with an emphasis on the areas of Biology which combine well with the other subject.

- Biology and Economics
- Biology and Geography
- Biology and Geology
- Biology and Mathematics or Statistics
- Biology and Philosophy
- Biology and Psychology

Other Honours degrees

- Biology with Arabic, Biology with French
  Biology is the major component of these programmes in which the development of written and spoken language skills is emphasised.

- Psychology with Biology
  More Psychology than Biology modules are taken in order to fulfil the requirements for accreditation in Psychology.

Additional compulsory charges
Students need to cover costs for lab and course materials of up to £25 per year. There are also additional charges of up to £100 in third year for either a field trip, a reading party excursion or a biochemistry lab class. Substantial additional expedition costs apply to some fourth year modules, including demand-driven modules such as Polar Ecology and Scientific Diving (pictured on pages 64 and 62). Students on the Integrated Masters degrees may also encounter increased accommodation costs in their fourth year if they choose to take industry or research placements outside of St Andrews.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

At Honours you may have the opportunity to apply to carry out some of your studies abroad. In 2017-2018, Honours students in the School of Biology may participate in Study Abroad at European universities and James Cook University in Australia through the Biology Abroad programme. This provides experience of scientific work in the context of a different culture, as well as broadening the range of project topics that we are able to offer.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers

Biology graduates are in high demand. They are keenly sought by many organisations including government, universities, research institutes and major companies. There are also exciting opportunities in a new generation of innovative grassroots companies, some of them spin-outs of our own School. Advisers to the developers of marine and terrestrial renewable energy sources, for example, need biologists for assessing the impact of novel installations. Our graduates also enter many other diverse fields such as management, accountancy, marketing, journalism and teaching as employers recognise the quality of our training.

Our Biology graduates have gone on to find success in a wide variety of careers in research, industry and business including (amongst many others):

- Professional biologists in biological research, conservation, higher education and the pharmaceutical, biomedical and other industries
- Researchers and advisers in government
- Journalists
- Advisers, researchers and managers in the National Health Service
- Teachers
- Forensic scientists
- Management consultants
- Marketing and advertising experts

See also page 46 for details of the University’s Careers Centre.
Degree options in the Faculty of Science

MChem (Integrated Masters degrees)
Chemistry
Chemistry with External Placement
Chemistry with Medicinal Chemistry
Chemistry with Medicinal Chemistry and External Placement
Materials Chemistry
Materials Chemistry with External Placement

MChem “with” degrees
Honours in which the majority of the course deals with the first named subject:
Chemistry with French F+
Chemistry with French and External Placement F+
Chemistry with Mathematics M+

MSci (Joint Integrated Masters degree)
Chemistry and Physics F+

BSc (Single Honours degrees)
Chemistry
Chemistry with Medicinal Chemistry
Chemical Sciences
Materials Chemistry
Biomolecular Science (with School of Biology) B++

BSc (Joint Honours degrees)
Chemistry and Geology
Chemistry and Mathematics M+

BSc “with” degrees
Honours in which the majority of the course deals with the first named subject:
Chemistry with French F+
Chemistry with French (With Integrated Year Abroad) F+

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

First year entry
SQA Highers: AAAAB (including A in Chemistry) C+, (see specific subject footnotes above and below)
GCE A-Levels: AAB (including A in Chemistry) (see specific subject footnotes above and below)
International Baccalaureate Points: 35 including HL6 in Chemistry

Second year entry
SQA Advanced Highers: AB (including A in Chemistry) and AB in two other Highers C+, M++
GCE A-Levels: AAA (including A in Chemistry) M++
International Baccalaureate Points: 37 including HL6 in Chemistry

C+ For BSc and MChem degrees – in addition to Chemistry, a Higher in Biology (or Human Biology), Computing Science or equivalent, Geography, Mathematics, Physics, or Psychology.
M++ For second year entry Mathematics degree combinations – one Advanced Higher must include Mathematics – A-Levels must include Further Mathematics and an A* in Mathematics.

Preference may be given to candidates offering strong science qualifications.

Additional entrance requirements may be specified for Joint Honours and Biomolecular Science degrees.

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – Yes, see above.

Subject enquiries

Dr Gordon Florence, Dr Finlay Morrison
E: chemug@st-andrews.ac.uk
We offer a range of exciting and stimulating degree programmes that allow students to develop skills in a variety of areas key to the future needs of society. The MChem degree gives you the best possible training for a career in chemistry and is tailored to the intending professional chemist who plans to enter the chemical sector or carry out postgraduate study upon graduation. The course lasts either four (with direct entry into second year) or five years.

The BSc course provides a comprehensive academic and practical training to equip graduates for a wide spectrum of careers whether in science-based industries or other fields such as teaching, management or finance. The course lasts for three years (with direct entry into second year) or four years.

Direct entry into second year
It is possible to enter directly into the second year of study, resulting in either a four-year MChem or a three-year BSc. This option is offered to students with excellent Advanced Higher, A-Level or IB qualifications. For joint degree subjects, entry into second year is less straightforward as requirements must be met for all subjects involved. The Chemistry and Physics MSci degree has no direct entry to second year due to the number of pre-Honours modules needed in this programme as well as timetabling issues that result. We would be delighted to discuss the possibility of direct entry into the second year with any prospective students.

What will I study?
Chemistry is a vibrant and exciting central science that interfaces with biology, physics, mathematics, medicine and geology, and we offer appropriate modules highlighting the importance of these interfaces. It is fundamental to many important sub-disciplines such as biochemistry, molecular biology, nanotechnology and atmospheric science in which we also offer specialised teaching. Everything around us involves chemistry, from the making of new materials to understanding biological systems, the food that we eat, the medicines which keep us healthy, ensuring the purity of the water we drink and the air that we breathe. The chemical and allied industries – fuels, pharmaceuticals and fragrances – are the most important manufacturing industries to the UK economy, recording trade surpluses of more than £4.8 billion each year. These industries employ large numbers of chemists in research, development, sales, marketing and management. The intellectual training (i.e. numeracy and problem-solving skills, team work, communication) obtained in studying for a degree in Chemistry is also ideal for a career in areas outside the chemical sciences.
**Chemistry (continued)**

**Chemistry element of your Honours degree**

**First year**
This consists of six modules and you will study three modules of chemistry and three other modules, one of which may be a further chemistry option. Modules include: Inorganic and Physical Chemistry (CH1401 and CH1402); Organic and Biological Chemistry (CH1601); optional module: The Impact of Chemistry (CH1301). For the remainder you can choose modules from a wide variety of subjects and venture into something completely new.

**Second year**
Second year consists of four modules. You will take three chemistry modules and one module from another School. Modules include: Inorganic Chemistry 2 (CH2501); Organic Chemistry 2 (CH2601); Physical Chemistry 2 (CH2701). If you enter directly into second year, you will also complete a short introductory module covering essential 1000-level material and an introduction to laboratory work.

After completing the modules in first and second year you decide on your final degree choice (e.g. MChem or BSc) and enter the Honours class.

<table>
<thead>
<tr>
<th>First two years of Chemistry degrees*</th>
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<tr>
<td><strong>First year</strong></td>
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<td><strong>Second year</strong></td>
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<td><strong>Semester 1</strong></td>
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<td><strong>Semester 2</strong></td>
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*Some joint or more specialist degree programmes have different structures.

**Honours (third, fourth and fifth years)**
In the Honours years you will study a combination of compulsory and optional modules, depending upon your degree choice. For the MChem programmes there are opportunities to apply for an external placement. Both BSc and MChem students will undertake a final year research project in one of our highly-rated research groups.

Sample Honours module titles:
- Organometallic Chemistry
- Advanced Ligand Design
- Mechanism in Organic Chemistry
- Carbohydrate and Nucleic Acid Chemistry
- Statistical Mechanics and Computational Chemistry
- Blockbuster Solids
- Energy Conversion and Storage
- Mini Chemistry Group Project
- Individual Chemistry Research Project

**Integrated Masters (MChem) degrees**
The following degrees are also available as BSc Honours degrees.

**Chemistry**
Initially, you will study core Chemistry modules. In later (Honours) years you will study both core, compulsory modules reflecting key areas of chemistry and also more specialist modules chosen from a diverse range of chemistry topics. The “Chemistry” degree provides you with a very broad chemical knowledge; alternatively you may choose to specialise by selecting one of the degree options outlined below. MChem students may apply to spend their fourth year on industrial placement at a company at the forefront of chemical research and development.

**Chemistry with Medicinal Chemistry**
Chemistry with Medicinal Chemistry focuses on the important interface of chemistry with biology and medicine. In Honours years the content of this degree consists of modules at the chemistry/biology interface, providing training both in chemistry and biomolecular sciences. The MChem includes the opportunity to apply to undertake a placement of eight to thirteen months’ duration in the pharmaceutical or agrochemicals industry.

**Materials Chemistry**
Materials chemists seek to understand the interrelationships between the composition, structure, microstructure and properties of solids in order to design and develop new materials for example, semiconductor processing and fabrication; energy and IT; biomaterials; catalyst materials; ‘smart coatings’; and nanotechnology. In Honours years the content of this degree consists of modules at the interfaces of Chemistry, Physics, Engineering and Materials Science. MChem students have the opportunity to apply to undertake a placement in their fourth year; all students will undertake a research project which can be undertaken in one of our materials-related research groups.
“The flexible degree structure at St Andrews, which even gives the opportunity for external placement, allows you to really focus on the subjects you are interested in and provides a unique learning experience. Lecturers are very friendly and always approachable, and the focus on practical chemistry during the whole degree greatly develops laboratory skills. The fact that it is an international School, in a student-driven town just adds to the overall experience.”

Daniel (Moralzarzal, Madrid, Spain)

Chemistry with French
We offer both four-year BSc and five-year MChem Chemistry with French degrees giving you the opportunity to study Chemistry whilst simultaneously enhancing your proficiency with French. In each case, there is an option to apply to spend an integrated year in a French-speaking country (e.g. France and parts of Belgium, Switzerland and Canada).

Chemistry with Mathematics
This degree (MChem only) allows students to incorporate Mathematics content in their Honours years.

Single Honours BSc degrees

Biomolecular Science
St Andrews has a world-class research record in working at the interface between chemistry and biology in areas including new treatments for flu, tropical diseases and cancers. The degree programme interlinks chemistry, medicine and biology and builds on our research strength in this area. Its aim is to equip students with the skills required for modern biomolecular and biotechnology industries. Students will gain expertise in chemical synthesis, enzyme kinetics, structural biology and molecular biology. The degree offers a unique opportunity to blend modules from Chemistry and Biology throughout all four years. The first two years consist of a common core of subjects in biochemistry and chemistry; the third and fourth years specialise in modules that balance chemistry and biology.

Chemical Sciences
This chemistry-based programme offers more flexibility to study some modules in the Honours programme in a range of other subjects. These can be other sciences, social science or business-related subjects.

Typical class sizes and teaching information
First year: lectures 90 - 160, labs 20 - 40, tutorials 6 - 10
Second year: lectures 80 - 90, labs 40 - 50, tutorials 5 - 7
Honours: lectures 10 - 60, labs 50 - 60, tutorials 6

Lectures are typically supported by small group tutorials and students very quickly feel that they are valued and become an integral part of the School. All of our lecture courses have web-based support materials and additional teaching support is given in selected topics, for example mathematics, as we recognise that there is a wide diversity in the background of the students entering our chemistry programmes.

Typical methods of assessment
For all our 1000- and 2000-level modules the assessment is made up of 60-70% written examinations combined with 30-40% coursework covering laboratories, tutorials and transferable skills exercises. For 3000-, 4000- and 5000-level modules, the assessment is either by written examination in the case of lecture-based modules, or coursework including written reports, oral presentations and oral examinations for laboratory, workshop and research project modules.

RSC Accreditation
All MChem degree programmes are accredited by the Royal Society of Chemistry (RSC), as are five of our BSc programmes: Chemistry, Chemistry with Medicinal Chemistry, Chemical Sciences, Chemistry with French, Chemistry with French (WIYA).

Study beyond St Andrews
You may apply to the University’s St Andrews Abroad programme. See page 22.

As an integrated part of the MChem with External Placement courses, the School of Chemistry will assist students in applying for eight- to thirteen-month placements in leading industrial research laboratories in the UK, Europe and North America. Typically, you may join a research and development group within a company and receive a salary for the duration of your placement. It is also possible for the placement to be carried out in an overseas academic institution.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers
Chemistry graduates have never been more in demand and they are keenly sought by major companies but there are also exciting opportunities in a new generation of innovative grassroots companies. Our chemists follow a diverse range of careers (see below), as employers recognise the quality of the training encountered in a Chemistry degree. St Andrews Chemistry graduates are highly employable and have gone on to find success in a wide variety of careers in industry and business including (amongst many others):

- Professional chemists in the chemical and pharmaceutical industries
- Teachers
- Forensic scientists
- Various careers in the food industry (including brewing)
- Management consultancy
- Marketing and advertising
- Patent lawyers
- Journalism and the media
- Finance (Accountants and Investment bankers)

Our recent graduates are engaged in many diverse roles, including as an intern at the European Patent Office, as a research scientist at a company involved in enhanced oil recovery in western Canada, as a pharmaceutical development scientist at Reckitt-Benckiser, as an audit assistant at KPMG and as a regional liaison officer for the Royal Society of Chemistry.

See also page 46 for details of the University’s Careers Centre.
Classical Studies

Degree options in the Faculty of Arts

MA (Single Honours degree)
Classical Studies

BA (International Honours degree)
Classical Studies – curriculum differs significantly from MA degrees. (For likely grades and other information, see page 20.)

MA (Joint Honours degrees)
Classical Studies and one of:
Art History
Biblical Studies
Comparative Literature
English
Film Studies
French
Greek
International Relations
Latin
Mathematics
Middle East Studies
Modern History
Philosophy
Scottish History
Social Anthropology
Theological Studies

Classical Studies and two Modern Languages
Combinations are available in Arabic, French, Italian, Persian or Russian, see page 130.

Likely grades considered for an offer
We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: ABBB (see specific subject footnotes above)
GCE A-Levels: AAA (see specific subject footnotes above)
International Baccalaureate Points: 36 including 3 at HL6 (see specific subject footnotes above)

Competitive applications will have previous experience of studying a modern or ancient foreign language at National 5 / GCSE level, or equivalent.

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – No but see note above about competitive applications.

Subject enquiries
E: classics@st-andrews.ac.uk

Why study Classical Studies here?

* Classical Studies includes study of the following: Greek and Roman literature, social structures, cultural history, philosophy, religion, art, and archaeology.
* An exciting range of modules (taught in translation) on topics as diverse as Greek religion, ancient magic, Hellenistic ethics, Roman architecture, ancient science, and the Elizabethan reception of Latin poetry.
* Our academic staff are experts in their fields and provide you with the latest ideas and material to research and evaluate. Specialisms currently include ancient laughter, political rhetoric, ancient astronomy and ethnography.
* The School of Classics was rated first in Scotland and second in the UK in the Research Excellence Framework 2014. It was ranked first in the 2016 National Student Survey with a satisfaction rating of 100%.
* Teaching in small groups assures close attention and individual help.
* The School has a lively student community including an undergraduate Archaeological Society.
* Our staff are friendly and approachable.

Facilities and resources
Classics is housed in Swallowgate, an attractive building which overlooks the sea and is only a few yards away from the University Library (which houses excellent collections) and the main quadrangle. There are computing facilities in the building, seminar rooms and a well-stocked class library.

What will I study?

All of our Classical Studies modules use texts in translation, whereas Classics modules approach them in the original Greek and Latin. You can discover and debate the nature of Athenian democracy, the power of Greek tragedy, the purpose of ancient erotic fiction, the imposing beauty of Roman sculpture, or the twists and turns of Platonic dialogue.

There is no compulsory language element to this degree programme, although you do have the option to try some Latin or ancient Greek at beginners’ level, and pursue the language if you wish.

The most common Honours entry route is to take all four first-year and second-year modules in Classical Studies, but other options are possible. You must take at least four modules in Ancient History, Classical Studies, Greek or Latin, including at least two at 2000 level, and you must include either both 1000-level Classical Studies modules, or both 2000-level modules; this ensures some acquaintance with both Greece and Rome, and provides the literary, cultural and methodological frameworks you will need for the more specialised modules we offer at Honours.
“As someone who threw themselves wholly into the School of Classics, taking only classical subjects from my first year onwards, I can honestly say that Classical Studies here is incredible. While the School is small, it works to our advantage, as the staff are extremely supportive outside classes and within them. The work is challenging, interesting and different and the courses are so diverse.”

Marjan (London, England)

Classical Studies element of your Honours degree

First year Classical Studies modules (20 credits each)

Semester 1: Myth and Community in Ancient Greek Literature and Culture
This module explores some of the most dynamic literary and artistic achievements of archaic and classical Greek culture. The module ranges across Homeric epic, Athenian tragedy, Aristophanic comedy, and the writings of intellectuals; it studies the relationship between texts and images in the expression of cultural values; and it examines a series of major themes in Greek views of identity, morality, politics and religion.

Semester 2: Images of Augustan Rome
This module studies a range of literary works that were written during the lifetime of the first emperor, Augustus, and their different reactions to the new regime that he established. A central theme of the module is the development of the architecture and public art of the city of Rome during this period, and the variety of ways in which the city features in the literature of the time.

Second year Classical Studies modules (20 credits each)

Semester 1: Culture and Thought in the Late Roman Republic
This module addresses the intellectual life of late Republican Rome through a range of artistic and literary sources, including the poems of Catullus on myth, sex and politics and the great poem by Lucretius on atomic physics and what it means for you.

Semester 2: Early Greek Poetry and Philosophy
Early Greece is the age of beautiful poetry and cutting-edge philosophy. This module explores the diversity of early Greek thought at the crossroads of poetry and philosophy, starting with Hesiod’s struggle to reorder the world of gods and humans, before considering the exciting literary and intellectual experiments of the successors of Hesiod and Homer, who saw poetry as a way of writing philosophy, exploring love, and attacking enemies.

Honours – third and fourth years
You choose further modules for more advanced study of ancient texts, discourses and images. Modules reflect the research interests of the staff who teach them, and take you straight to the heart of current questions in our understanding of the Greeks and Romans. Modules currently available include:

- The Ancient and Modern Novel
- Greek Theatre
- Knowledge and the World in Hellenistic Philosophy
- Animals in Greco-Roman Antiquity
- Herodotus
- Roman Praise
- Modern Classics
- Women in Ancient Societies

Honours modules in the School carry 30 credits, so you study two modules each semester in Honours. Single Honours students write a dissertation worth 30 credits in their fourth year.

Typical class sizes and teaching information

First year: lectures 60 - 80, tutorials 8 - 12
Second year: lectures 60 - 80, tutorials 8 - 12
Honours: seminars 10 - 20

Friendly contact is established from the start through small tutorial groups that enable you to get to know the staff and other students very quickly.

In Honours you will learn, debate and make presentations in lively seminars. All members of staff contribute to the Classical Studies programme. Staff interests include Greek and Roman archaeology and art, Greek and Roman literature (including late Latin literature), ancient drama, Homer, Herodotus and Thucydides, Roman historiography, ancient science and philosophy, Greek rhetoric, ancient economic and social history, ancient literacy, the Classical tradition, the representation of foreign peoples, Athenian imperialism, and the cultural history of the Roman Empire.

Typical methods of assessment
Assessment throughout the degree is generally 50% assessed coursework and 50% by examination, taken at the end of the semester; in some modules, coursework predominates. The final class degree is based on marks awarded over the last two years.

All Single Honours students write a dissertation in their fourth year and this allows them to specialise in an area of their own key interest.

Final year students may obtain teaching experience and mentoring from teachers in local secondary schools.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

In the academic year 2017-2018, Honours students in the School of Classics may participate in Study Abroad for either one or two semesters at the University of Leiden as part of our Erasmus+ exchange.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers

Recent Classical Studies graduates include librarians, journalists, civil servants, teachers and nurses. Others hold posts in museums, finance, and teaching English overseas. Some have embarked on further training in classics, accountancy, law, and journalism.

See also page 46 for details of the University’s Careers Centre.
**Why study Classics here?**

- Excellent linguistic training in the skills of reading and understanding Greek and Latin literature, with the support of a dedicated Classics Language Teaching Officer.
- Strong grounding in the classics of Greek and Latin literature combined with an introduction to the wider culture of the ancient Mediterranean. Our modules cover many canonical texts but also branch out beyond them, with theoretical reflections on issues such as genre and intertextuality.
- A wide range of modules including Latin panegyric, Greek literature in the Roman Empire, Roman satire, ancient technical writing, and reception and translation studies.
- Wide choice of related subjects which may be studied as part of the Single Honours Classics degree, including history, philosophy, archaeology and material culture, as well as modern languages.
- Our academic staff are experts in their fields and provide you with the latest ideas and material to research and evaluate. Specialisms currently include Greek tragedy, Roman comedy, epic, satire and scientific writing.
- The School of Classics was rated first in Scotland and second in the UK in the Research Excellence Framework 2014. It was ranked first in the 2016 National Student Survey with a satisfaction rating of 100%.
- Teaching in small groups assures close attention and individual help.
- The School has a lively student community, including the Scottish Hellenic Society.
- Our staff are friendly and approachable.

**Facilities and resources**

Classics is housed in Swallowgate, an attractive building which overlooks the sea and is only a few yards away from the University Library and the main quadrangle. There are computing facilities in the building, seminar rooms and a well-stocked class library.

**What will I study?**

The Classics programme in St Andrews is designed for those who wish to study both Latin and classical Greek language and literature to Honours, either starting from scratch or building on previous study. At the outset, there are separate classes for beginners and those with prior knowledge. There are opportunities at all stages to take related and complementary subjects, especially Ancient History and Ancient Philosophy. To study Classics in the original languages is to engage at first hand with the tradition which revolutionised the intellectual life of Western Europe. It requires a combination of precise linguistic skills, a mature sense of historical context and development, and an openness to new ways of seeing our own world.

The first two years are spent in gaining a thorough grounding in the language and literature of Latin and ancient Greek.
“The size of the School of Classics is ideal, and the course itself is fascinating. I particularly like the balance between the study of canonical works and lesser-known ones, often within the same module. The structure of the course is very flexible and it enables you to gain a solid knowledge of the field as a whole while also giving you the opportunity to focus on your particular interests. Having our own library is a bonus as well!”

Pedro (Madrid, Spain)

In the third and fourth year you choose modules reflecting your own special interests. These may include the major genres of Greek and Latin literature, such as Epic, Comedy, or Historiography. A wide selection of other historical, philosophical and cultural topics may also be studied, such as Pleasure, Goodness and Happiness: Hellenistic Ethics, Government and Society under Diocletian, and The Ancient and Modern Novel.

**Classics element of your Honours degree**

**First year**

(4 x 20-credit modules required – 2 in each of Greek and Latin)

Whether you are a beginner in Greek and Latin, or have studied them before, we have specially designed modules for you. As part of the Classics programme, you will study both Greek and Latin all year. You will study one further module in each semester, either related to Classics (e.g. Ancient History or Classical Studies) or else something completely different. Both the beginners and advanced programmes help to develop your skill and confidence in reading Greek and Latin texts independently and to broaden your knowledge of classical literature and culture.

By the end of the year all beginners will have studied some Greek or Latin literature in the original and will have the basic skills to translate real Greek or Latin texts.

**Second year**

(4 x 20-credit modules required – 2 in each of Greek and Latin)

Both Greek and Latin are studied all year, with two further modules of your choice. In Latin you study the literature of the Republic and the Empire. In Greek, you study the epic narrative and comic prose dialogue followed by pastoral poetry and the romantic novel. Ex-beginners and more advanced students work more closely together as the year progresses, but both groups receive specialist support.

At the end of these modules you will be familiar with Greek and Latin literature from a wide range of genres and periods.

If you start beginners’ Latin or Greek in your second year you will take special modules in third year to enable you to complete an Honours degree in Classics.

**Honours – third and fourth years**

You choose from a range of modules covering major genres, such as Epic, Comedy, Satire, Rhetoric and Historical Writing in both Greek and Latin, with an option to study Latin and Greek Prose Composition. You will do a minimum of two modules in Greek and two in Latin at this level. You may also write a dissertation on a topic of special interest.

At all levels students may combine Greek and Latin with modules in Classical Studies and Ancient History or may choose unrelated subjects.

**Typical class sizes and teaching information**

**First year:** lectures/seminars 25 - 35, tutorials 10 - 15

**Second year:** lectures/seminars 25 - 35, tutorials 10 - 15

**Honours:** seminars 10 - 20

**First year**

Three to four weekly lectures/classes; where possible, one is broken down into smaller groups.

**Second year**

Typically three to four classes per week. Ex-beginners receive close attention and help to meet their developing needs; they are increasingly integrated with the advanced class over the year. Questions and discussion are encouraged in all classes.

**Honours**

Honours is taught by a combination of lectures and seminars, mostly in small groups with increasing emphasis on students’ own contribution, both in informal class discussion and in presentations by individuals or small groups.

**Typical methods of assessment**

Assessment throughout the degree is generally 50% assessed coursework and 50% by examination, taken at the end of the semester. Dissertation and teaching experience modules have no final exam. The final class of degree is based on marks awarded over the last two years.

All Single Honours students write a dissertation in their fourth year and this allows them to specialise in an area of their own key interest.

Final year students may obtain teaching experience and mentoring from teachers in local secondary schools.

**Study abroad**

You may apply to the University’s **St Andrews Abroad** programme. See page 22.

In the academic year 2017-2018, Honours students in the School of Classics may participate in Study Abroad for either one or two semesters at the University of Leiden as part of our Erasmus+ exchange.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: [www.st-andrews.ac.uk/studyabroad](http://www.st-andrews.ac.uk/studyabroad)

**Careers**

Traditional Classics courses have provided an entry to a wide range of careers and positions since employers have placed a premium on the combination of intellectual flexibility and rigour of Classics graduates. Students graduating with classical degrees typically do well in the graduate employment market. Graduate destinations include financial services, the law, marketing and management, civil and armed services, journalism, museums, galleries, libraries, teaching and further research. Some have built on their linguistic skills to use modern foreign languages in employment.

See also page 46 for details of the University’s Careers Centre.
**Why study Comparative Literature here?**

- Rated first in the UK for Comparative Literature in the National Student Survey 2016.
- Comparative Literature is an exciting collaborative intercultural venture of a kind rarely found in the UK.
- Taught by literary experts from across the School of Modern Languages (Arabic, French, German, Italian, Persian, Russian and Spanish) as well as from other Schools in the Faculty of Arts.
- A wide range of literature from around the world in English translation.
- Comparative Literature can be studied without any previous knowledge of foreign languages.
- Comparisons and connections across countries, time periods, subjects and genres.
- See the world from multiple perspectives through reading literature in English translation.
- Acquire and develop analytical and critical skills that will make you highly employable in the UK and abroad.
- Optional Honours modules such as Folk and Fairy Tales, Autobiography and the Visual Arts, Cultural Memory and Literature.
- Flexible options for module choices and study abroad.

**What will I study?**

Comparative Literature gives you the chance to consider the ideas, human values, and historical forces that have helped to form the world’s literatures. A focus on close reading and an exploration into the practice of literary translation will develop your analytical, communicative, and evaluative skills. You will have the opportunity to read, to discuss, to present reasoned arguments, and to work on writing with precision and clarity. As a graduate, your capacity to process and assimilate complex material from a range of cultures will make you highly employable.

First and second year modules raise awareness of different genres and themes as they appear in a range of literatures (Arabic, East European, French, German, Italian, Persian, Russian, Spanish, UK, USA, Latin American) and address the issue of how to study literature comparatively. At Honours (third and fourth years) you will take several core modules and make choices from research-led modules taught by specialists in the School.

**Comparative Literature element of your Honours degree**

**First year (2 x 20-credit modules required)**

We offer two 1000-level modules to introduce you to the study of Comparative Literature. The Nineteenth-Century Novel and Drama in the Twentieth and Twenty-first Centuries will cover a diverse range of texts in English translation. These include texts by such diverse authors as Gustave Flaubert, Theodor Fontane, Leo Tolstoy, Emilia Pardo Bazán and Charles Dickens, or playwrights such as Bertolt Brecht, Eugéne Ionesco, Arthur Miller, Dario Fo, Aimé Césaire, Ramón del Valle-Inclán and Sarah Kane.

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**Subject enquiries**

Dr Colette Lawson
E: complit@st-andrews.ac.uk
Second year (2 x 20-credit modules required)

*Journeys* is a core module dealing with real and imaginary travel in and across literatures. We reflect on similarities and differences between the use of the journey trope in texts of varying genres and time periods. This forms the basis for discussion of matters of identity, nationalism, ethics and border-crossing.

In our other core module, *Good and Evil*, we read a range of literary texts in order to investigate moral principles and behaviour, notions of individual and collective identities, and the relationship between religion and literature. Authors studied may include Charles Baudelaire, Primo Levi and Vasily Grosman, and medieval texts such as *Beowulf* and *The Song of Roland*.

Honours – third and fourth years

(4 x 15-credit core modules required and 4 other 15-credit modules required over 2 years)

Honours includes compulsory modules – *Issues in Comparative Literature,* *The Literary Canon,* *Issues in Cultural Studies* and *Found in Translation* – to which you add optional modules, each based on at least three national literatures. Modules currently available, but subject to change (see Curriculum development page 7), include or cover aspects of:

- Autobiography and the Visual Arts
- Illness and Literature
- Classicism in European Literature
- Cultural Memory and Literature
- Performing Early-Modern Sexualities
- Literature and the Bible
- Folk and Fairy Tales
- Crossing the Mediterranean
- Great Works and their Adaptations: Proust’s Remembrance of Things Past

Typical class sizes and teaching information

First year: lectures 120 - 130, seminars 10 - 15
Second year: 70 - 80, seminars 10 - 15
Honours: 10 - 15

All modules are taught by a combination of traditional lectures and small discussion seminars.

Typical methods of assessment

At sub-honours, Comparative Literature modules are assessed by a balance of coursework and examination. Many Honours level modules are assessed entirely by coursework. Modules taken in other Schools will involve a mixture of assessment methods.

Study abroad

You may apply to the University’s *St Andrews Abroad* programme. See page 22.

If you decide to take Comparative Literature as part of a Joint Honours degree with a language, you have the option of applying to spend a year abroad after your second year of study. The School of Modern Languages makes final decisions on study abroad during the second year of study, when students apply for their preferred option.

Honours degrees With Integrated Year Abroad (WIYA) in countries in which French, German, Italian, Russian or Spanish are spoken involve residence there for the academic session between second and third years. In 2017-2018, language students taking a four-year degree may participate in Study Abroad as an Erasmus+ exchange student at one of our partner universities for all or part of their Junior Honours year (for arrangements for students of Arabic and Russian see subject entry).

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: [www.st-andrews.ac.uk/studyabroad](http://www.st-andrews.ac.uk/studyabroad)

Careers

Graduates in Comparative Literature can pursue rewarding careers in publishing, journalism, business and commerce, marketing, media, and the civil service. Employers value our graduates who are sensitive to diverse cultures and have excellent communication and analytical skills. Current students have secured internships in diverse industries, including IT development and the BBC. Graduates may also go into postgraduate study, either at St Andrews or to other universities. Some graduates will follow careers in teaching in a wide variety of school environments both at home and abroad.

Graduates of the School of Modern Languages have an extremely good record of employment after graduating.

See also page 46 for details of the University’s Careers Centre.
**Computer Science**

### Degree options in the Faculty of Science

**MSci (Integrated Masters degree)**
- Computer Science

**BSc (Joint Honours degrees)**
- Computer Science and one of:
  - Economics
  - Philosophy
  - Management
  - Management Science
  - Mathematics $^{\text{M}}$
  - Psychology
  - Statistics $^{\text{M}}$

**BSc (Single Honours degree)**
- Computer Science

$^{\text{M}}$ Requires A* in Mathematics at A-Level.
$^{\text{P}}$ Requires Physics and Mathematics – A at Higher, A at A-Level, HL6 at IB.

### Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here. Preference may be given to candidates offering strong science qualifications.

**First year entry** (see specific subject footnotes above)
- **SQA Highers:** AAAB including A in Mathematics and a Higher in Biology (or Human Biology), Chemistry, Computing Science or equivalent, Geography, Physics, or Psychology
- **GCE A-Levels:** AAA including Mathematics
- **International Baccalaureate Points:** 38 including a 6 in Mathematics at HL (if offered by your school) or SL (if HL not offered by your school)

**Second year entry** (see specific subject footnotes above)
- Direct entry to second year is available for well-qualified applicants. An accelerated programme with extra tutorial support enables a student to graduate with a BSc in three years, or an MSci in four years. Applicants should have some experience in computer programming and may be asked to demonstrate this. Please contact the School for more information.
- **SQA Highers:** AAAB including A in Mathematics and one of Biology (or Human Biology), Chemistry, Computing Science or equivalent, Geography, Physics $^{\text{P}}$, or Psychology. Plus AB at Advanced Higher in Mathematics and one of the Higher subjects above and evidence of previous programming experience
- **GCE A-Levels:** AAA including Mathematics and Biology, Chemistry, Computing Science or equivalent, Geography, Geology, Physics, or Psychology, and evidence of previous programming experience
- **International Baccalaureate Points:** 39 including a 6 in Mathematics at HL, and evidence of previous programming experience

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific Entrance requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
[www.st-andrews.ac.uk/study/international](http://www.st-andrews.ac.uk/study/international)

Do I need previous knowledge of this subject? – No.

**Computer Science (Gateway) entry**
- The Computer Science (Gateway) is an entry route targeted at applicants from Scotland who meet some or all of the University’s widening participation criteria and have the potential to do well at university. Typical asking rates are BBBB-AABB in SQA Highers. Please contact the School if you are interested in this entry route.

### Subject enquiries

E: admissions-cs@st-andrews.ac.uk
“The emphasis on practical work throughout the Computer Science degree, coupled with the ability to focus on areas of interest in Honours years, massively equips students to pursue a career in research or industry after graduating. The approachable and knowledgeable staff are always willing to help, and there is a close-knit community fostered by the Computing Society and the shared labs. This homely environment combined with the world-class academics and research-led teaching means choosing St Andrews was the best decision for me.”

Aniqa (Dundee, Scotland)

### Why study Computer Science here?

- Our student:staff ratio is excellent at 11.8:1 (as of 2016-2017).
- Overall satisfaction in Computer Science at 97% in the National Student Survey of 2016.
- In contrast to many ‘leading research universities’, almost all of our lecturers, readers and professors teach and tutor undergraduates every year.
- Students are actively involved in research, through internships and project modules, and often publish in major international conferences.
- Many students spend summers as interns within companies including Adobe, Facebook and Google.
- Students are on first-name terms with staff, through small tutorial groups and labs.
- The student-run STACS Computing Society (STACS) offers a very active social group for students interested in computer science. The STACS Facebook page (@STACCompSoc) records many of the group’s recent activities, such as sponsored hackathons and pub quizzes, as well as ‘Teach me X’ workshops.
- In addition to STACS events the School organises regular social events, including the Honours Reading Party in the Highlands, School BBQs and pizza and gaming sessions.
- Students often win Scottish, UK and international awards for their coursework such as the TARGET IT and Computer Science Undergraduate of the Year Award.
- World-leading research in human-computer interaction, artificial intelligence, cloud computing and more, is embedded into our teaching at all levels.

### Facilities and resources

Practical and small-group teaching takes place within the two Computer Science buildings, with larger lectures in dedicated facilities in adjacent science buildings. You will have 24-hour access to our laboratories (including kitchen facilities), which were refurbished in 2014 and 2016 and are filled with up-to-date Mac, Linux and Windows-based computers.

### BSc or MSci?

If you wish to study even more advanced topics in Computer Science, then the MSci (Honours) in Computer Science may be for you. This Integrated Masters degree takes place over five years, with an option for direct entry into the second year. Qualified students can therefore graduate with a Masters degree in four years. The first three years of the MSci are shared with the BSc programmes. In the final two years, you can choose among modules at 4000- and 5000- (Masters) level, enabling both breadth and depth across the discipline. The final year is spent taking 5000-level modules as well as an advanced project. This may take the form of a project within the School, an industrial placement or a research internship, enabling MSci students to build skills that are useful for both academic and industrial careers.

### What will I study?

The University of St Andrews is a world-class learning community in which top-level research influences educational design and practice, and all programmes are reviewed and updated on a regular basis. We are currently reviewing and modernising the undergraduate curriculum in the School of Computer Science. The information below is an example of what the curriculum covered in 2016-2017. When the curriculum has been approved, full details will be available online under Subject information – 2018 entry: www.st-andrews.ac.uk/study/ug/prospectus

The School offers single-subject BSc and MSci Honours degrees in Computer Science, plus a range of BSc Joint Honours degrees with other subjects. Our Honours degree programmes are designed to ground you in both the theory and practice of computer science. You will learn how to think and solve problems logically (“computational thinking”), understand the fundamental principles of how computing systems work, and be exposed to significant new technologies. In the first two years you will learn the basic concepts behind computer science and several different programming languages, and thanks to our flexible degree structure have the opportunity to study modules in other subjects. In two (or three) Honours years you will learn about advanced and cutting-edge topics at the frontier of our subject. A flexible degree structure means that it is possible to change your degree direction during the first two years, while direct second year entry is also possible to any of our BSc or MSci Honours degree programmes. Student satisfaction with our degree offerings is very high.

Computer Science at St Andrews allows you to study in a friendly and intimate environment. Our excellent staff:student ratio and small group teaching will put you on a first-name basis with internationally-renowned researchers and teachers. Ongoing research projects include GAP, a widely-used free software package for applying computers to research problems in pure mathematics. The Human-Computer Interaction group’s work in gesture-based interactions and fonts for representing data, have received much press interest in publications such as New Scientist and Wired. The constraint solver Minion, developed at St Andrews, has been used for applications as diverse as parsing the Sanskrit language, debugging programs, scheduling protein assay equipment, and even for setting crosswords on the web. Research on Open Virtual Worlds has included virtual reconstructions of St Andrews Cathedral, Linlithgow Palace and the Acropolis Basilica in Sparta, which have been used for education and research. This world-class research is applied to teaching at all levels, for example, in Junior Honours projects on sensor networks, Senior Honours projects on natural language processing or constraint programming, or even second-year programming exercises on analysing Twitter datasets from the London Olympics.
The labs feature dual-screen PCs, as requested by the students, for ease of programming.

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**Computer Science (continued)**

**First two years of Computer Science**

<table>
<thead>
<tr>
<th>First year</th>
<th>Second year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
</tr>
<tr>
<td>CS1002 Object-Oriented Programming (core)</td>
<td>CS2001 Foundations of Computation (or CS2101 Foundations of Computation (Accelerated) for second-year entrants)</td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
</tr>
<tr>
<td>CS1003 Programming with Data (core)</td>
<td>CS2002 Computer Systems (core)</td>
</tr>
<tr>
<td>CS1005 Computer Science in Everyday Life or a 20-credit module in another subject</td>
<td>CS2003 The Internet and the Web: Concepts and Programming or a 30-credit module in another subject</td>
</tr>
<tr>
<td>CS1006 Programming Projects or a 20-credit module in another subject</td>
<td>CS2006 Advanced Programming Projects or a 30-credit module in another subject</td>
</tr>
</tbody>
</table>

**Computer Science element of your Honours degree**

**First year (2 x 20-credit modules required)**
First year computer scientists take two compulsory modules: Object-Oriented Programming (CS1002), which introduces the basics of programming and object-orientation in the Java language, and Programming with Data (CS1003), which introduces programming for processing data. We also offer two optional 20-credit modules: Computer Science in Everyday Life (CS1005), which provide a broad introduction to computer science issues in a variety of areas ranging from digital cameras to cloud computing, and Programming Projects (CS1006) which gives the opportunity to build sophisticated programs including games and some basic artificial intelligence.

**Second year (2 x 30-credit modules required)**
Second year has four modules each of 30 credits:
- CS2001 Foundations of Computation (or CS2101 Foundations of Computation (Accelerated) for second-year entrants)
- CS2002 Computer Systems (core)
- CS2003 The Internet and the Web: Concepts and Programming or a 30-credit module in another subject
- CS2006 Advanced Programming Projects or a 30-credit module in another subject

**Honours (third, fourth and optionally fifth years)**
The Honours degree programmes are designed with the following aims:

- To provide you with a thorough grounding in the theoretical and practical principles of computer science and to show how computing techniques can be used to analyse problems.
- To provide you with in-depth knowledge of computer science, as well as equipping you with a range of transferable skills.
- To encourage you to explore rigorously the core principles of the subject and to give you an understanding of its intellectual frontiers.

In the two years of the BSc Honours programme, you can choose from a wide range of options. As of the academic year 2016-2017 these include:

- Artificial Intelligence
- Component Technology
- Computational Complexity
- Computer Architecture
- Computer Graphics
- Computer Security
- Concurrency and Multi-Core Architectures
- Constraint Programming
- Data Communications and Networks
- Data Encoding
- Databases
- Distributed Systems
- Human Computer Interaction
- Logic and Software Verification
- Operating Systems
- Programming Language Design and Implementation
- Video Games

**Please note** – the availability of all modules mentioned above is subject to change according to staff availability or curriculum review (see Curriculum development page 7).
Study abroad
You may apply to study abroad under the University’s St Andrews Abroad programme. See page 22.

Careers
All of our degrees allow graduates to enter into technical, academic, financial or commercial posts at both national and international levels. Employers regard our Computer Science graduates as technically and intellectually capable. A number of employers visit us on a regular basis, including Amazon, Apple, BT, Google, IBM, Skyscanner and Sword Ciboodle. Other recent employers include Accenture, Adobe, CloudSoft, Deloitte, Sky, Dresdner Kleinwort, KPMG, RBS, Thomson Reuters, Logica, Wolfson MicroElectronics, Metaswitch Networks and the Ministry of Defence.

Many of our students enter postgraduate study here at St Andrews (a St Andrews Recent Graduate Discount is available) and at other universities in the UK and abroad, while others enter careers in teaching. Several of our students have also started their own companies. You can follow the activities of our staff, students and alumni using our Twitter lists: @StAndrewsCS/lists
See also page 46 for details of the University’s Careers Centre.

Projects
In the Junior Honours year, you undertake a 30-credit team project, with the whole class divided into small co-operating teams. In Senior Honours, BSc Single Honours students undertake a 30-credit (30 or 15 credits for Joint Honours students) individual project with a member of staff, based on personal or research interests. The MSci year involves an entire semester dedicated to an advanced individual 60-credit project, which may be taken in the School or optionally in industry. Individual projects are of a very high standard, often winning prizes, for instance the International Undergraduates Awards in 2015, and the Lockheed Martin Software Engineering Award in both 2014 and 2015.

Reading Party
All Honours students attend a Reading Party in their Junior Honours year. This typically takes place in a large country house in the Highlands, where you and the rest of the Honours class spend three days giving presentations, taking part in outdoor and indoor activities, and generally socialising with other students and staff.

Internships
As an Honours student you may choose to spend one, two, or even three, of your summers in an internship. These may be in the UK, Europe, the US or beyond. In the summers of 2013 to 2016, our students could be found at internships with Accenture, Adobe, AIG, Credit Suisse, Facebook, Google, J P Morgan, McLaren, Palantir, PlanForCloud, Skyscanner, Thales and elsewhere. The School and the University also offer various paid research internships whereby a student can work closely with a research group for eight to ten weeks.

Typical class sizes and teaching information
First year: lectures 72 - 170, labs up to 100, tutorials 6 - 7
Second year: lectures 70 - 104, labs up to 100, tutorials 6 - 7
Honours: lectures, labs and tutorials 9 - 69

We use a wide variety of teaching methods in addition to traditional lectures, with an emphasis on personal and small group teaching. The majority of our students graduate attaining a First Class or Upper Second Class Honours degree.

Typical methods of assessment
Most modules in the School are assessed by at least 40% coursework (with the balance of assessment in the form of written examinations). Project modules are assessed entirely by coursework.

“The School of Computer Science is open and friendly. Its relatively small size enables the students to have close contact with staff members and be treated as an individual. The programme is very flexible, allowing each student to focus on areas they find most interesting. It’s a great place to study and socialise, with the lab open 24 hours.”

Paula (Gdansk, Poland)
Divinity – Theology (MTheol), Theological Studies (MA), Biblical Studies (MA), Bachelor of Divinity (BD)

Degree options in the Faculties of Arts and Divinity

MTheol (Single Honours degree)
With options for specialising in subjects such as:
New Testament, Old Testament, Theology, Practical Theology, Church History, or a combination of these.

MA (Single Honours degrees)
Biblical Studies
Theological Studies

MA (Joint Honours degrees)
See the possible degree combinations under the degree descriptions, below.

BD (Single Honours degree)
Normally three years, available only to those with a previous degree with direct entry into second year of study (see page 85).
With options for specialising in subjects such as:
New Testament, Old Testament, Theology, Practical Theology, Church History, or a combination of these.

MA (Joint Honours degrees)
Biblical Studies and one of:
Ancient History
Art History
Classical Studies
Comparative Literature
Economics
Hebrew and one of:
Arabic
Art History
Biblical Studies
Comparative Literature
New Testament and Modern History

Theological Studies and one of:
Classical Studies
English
Film Studies
French
German
German (Ancient)
Greek
Greek (Ancient)

International Relations
Mathematics
Medieval History
Modern History
Philosophy

E
Requires English – Higher or A-Level or HL6 at IB.
F+
Requires French – A at Higher or A at A-Level or HL6 at IB.
G
German-Biblical Studies combinations are only available to non-beginners in German.
H+
Requires History – Higher or A-Level or HL6 at IB.
M+
Requires Mathematics – A at Higher or A* at A-Level or HL6 at IB.
W
Available With Integrated Year Abroad – see Modern Languages.

Likely grades considered for an offer
We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AAAB (see specific subject footnotes above)
GCE A-Levels: AAA (see specific subject footnotes above)
International Baccalaureate Points: 36 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.
For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – No.

Subject enquiries
Undergraduate Recruitment and Admissions Officer,
School of Divinity
E: divinity@st-andrews.ac.uk

Why study Divinity here?

* The only Scottish university which focuses principally on Christianity and the Judeo-Christian tradition.
* The School was ranked top in the UK for student satisfaction in its subject area, according to the National Student Survey 2016. It is also one of the highest ranked Schools in the subject of Theology and Religious Studies in the UK.
* Study with academic staff who are internationally acknowledged as experts in their field and who produce world-leading research.
* The opportunity to study Biblical languages in depth – Hebrew, Greek and Aramaic.
* Integrated programmes that combine foundational courses with flexibility of choice.
* Small-group work that is built into the style of learning.
* A closely-knit community that provides a supportive context in which to engage in stimulating theological explorations.
* The opportunity to undertake a placement in a local secondary or primary school.

Students in the School of Divinity (also known as St Mary’s College) come from diverse backgrounds and with very different goals in mind. While some wish simply to explore questions of worldview and consider the shape of religious belief and practice in our society, others wish to explore and expand their
faith commitments. A mixture of pre-suppositions, outlooks and interests amongst both students and staff fosters lively debate, enables you to gain respect for others and helps you understand their views. Whatever perspective you come from these programmes are guaranteed to encourage deep intellectual reflection upon prior assumptions and upon theology’s engagement with culture.

Which programme is for you?
The MTheol, our most popular degree, is the best choice if you want to focus your university career on topics directly related to theological and biblical studies. If you want a wider range of options across arts subjects, but still want to give most of your attention to divinity, then either the MA (Biblical Studies) or the MA (Theological Studies) is the degree for you. Should you have academic interests that straddle both divinity and another subject area then one of the Joint Honours options would suit you best. If you already have an undergraduate degree then the shorter BD degree, with its focus on theological and biblical studies would be ideal, especially if you are considering service within a Christian denomination.

Location and resources
The School of Divinity is located in St Mary’s College, one of the oldest and most historic parts of the University, where theology has been taught for over 500 years. Today, teaching happens in seminar rooms and lecture theatres equipped with the latest technology in St Mary’s College and around the University. The Divinity Library is housed in the historic King James Library and students have their own common room in the former Principal’s House.

Typical class sizes and teaching information
First year: lectures 10 - 100, tutorials 10 - 15
Second year: lectures 10 - 50, tutorials 10 - 15
Honours: classes 5 - 35 , seminars 5 - 15

Teaching in first and second year is mainly by lectures, supplemented by regular small-group tutorials. At Honours level greater emphasis is put on individual study and on students taking a major role in preparing for, and conducting, seminars.

Typical methods of assessment
All our 1000- and 2000-level modules are assessed by at least 50% coursework, with the balance of assessment made up by written examinations. At Honours level at least 50% assessed work is coursework, with some modules including no exam element at all, depending on the subject area.

Dissertation
In the final year you write a dissertation on a topic of your choice under the personal supervision of a member of staff. The Scottish four-year Honours programme allows extra freedom to arrange your final two years to develop broad interdisciplinary interests and to achieve a greater depth of understanding in your chosen subjects.

Bursaries and prizes
A number of bursaries are made available each year to students within the Faculty of Divinity. The awards are competitive, and the primary consideration is academic merit. A number of undergraduate prizes are also awarded at the end of each academic year for outstanding coursework.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

In the academic year 2017-2018, students in the School of Divinity may participate in Study Abroad for either one or two semesters at the University of Leiden as part of our Erasmus+ exchange.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers
Grades from the theological and biblical disciplines develop key transferable skills in critical thinking and in written and oral communication, which make them highly attractive to potential employers. Accordingly, employment prospects are usually wide ranging. A group of recent graduates from the School of Divinity includes a quality improvement officer with an English local council, a nursery nurse, an administrator with the Financial Services Agency (FAS), an officer in the accounts department of Nexus Communication, a policy officer with the Scottish Executive, a teacher, a trainee accountant with KPMG, an assistant minister with the Church of Scotland and a Youth Pastor with the Free Church of Scotland.

Previous graduates have become lawyers, corporate bankers, marketing managers, social workers, language therapists, even wine tasters, as well as vicars, chaplains and school teachers. Graduate-level employers have included the BBC, Royal Bank of Scotland, IBM, The Body Shop, Bristol-Myers Squibb Pharmaceuticals and Standard Life Assurance. Many graduates also go on to do further study.

See also page 46 for details of the University’s Careers Centre.

More information on the structure and details of the degrees offered within the School of Divinity can be found on the following pages.
Second year (3 x 20-credit core modules and 1 further 20-credit module in Divinity required)
You take at least three core subjects on to second year by choosing from:
- Old Testament 2: Wisdom, Psalms, Apocalyptic and Apocryphal Literature
- Christian Thought and Practice 1
- The Early and Mediaeval Church: History, Beliefs and Practices
You choose one further module from an approved list of options that includes Divinity modules (e.g. New Testament Greek 2 or Hebrew 1: Introduction to the Hebrew Language) and modules taught in cognate subjects such as philosophy or history. Your two remaining modules may be chosen from the approved list, or from among the modules offered by another School in the Faculty of Arts or the Faculty of Science. This gives you an opportunity either to consolidate your Divinity interests or to develop interdisciplinary ones. Please note that we encourage people to take New Testament Greek and/or Hebrew but that neither language is required for the MTheol.

The 2000-level module in Church History focuses on the Early and Mediaeval Church and its theology and practice.

Honours MTheol – third and fourth years
In third year, you will complete two reading-centred modules (15 credits each) intended to bring you into close contact with the primary texts of Christian theology and biblical studies, providing transition from the broader thematic study of subjects at sub-honsours level to the more detailed analysis of texts and traditions typical of Honours level work. Your remaining modules may be chosen from among Divinity Honours modules or from among those offered by another School in the Faculty of Arts or the Faculty of Science.

In fourth year, you choose three further modules and a one-semester dissertation (30 credits), under the direction of a member of staff. The School provides significant support for the dissertation, with a programme of seminars to assist in the development of advanced research and communication skills.

“I originally visited St Andrews intending to study English – but the Divinity sample lecture alone was enough to make me switch to the Master of Theology. The passion and dedication of the teachers in the School is utterly infectious. Our community is incredible, and the knowledge, skills, and friendships I have gained here have changed my life.”

Kieran (Stoke-on-Trent, Staffordshire, England)
In your second year, you also take two core modules:

- Arts or Faculty of Science.

by taking a module offered by another School in the Faculty of Divinity. Alternatively, you may pursue broader interests Further credits may be chosen from additional modules offered...

Divinity – Theological Studies

Degree options in the Faculty of Arts

MA (Single Honours degree)
Theological Studies

MA (Joint Honours degrees)
Theological Studies and one of:

- Classical Studies
- English
- Film Studies
- French
- Geography
- German
- Mathematics
- Mediaeval History
- Modern History
- Philosophy
- Psychology
- Russian
- Social Anthropology
- Spanish

E+ Requires English – Higher or A-Level or HL6 at IB.
F+ Requires French – A at Higher or A at A-Level or HL6 at IB.
H+ Requires History – Higher or A-Level or HL6 at IB.
M+ Requires Mathematics – A at Higher or A* at A-Level or HL6 at IB.
W Available With Integrated Year Abroad – see Modern Languages.

For likely grades – see page 80

What will I study?

Theological Studies combines two distinct but closely related fields of study: Theology and Practical Theology.

Modules in Theology provide introductions to the rich theological traditions of Christianity, covering the history of Christian theology from the early church to the modern world, and considering key topics (God, salvation, Jesus Christ, Trinity, creation) in relation to the contexts in which they emerged and developed. They also consider some of the distinctive challenges to faith presented by modern secular culture (neo-Darwinian evolutionary theory, atheistic existentialism, the role of religion in the modern world, poverty, and post-modern ‘deconstructionism’).

Modules in Practical Theology explore ways in which Christianity is being expressed and lived out today. They include the study of worship, spirituality and the development of the discipline of Practical Theology in the UK and internationally. Other modules address liturgy, and social and political engagement in Latin America and Africa. Topics of ethical concern across contemporary cultures are also explored (e.g. abortion, economic justice, sexuality and technology).

Theological Studies element of your Honours degree

First and second years

(4 x 20-credit modules required over the 2 years)

In your first year you take two core modules:

- **Theology: Issues and History** (systematic theology and philosophy of religion)
- **Living Faith** (practical theology)

Further credits may be chosen from additional modules offered within Divinity. Alternatively, you may pursue broader interests by taking a module offered by another School in the Faculty of Arts or Faculty of Science.

In your second year, you also take two core modules:

- **Christian Thought and Practice**
- **The Early and Mediaeval Church: History, Beliefs and Practices**

“I have been able to explore the areas of history I am deeply interested in, as well as developing my skills of critique, exegesis and analysis. The atmosphere is one that is open, friendly, and intellectually stimulating, allowing you to grow as a person.”

Lucy (Manchester, England)

You may choose other modules from an approved list of options in Divinity and you have the opportunity to take modules in subjects outside Divinity. This gives you an opportunity to explore cognate subjects (such as philosophy or modern history) that allow interdisciplinary interests to develop. Within Divinity, Biblical Greek or Hebrew are additional options in the second year of study, but neither is a requirement for this degree programme. The 2000-level module in Church History focuses on the Early and Mediaeval Church.

Single Honours – third and fourth years

(4 x 15-credit core taught modules, 1 x 30-credit dissertation, and 4 further 30-credit modules required over 2 years)

You choose four out of five core 15-credit modules, which are designed to bring students into contact with the primary texts of Christian theology. This will allow transition to the detailed engagement with theological writing involved in Honours study. These modules run through the first and second semester of third year and you choose two further 30-credit modules to take alongside these.

In fourth year, you choose two further modules and a one-semester dissertation, under the direction of a member of staff. The School provides significant support for the dissertation, with a breakdown of the assessment into different stages (e.g. a bibliography and a methodology paper) and a programme of seminars to assist in the development of advanced research and communication skills.

Joint Honours

Combining Theological Studies with another subject as a Joint Honours degree is also a popular option. In the first and second years you follow the same core modules in Theological Studies as Single Honours students. You choose your remaining modules according to the requirements of your other Honours subject.

Joint Honours includes the Semester 1 core modules (*Reading in Patristic Theology* and *Reading in Mediaeval Theology*) in third year, along with a further 30-credit module in Biblical Studies. In fourth year, you take a further 60 credits in Biblical Studies, either by completing the 30-credit dissertation on a topic of your choice or by taking a further two 30-credit modules. A dissertation must be completed in the final year, but this may be undertaken in either of the Schools involved in the joint programme.
What will I study?

Biblical Studies combines two major fields of study: Old Testament (or the Scriptures of Judaism) and New Testament.

The Old Testament modules focus on the history, religion and culture of Israel, and incorporate a wide range of texts from prophetic, hymnic, wisdom and apocalyptic literature. The New Testament modules focus on Jesus and the Gospels, Paul’s letters and the rest of the New Testament writings in the context of the history and theology of early Christianity. These courses of study are designed to introduce you to the complexities and wonders of reading biblical texts: contexts, content, methods and hermeneutics (a reading of ancient texts in a modern world). In addition, you will choose a biblical language to study – either Hebrew or Greek – which will provide a basis for Honours level exegesis courses.

Biblical Studies provides an opportunity to explore in depth the profound influence that the Jewish and Christian Scriptures have had on Western civilisation. This can be done either by devoting the entire Honours programme to Biblical Studies or by taking a Joint Honours programme which combines Biblical Studies with another approved subject in the Faculty of Arts. For example, the Joint Honours combination with Ancient History allows you to study the wider context of the ancient world in which the New Testament texts were written.

The combination with English opens the door to discovering how biblical ideas and themes have found their way into so much of the literature of the English-speaking world.

Biblical Studies element of your Honours degree

First year (2 x 20-credit modules required)
You take two core modules:

- **Old Testament 1: Torah and Prophets**
- **New Testament 1: Jesus and the Gospels**

And either Hebrew 1: Introduction to Hebrew Language or New Testament Greek 1.

Further credits may then be chosen from additional modules offered within Divinity. Alternatively, you may pursue broader interests by taking a module offered by another School in the Faculty of Arts or Faculty of Science.

Second year (2 x 20-credit modules required)
Core modules:

- **Old Testament 2: Wisdom, Psalms, Apocalyptic and Apocryphal Literature**
- **New Testament 2: Paul and the Epistles**

And follow on with your Biblical language with Hebrew 2 or New Testament Greek 2.

You may choose other modules from an approved list of options in Divinity, and also have the opportunity to take modules in subjects outside Divinity.

“Studying Theology and Biblical Studies has taught me how to think and how to articulate my thoughts. More importantly, I’ve learnt to respect those who have different opinions to me, and to understand their arguments better. I have loved having the chance to learn Biblical languages under really superb lecturers. Also, it’s a real privilege to study in the King James Library and have lectures in St Mary’s College.”

Joel (Cheddar, Somerset, England)
“I had no idea what to expect when I began Divinity, and had just taken it as an extra module. I was met with an engaging class with lectures that were informative and entertaining, and tutorials that stimulated discussion and (pardon the pun) revelation. I’ve been won over, and look forward to continuing Divinity next term.”

Tori (Kuala Lumpur, Malaysia)

Single Honours – third and fourth years
(4 x 15-credit core taught modules, 1x 30-credit dissertation, and 4 further 30-credit modules required over 2 years)
You choose four out of five core 15-credit modules on advanced exegesis and hermeneutics, allowing transition to the detailed analytical study involved in Honours study. These modules run through the first and second semester of third year and you choose two further 30-credit modules to take alongside these.

In fourth year you choose two further modules and a one-semester dissertation, under the direction of a member of staff. The School provides significant support for the dissertation, with a breakdown of the assessment into different stages (e.g. a bibliography and a methodology paper) and a programme of seminars to assist in the development of advanced research and communication skills.

Joint Honours
Combining Biblical Studies with another subject as a Joint Honours degree is also a popular option. In the first and second years you follow the same core modules in Biblical Studies as single Honours students. You choose your remaining modules according to the requirements of your other Honours subject.

Joint Honours includes the Semester 1 core modules (Reading in the Old Testament/Hebrew Bible and Reading in the New Testament) in third year, along with a further 30-credit module in Biblical Studies. In fourth year, you take a further 60 credits in Biblical Studies, either by completing the 30-credit dissertation on a topic of your choice and another module or by taking a further two 30-credit modules. A dissertation must be completed in the final year, but this may be undertaken in either of the Schools involved in the joint programme.
Earth Sciences –
Environmental Earth Sciences, Geology

Degree options in the Faculty of Science

MGeol (Integrated Masters degree)
Earth Sciences

BSc (Single Honours degrees)
Environmental Earth Sciences
Geology

BSc (Joint Honours degrees)
Geology and one of:
Biology B+
Chemistry C+

B+ Requires Biology (or Human Biology) – Higher or A-Level or HL6 at IB and one other science from Chemistry, Mathematics or Physics.

C+ Requires Chemistry – A at Higher or A at A-Level or HL6 at IB, and a Higher in Biology (or Human Biology), Computing Science or equivalent, Geography, Mathematics, Physics, or Psychology.

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

First year entry
SQA Highers and GCE A-Levels should include at least two sciences from Biology (or Human Biology), Chemistry, Geography, Geochemistry, Mathematics or Physics.

SQA Highers: AAAB (see specific subject footnotes above)
GCE A-Levels: AAB (see specific subject footnotes above)
International Baccalaureate Points: 36 including at least 2 HL6 in Biology, Chemistry, Computing Science or equivalent, Geography, Geology, Mathematics, Physics, or Psychology
Preference may be given to candidates with strong science qualifications.

Second year entry
SQA Advanced Highers/Highers and GCE A-Levels should include Geology plus two sciences from Biology, Chemistry, Geography, Mathematics and Physics.

SQA Advanced Highers: AA and AA in two other Highers
GCE A-Levels: AAA
International Baccalaureate Points: 38 including at least 3 at HL7, HL6, HL6 from the following subjects: Biology, Chemistry, Geography, Physics

For full Faculty entrance requirements, see page 53.
For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject?
– Preferable for direct entry into second year

Subject enquiries

Dr Rob Wilson
E: earthsci@st-andrews.ac.uk

Why study Earth Sciences here?

* Our programmes are ranked first for student satisfaction in the 2016 National Student Survey.
* Our programmes are ranked fourth in the UK by the Guardian University Guide and the Times and Sunday Times University Guides, respectively for 2017.
* We specifically focus on skills and vocational training, emphasising fieldwork experience in diverse geological settings within the UK and overseas. Our programmes offer more field days than any other equivalent degree in the UK.
* The MGeol degree can include a three-month industry placement.
* The Geology and Environmental Earth Sciences degrees are accredited by the Geological Society of London and the Institution of Environmental Sciences, respectively. Accreditation is a benchmark of quality and employability, a professional recognition that our teaching is of the highest standard. Both accredited degrees provide a faster track to chartered status.
* Industry professionals are involved in teaching within some of the Honours modules.
* There is an active student-led Geological Society which co-ordinates social events and academic events.
* A number of industry-sponsored bursaries and scholarships are available each year.

Facilities and resources

The University has recently invested in several new state-of-the-art laboratory facilities for Earth and environmental science research for the high precision geochemical and isotopic analysis of minerals, rocks, soils, and fluids. You will receive hands-on training on these analytical facilities and undergraduate experimental and analytical research is encouraged.

Additional compulsory costs

Field kit, such as compasses, are provided for all entering students through industry sponsorship and about 50% of all field training costs are paid for through alumni contributions to our training programme. Students will need to pay ~£1,500 over a four-year degree; this is ~50% of the total cost.

Return to Subjects
“A very close-knit School, a high quality of teaching and amazing fieldwork opportunities make St Andrews a fantastic place to study Earth Sciences. Students get to know staff on a personal level, due to field trips and the general ethos of the School, and this, along with the strong support network it creates, makes this degree different to most. You will quickly become a proud member of an exciting and cutting-edge School.”

Michael (Egremont, Cumbria, England)

**What will I study?**

The Geology degree provides the training to understand how the lithosphere, hydrosphere, biosphere and atmosphere co-evolved. It emphasises the origin and chemistry of rocks and minerals, geological mapping and the genesis of hallmark periods of change in the development of the Earth system. The Environmental Earth Sciences degree focuses on Earth surface processes, the biogeochemical cycling of elements at the surface of the Earth, and environmental change. The MGeol in Earth Sciences is an Integrated Masters degree that combines subject knowledge across the Earth and environmental sciences and includes the opportunity for an internship with industry, an extended research project, and a major fieldwork expedition.

**MGeol or BSc?**

The MGeol degree is designed to give you advanced experience prior to undertaking full-time employment or PhD research. MGeol students normally have a formal industrial placement and take part in a geological expedition. Some sectors do not require a Masters-level degree and therefore any student can choose to graduate with a BSc degree.

**Earth Sciences element of your Honours degree**

The first two years of study for any degree are spent completing the core training in Earth Sciences and accompanying subjects.

**First year (2 x 20 credit modules required)**

The Earth Sciences modules provide the underpinning concepts and fundamental aspects of Earth structure and Earth history, including the key ideas regarding the origin of the planet and its biosphere, as well as Earth materials and resources. There are several field excursions, including the five-day residential “Highland Fling” field course to classic Scottish geological localities, all of which are designed to reinforce and enhance the learning obtained in the lectures and laboratory practicals. The geological background to natural resources is a core theme of the excursion.

**Second year (3 x 30 credit modules required)**

All students take a core Earth Sciences module in Semester 1 which provides basic knowledge and training in low temperature mineralogy, sedimentary systems, palaeontology, and geophysics. In Semester 2 all students take both Geology (Dynamic Earth) and Environmental Earth Sciences (Earth Surface Processes) modules to ensure a wide knowledge base and integrated skills set before entering the Honours programme. There is a major emphasis on field training in second year through several day-long excursions in Scotland and a residential course. All students undertake an eight-day geological mapping excursion in Spain, the BSc Environmental Earth Sciences students complete a five-day excursion on the geochemistry and mineralogy of acid-mine drainage in the Rio Tinto region in southern Spain. The aims of the field courses are to develop the key skills required to observe, measure and interpret geological and geochemical data, as well as to build confidence, and encourage critical and independent thinking.

After completion of second year, you decide on your final degree choice (e.g. MGeol or BSc) and enter the Honours class.

**Honours – third, fourth and fifth years**

(7 - 8 x 15-credit core modules required in third year and at least 2 - 3 other 15-credit modules required over two years)

Study at Honours level is composed of core training and optional modules in which you have the opportunity to focus on a particular area of interest and undertake your own research. The modules involve key skills training and the opportunity to get first-hand experience of new research discoveries and advances in Earth and Environmental Sciences by our staff in an integrated lecture-lab-field forum. Some selected examples of core modules are provided in the table below. Other modules that are either core or optional courses, depending on the degree programme, include Geodynamics, Geochronology, Global Climate Change, Petroleum Exploration and Geophysics, Water in the Environment, Physical Oceanography, Metallogeny and Isotope Geochemistry.

<table>
<thead>
<tr>
<th>Some of the core modules taken in Honours years</th>
<th>All degree programmes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geological Mapping</td>
<td>All degree programmes</td>
</tr>
<tr>
<td>Advanced Environmental Field Methods</td>
<td>BSc Environmental Earth Sciences</td>
</tr>
<tr>
<td>Geochemistry</td>
<td>All degree programmes</td>
</tr>
<tr>
<td>Igneous and Metamorphic Petrology</td>
<td>BSc Geology, MGeol</td>
</tr>
<tr>
<td>Global Biogeochemical Cycles</td>
<td>BSc Environmental Earth Sciences</td>
</tr>
<tr>
<td>Processes and Products in Sedimentary Systems</td>
<td>All degree programmes</td>
</tr>
<tr>
<td>Structural Geology and Tectonics</td>
<td>BSc Geology, MGeol</td>
</tr>
<tr>
<td>Analytical and Statistical Methods</td>
<td>All degree programmes</td>
</tr>
<tr>
<td>Research Dissertation</td>
<td>All degree programmes</td>
</tr>
<tr>
<td>Industry and Research Placements</td>
<td>MGeol</td>
</tr>
</tbody>
</table>

In-depth training occurs in the first Honours year and includes the statistical analysis and presentation of scientific data. Fourth and fifth years are dedicated to further developing critical thinking and problem-solving skills, and the opportunity to gain industry experience. The content of each year is dependent on degree choice (MGeol or BSc). Choosing the BSc degree pathways require an independent research dissertation, involving field and laboratory analyses and research presentations. MGeol students can apply for a three-month placement in industry and complete a field- or laboratory-based research project. The fifth year includes an extended independent research dissertation and a project-based geological overseas expedition to localities linked to staff research areas. Optional Honours modules are also on offer across a range of Earth science topics for the Honours years. The extensive field training combined with research and industry experience that our degrees offer produce graduates that successfully compete for industry jobs or the best PhD projects.
Earth Sciences
(continued)

Fieldwork
Our graduates are valued as independent and confident scientists in the field. This level of competence is developed through 14-day field excursions during third and fourth years, weekend and day-long field excursions associated with individual modules, and up to four weeks of fieldwork associated with the independent research projects. Two weeks of geological mapping are conducted in the NW Highlands during third year, providing intensive training on classic Scottish geology. The BSc Environmental Earth Sciences students complete a five-day excursion in second year in southern Spain. A two-week field course across the western Alps (Geology) and the central Pyrenees (Environmental Earth Sciences) at the beginning of fourth year are designed to integrate all the learning of the previous three years for all degree students. In total, students participate in at least 70 supervised field days over the length of the degree, and in most cases the amount of fieldwork is over 100 days with the research project component. See additional compulsory costs section on page 86.

Typical class sizes and teaching information
First year: lectures 80 - 110, tutorials 3 - 6
Second year: 40 - 50
Honours: 30 - 40

Teaching is based on semester-length modules and hands-on practical/laboratory training. Performance is measured through a mixture of continuous assessment and examinations. Our degrees balance skills training, incorporating a significant laboratory and/or field component, with subject-based modules that deepen and broaden theoretical knowledge. Many modules enhance problem-solving skills and involve professional Earth scientists from industry. Field courses are fully integrated with the degree programmes and have been conducted in Scotland, England, Spain and the Swiss-Italian Alps in recent years. The country and geological setting of the MGeol expeditions varies each year, and participating students are involved in choosing the location and planning the expedition.

Throughout each degree programme, you are encouraged and supported to develop literacy, numeracy, computing and presentation skills, as well as exercising critical, independent and creative thought and judgement.
Careers
The School is proactive about developing career opportunities, and career activities are provided for all students (from first year onwards). There are a wide variety of career options for Earth and Environmental Sciences graduates. Our graduates now work in the energy, natural resources and environmental sectors, as well as in wider science areas. Many students continue with research in PhD programmes before embarking on their professional careers. Our graduates are recognised internationally as being highly trained, independent thinkers with the appropriate skills required to problem solve in a variety of research or applied areas. For both BSc and MGeol graduates, recent employers include Chevron, Maersk Oil Ltd., BHP Billiton, BP, Shell, the British Geological Survey, Nexen Ltd., Norsk Hydro, Neftex, Red Rock Mining, African Mining Corporation, Fugro, Geotechnics Ltd., Axmin Inc., Scottish Natural Heritage, Scottish Environmental Protection Agency, Balfour Beatty, Mouchal and Jacobs.

See also page 46 for details of the University’s Careers Centre.

Typical methods of assessment
All our 1000- and 2000-level modules are assessed by coursework that includes a practical examination (50%) and a final written examination (50%) based on short answer questions and essays. At Honours level, some modules are assessed through coursework (50%) and a final examination (50%), and other modules are based entirely on coursework. The BSc Honours dissertation and MGeol Advanced Research modules are year-long courses that are assessed through the written dissertation, a project proposal and a presentation. The MGeol research paper is expected to be of publishable quality.

Scholarships and prizes
Fieldwork expenses for Geology or Environmental Earth Sciences degree students are subsidised by the Irvine Bequest and contributions from our alumni. There are financial awards at every level of study for students who have earned the highest marks in fieldwork.

Study abroad
You may apply to study abroad under the University’s St Andrews Abroad programme. See page 22.
Economics & Finance

Degree options in the Faculty of Science or Faculty of Arts

**BSc or MA (Single Honours degrees)**
- Economics BSc
- Financial Economics BSc

**BA (International Honours degree)**
- Economics (See page 20)

**BSc or MA (Joint Honours degrees)**

**Economics and one of:**
- Geography BSc
- Management BSc
- Mathematics M+

**MA (Joint Honours degrees)**

**Economics and one of:**
- Ancient History
- Arabic
- Biblical Studies
- English
- Film Studies
- German
- International Relations
- Italian
- Mediaeval History H+
- Modern History H+
- Persian
- Philosophy
- Russian
- Social Anthropology
- Spanish

**BSc (Joint Honours degrees)**

**Economics and one of:**
- Biology
- Computer Science CS
- Management Science BSc

**MA “with” degrees**

Honours in which the majority of the course deals with the first-named subject:
- Economics with German W
- Economics with Russian W
- Economics with Social Anthropology
- Economics with Spanish W

For BSc degrees – At least two Highers or one A-Level must include Biology (or Human Biology), Chemistry, Computing Science or equivalent, Geography, Geology Mathematics, Physics, or Psychology.

- Requires Biology (or Human Biology) – Higher or A-Level or HL6 at IB and one other science from Chemistry, Mathematics or Physics
- Requires Mathematics – A at Higher or A-Level or HL6 at IB.
- Requires English – Higher or A-Level or HL6 at IB.
- Requires History – Higher or A-Level or HL6 at IB.
- Requires Mathematics – A at Higher or A* at A-Level or HL6 at IB.
- For BSc degrees in addition to Mathematics, a Higher from Biology (or Human Biology), Chemistry, Computing Science or equivalent, Geography, Physics, or Psychology.

W Available With Integrated Year Abroad – see Modern Languages.

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

**SQA Highers:** AAAB (see specific subject footnotes above)
**GCE A-Levels:** AAA (see specific subject footnotes above)
**International Baccalaureate Points:** 38 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.
For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see: www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject?
- No, but mathematical ability is an advantage.

General enquiries

E: admissions@st-andrews.ac.uk

Why study Economics here?

- The School is committed to providing our students with an exciting and challenging curriculum, where flexibility and choice are key. This is underpinned by our recent overhaul of the undergraduate course, which has been warmly welcomed by our current students.
- We have a dynamic and cosmopolitan academic team with specialist strengths in macroeconomics, choice theory, bounded rationality, game theory, expectations and learning, financial economics, competition and innovation and climate change.
- You will be taught by staff doing world-leading research. In the 2014 Research Excellence Framework the quality of our research publications was ranked in the top ten.
- We help you develop your analytical and decision-making abilities by providing training in quantitative and model-based methods of analysis.
- All students receive expert one-to-one advice from academicians in making module choices. In third and fourth years you will also be allocated a personal tutor to guide and support you in your studies.
- Our programmes provide you with a wide range of transferable skills in preparation for further study or moving into a wide range of careers.
- Our students run an active Economics Society holding regular careers events, essay competitions and social occasions.
"The School of Economics & Finance and its accessible staff have prepared me for my future career with hands-on economic modelling, policy debate, and theory derivation. My time as Captain of the Boat Club and Student Representative increased the sense of community that this small town engenders in its incredibly driven and vibrant students."

Anthony (Guatemala City, Guatemala)

What will I study? – BSc or MA

Economics is studied up to Honours in both the Faculty of Science and the Faculty of Arts. Whether you study for a BSc or an MA depends on what entrance qualifications you have and which other subjects you wish to do. The programmes you follow for BSc and MA are exactly the same within the Economics element of your degree (for other BSc requirements see Cross-Faculty subjects on page 5). In the first two years all students follow the same core programme in economic principles. There are no special admission requirements for entry to the 1000-level modules.

1000-level modules provide the required general knowledge of Economics as well as introductory quantitative techniques. Study of the subject in the second year and especially in Honours equips you with a fuller understanding of economic relationships and with further techniques necessary for their analysis. In addition to compulsory modules, in Honours you select modules from a range of options on specific topics. These provide an analytical understanding of key aspects of incentives, behaviour and policy formation.

Economics & Finance element of your Honours degree

First year
Microeconomics is the study of how households and firms make decisions about consumption and production and how they interact in markets. Macroeconomics is the study of phenomena which affect the national economy, such as unemployment, growth and inflation.

In the first year you are introduced to the principles of microeconomics and macroeconomics, as well as simple mathematical techniques for economists. The modules provide a basic insight into the use of quantitative methods, an understanding of contemporary issues as well as the economic system in general.

Second year
More advanced study of consumers, firms and markets (microeconomics) and of models in modern macroeconomics is undertaken. Further quantitative methods provide you with training in the statistical techniques needed for economic analysis and in how to structure and make sense of economic, financial and social data.

Honours – third and fourth years
We offer a wide range of modules every year, for example:

- Econometrics
- Decision and Game Theory
- Economic Growth
- Experimental Economics
- Corporate Finance
- Health and Education
- Economics of Labour
- Economic History

and also modules, which may vary, for example:

- Macroeconomic Policy
- Inequality and Redistribution
- Behavioural Economics
- International Macroeconomics

If you wish to specialise in finance you can take modules in Portfolio Management, Asset Pricing and Corporate Finance, in order to graduate with a degree in Financial Economics. You also have the opportunity to undertake independent study and research in a dissertation. Further details of the degree structure and a list of current Honours modules are available here: www.st-andrews.ac.uk/coursecatalogue

Typical class sizes and teaching information

First year: lectures 320 - 360, tutorials 15 - 22
Second year: lectures 180 - 250, tutorials 15 - 20
Honours: lectures 10 - 140, tutorials 10 - 20

First and second year modules generally involve a series of lectures, laboratories and tutorials, the latter in smaller groups to facilitate effective interaction.

Single Honours students typically attend seven to eight lectures and one to two tutorials or labs each week. Joint Honours students typically attend three to four lectures a week and also have tutorials in most weeks.

Typical methods of assessment

Progress is monitored through tutorial assignments and assessment is by a combination of graded work and examinations. Almost all our modules are assessed by at least 50% written examinations, with the balance of assessment made up by coursework.

Study abroad

You may apply to study abroad under the University’s St Andrews Abroad programme. See page 22.

Careers

Popular career choices amongst recent graduates include:
investment, commercial and international banking, accountancy, consultancy, management in the industrial and commercial sectors, organisations such as the Bank of England and the World Bank, the Civil Service, university research and teaching, and the media.

You will find St Andrews Economics graduates at renowned financial institutions such as Accenture, Ernst & Young, JP Morgan, Barclays Capital, PriceWaterhouseCoopers, HSBC and Lloyds, to name but a few.

See also page 46 for details of the University’s Careers Centre.
English

Degree options in the Faculty of Arts

MA (Single Honours degree)
English

BA (International Honours degree)
English (See page 20)

MA (Joint Honours degrees)
English and one of:
Arabic
Art History
Biblical Studies
Classical Studies
Classics
Comparative Literature
Economics
Film Studies
French
German
Greek
Hebrew
Italian
Latin
Management
Mathematics
Mediaeval History
Middle East Studies
Modern History
Persian
Philosophy
Psychology
Russian
Scottish History
Social
Anthropology
Spanish
Theological Studies

English and two Modern Languages
Combinations are available in Arabic, French, German, Italian, Persian, Russian or Spanish. (5 Modern Language modules (150 credits) and 3 English modules (90 credits) at Honours). See page 130.

MA (Single Honours degree) Mediaeval Studies
This degree (in which English modules may be taken) is administered through the Department of Mediaeval History. See page 106.

Why study English here?

* In the UK Research Excellence Framework 2014, the School is rated top in Scotland and sixth in the UK.
* In our most recent teaching review, the curriculum was rated ‘broad, well balanced and notable for its generous range of options covering all periods of literary writing in English from Anglo-Saxon times to the present. Students benefit from engagement with enthusiastic, highly regarded research-active staff who are also dedicated to teaching and ensuring students have the best possible experience at St Andrews.
* Members of the School include winners of the Queen’s Gold Medal, the Whitbread Prize and the T S Eliot Prize for poetry, the Jerwood Fiction Prize, the Saltire Scottish Book of the Year Award, the Somerset Maugham Award, and a Commonwealth Writers Prize for fiction.
* Varied programme of published authors as visiting speakers, giving students the chance to discuss contemporary literature and criticism with leading modern writers.

What will I study?

St Andrews has a long and illustrious history of teaching literature in English. The School combines expertise in research with a dedication to teaching in a caring and friendly environment. Special research strengths include mediaeval language and literature, the Renaissance, the Romantic and Modern periods, Scottish literature, Creative Writing, and Women’s Writing. Studying English develops techniques that enable you to read with close attention and to consider the ideas, human values, and historical forces that have helped to form our literature. The opportunity to read, to discuss, and to reflect with clarity on a wide variety of texts develops analytical, descriptive, and evaluative skills. You learn to communicate more fluently, lucidly, economically, and persuasively. These skills are both intrinsically enriching and eminently transferable.

In your first and second years the modules in English will take up one third of your time. At Honours, in the third and fourth years, you can do all your work in English or, if you choose to take a Joint Honours degree, you can divide your time between English and another subject. In all four years you will be assessed partly on your coursework, submitted during the semester, and partly on your performance in examinations at the end of the semester. The emphasis in our first- and second-year modules is on introducing texts from the full range of English literary history and methods for interpreting them. At Honours you are able to make choices from the wide range of modules taught by specialists in the School, on subjects ranging from Beowulf to science fiction.

Subject enquiries

E: english@st-andrews.ac.uk

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers and GCE A-Levels must include English, English Language, English Literature or Drama.

SQA Highers: AAAB (see specific subject footnotes above)
GCE A-Levels: AAA (see specific subject footnotes above)
International Baccalaureate Points: 38 including HL6 in English (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject?
– Yes, see above.
“Having originally applied to read English Literature, the chance to take Philosophy modules at sub-honours ignited an interest in that subject and therefore I am now studying for a Joint Honours degree. I feel that the flexibility of the degree programmes, and the support for any difficulties you may have along the way, is what makes a degree at St Andrews unlike many others. Students are encouraged to embark on an independent journey of academic and self-discovery whilst having access to a network of academic, social and welfare support.”

Francesca (Tadworth, Surrey, England)

English element of your Honours degree
First year (2 x 20-credit modules required)
Culture and Conflict: An Introduction to Nineteenth- and Twentieth-Century Literature explores texts in prose and verse, ranging from Wuthering Heights and Dr Jekyll and Mr Hyde to contemporary Scottish writing. Emphasis is on practical criticism, close reading and the importance of literary/historical contexts.

Explorers and Revolutionaries: Literature 1680-1830 covers, among other works, Gulliver’s Travels, Frankenstein, Wordsworth and Coleridge’s ‘Lyrical Ballads’, and looks at travel, colonialism, the Gothic and the Romantic.

Second year (2 x 20-credit modules required)
Mediaeval and Renaissance Texts provides an introduction to the earliest literature in English and the language in which it is composed. The mediaeval element draws on editions prepared by scholars in the School of English, designed to make early texts readily accessible. The Renaissance element focuses on Donne’s Songs and Sonnets and Milton’s Paradise Lost.

The second year programme concludes with Drama: Reading and Performance, a module that concentrates on the special characteristics of drama as an art form that crosses the boundaries of written text and public performance. The module covers a wide range of plays from the Renaissance to the present, including figures like William Shakespeare, Oscar Wilde and Gregory Burke.

Honours – third and fourth years
There is an exciting range of some 40-45 modules from which to choose, and options may include Chaucer, Scottish Literature, Jane Austen, T S Eliot, Creative Writing, Shakespeare and Film, Beowulf and a wide variety of other topics and approaches to the study of literature written in English. Single Honours students normally take eight modules in the two Honours years. You must include at least one module on mediaeval literature, one module on early modern literature and one other module on eighteenth-century, Romantic or nineteenth-century literature. Joint Honours students normally take four modules in English (including one on pre-twentieth-century literature), and four in another subject. The dissertation, which is compulsory for Single Honours students, allows you to write an extended essay on a literary topic of your own choice.

Several other modules involve creative coursework which – as well as the traditional essay – may involve literary journalism (Literature and Ecology): writing a short play in its entirety (Playwriting); or the opportunity to try a bit of mediaeval forgery (Courtly Literature in Middle English). We aim to provide a range of topics and approaches that allow you to follow your own interests, whether towards specialising in particular authors or periods, or towards wide-ranging exploration in a variety of areas.

Typical class sizes and teaching information
First year: lectures – 240, tutorials – 5-9
Second year: lectures – 150, tutorials – 5-9
Honours: classes generally have no more than 20

Most modules at all levels are taught by a combination of whole-class lectures and small discussion groups, either tutorials or seminars. We aim to give all students in English the chance to discuss their work in tutorials or seminars, since we think that is the best way of teaching and learning. Prospective students should note that candidates who are allowed to write their exams on a computer are not permitted to use Spellcheck.

Typical methods of assessment
Almost all our modules are assessed by a balanced mixture of coursework and written examinations.

Extra-curricular events
The School of English also offers a lively and enriching programme of events open to undergraduate students, ranging from workshops, where creative writers meet to share their work and exchange ideas, to readings and discussions with leading poets, novelists, critics and scholars. Many students become involved in the Literary Society, student drama, or debating.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

In 2017-2018 Honours students in the School of English may participate in our Erasmus+ exchange with Trinity College Dublin.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers
Recent graduates in English have entered a wide variety of professions and career paths. They have taken up internships with the United Nations, become writers and editors for Penguin Books, Harper Collins, The Times, Country Life magazine, and The Field magazine. They have gone into sales in a number of spheres such as books and music, e.g. Waterstones, W H Smith, and work for charitable organisations (Save the Children), into public policy (Scottish Executive, British Council), and into arts administration (the Barbican Centre, Sotheby’s). A couple of graduates have gone into the financial sector – KPMG and Santander, and one is a head-hunter for a small film company.

A large number of our graduates go into postgraduate study, some to other universities but many remaining with us in St Andrews, especially as the University offers a Recent Graduate Discount. A considerable number of graduates follow careers in teaching in a wide variety of school environments.

See also page 46 for details of the University’s Careers Centre.
Film Studies

Degree options in the Faculty of Arts

MA (Single Honours degrees)
Film Studies

BA (International Honours degree)
Film Studies
(For likely grades and other information, see page 20)

MA (Joint Honours degrees)
Film Studies and one of:

- Ancient History
- Arabic
- Art History
- Biblical Studies
- Classical Studies
- Comparative Literature
- Economics
- English W
- French W
- Geography
- German W
- International Relations
- Italian W
- Modern History H+
- Philosophy
- Psychology
- Russian W
- Scottish History H+
- Social Anthropology
- Spanish W
- Theological Studies

E+ Requires English – Higher or A-Level or HL6 at IB.
F+ Requires French – A at Higher or A at A-Level or HL6 at IB.
H+ Requires History – Higher or A-Level or HL6 at IB.
W Available With Integrated Year Abroad – see Modern Languages.

Why study Film Studies here?

- The Department of Film Studies consistently receives excellent ratings of student satisfaction in course evaluations and national polls.
- Academics at the cutting edge of their discipline introduce you to the latest ideas and innovations in research.
- You are exposed to global cinema and media cultures from around the world, with particular strengths in Europe, South Asia and Latin America.
- Through wide-ranging staff expertise, you will experience a variety of approaches, including aesthetics, film history, identity, industry, media archaeology and politics.
- You develop proficiency in oral and written communication, critical thinking, media literacy, and other transferable skills.
- We consistently maintain high standards of teaching and student work, and continually look to develop our teaching and curriculum in line with latest developments in the discipline.
- Students take an active role in St Andrews’ robust film culture, participating in and programming film series, festivals, and other events.

Location and resources

The Department is located in two buildings on North Street near the town’s cinema. We benefit from specially-fitted teaching facilities, including a screening/seminar room with 3D projection, and film screenings take place in a specially equipped auditorium. The University Library holds excellent specialist resources including one of the best collections of international film and video on DVD, holding over 9,300 AV materials and including some extremely rare works. Our vibrant research culture features many student-led initiatives, including film festivals such as the ‘60 Hour Film Blitz’, the Reel Film Society (a student-run film series), our postgraduate film journal Frames, and student-led professional conferences and symposia.

What will I study?

Film Studies at St Andrews is a dynamic and growing discipline, drawing in students with a variety of intellectual interests. The Film Studies degree resonates with the demands of today’s job market, where film and media literacy is of direct relevance to a variety of careers, from journalism and teaching to professions in the creative industries. Our students engage with the cultural, historical, and intellectual substance of film scholarship, and emerge with a powerful and relevant set of analytical tools.

Film Studies at St Andrews is defined by a particular focus on global cinemas. We critically examine the history of moving images across time and cultures, looking at a diverse range of topics from sexuality in film to activist documentary, from early propaganda to digital media. Film Studies uses a variety of critical, theoretical and historical approaches to examine the most significant cultural form of the twentieth century.

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AABB (see specific subject footnotes above)
GCE A-Levels: AAB (see specific subject footnotes above)
International Baccalaureate Points: 35 (see specific subject footnotes above)

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – No.

Subject enquiries

E: filmstudies@st-andrews.ac.uk

Return to Subjects
“Film Studies has been incredibly interesting for me throughout my time here at St Andrews. The lecturers are really knowledgeable and enthusiastic about the subject, and the film screenings each week expose me to so many different films that I wouldn’t have seen otherwise. I have enjoyed my course immensely.”

Emma (Bury St Edmunds, Suffolk, England)

The introductory modules at sub-honours (first and second years) lay the foundation and provide the theoretical, cultural and methodological frameworks you will need for the more specialised and increasingly challenging modules offered at Honours level. The programme syllabus reflects the research expertise of teaching staff, who are, in many cases, pre-eminent scholars in the field. Students work closely with the teaching staff, developing excellent intellectual, writing and research skills that are useful in a wide variety of professions.

**Film Studies element of your Honours degree**

**First year (2 x 20-credit modules required)**
The two 1000-level modules include film form and aesthetics, key approaches to the study of film (such as the cycle of film production, distribution and exhibition and the analysis of genre, narrative and stars), early cinema and the advent of sound, classical Hollywood cinema, key aspects of European cinema and other world cinemas. Cinema provides a rich resource for analysing the social, cultural, and ideological cross-currents of a particular historical moment, and the films we teach bring these into bold relief.

**Second year (2 x 20-credit modules required)**
The two 2000-level modules focus on historical aspects and technological advances in the period following World War II, typically looking at new wave cinemas in Europe, political movements in Latin America and Africa and contemporary trends in Asia. Throughout these modules we introduce a variety of methodological and theoretical frameworks for the historical study of cinema and the visual media. Based on screenings of a selection of cinematic texts, you are also introduced to questions of identity and representation, and the relationship of film, public discourse, cultural production, and cultural policy.

**Honours – third and fourth years**
Honours modules explore particular topics, such as Documentary, Sensory Cinema, Stars, Cinemas of India, and Digital Media. Each week you will participate in seminar discussions of advanced work in the field. The Honours programme introduces a diverse range of film and media theories covering gender, national and transnational, and philosophical approaches. In your final year you will have the opportunity to complete a dissertation on an advanced topic in Film Studies.

We offer a rich programme combining traditional approaches to film study with emerging forms of critical thought. We specialise in:

- Colonial film
- Digital media
- Documentary, advertising and non-theatrical film
- Early cinema and film history
- Film, human rights and activism
- Film and politics
- Film and history
- Film festivals
- Film sound
- Queer theory and gender identity
- Sensory cinema
- World cinemas

Modules available will reflect current staff specialisms and therefore may vary year to year (see Curriculum development on page 7).

**Typical class sizes and teaching information**

**First year**: lectures 160, tutorials maximum 12
**Second year**: lectures 65 - 130, tutorials maximum 10 (usually fewer)
**Honours**: classes maximum 17

Most teaching on film takes place in a lecture theatre equipped for the evening film screenings that accompany lectures. Sub-honours Film Studies modules are taught by a combination of whole-class lectures, screenings and seminars. Class sizes at Honours vary between modules. We aim to give all students in Film Studies the chance to engage in learning, debating and presenting in lively seminars.

**Typical methods of assessment**
All 1000- and 2000-level modules are assessed by a balance of coursework and written examinations. At Honours level, the modules are entirely assessed on the basis of coursework, including scholarly essays and other innovative forms of assessment.

**Study abroad**
You may apply to the University’s St Andrews Abroad programme. See page 22.

**Careers**
A degree in Film Studies from St Andrews will provide an excellent foundation for a wide range of careers as well as for careers directly connected with cinema (such as film distribution and production, arts administration, cinema management, film festivals, advertising and public relations, journalism/media, publishing and education).

The main purpose of the programme is to provide a high quality general education, promote independence of thought and encourage intellectual initiative backed by a solid knowledge of cinema’s history. We do not teach film production, although we do host film festivals and frequently invite filmmakers to the University as guest speakers.

Film Studies graduates will be well placed to compete in today’s job market, having gained an extensive range of skills from written and oral communications to archival research and visual analysis.

See also page 46 for details of the University’s Careers Centre.
French

See also Modern Languages page 130

Degrees all available With or Without Integrated Year Abroad

Degree options in the Faculty of Arts

**MA (Single Honours degree)**
French

**MA (Joint Honours degrees)**
French and one of:
- Ancient History
- Arabic
- Art History
- Biblical Studies
- Classical Studies
- Classics
- Comparative Literature
- English
- Film Studies

**MA (Honours degrees) in**
- French and two of Arabic, German, Italian, Persian, Russian, Spanish
- French and (one of Arabic, German, Italian, Russian, Spanish) and Comparative Literature
- Modern Languages (French and [one of Arabic, German B, Italian, Persian, Russian E5, Spanish]) and one of Ancient History G, English G, International Relations, Latin G, Management G, or
- Modern Languages (French and [one of Arabic, Italian, Persian, Russian, Spanish]) and Classical Studies S
- Modern Languages (French and [one of Arabic, Italian, Persian, Spanish]) and Greek (Ancient)
- Medieval Studies (see page 106)

**Likely grades considered for an offer**

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

**SQA Highers:** AAAB (A in French) (see specific subject footnotes above)

**GCE A-Levels:** AAB (A in French) (see specific subject footnotes above)

**International Baccalaureate Points:** 36 including HL6 in French (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific Entrance requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:

www.st-andrews.ac.uk/study/international

**Do I need previous knowledge of this subject?**
- Yes, see above.

**Subject enquiries**

Dr Gavin Bowd
E: frenchhod@st-andrews.ac.uk

**Why study French here?**

- Academic staff are leading researchers in their fields.
- Language programme developed by a highly experienced and skilled teaching fellow.
- The teaching team is engaging and includes several native speakers.
- Acquisition of high-level skills in spoken and written French.
- One of the few French departments in the UK to offer Honours modules in French Literature, History and Culture, ranging from the Mediaeval period to the twenty-first century.
- French can be combined with the highly popular Comparative Literature or International Relations degrees.
- Transferable skills, such as analysis, synthesis and the ability to give public presentations, are developed throughout the programme.
- Opportunity to apply for a work placement in France as part of a five-year degree or study at a French university as an integral part of a four-year degree.

**Resources**

The Department of French is diverse in its outlook and activities. Significant numbers of international students are attracted to it within the context of our exchange and postgraduate study programmes, making it a truly international and francophone environment in which to pursue academic study. We have a Multimedia Centre with the latest technology.
“St Andrews is the most wonderful place. This small town offers an entirely unique experience: the balance between a challenging academic environment and a seaside holiday mindset cannot be compared to any other university. I love studying French and seeing my level of language and appreciation for French culture improve. Although my year abroad was truly phenomenal, I am so glad to be back in the ‘Bubble’, with lifelong friends, fantastic societies and a positively hectic social calendar.”

Alice (Edinburgh, Scotland)

What will I study?

- You will be given the opportunity to develop language and communication skills to a level of high proficiency.
- You will be offered a broad view of French literature, civilisation and culture in the first two years of study.
- You will be able to shape your degree according to your various interests in specific topics at Honours level.
- You will be allowed to develop analytical and critical skills, along with transferable skills, in English and in French.
- You will be given direct access to French culture, history and values, and to all the debates, contradictions and extraordinary creativity that characterise contemporary France.

The building of a high level of competence in language skills is a priority in all modules, and you will be expected to write using correct spelling, grammar and punctuation in both French and English.

French element of your Honours degree

First year (2 x 20-credit modules required)
The language modules, taught in French and English, are designed to consolidate and develop skills acquired in secondary school, and to increase fluency in the target language. Four literature texts – encompassing prose, drama and poetry – are studied per semester; these are read as a means of enhancing language learning and introducing you to wider issues of French history and cultural identity. Teaching includes two-and-a-half hours of language per week (including one oral class with a native speaker), plus literature lectures and seminars.

Second year (at least 40 credits required over Semester 1 and Semester 2)
The course diversifies, and is taught primarily in French. It comprises a core language element and, depending on your degree choice, literature and/or civilisation. The course aims to prepare you for the year abroad and help you to make an informed choice of modules at Honours level. The second year French course has been redesigned.

Honours – third and fourth years
(normally 4 x 15-credit core modules required and at least 5 other 15-credit modules required over 2 years)
In Honours we offer four consecutive 15-credit language modules with an emphasis on communication skills. A range of modules in language, literature, intellectual history and twentieth- and twenty-first century culture, politics and society is available. We also offer dissertation modules, allowing you to work on extended personal research with a tutor to advise you.

Every year, the French Department awards prizes and a bursary. See online for further information.

Typical class sizes and teaching information

First year: lectures 100 - 140, literature seminars 7 - 15, language classes 10 - 15, oral classes 9 - 12
Second year: lectures 80 - 100, literature seminars 10 - 15, language classes 10 - 15, oral classes 9 - 12
Honours: 15-credit module seminars 14 - 18, language classes 10 - 15, oral classes 8 - 12

Lectures are used to provide information, to stimulate thought and to suggest directions for further reading and personal study. Small language classes and seminars will allow you to work together and with your tutors, presenting papers and discussing texts and issues relevant to the course. Specialist Honours modules encourage you to pursue your individual interests, to work together on texts and ideas, and develop spoken and written communication skills.

Typical methods of assessment

All our modules include at least 40% assessment by coursework with the balance of assessment in the form of written examinations.

Study abroad

Many students take the opportunity to apply to spend a year working in France, between second year and Junior Honours (third) year. UK students may undertake teaching placements in French schools through the British Council’s Language Assistantship scheme. Alternatively, you may organise a work placement with the approval of the Department.

You may instead apply to spend your Junior Honours year at one of our partner institutions: in these cases the work done in France replaces the Junior Honours year in St Andrews. In 2017-2018, our partners include the Sorbonne and Sciences Po in Paris, as well as the universities of Toulouse and Perpignan. All students are fully briefed about the possibilities for study abroad during second and third semesters in St Andrews.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

You may also apply to the University’s St Andrews Abroad programme. See page 22.

Careers

Recent graduates have gone to work for the British Council, HSBC’s executive training programme, Citibank, Christian Salvesen, Harper Collins, Glasgow City Council and even to work in Japan teaching English as part of the JET scheme. Many also go on to study for postgraduate qualifications or higher degrees.

See also page 46 for details of the University’s Careers Centre.
**Geography**

*See also Sustainable Development page 150*

### Degree options in the Faculty of Science or Faculty of Arts

**BSc or MA (Single Honours degree)**

**Geography BSc**

**BSc or MA (Joint Honours degrees)**

**Geography and one of:**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Requirement</th>
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<tbody>
<tr>
<td>Arabic (MA)</td>
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<td>Art History (MA)</td>
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<td>Biology (BSc)</td>
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<td>Comparative Literature (MA)</td>
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<td>Economics (BSc or MA)</td>
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<td>Film Studies (MA)</td>
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<td>French (MA)</td>
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<td>Hebrew (MA)</td>
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<td>International Relations (MA)</td>
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<td>Italian (MA) W</td>
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<tr>
<td>Management (BSc or MA)</td>
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</tbody>
</table>

**BSc or MA “with” degrees**

Honours in which the majority of the course deals with the first-named subject:

- Geography with Persian (MA)
- Geography with Social Anthropology (MA)
- Geography with Spanish (MA) W
- Mathematics with Geography (BSc) M+
- Psychology with Geography (MA)
- Russian with Geography (MA) W
- Social Anthropology with Geography (MA)
- Spanish with Geography (MA) W

For BSc degrees – at least two Highers or one A-Level must include Biology (or Human Biology), Chemistry, Computing Science or equivalent, Geography, Geology, Mathematics, Physics, or Psychology.

- Requires French – A at Higher or A at A-Level or HL6 at IB.
- Requires History – Higher or A-Level or HL6 at IB.
- Requires Mathematics – A at Higher or A* at A-Level or HL6 at IB.
- For BSc degrees in addition to Mathematics, a Higher from Biology (or Human Biology), Chemistry, Computing Science or equivalent, Geography, Physics, or Psychology.

Available With Integrated Year Abroad – see Modern Languages.

If you wish to study Arts subjects in your first and second years, apply for the MA rather than the BSc degree – see Cross-Faculty subjects on page 5.

### Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

- **SQA Highers:** AAAB (see specific subject footnotes above)
- **GCE A-Levels:** AAA (see specific subject footnotes above)
- **International Baccalaureate Points:** 38 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.

### Subject enquiries

**Dr Charles Warren**  
E: gg@st-andrews.ac.uk

### Why study Geography here?

* The School was top in Scotland in the UK’s Research Excellence Framework 2014.
* Externally acclaimed training in quantitative and qualitative research methods.
* Wide range of module choice spanning the full range of Geography.
* Particular strengths in:
  - Climate change
  - Environmental management
  - Palaeoecology
  - Glacial Studies
  - Population and health
  - Migration and mobility
  - Development
  - Geopolitics
  - Geographic Information Systems (GIS)
* Excellent laboratory, IT and field training.
* Fieldwork opportunities in all four years, both in Scotland and overseas.
* Highly literate and numerate graduates with excellent employment prospects.

### What will I study – BSc or MA?

At St Andrews you have the choice of either a BSc or MA Geography degree, depending on your background and what other subjects you want to study in your first two years, but both programmes give you access to all our optional modules across the full breadth of Geography (for other BSc requirements see page 5). You are also able to take modules offered by the Sustainable Development programme.
“Brimming with friendly faces, cutting-edge facilities and world-class academics, the Department at St Andrews is second to none. The programme of study allows students to immerse themselves in a wide range of topics, develop a plethora of mixed research skills, and study in numerous settings, including in the computer and research labs, in classroom tutorials and, everyone’s favourite, out in the field. Though St Andrews has gifted me with countless wonderful memories, one of my most fond is surely our weekend Honours field trip to the stunning glaciated landscapes of Norway.”

James (Lytham St Annes, Lancashire, England)
BSc (Hons) Geography (2015)

We explore a fascinating range of important environmental, cultural and economic phenomena at local, national and global scales. These are examined through a combination of classroom, laboratory and practical fieldwork in a range of settings. Teaching styles move from lectures to small-group seminars and to individual mentoring. Throughout, we emphasise the development of transferable skills in computing, analysis and presentation. Above all, while degrees provide the opportunity to specialise in either physical geography, human geography or geographic information science, our degrees offer an exciting challenge to those who wish to think critically and creatively about the world around them, and to understand the interaction of biophysical and social systems.

Geography element of your Honours degree

First year BSc and MA (2 x 20-credit modules required)
Our first-year modules stress the value of developing an integrated, coherent vision of the world. They adopt a global perspective in exploring the complex interrelationships between people and planet, and the implications of humans becoming a force of nature. The topics studied include climate change, the idea of the Anthropocene, biodiversity loss, natural hazards, capitalism and development, migration and population, and GIS. Such topics are used to emphasise that the study of society and the environment belong together.

Second year BSc and MA (2 x 30-credit modules required)
Our second-year modules build on first year by exploring the rich and diverse nature of the discipline of geography, and prepare you for Honours study. These modules provide both a conceptual and an applied (methods-oriented) grounding in physical geography, environmental geography and human geography. The modules cover the historical and philosophical development of geography as a discipline, environmental management, biogeography, paleoecology, and glacial process; and Geographic Information Science (GIS) and statistical data analysis; population and demography; the cultural and political geography of the contemporary world.

Honours – third and fourth years
A core programme (comprising approximately 30% of credits) in research training culminates in an independent research project. This core programme is complemented by a suite of themed option modules that offer in-depth, research-led study of topics spanning the breadth of geography. This range of option modules evolves to reflect exciting new research trends and the expertise of staff in line with the strengths identified above.

Core skills are developed in ‘hands-on’ modules giving you direct experience of state-of-the-art data collection and analysis: statistical analysis; survey and questionnaire design; scientific sampling and dating; qualitative research methods (such as interviewing and participatory approaches); GIS and remote sensing; and field-based skills. Fieldwork is conducted both locally and overseas. Recent locations have included Norway, the Pyrenees, Iceland and Ireland. Your final semester is devoted largely to your research project.

Typical class sizes and teaching information

First year: lectures 150 - 200, laboratory sessions 30 - 40, tutorials 10-12. Fieldwork across two days.
Second year: lectures 80 - 120, laboratory sessions 30 - 40, tutorials 6 - 10. Residential fieldwork.
Honours: lectures 10 - 60 formats and class sizes vary. Residential international fieldwork. Individual research mentoring.

Typical methods of assessment
All 1000- and 2000-level modules are assessed by a combination of coursework (individual and some group work; essays, written reports on field and laboratory activities, class tests, multiple choice assignments), and examinations. At Honours level, assessment is more varied reflecting the diverse specialisms, but consist of a mixture of essays, field report writing, analyses in various forms, and individual research projects designed to advance your transferable skills.

Scholarships and fieldwork support
The School subsidises all compulsory fieldwork and has multiple ways to assist students with financial difficulties. Students also have the opportunity to apply for Departmental scholarships. The Maciver Award is offered each year to support students carrying out Geography fieldwork (other than for their dissertation) during the summer vacation. The Dorothy McKinney Awards support dissertation fieldwork in human geography.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

Careers

Because of the broad nature of geography, graduates leave St Andrews with a diverse and unique skill set, putting them in a very strong position in the job market with careers paths in government, environment, sustainability, tourism and leisure, planning and development, business and finance, location and security analysis, as well as research science. Many of our students are also successful in competing for postgraduate opportunities, both nationally and internationally, at both Masters and PhD level.

See also page 46 for details of the University’s Careers Centre.

Return to Subjects
German

See also Modern Languages page 130
Degrees all available With or Without Integrated Year Abroad

Degree options in the Faculty of Arts

MA (Single Honours degree)

German

MA (Joint Honours degrees)

German and one of:

- Ancient History
- Arabic
- Art History
- Biblical Studies
- Comparative Literature
- Economics
- English
- Film Studies
- French
- International Relations
- Italian
- Management
- Mathematics
- Mediaeval History
- Middle East Studies
- Modern History
- Persian
- Philosophy
- Psychology
- Russian
- Social Anthropology
- Spanish
- Theological Studies

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject?
– No (for exceptions see footnote G).

Subject enquiries

Professor Bettina Bildhauer
E: germanhod@st-andrews.ac.uk

Why study German here?

- You will study in a small, friendly department, often in small groups of students, taught by native German as well as English speakers.
- You will be able to study a wide range of aspects of German language, culture, literature and film from the Middle Ages to the present, and learn intercultural skills.
- You can combine German with an exceptionally wide range of other subjects from Arabic, Persian or Russian to International Relations or Management.
- You will have free access to our up-to-date Multimedia Centre to enhance the learning and practice of oral and aural skills.
- Our language courses are designed to cater for all levels from complete beginners to post-A-Level/Higher students.

What will I study?

We will help you to develop your intellectual and intercultural competence and to acquire communicative skills which will be invaluable in your future career: the ability to analyse and discuss critically, to present a reasoned argument, and to use Information Technology.

We aim to help you to maximise your potential in practical language skills and, if you take German as a main subject, to provide a broad education in the literature and culture of German-speaking societies past and present. This is especially the case in the Honours years, when you have scope to construct your own programme of modules and to follow particular interests in aspects of literature, linguistics and other forms of German culture. The building of a high level of competence in language skills is a priority in all modules, and you will be expected to write using correct spelling, grammar and punctuation in both German and English.

You are able to combine German with a wide range of other language and non-language subjects.

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AAAB (see specific subject footnotes above)
GCE A-Levels: AAB (see specific subject footnotes above)
International Baccalaureate Points: 36 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.
German element of your Honours degree

First year (2 x 20-credit modules required)
In your first year, you will be taught German language in groups together with other students sharing your level of previous knowledge of German. We cater for everyone from complete beginners with no prior knowledge of German to those who have attained A-levels or Highers in German. These language classes develop speaking and listening, reading and writing skills. In addition, students with previous knowledge of the subject are introduced to a range of literary texts and gain insights into German culture of the past and the present.

Second year (at least 40 credits overall required)
In second year, students continue to be taught German language skills in groups appropriate to their level of knowledge of German. Non-language elements are integrated at this level: ex-beginners and ex-advanced students jointly extend their studies of German literature and culture.

Honours – third and fourth years
(3 or 4 x 15-credit core modules required and at least 5 other 15-credit modules required over 2 years)
All students take the same core modules in German language, including advanced oral, writing and communication skills. You have scope to construct the rest of your module programme by choosing from a wide variety of modules on aspects of German literature and culture from earlier periods to the present day, and on German history and thought. These modules reflect the individual research interests of staff members and allow you to work at the frontiers of the subject. Modules currently available, but subject to change (see Curriculum development page 7), include:
• The Nazi Past in German Cultural Memory
• Shakespeare: The German Catalyst
• Mediaeval Things
• Language and Ideology in the GDR and West Germany from 1949-1989
• Writing Nature: German Environmental Thought (1800-2000)
A dissertation module permits you to research and write about a topic which particularly interests you.

Typical class sizes and teaching information

First year: lectures 40 - 50, seminars 10 - 20, language classes 10 - 15
Second year: lectures 30 - 40, seminars 10 - 20, language classes 10 - 15
Honours: seminars 10 - 18, language classes 10 - 15

Typical methods of assessment
Our modules at all levels are most commonly assessed by 40% coursework and 60% end-of-semester examination, with the exception of dissertations and project modules. End-of-semester examinations can be either entirely in written format or comprise a written and an oral component.

Scholarships
The Department will assist you in applying for summer vacation scholarships and grants for longer periods of study in Germany offered by the Deutscher Akademischer Austauschdienst.

Study abroad
Most students take the opportunity to apply for a year working in a German-speaking country, between second year and Junior Honours (third) year. UK students may undertake teaching placements in schools abroad through the British Council’s Language Assistantship scheme. If teaching is not for you, you may apply for a work placement with the approval of the Department. The third option to apply for time abroad is in the third year of the degree course (Junior Honours) as an exchange student at a university in Germany or Austria. In 2017-2018 our exchange partners include Bonn and Vienna.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

You may also apply to the University’s St Andrews Abroad programme. See page 22.

Careers

Graduates in German successfully compete for specialist linguist posts as well as those which are open to all graduates, regardless of degree subject, where high-level language skills can confer a significant advantage. Our graduates enter careers as translators, as German or TEFL teachers in Britain and abroad, in European business and administration, in banking and finance, export marketing, and the Civil Service. Others do postgraduate training, e.g. in law, or undertake academic research.

See also page 46 for details of the University’s Careers Centre.

“... I absolutely love studying modern languages at St Andrews. The German Department is so warm and positive, making it easy to build relationships both with fellow classmates and teachers. I have been able to explore some really fascinating aspects of not just the language itself but also the culture and history that surrounds it. Spending my third year teaching English in a school in Germany was an amazing experience, and made me completely fall in love with the country. The German Society here is also very active and welcoming, putting on plays and hosting events throughout the year.”

Kate (Kelso, Scottish Borders, Scotland)
Why study Greek here?

* Extensive language support for all students, provided by our full-time senior language tutor.
* The study of literature and language is carefully integrated and balanced throughout the programme, and set within a framework of wider cultural understanding. Our modules cover many canonical texts but also branch out beyond them, with theoretical reflections on issues such as genre and intertextuality.
* An extensive range of major authors and literary genres is available, including modules on Greek drama, philosophical writing, lyric poetry and the ancient novel.
* Our academic staff are experts in their fields and provide you with the latest ideas and material to research and evaluate.
* Specialisms currently include Greek comedy, political rhetoric, historiography, and Greek literature under the Roman empire.
* Wide choice of related subjects which may be studied as part of the Single Honours Greek degree, including Greek and Roman political and cultural history, ancient philosophy, archaeology and material culture.
* Teaching in small groups assures that you get close attention and individual help.
* The School has a lively student life, including the Scottish Hellenic Society.
* Our staff are friendly and approachable.

Facilities and resources

Classics is housed in Swallowgate, an attractive building which overlooks the sea and is only a few yards away from the University Library and the main quadrangle. There are computing facilities in the building, seminar rooms and a well-stocked class library.

What will I study?

For all students, beginners and non-beginners, first and second year offer a carefully integrated package of complementary work on both literature and language, while the two years of Honours give you the opportunity to choose from a range of author/genre-based courses, together with linguistic options.

Highlights include: Homeric epic (the foundational works of European literature), lyric poetry, the emotionally powerful plays of Greek tragedy, Attic comedy (both Aristophanes and Menander), Greek historiography (especially Herodotus and Thucydides), Greek Philosophy (especially Plato’s Socratic dialogues), Greek rhetoric (speeches written for important
“My time at St Andrews has been the best of my life and the School of Classics has been integral to my enjoyment of university life. The School is not the largest in the University, allowing for an intimate atmosphere where you can truly get to know your professors; the modules are all fascinating and taught with such enthusiasm that it is impossible not to become immersed in the classical world. I have particularly enjoyed having the opportunity to study Greek for beginners and from this I have gained enough confidence to study it at Honours level alongside my Latin.”

Emily (Bristol, Avon, England)

political debates and for forensic trials), the pastoral poetry of Theocritus, and a series of still-undervalued Greek novels, dialogues and speeches written under the Roman Empire.

Between them, these texts display a remarkable range of both linguistic and imaginative fertility. They continue to fascinate modern writers, artists and readers. Studying ancient Greek provides an opportunity to get closer to the richness of this body of writing and to gain insights into the world from which it emerged.

Greek element of your Honours degree

First year (2 x 20-credit modules required)
We offer two streams of study, in both of which students read a wide range of Greek texts. For beginners and those who have studied a little Greek, we offer specifically designed stand-alone modules covering Greek language and literature from scratch. For those who have studied Greek at a higher level, we offer more advanced study in language and literature in integrated modules working with literary texts (philosophy, comedy, pastoral poetry and the ancient novel) and linguistic/translation exercises.

Second year (2 x 20-credit modules required)
In second year, ex-beginners and more advanced students are brought together. The modules extend and refine your knowledge of Greek literature and its background, covering both prose and poetry from the Archaic to the Imperial period, while continuing to incorporate progressive work on the Greek language. By the end of second year, the ex-beginners have sufficient background to enter the Honours programme along with those who started with more advanced knowledge.

Honours – third and fourth years
You choose further modules for more advanced study of literature and language over the two Honours years. Whether you choose Single or Joint Honours, we have an extensive range of modules for you to choose from. We periodically change our Honours offerings to reflect exciting new research trends and findings, modules may include:

- Greeks on Education
- Greeks and Barbarians
- Greek Literature in the Roman Empire
- Imagining the Symposium
- Thucydides – ‘Histories’
- Lies, History and Ideology
- Greek Tragedy
- Violence in Early Greek Poetry
- Greek Rhetoric and its Representation
- Greek Prose Composition

Honours modules in the School carry 30 credits, so you study two modules each semester in Honours. Single Honours students write a dissertation worth 30 credits in their fourth year.

Typical class sizes and teaching information

First year: lectures/seminars 25 - 35, tutorials 10 - 15
Second year: lectures/seminars 25 - 35, tutorials 10 - 15
Honours: seminars 10 - 20

Teaching in first and second year is conducted in small groups for both set-text work and language classes. A similar pattern is maintained, at a higher level of work, in the seminars and tutorials of Honours courses.

Typical methods of assessment
Assessment throughout the degree is generally 50% assessed coursework and 50% by examination, taken at the end of the semester. The final class of degree is based on marks awarded over the last two years.

All Single Honours students write a dissertation in their fourth year and this allows them to specialise in an area of their own key interest.

Final year students may obtain teaching experience and mentoring from teachers in local secondary schools.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

In the academic year 2017-2018, Honours students in the School of Classics may participate in Study Abroad for either one or two semesters at the University of Leiden as part of our Erasmus+ exchange.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers

Traditional Classical Greek courses have provided an entry to a wide range of careers and positions since employers have placed a premium on the combination of intellectual flexibility and rigour of Greek graduates.

Students graduating with Classical Greek degrees typically do well in the graduate employment market. Graduate destinations include: financial services, the law, marketing and management, civil and armed services, journalism, museums, galleries, and libraries, teaching and further research and study.

See also page 46 for details of the University’s Careers Centre.
History – Ancient, Mediaeval, Modern, Scottish and Middle East Studies

Degree options in the Faculty of Arts

MA (Single Honours degree)
History

BA (International Honours degree)
History
(For likely grades and other information, see page 20)

(See also Ancient History page 56
History – Mediaeval History page 106
History – Middle East Studies page 108
History – Modern History page 110
History – Scottish History page 112)

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AAAB including History
GCE A-Levels: AAA including History
International Baccalaureate Points: 36 including HL6 in History

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For full Faculty entrance requirements, see page 53.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – Yes.

Subject enquiries

Dr Gillian Mitchell
E: hist4u@st-andrews.ac.uk

Why study History here?

* Teaching by internationally-renowned staff who carry out important research in their specialist areas.
* In the Research Excellence Framework 2014 History were ranked top in Scotland and twelfth in the UK.

What will I study?

The integrated Single Honours degree in History is a flexible programme combining elements from the range available in Middle East Studies as well as Ancient, Mediaeval, Modern and Scottish History. It allows you to access Honours modules in all historical eras without chronological or geographical constraint and to draw on the expertise of the widest possible range of teaching staff.

The study of history – the recovery and analysis of the full range of human activity over time – is as rewarding as it is challenging. Past cultures and civilisations are worth studying for their own sake, yet historical awareness enriches contemporary experience by linking the present with the past, thus explaining the origins of many of the world’s current problems. They also help us to recognise that our own cultural and social values are not the only (or even most natural or just) ones that people have lived with.

As globalisation makes the world a smaller and more homogenous place, history remains one of the few real fields for exploration and anthropological research – and through the study of history you can encounter new tribes and lost kingdoms. Discovering these alien cultures will help you to understand your own prejudices.

The study of history, therefore, involves acquiring the intellectual know-how to evaluate varied kinds of evidence and the skills necessary to interpret it and communicate its significance to others.

In 2016-2017 the School of History at St Andrews has over 50 historians on its staff and the wealth of expertise available means that students with wide-ranging interests can study periods and topics ranging from democracy in ancient Greece to gender in twentieth-century America.

In addition to this degree, the School of History also offers more specialised degrees in Mediaeval, Modern and Scottish History and Middle East Studies which are described on the following pages.
“Studying History at St Andrews has been brilliant. It has enabled me to learn about a huge variation of topics and periods. From ancient Mediterranean communities to dance halls in 1960s Britain, it has all been engaging and interesting. I have discovered interests that I never knew I had, such as the impact of mass media on society. Studying at St Andrews has broadened my perspective and the many options available in the first two years allow you to specialise on what you want to study in Honours.”

Lizzie (Anstey, Hertfordshire, England)

History element of your Honours degree

First and Second year
(3 x 1000-level and 3 x 2000-level modules required)
During the first two years of the Single Honours History degree, you normally take eight History modules from the 1000- and 2000-level modules offered in Ancient, Mediaeval, Modern and Scottish History and four non-History modules. Entry to the Honours programme requires you to take at least two modules in two out of three historical periods: the period before 500 CE, the period 500-1500 CE, and the period after 1500.

Honours – third and fourth years
At Honours, again subject to the constraint that you must take options in at least two of the three designated historical periods, you may choose modules from the full range of Honours courses in Ancient, Mediaeval, Middle East, Modern and Scottish History. In your final year you will also write a research-based dissertation and take a Special Subject (which is a year-long module) designed to make full use of original source materials.

Within these general rules, there is scope to tailor a broadly-based degree, drawing on the wealth of expertise available at St Andrews, that permits you to range widely over historical time and space.

“I fell in love with St Andrews the moment I set eyes on it and my studies have only enhanced my appreciation for this small town, imbued with historic significance. It has been an honour these past four years to be able to study under such prestigious academics, in one of the top mediaeval history departments around. The small tutorial groups and Honours classes have been a particular highlight for me. Not only do they help consolidate your learning, but they also allow you exchange ideas with your teachers and peers.”

Rachel (Seattle, Washington, USA)

Typical class sizes and teaching information

First year: lectures 100 - 250, tutorials 5 - 7
Second year: between 100 - 230, and tutorials 5 - 7
Honours: classes 10 - 15 at 3000 level, 5 - 7 at 4000 level

See the entries for degree programmes in Ancient History page 56, Mediaeval History page 106, Middle East Studies page 108, Modern History page 110, and Scottish History page 112.

Typical methods of assessment

All 1000- and 2000-level modules in the School of History are assessed by an equal weighting of coursework and examination. At Honours level, the weighting shifts and varies from 40% coursework, 60% examination, to 100% coursework only. Some examinations are unseen, others are seen in advance but are more challenging.

Study abroad

You may apply to the University’s St Andrews Abroad programme. See page 22.

The School of History encourages you to take part in established exchange programmes which allow you to study abroad for a semester or a year in third year. You may apply to participate in History Abroad. In 2017-2018 this programme includes, Erasmus+ exchanges with the universities of Oslo, Leiden, Strasbourg and Bonn, and Trinity College Dublin.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers

The analytical and communication skills acquired and mastered through the study of History are highly prized by a wide range of employers and recent History graduates have found employment in the service industries, law, the British Army, the financial sector (Barclays Bank, Deloitte & Touche) arts and the media (Sky TV, Pavilion Films), teaching – primary and secondary as well as teaching English abroad (Japan and Africa), children’s charities and academia.

See also page 46 for details of the University’s Careers Centre.
History – Mediaeval History

Degree options in the Faculty of Arts

MA (Single Honours degrees)
History
Mediaeval History
Mediaeval History & Archaeology
Mediaeval Studies

MA (Joint Honours degrees)
Mediaeval History and one of:
Ancient History
Arabic
Art History
Biblical Studies
Classical Studies
Comparative Literature
Economics
English
French
Geography
German

International Relations

E+ Requires English – Higher or A-Level or HL6 at IB.
F+ Requires French – A at Higher or A at A-Level or HL6 at IB.
M+ Requires Mathematics – A at Higher or A* at A-Level or HL6 at IB.
W Available With Integrated Year Abroad – see Modern Languages page 130.

MA “with” degree
Honours in which two-thirds of the course deals with the first-named subject:
Mediaeval History with Persian

 Likely grades considered for an offer
We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AAAB including History (see specific subject footnotes above)
GCE A-Levels: AAA including History (see specific subject footnotes above)
International Baccalaureate Points: 36 including HL6 in History (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific Entrance requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see: www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – Yes.

Why study Mediaeval History here?

* A wider variety of subjects within Mediaeval History than is offered in any other university.
* Teaching by internationally-renowned staff who carry out important research in their specialist areas.
* A friendly community where there is a high degree of commitment by staff and students.
* Access to a wide variety of different literary and material sources through which the mediaeval past can be constructed and reimagined.
* A specially designed degree in Mediaeval History & Archaeology.
* An opportunity to spend one or two semesters of your Honours programme abroad – see Study abroad opposite.

Interdisciplinary degrees
For the Mediaeval History & Archaeology degree you take the core module Principles and Techniques in Archaeology in your third year and then a selection from a list of approved modules in archaeology and in the history of the period of your choice. Candidates for this degree often attend the Summer School at the British School of Rome, to which St Andrews has the right to nominate at least one person each year. One popular option within this degree is the chance to write a dissertation on some subject of archaeological and historical interest.

Mediaeval History is also a major contributor to the interdisciplinary Mediaeval Studies degree which allows you to combine modules focusing on mediaeval society and culture taught in a number of different academic Schools, including English, Modern Languages and Art History.

What will I study?

Studying Mediaeval History at St Andrews gives you a chance to engage with surprisingly sophisticated modes of thought and expression across mediaeval Europe and the Middle East and grapple with complex historical issues. This will help you obtain a clearer understanding of the background to the present day. Whether you are, or become, interested in early Islamic Iran or Britons and Saxons, mediaeval political thought or queenship, the teachers of Mediaeval History at St Andrews are committed to opening students’ minds to its many riches.

We provide an excellent training in the collecting and evaluating of a wide variety of information and in constructing powerful arguments, both verbal and written. These skills, as well as the intellectual range demonstrated by the breadth of subject areas you can cover in your degree, offer a strong platform for embarking on the world of analytical work after you graduate.
“I did not intend on training as a mediaevalist, but pursuing sub-honours Mediaeval History modules convinced me otherwise. In my first and second years, I was introduced to the entire period, exploring the European and Middle Eastern worlds of the fifth to fifteenth centuries. Discovering where my passions lay, I focused on the fifth to ninth centuries in my third and fourth years. Fantastic resources, teaching and small class sizes have made studying the Middle Ages at St Andrews a delight.”

Cameron (Cookstown, County Tyrone, Northern Ireland)

If you enjoy the study of the past, but want to try something different from the history you have studied at school, you will find Mediaeval History a stimulating and refreshing change.

If you are a linguist with an interest in the development of language, then Mediaeval History would provide a useful and informative background subject as a first- or second-year module and might interest you enough to form part of a Joint Honours degree.

**Mediaeval History element of your Honours degree**

**First year (2 x 20-credit modules required)**

1000-level modules provide an introduction to the mediaeval world, one exploring politics and society in the early mediaeval period (c.500 to c.1100) across Britain, continental Europe and the Near East, and a second examining developments in the British Isles between 1100 and 1500.

**Second year (2 x 20-credit modules required)**

2000-level modules provide an analytical survey of the history of Mediaeval Europe and an introduction to the Middle East as well as a grounding in the major themes and developments of history as a scholarly discipline and the study of historiography. The critical examination of relevant primary sources and study skills are built into the course.

**Honours – third and fourth years**

For Single Honours in third year, you take four semester-long option modules which offer a wide range of specialist studies within the history of Britain and the wider mediaeval world. Each year we normally offer about 18 different modules across both semesters, of which the following are a sample of modules presently (2016-2017) being taught:

- Heretics and Social Outcasts in Western Europe
- Women and Gender in the Later Middle Ages
- The Mediaeval Castle
- Nature and the Occult in the late Middle Ages
- Age of Conquest: Edward I – Scotland and Wales (1239-1307)

In fourth year you take one more Honours option, a dissertation on a subject of your choice and a special subject, which is a year-long Special Subject module. The dissertation offers the opportunity for in-depth study and extended writing. The Special Subject is the culmination of an undergraduate's historical studies and involves an exploration of a wide variety of sources on a specific topic.

A range of the choices currently offered (2016-2017) includes the following:

- England and France at War in the Fourteenth Century
- The Early Mendicants: Francis Clare and Dominic (c.1180 - c.1270)
- ‘A Century of Iron’: Rulers, Warriors & Scholars in Tenth Century England & Germany
- From Leo VI to Basil II: Byzantium in the Tenth Century

Mediaeval History also combines very well with a whole range of other subjects in Joint Honours degrees. You could, for example, combine it with Art History and specialise in both the history and art history of a particular period. You might choose to study the historical background to a period of philosophy you find fascinating. Looking at the roots of modern society might help put contemporary psychology into context. The flexibility of the Joint Honours degree means that you choose fewer modules in each subject, but are able to sample a wider range of subjects.

**Typical class sizes and teaching information**

**First year:** lectures 120 - 200, tutorials 5 - 7
**Second year:** lectures 100 - 120, tutorials 5 - 7
**Honours:** classes 10 - 15 at 3000 level, 5 - 7 at 4000 level

The first and second year classes meet for three lectures per week. Each student is assigned a tutor who will see them in a group of six for a one-hour tutorial per week. Including the taught element, students are expected to do approximately 15 hours work per week (for sub-honours modules). Dissertations are supervised individually. Including the taught element, students are expected to do approximately 25 hours work per week for each Honours module.

**Typical methods of assessment**

All 1000- and 2000-level modules in the School of History are assessed by an equal weighting of coursework and examination. At Honours level, the weighting shifts and varies from 40% coursework, 60% examination, to 100% coursework only. Some modules have different examination arrangements.

**Study abroad**

You may apply to the University’s St Andrews Abroad programme. See page 22.

The School of History encourages you to take part in established exchange programmes which allow you to study abroad for a semester or a year in third year. You may apply to participate in History Abroad. In 2017-2018 this programme includes Erasmus+ exchanges with the universities of Oslo, Leiden, Strasbourg and Bonn, and Trinity College Mediaeval History and Mediaeval History & Archaeology students have found the exchange with the University of Oslo at the Centre for Viking and Medieval Studies particularly beneficial.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see:

[www.st-andrews.ac.uk/studyabroad](http://www.st-andrews.ac.uk/studyabroad)

**Careers**

Recent graduates have gone on to work in a great range of professions: Inspector of Taxes for HMRC, Marketing Assistant at the Barbican Centre, Customer Service Officer for NatWest Bank, Development Officer for the Royal Zoological Society of Scotland.

See also page 46 for details of the University's Careers Centre.
# History – Middle East Studies

See also Arabic page 58

## Degree options in the Faculty of Arts

**MA (Joint Honours degrees)**  
Middle East Studies and one of:

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arabic</td>
<td>Management</td>
</tr>
<tr>
<td>Art History</td>
<td>Mediaeval History</td>
</tr>
<tr>
<td>Classical Studies</td>
<td>Modern History</td>
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<tr>
<td>Economics</td>
<td>Modern Languages</td>
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<tr>
<td>English **</td>
<td>(Arabic-Persian)</td>
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<tr>
<td>Geography</td>
<td>Persian</td>
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<tr>
<td>German W</td>
<td>Russian **</td>
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<tr>
<td>Hebrew</td>
<td>Social Anthropology</td>
</tr>
<tr>
<td>International Relations</td>
<td>Spanish **</td>
</tr>
</tbody>
</table>

* Requires English – Higher or A-Level or HL6 at IB.  
* Available With Integrated Year Abroad – see Modern Languages page 130.

## Why study Middle East Studies here?

- No need to have prior knowledge of Middle Eastern History or languages to engage with and enjoy the subject.
- Available as a joint degree in combination with one of many disciplines.
- The modules offer a wide range of Middle Eastern topics, defined both chronologically and culturally, in which St Andrews excels.
- You are able to specialise in the mediaeval or modern periods, as well as having access to specific International Relations Honours modules.
- The modules offer depth of knowledge and understanding of a region of outstanding importance in world affairs.
- The opportunity to study the history of the Middle East at an undergraduate level is a distinctive aspect of the undergraduate programme at this university.

## Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

**SQA Highers:** AAAB including History (see specific subject footnotes above)  
**GCE A-Levels:** AAA including History (see specific subject footnotes above)  
**International Baccalaureate Points:** 36 including HL6 in History (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:  
[www.st-andrews.ac.uk/study/international](http://www.st-andrews.ac.uk/study/international)

**Do I need previous knowledge of this subject?** – Yes.

## Subject enquiries

**Dr Gillian Mitchell**  
E: hist4u@st-andrews.ac.uk

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**Image:**  
Western façade of the late sixth-century church at Aran, in modern Yerevan, Armenia.

**Image:**  
Interior of a seventeenth-century mosque, the Masjed-e Shah, Isfahan, Iran.
What will I study?

When you graduate in Middle East Studies you will have received degree-level training in the history of the Middle East extending across as much as fifteen hundred years. The School of History possesses a unique concentration of specialists on the history of the Middle East, from modern Iran and Algeria back to the Ottoman and Safavid Empires; and of the Mongols and Seljuks back through Byzantium to early mediaeval Armenia and Sasanian Iran. This combination lends a very interesting complexion to the range of Honours modules available.

Middle East Studies element of your Honours degree

In order to qualify for a Joint Honours degree in Middle East Studies, you will normally take one 1000-level History module (either Mediaeval or Modern) and two 2000-level History modules (one of which will be the compulsory Middle Eastern History module). For entry to International Relations Honours modules, which are part of the Middle East Studies joint degrees, you must have taken and passed the four sub-honours International Relations modules (see International Relations on page 114).

Honours – third and fourth years

Topics from which you can currently choose (2016-2017) at Honours include:

- The East Roman Empire in the Reign of Justinian 527 - 565
- The Formation of Islamic Iran: from the Arab Conquests to the Seljuq Empire, 600 - 1200
- Eastern Approaches: Early Mediaeval Armenia c.500 - 750
- From Leo VI to Basil II: Byzantium in the Tenth Century
- The Mamluks and the Mamluk Sultanate (1250 - 1382)
- The Crusades
- The Imperial City: Byzantine and Ottoman Constantinople
- French Algeria (1830 - 1962)
- Modern Iran since 1834: Reform and Revolution
- Britain and Iran in the Modern Era

Typical class sizes and teaching information

First year: lectures 120 - 200, tutorials 5 - 7
Second year: lectures 100 - 120, tutorials 5 - 7
Honours: classes 10 - 15 at 3000 level, 5 - 7 at 4000 level

Tutors advise you closely on the preparation of written work and give individual assessments of your performance. Including the taught element, you are expected to work for approximately 15 hours per week for each sub-honours module. In most Honours seminars students may present prepared papers and discussion of specific themes or issues is encouraged. This may involve exploring different theoretical or methodological approaches. In addition to single semester Honours modules, in fourth year several year-long modules in Middle East Studies are available, allowing for in-depth study through primary sources (in translation when necessary). Finally it is possible to undertake an Honours dissertation with a Middle Eastern focus. Including the taught element, students are expected to work for approximately 25 hours per week for each Honours module.

Typical methods of assessment

Assessed work will always comprise essays but may include oral presentations or class tests as well. All 1000- and 2000-level modules in the School of History are assessed by an equal weighting of coursework and examination. At Honours level, the weighting shifts and varies from 40% coursework, 60% examination, to 100% coursework only.

Study abroad

You may apply to the University’s St Andrews Abroad programme. See page 22.

The School of History encourages you to take part in established exchange programmes which allow you to study abroad for a semester or a year in third year. You may apply to participate in History Abroad. In 2017-2018 this programme includes, Erasmus+ exchanges with the universities of Oslo, Leiden, Strasbourg and Bonn, and Trinity College Dublin.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers

Graduates in Middle East Studies go on to a wide range of careers for which an arts degree is a recognised qualification. For those who wish to make particular use of their Middle Eastern expertise there are opportunities for work in the Middle East with international agencies and welfare, educational or missionary organisations. In the UK there are careers in the diplomatic service or other specialist government agencies, in Middle East related journalism, lobbying, commerce, financial services and business consultancy. Our graduates compete successfully for the opportunities to continue their studies at higher degree level.

See also page 46 for details of the University’s Careers Centre.
History –
Modern History

Degree options in the Faculty of Arts

MA (Single Honours degrees)
History
Modern History

MA (Joint Honours degrees)
Modern History and one of:
Arabic
Art History
Classical Studies
Classics
Comparative Literature
Economics
English \( ^* \)
Film Studies
French \( ^W, ^* \)
Geography
German \( ^W \)
Greek
International Relations

\( ^* \) Requires English – Higher or A-Level or HL6 at IB.
\( ^W \) Available With Integrated Year Abroad – see Modern Languages page 130.

MA “with” degree
Honours in which two-thirds of the course deals with the first-named subject:
Modern History with Persian

Subject enquiries
Dr Gillian Mitchell
E: hist4u@st-andrews.ac.uk

Why study Modern History here?

* Small group teaching and individual attention from historians actively engaged in research and publication.
* A friendly and collegial community which makes it easy to get to know other students and staff.
* Choose from a wide variety of optional modules in your third and fourth years: about 50 options are available each year.
* Great flexibility: you can range as widely as you like, from the fifteenth to the twenty-first century, studying British, European, Middle Eastern, South Asian, East Asian, West African or American history.
* A variety of different approaches can be pursued: political, military, cultural, religious, intellectual, scientific, gender, social and economic history are all on offer.

What will I study?

History at university level is not concerned exclusively with what happened in the past but rather with the analysis of events from a present day context. Facts \textit{per se} are elusive and open to dispute. Historians instead collect and analyse evidence. Because new evidence is unearthed and the interpretation of it is determined by one’s perspective, ‘history’ is constantly changing. Thus, the study of history reveals as much about the present as it does about the past.

Modern historians in the School of History at St Andrews participate in a range of teaching for undergraduate students covering the period from the Renaissance (the mid-fifteenth century) to the present day. A wide selection of modules is offered at four levels. The 1000- and 2000-level modules are designed not only to serve as an introduction to the various areas of Modern History offered in the subsequent Honours programme but also to cater for the needs of students who do not intend to proceed with Modern History beyond the first or second year. At Honours, the third and fourth years, the emphasis is on providing you with the widest possible choice for specialisation in terms of subject matter and geographical area.

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AAAB including History (see specific subject footnotes above)
GCE A-Levels: AAA including History (see specific subject footnotes above)
International Baccalaureate Points: 36 including HL6 in History (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.
For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.
For further country-specific qualifications and pre-degree foundation programmes see: www.st-andrews.ac.uk/study/international

Do I require previous knowledge of this subject? – Yes.
“Studying at St Andrews really opened my eyes to the incredible scope and range that history as a subject can offer. I have studied women in witchcraft trials and political structures in nineteenth century Germany, the set-up of Scottish medieval churches and the intricacies of the early modern spice trade. The Department is incredibly supportive and my tutors have helped me identify my passions and inspired me to pursue a career as a historian.”

**Cara** (Edinburgh, Scotland)

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**Modern History element of your Honours degree**

**First year (2 x 20-credit modules required)**

1000-level modules are devoted to the study of the early modern western world from c.1450 to the late eighteenth century, and the wider world from then until the present day. Their main themes are the Reformation, the development of modern states, war and the growth and contraction of empire, but also intellectual, social and economic change. The critical examination of relevant primary sources and study skills are built into the coursework.

**Second year (2 x 20-credit modules required)**

2000-level modules provide an analytical survey of the history of Scotland, Britain and the British Empire as well as a grounding in the major themes and developments of history as a scholarly discipline and the study of historiography. The critical examination of relevant primary sources and study skills are built into the coursework.

**Honours – third and fourth years**

In third year, you will usually select four from 3000-level Honours modules. The exact modules in any given year will vary, depending on staff availability, but each year a range of approximately 50 to 60 Honours optional modules, which offer specialised studies within the general area of British, American, European, East Asian, South Asian and Middle Eastern history. These may be period options: (e.g. Kaiser Wilhelm II, or *Heavenly Decade: The 1960s*), or they may be thematic options (e.g. *Disease and Environment, 1500-2000*, or *Art and Piety in Western Europe, 1400-1750*).

In fourth year, you will take one more Honours option (a one-semester module), a dissertation or project, and a Special Subject (a two-semester, final year module). The dissertation or project offers the opportunity for intensive research on a topic of your choice. The Special Subject is the culmination of undergraduate historical studies and involves an in-depth exploration of documentary sources on a specific topic. A wide range of choices is offered, from *Blood, Courts and Glory: The Catholic Reformation to Britain and Iran in the Modern Era*.

**Typical methods of assessment**

All 1000- and 2000-level modules in the School of History are assessed by an equal weighting of coursework and examination. At Honours level, the weighting shifts and varies from 40% coursework, 60% examination, to 100% coursework only. Some examinations are unseen, others are seen in advance but are more challenging.

**Study abroad**

You may apply to the University’s St Andrews Abroad programme. See page 22.

The School of History encourages you to take part in established exchange programmes which allow you to study abroad for a semester or a year in third year. You may apply to participate in History Abroad. In 2017-2018 this programme includes, Erasmus+ exchanges with the universities of Oslo, Leiden, Strasbourg and Bonn, and Trinity College Dublin.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: [www.st-andrews.ac.uk/studyabroad](http://www.st-andrews.ac.uk/studyabroad)

**Careers**

The study of Modern History produces men and women with well-trained, critical minds and good oral and written communication skills. This makes our graduates attractive to a wide range of employers who understand that the St Andrews Modern History graduate is a person of unique ability.

In the last couple of years our graduates have gone to the Justice Department of the Scottish Executive, Telegraph Publishing Ltd., Radio Lynx, the International Council for Educational Exchange in New York, Goldman Sachs, Scottish & Newcastle Brewery, the Abernethy Trust School of Adventure Leadership, the RAF, Zenith Media, a Magistrates Court (as employee not participant!) to name but a few. Many of our graduates also go on to do further research in Modern History.

See also page 46 for details of the University’s Careers Centre.

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“I loved my experience studying Modern History. The wide range of modules to choose from meant I was able to study a diverse mix of subjects. The enthusiasm and support of the Department also gave me the confidence to pursue my own research into new fields of history.”

**Susannah** (Huddersfield, West Yorkshire, England)

MA (Hons) Modern History (2016)
Why study Scottish History here?

* We are a small and friendly group of Scottish historians who publish extensively and continue to make a major contribution to the development of Scottish History, providing you with an intellectually rigorous environment for study.
* Teaching in Scottish History at St Andrews encompasses a wide chronological coverage of periods from the Dark Ages to Modern Scotland.
* Thematic approaches include the exploration of issues such as invasions, rivalries, sovereignty, lordship, tyranny, Enlightenment, social problems and culture, past and present.

What will I study?

St Andrews has a unique place in Scottish History. Not only is it home to Scotland's oldest university, founded in 1413, but it has been a seat of learning and burial place of kings since the eighth century. From the tenth to the seventeenth century it was also the ecclesiastical capital of the country. Where better to study Scottish History?

Having decided to study in Scotland, getting a grounding in the history of the country will add breadth and depth to your university experience, whatever degree you decide to pursue. Studying Scottish History, even if only for a year or two, will give you a fascinating background and context for your studies here.

Scottish historians within the School of History run a full degree programme that provides chronological coverage from antiquity to the present day. The issues of nation building, loss of sovereignty, the tensions between core and periphery, and the reclamation of nationhood, are aspects of Scotland's historical development which form the core issues of relevant sub-honours teaching.

The modules assume no prior knowledge of Scottish History and form an ideal introduction to an understanding of Scotland's unique historical development and place in the wider world. More specialist modules are available in third and fourth years to suitably qualified students. They deal with a wide range of periods and issues including the early relations of the Picts and Scots, the Viking attacks and settlement, the Wars of Independence, late mediaeval kingship, the union of the Anglo-Scottish crowns and parliaments, Scottish soldiers and merchants abroad, the eighteenth-century Enlightenment and the various socio-economic problems of modern Scotland.
Typical class sizes and teaching information

First year: lectures 120 - 200, tutorials 5 - 7
Second year: lectures 100 - 120, tutorials 5 - 7
Honours: classes 10 - 15 at 3000 level, 5 - 7 at 4000 level

First and second year modules are taught via three weekly lectures and a weekly tutorial meeting. For this, students are expected to prepare for presentation and discussion with a member of staff in groups of six. Including the taught element, students are expected to do approximately 15 hours work per week for sub-honours modules. In Honours, teaching is conducted in weekly two-hour seminars. These involve students in analysis and debate based on detailed preparation carried out prior to each meeting. Including the taught element, students are expected to do approximately 25 hours work per week for each Honours module. Some of the 3000-level modules will involve field trips.

Typical methods of assessment
All 1000- and 2000-level modules in the School of History are assessed by an equal weighting of coursework and examination. At Honours level, the weighting normally shifts and varies from 40% coursework, 60% examination, to 100% coursework only.

Study abroad
You may apply to the University's St Andrews Abroad programme. See page 22.

Careers
Recent Scottish History graduates have found employment in financial services, social work and education. One has gone on to be a Monument Steward for Historic Scotland, another to become a management trainee in the insurance sector, and another to pursue further training in journalism. Some have chosen to continue with vocational training in areas such as museum and galleries studies and librarianship, while others have pursued doctoral research in History. The establishment of a parliament for Scotland has enhanced employment prospects among graduates with a degree in Scottish History.

See also page 46 for details of the University’s Careers Centre.
International Relations

Degree options in the Faculty of Arts

MA (Single Honours degree)
International Relations

BA (International Honours degree)
International Relations (See page 20)

MA (Joint Honours degrees)
International Relations and one of:
Ancient History
Arabic
Art History
Biblical Studies
Classical Studies
Comparative Literature
Economics
Film Studies
French W, F+
Geography
German W
Italian W
Management
Mathematics M+
Mediaeval History H+
Middle East Studies H+
Modern History H+
Persian
Philosophy
Psychology
Russian W
Scottish History H+
Social Anthropology
Spanish W

International Relations and two Modern Languages
Combinations are available in Arabic, French W, F+, German W, Italian W, Persian, Russian W or Spanish W, see page 130.

MA “with” degree
Honours in which two-thirds of the course deals with the first-named subject:
International Relations with Persian

F+ Requires French – A at Higher or A at A-Level or HL6 at IB.
H+ Requires History – Higher or A-Level or HL6 at IB.
M+ Requires Mathematics – A at Higher or A* at A-Level or HL6 at IB.
W Available With Integrated Year Abroad – see Modern Languages.

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AAAB (see specific subject footnotes above)
GCE A-Levels: AAA (see specific subject footnotes above)
International Baccalaureate Points: 38 (see specific subject footnotes above)

Please note:
• Each year the University receives many more applications for a degree in International Relations than there are places. If you wish to study International Relations here, ensure that you indicate this in your application.
• Access to 1000-level modules in International Relations is restricted. Only first year undergraduate students from the Faculties of Arts and Divinity meeting the Faculty entrance requirements as outlined on page 53 or meeting the likely grades as outlined above are allowed to take them. Check the International Relations webpages for more details on overseas entrance requirements.

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of the subject? – No.

Subject enquiries
E: irhos@st-andrews.ac.uk

Why study International Relations here?

• Our School is the only one of its kind in Scotland and one of the few universities in the UK that offers a Single Honours degree specifically in International Relations.
• Our School has an established international reputation for its high quality teaching and research.
• We specialise in international security, peace and conflict studies, terrorism studies, international theory and regional studies.
• We provide extra-curricular opportunities including internships in School research centres and outreach programmes in the local community.
• Prizes are awarded to outstanding graduating students as well as for the best essay written in each year of undergraduate study.
• Our School attracts students from many countries and backgrounds.

Facilities and resources
The School is located in the historic heart of the town in a building opened in 2006.

The School is of a size that allows us to teach the common core of our discipline whilst offering substantial choice and specialisation in the Honours programme. We are a large and diverse School, but we strive to offer you the small size of tutorial group and attention of staff which are so much part of the St Andrews tradition.

Our School has an enviable reputation for the quality and variety of students enrolling in its courses.
What will I study?

The University of St Andrews is a world-class learning community in which top-level research influences educational design and practice, and all programmes are reviewed and updated on a regular basis. We are currently reviewing and modernising the undergraduate curriculum in the School of International Relations. The information below is an example of what the curriculum covers in 2016-2017. When the curriculum has been approved, full details will be available online under Subject information – 2018 entry: www.st-andrews.ac.uk/study/ug/prospectus

The study of International Relations is theoretically challenging whilst having a very practical purpose. How should we understand the world and how should we act in it? Some of the issues explored when pursuing a degree in International Relations are raised in Higher, A-Level and other courses particularly in Modern Studies, Politics, History and Geography.

We require students to have high academic qualifications, a firm interest in International Relations, broad intellectual interests in related areas (such as history, politics, moral philosophy and modern languages), and an enthusiasm for critical engagement with ideas old and new.

International Relations element of your Honours degree

First and second years
In your first two years, you will be introduced to the study of international relations through modules that focus on the theory, history, and practice of world politics. These modules are team taught by staff in the School, providing you with the opportunity to learn from our experts across different subject areas and geographical regions.

Honours – third and fourth years
Upon gaining entry to Honours you can choose from a range of modules. If you are taking Joint Honours, you will choose four 30-credit modules and if you are taking Single Honours, you will choose six 30-credit modules and a year-long dissertation.

Modules offered at Honours include those relating to the following subjects:
- Conflict and Conflict Resolution
- Human Rights
- International Security
- Globalisation
- International Political Theory
- International Law
- International Organisations
- Gender
- Terrorism
- Foreign Policy
- Comparative Politics including Africa, Middle East, China, Central and East Asia

Typical class sizes and teaching information

First year: lectures ~ 365, tutorials 10 - 15
Second year: lectures ~ 280, tutorials 10 - 12
Honours: lectures 15 - 25, tutorials 6 - 12

Research-led teaching brings cutting-edge research directly to the classroom. You will have three lectures per week in first year which decreases to one lecture per module per week at Honours. One weekly tutorial is also given to discuss material covered in lectures.

Typical methods of assessment
Almost all our modules are assessed by a combination of coursework and written examinations.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

We offer a variety of semester or full-year programmes for Honours students. You may apply to participate in the School’s exchange programmes. In 2017-2018 these include the University of Hong Kong and Renmin University of China, as well as Erasmus+ exchanges with European partners.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers

Our graduates go on to a very diverse range of careers. For example, at Reid-Howe Associates; The Scotsman and BBC; East-West Institute; Crown Office & Fiscal Service; the armed forces; Fleishman-Hillard; UNESCO; and the United Nations Association. Many also pursue postgraduate and doctoral qualifications.

See also page 46 for details of the University’s Careers Centre.
Italian

See also Modern Languages page 130

Degrees all available With or Without Integrated Year Abroad

Degree options in the Faculty of Arts

MA (Single Honours degree)
Italian

MA (Joint Honours degrees)
Italian and one of:
- Ancient History
- Arabic
- Art History
- Classics
- Comparative Literature
- Economics
- English
- Film Studies
- French
- Geography
- German
- International Relations
- History
- Latin
- Management
- Mediaeval Studies
- Modern History
- Russian
- Philosophy
- Psychology
- Russian
- Scottish
- Social
- Spanish
- Anthropology
- Spanish
- Anthropology
- History
- Languages
- Management
- Mediaeval Studies
- Modern History
- Social
- Spanish

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific Entrance requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – No.

Subject enquiries
Dr Emma Bond
E: italianhod@st-andrews.ac.uk

Why study Italian here?

* Strong focus on innovative language learning and oral proficiency at all levels of the degree programme, including production skills such as translation, interpreting, and use of new media.
* Broad range of culture courses on topics from the Middle Ages to the present day.
* Exciting Honours module options based on areas of staff research expertise.
* Emphasis on enhancing your skills of critical and literary analysis, building transferable skills and intercultural awareness.
* Excellent and varied opportunities to apply for study and work in Italy, including the popular British Council Assistantship Scheme, and Erasmus+ links with top Italian universities.
* Quality: Italian at St Andrews was ranked second nationally in The Times and Sunday Times University Guide 2017, with exceptionally high scores for teaching quality and student experience. It also scored 91% overall satisfaction in the National Student Survey of 2016.

Facilities and resources
The School of Modern Languages has a Multimedia Centre with the latest digital technology to enhance the language learning experience and to practice oral and aural skills.

What will I study?

The Italian Department in St Andrews is one of the newest in the UK, yet has quickly gained an excellent reputation for the quality and range of its teaching, and the high calibre of its graduates. We are the largest department in Scotland, and other Schools and Departments in the University also have a strong interests and expertise in Italian Art, History, Politics, and Cinema making St Andrews an ideal place in which to develop a full understanding of Italian culture.

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AAAB (see specific subject footnotes above)
GCE A-Levels: AAB (see specific subject footnotes above)
International Baccalaureate Points: 36 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.
“I began my Italian studies as a beginner so I am incredibly fortunate to have been taught by staff who have continuously encouraged me to develop my language skills to an advanced level, with all the benefits of learning in a small and intimate department. The varied nature of the course has also allowed me to study a range of cinema, literature and history modules, whilst also learning about contemporary social issues in Italy.”

Miriam (Glasgow, Scotland)

We strongly believe in the value of cultural understanding and of communication skills, and therefore foster them at every stage of our programme. We help you to achieve your potential by promoting independent thinking, cultivating analytical and critical skills, and encouraging intellectual development. At the same time we maintain a close focus on linguistic and academic achievement.

The building of a high level of competence in language skills is a priority in all modules, and you will be expected to write using correct spelling, grammar and punctuation in both Italian and English.

**Italian element of your Honours degree**

**First year (2 x 20-credit modules required or 4 x 10-credit modules, depending on entry qualifications)**

The majority of our students begin their study of Italian here with no previous experience of the language. Italian has two pathways: one for complete beginners, one for students with some prior qualification such as a Higher or A-Level. The modules for beginners provide an intensive language-learning experience. The post-Higher/A-Level programme consists of language modules, consolidating and developing your existing knowledge, and additional modules on different aspects of Italian culture.

**Second year (2 x 20-credit modules required)**

Second year brings both first-year pathways together, devoting three hours per week to the advanced study of the language and two hours per week to culture. You will explore Italian culture through studying literature and film from early to modern times, for example: Dante’s *Inferno*, Primo Levi, Boccaccio, and cinema and terrorism.

**Honours – third and fourth years**

Language study continues throughout the two Honours years, improving your language skills with an emphasis on the production of a high level of written and spoken Italian. In addition to the compulsory language modules, *Italian Language 1 & 2* and *Communication Skills 1 & 2*, you will be able to build your Honours programme by choosing from a broad range of specialised modules on a variety of topics. Modules currently available, but subject to change (see Curriculum development page 7), include or cover aspects of:

- Early Italian Lyric Poetry
- Dante Alighieri
- Nineteenth-Century Literature
- Black Italians
- Venice
- Contemporary Italian Women Writers
- Fascism and Film
- The Twentieth-Century Italian Novel
- The Nineteenth-Century Italian Novel
- The Twentieth-Century Italian Novel

**Typical class sizes and teaching information**

**First year:** lectures ~100, language tutorials and practical classes in groups of 12 - 15

**Second year:** lectures ~ 40, language tutorials and practical classes in groups of 10 - 12

**Honours:** language tutorials and practical classes in groups of 8 - 10, lectures and seminars in groups of 10 - 15

Teaching is carried out in a variety of modes, including formal lectures, seminars, tutorials and practical oral classes, and is supported at all levels by a range of computer- and web-based aids and activities, some specifically developed by the Italian Department here in St Andrews. Language teaching at all levels in Italian takes place in relatively small groups, giving us the opportunity to closely monitor your progress in key language skills.

**Typical methods of assessment**

We use a variety of methods of assessment to test language skills and cultural analysis. These include formal examinations, oral presentations, and writing projects of various sorts. We are passionate about testing real skills acquired, and allowing students to be creative with their knowledge, so we also employ new social media and technologies in learning and assessment methods. All modules contain some element of assessed coursework.

**Study abroad**

Many of our students take up the opportunity to spend a year working in an Italian-speaking country, between second year and Junior Honours (third) year. UK students may undertake teaching placements in schools abroad through the British Council’s Language Assistantship scheme. Alternatively, you may organise your own work placement with the approval of the Department. Former students have, for example, worked in art galleries, publishing houses, and various business enterprises. In 2017-2018, students in the Italian department may also participate in Study Abroad in the third year of the degree programme (Junior Honours) as Erasmus+ exchange students at a partner university in Italy (Venice, Verona, Padua or Turin), taking regular courses in Italian and, as appropriate, in the other Honours subject(s).

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: [www.st-andrews.ac.uk/studyabroad](http://www.st-andrews.ac.uk/studyabroad)

You may also apply to the University’s *St Andrews Abroad* programme. See page 22.

**Careers**

Recent graduates in Italian are now working in a variety of jobs both in the UK and in Italy. Some are working in companies where their role makes full use of their language skills. Some are working as teachers of modern languages in the UK, or English abroad. Others have taken further training or conversion courses to prepare for careers in translating and interpreting, or careers in law or commerce. Some are utilising their analytical and language skills in civil service positions in the Foreign Office and GCHQ whilst others are working in international art houses. Others have remained at St Andrews and embarked on postgraduate study within the Department.

See also page 46 for details of the University’s Careers Centre.
Subject enquiries
E: classics@st-andrews.ac.uk

Why study Latin here?
* Excellent linguistic training in the skills of reading and understanding Latin texts.
* Extensive language support for all students provided by our full-time senior language tutor.
* Strong grounding in Latin literature combined with an awareness of the wider cultural context. We cover many canonical texts but also branch out beyond them, with theoretical reflections on issues such as genre and intertextuality.
* An extensive range of major authors and literary genres is available, including modules on Roman biography, letter writing and the later reception of Latin poetry.
* Our academic staff are experts in their fields and provide you with the latest ideas and material to research and evaluate. Specialisms currently include Roman comedy, satire, panegyric, scientific and technical writing, epic and reception studies.
* Wide choice of related subjects which may be studied as part of the Single Honours Latin degree, including political and cultural history, philosophy, archaeology and material culture, as well as modern languages.

Facilities and resources
Classics is housed in Swallowgate, an attractive building which overlooks the sea and is only a few yards away from the University Library and the main quadrangle. There are computing facilities in the building, seminar rooms and a well-stocked class library.

What will I study?
The study of Latin language and literature is fascinating and rewarding. The Latin-speaking world of Classical and Mediaeval times is a significant foundation of our modern Western world and Latin is the ancestor of French and Spanish and the other Romance languages. Study of Latin for a long or short period results in increased linguistic sensitivity and the ability to understand all sorts of phrases and nuances in our own
“The Latin Department is open and flexible, and the staff are always accessible and willing to help. They allow us to study new and different texts and ensure the classes are interesting and involving.”

Hector (Burgess Hill, West Sussex, England)

everyday exchange. The study of Latin literature offers the chance to explore a huge range of genres (from epic poetry and historiography to philosophy and letter-writing), and opens up windows on social, cultural and political history too.

Over a third of the students enrolled in the Faculty of Arts take a classical subject at some stage in their degree programme. You can choose Latin in your first year as one of your three subjects, even if you have never studied it before. Although you may study it for just for one semester or for a year, many who did not intend to take a degree in Latin discover its appeal and continue through to the second year and on to Honours.

Two 1000-level Latin modules are offered, one for students who have not studied the language before, or have taken it at a lower level. The other module is for those who have studied Latin at a higher level. In the first two years you study a wide range of Latin texts, gaining the confidence and skills to read independently. In the third and fourth year you choose options reflecting your own special interests.

Latin element of your Honours degree

First year (2 x 20-credit modules required)
With Elementary Latin 1 & 2 beginners will, by the end of the year, have studied some Latin literature in the original and will have the basic skills to translate real Latin texts. The World of Latin 1 & 2 modules give more advanced students the opportunity to build their skill and confidence at reading extended Latin texts independently and to broaden their knowledge of Latin literature and culture. Linguistic and literary critical skills are taught in the study of Latin prose and verse. All students attend language support classes.

Second year (2 x 20-credit modules required)
The second year is adapted to students at varying levels of attainment in Latin. Students who have progressed from the non-beginners’ stream take modules designed to further their ability to read and appreciate Latin texts for themselves. The modules for ex-beginners enable them to read and appreciate Latin at a comparable level to those who have studied it before. Both groups study a selection of texts from the classical age of late Republican/early Imperial literature, but each group has extra language support classes.

Honours – third and fourth years
In Honours 30-credit options may include Roman Epic, Latin Philosophical Writing, Latin Historical Writing, Latin Didactic Poetry, Latin Letters, Latin Prose Composition, Latin Oratory, Roman Satire, Roman Comedy, Senecan Tragedy and Late Latin, and others. You may offer a 10,000-word dissertation as the equivalent of a 30-credit module.

There is a wide choice of other modules to complement Latin studies in all years, not only within Classics but also in other Schools.

Typical class sizes and teaching information

First year: lectures/seminars 25 - 35, tutorials 15 - 20, reading support <15
Second year: lectures/seminars 20 - 30, tutorials 15 - 20, reading support <15
Honours: seminars 15 - 20

First year
Beginners have four classes each week and students following the advanced programme have two weekly lectures/classes plus one small weekly group tutorial. There is, in addition, one language-support tutorial per week.

Second year
Typically two lectures/classes per week plus one tutorial. Ex-beginners have one additional language tutorial per week.

Honours – third and fourth years
A combination of lectures, seminars, and classes, often in small groups, with increasing emphasis on students’ own contribution. Final year students may obtain teaching experience in local secondary schools via the Iris programme or an assessed module.

Typical methods of assessment
Assessment throughout the degree is determined by assessed coursework (40% - 60%) and examination, taken at the end of the semester. Dissertation and teaching experience modules have no final exam. The final class of degree is based on marks awarded over the last two years.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

In the academic year 2017-2018, Honours students in the School of Classics may participate in Study Abroad for either one or two semesters at the University of Leiden as part of our Erasmus+ exchange.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers
Recent graduates who have studied Latin in Honours have moved into careers in law, museums work, journalism, teaching, finance, industry and applied computing; some have gone on to further study of the subject.

See also page 46 for details of the University’s Careers Centre.
Management

Degree options in the Faculty of Science or Faculty of Arts

BSc or MA (Single Honours degrees)
Management (BSc or MA) BSc
Management Science (BSc) BSc

BSc or MA (Joint Honours degrees)
Management and one of:
Arabic (MA) Art History (MA) Classics (MA) Comparative Literature (MA) Computer Science (BSc) CS Economics (BSc or MA) BSc English (MA) E+ French (MA) W, F+ Geography (Bsc or MA) BSc

Management Science and one of:
Computer Science (BSc) CS Mathematics (BSc) M+ Economics (BSc) BSc Statistics (BSc) M+

Management and two Modern Languages W
Combinations are available in Arabic, French F+, German G, Italian, Persian or Spanish, see page 130.

BSc: For BSc degrees – at least two Highers or one A-Level must include Biology (or Human Biology), Chemistry, Computing Science or equivalent, Geography, Geology, Mathematics, Physics, or Psychology.
CS: Requires Mathematics – A at Higher or A at A-Level or HL6 at IB.
E+: Requires English – Higher or A-Level or HL6 at IB.
F+: Requires French – A at Higher or A at A-Level or HL6 at IB.
G: German-Biblical Studies and German-Management combinations are only available to non-beginners in German.
H+: Requires History – Higher or A-Level or HL6 at IB.
M+: Requires Mathematics – A at Higher or A* at A-Level or HL6 at IB.
W: Available With Integrated Year Abroad – see Modern Languages.

The BSc degree requires that at least 40 credits are gained in core Science subjects in 1000- and 2000-level modules – see Cross-Faculty subjects on page 5.

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SOA Highers: AAAAB (see specific subject footnotes above)
GCE A-Levels: AAA (see specific subject footnotes above)
International Baccalaureate Points: 38 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.
For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.
For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international
Do I need previous knowledge of this subject? – No.

Why study Management here?

* The School of Management is listed as the top in the UK in The Times and Sunday Times University Guide 2017, as the top in Scotland in the Guardian University Guide 2017 and second in the UK for The Complete University Guide 2017.
* We are the only university in Scotland to offer both an MA and a BSc in Management. We also offer the broadest range of choices for Joint Honours degrees in Management and in Management Science.
* In the UK Research Excellence Framework 2014, Management was fourth in the UK based on the impact of its research.
* The School’s teaching and research are based on the concept of “Responsible Enterprise”, which entails an ethical approach to managing organisations and their social and environmental impacts.
* We offer challenging courses designed to equip you with the skills of critical thinking and self-reliance.
* Our aim is to stimulate your intellectual curiosity and to encourage you to interrogate evidence, to challenge logic, and to question existing ways of doing things.
* Our teaching is informed by cutting edge research across the arts and the social sciences. In addition to the core disciplines of business, members of staff have published in the fields of sociology, economics, psychology, and geography, among others.
* Presentation skills and group working provide vocational relevance for careers in commerce, finance, industry and public service.
* The student-run Management Society organises an innovative programme of events offering valuable personal development and networking opportunities. Past speakers include senior executives from Deutsche Bank, Jack Wills, Jaguar Land Rover, Saatchi & Saatchi, and Salvatore Ferragamo. Facebook: @MNGSociety

Facilities and resources

The School is located in the prestigious Gateway building at the North Haugh. The Gateway has state-of-the-art lecture and seminar facilities as well as an extensive private study area for students which can be found at the heart of its teaching accommodation.

The School is staffed by a team of international scholars with wide experience of teaching and research in the areas of Management (in all its guises), Accounting and Finance. Expertise in these areas is brought together in degree programmes which aim to develop critical thinking in the managers of tomorrow.
"In every aspect, studying in St Andrews is an incredible and unique experience, full of opportunities to develop your personal skills, abilities and employability. The School of Management offers students the choice of a broad range of highly interesting topics, allowing you to tailor a degree path that suits your own particular interests. The incredibly diverse and multicultural student body also provides a wide variety of opinions and perspectives, enhancing any classroom discussion."

Stephanie (Sale, Cheshire, England)

What will I study? - BSc or MA

The degree programme has been developed with an integral core of Management subjects along with the opportunity to take modules in allied disciplines. In addition, there are a number of Joint Honours options which will allow you to build a degree which suits your particular talents and aspirations. The first two years of study provide a sound basis from which to focus in the Honours years on particular aspects of Management practice.

In all years, you attend seminars and workshops which provide instruction in the use of specific management techniques as well as developing interpersonal skills in problem solving. Honours students have the option of submitting a research project which may take the form of analysis of a practical aspect of business.

Management element of your Honours degree

First year (2 x 20-credit Management modules required)  
Taken together the modules explain why we have organisations, how they operate in society and what information is required of them by those in the external environment.

Second year (2 x 20-credit Management modules required)  
The two compulsory modules in the second year of the Management degree explore the core functions of managers, including marketing, organisational behaviour, managing in diverse and challenging situations and the analysis of financial data.

The School of Management also offers an innovative module on enterprise and creativity, available to all students across the University; it helps you to develop creativity and enterprise skills and to take a proactive role in managing your learning.

Honours – third and fourth years (2 x 20-credit core modules required + at least 4 further 20-credit optional modules)  
At Honours there are core modules in Organisation Studies and Contemporary Issues in Management as well as a variety of options. Modules available reflect the expertise of the staff in the School of Management and may include, for example:

- Advertising and Marketing Communications
- Behavioural Decision Making
- Corporate Finance and Control
- Corporate Social Responsibility, Accountability and Reporting
- Entrepreneurship and Small Business Development
- Financial Markets and Investments
- Human Resource Management
- International Banking
- International Business
- International Marketing
- Knowledge Work, Practice and Context
- Leadership Development
- Management of Change
- Non-Governmental Organisations (NGOs)
- Philanthropy and Philanthropreneurs
- Scenario Thinking
- Sociology of Finance
- Sustainable Development and Management

These have been carefully designed to give our graduates knowledge of international trends, well-developed inter-personal and transferable skills and an orientation towards creativity and innovation.

The distinction between Management Science and Management is that the former includes advanced training in quantitative techniques (Operational Research) that are relevant to the analysis of managerial problems. The Management degree places more emphasis on behavioural, organisational and strategic issues.

Typical class sizes and teaching information

First year: lectures 280 - 320  
Second year: lectures 200 - 220  
Honours: lectures 20 - 170

Where tutorials take place, class sizes are 15 and occasionally larger.

Students’ progress is carefully monitored through a system of continuous assessment and tutorials. Tutorial groups are sufficiently small that tutors can give attention to particular needs and are structured around material that co-ordinates with lectures.

The overall grade for a module combines marks obtained across all assessments, which may combine coursework and examination.

Typical methods of assessment

All Management modules are assessed by at least 30% coursework, with the balance made up of either written examinations or more coursework.

Study abroad

You may apply to the University’s St Andrews Abroad programme. See page 22.

Careers

While a degree in Management provides an excellent basis for a career in management, it can also be used as a springboard into a wide variety of other careers. In the past students from the School of Management have found employment in the fields of academia, general management, marketing, accountancy and the financial services industry. These roles have been undertaken in a wide variety of organisations in the public and private sector including: KPMG, Accenture, Barclays, the National Health Service, J P Morgan, Deloitte, the Scottish Executive, and Warner Music. In some instances graduates find work abroad and each year some students will undertake further study at Masters and Doctoral level in the UK and beyond.

There is a dedicated Careers Centre within the University to help you select the future career option which is right for you. See page 46 for details.
**Degree options in the Faculty of Science or Faculty of Arts**

**MMath (Integrated Masters degrees)**
- Mathematics
- Applied Mathematics
- Pure Mathematics
- Statistics

**BSc or MA (Single Honours degrees)**
- Mathematics
- Statistics

*If you wish to study Arts subjects in your first and second years, apply for the MA rather than the BSc degree – see Cross-Faculty subjects, page 5.*

**BSc (Joint Honours degrees)**

Mathematics and one of:
- Biology
- Chemistry
- Computer Science
- Economics

Statistics and one of:
- Biology
- Computer Science
- Economics

**BSc “with” degree**
Honours in which two-thirds of the course deals with the first-named subject:
- Mathematics with Geography

**MPhys (Joint Integrated Masters degree)**
Mathematics and Theoretical Physics

**MChem “with” degree**
Chemistry with Mathematics

**MA (Joint Honours degrees)**

Mathematics and one of:
- Ancient History
- Arabic
- Art History
- Biblical Studies
- Classical Studies
- Economics
- English
- German

Statistics and one of:
- Economics
- Philosophy

**MA “with” degrees**
Honours in which two-thirds of the course deals with the first-named subject:
- Mathematics with Russian
- Mathematics with Spanish

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**Likely grades considered for an offer**

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

If you are accepted onto a Single Honours degree in the Faculty of Science in the School of Mathematics & Statistics, then you can change on arrival between any of the three routes below, provided you meet the minimum likely grades.

**First year entry**
*(To complete an MMath in five years, or a BSc/MA in four)*
- SQA Highers: AAAB (A in Mathematics)**
- International Baccalaureate Points: 36 including HL6 in Mathematics

**Second year entry**
*(To complete an MMath in four years or a BSc in three. Please note that second year entry is not available into the MA.)*
- SQA Advanced Highers: AA including Mathematics (in addition to Highers at AAAB – A in Mathematics)**
- International Baccalaureate Points: 38 including HL6 in Mathematics

**For Fast Track MMath degrees**
*(To complete an MMath in four years, starting with 1000-level modules)*
- Advanced SQA Highers: BB including Mathematics (in addition to Highers at AAAB – A in Mathematics)**
- International Baccalaureate Points: 38 including HL6 in Mathematics

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**B+** Requires Biology (or Human Biology) – Higher or A-Level or HL6 at IB.

**C+** Requires Chemistry – A at Higher or A at A-Level or HL6 at IB.

**E+** Requires English – Higher or A-Level or HL6 at IB.

**H+** Requires History – Higher or A-Level or HL6 at IB.

**P+** Requires Physics – A at Higher, A at A-Level, HL6 at IB.

**W** Available With Integrated Year Abroad – see Modern Languages.

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**Return to Subjects**
“As well as being great and enthusiastic teachers, all lecturers give an insight into their mathematical research, from Geometric Group Theory to Solar Theory. All the talks and events that the St Andrews Undergraduate Mathematics Society (SUMS) organise give the School a very friendly and intellectually stimulating atmosphere making for a perfect learning and socialising environment.”

Antoine (Bordeaux, France)

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see: www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject?
– Yes, see above.

Subject enquiries

Dr Colva M Roney-Dougal
E: maths-admissions@st-andrews.ac.uk

Why study Mathematics or Statistics here?

* We offer a wide variety of ways you can study mathematics, via first year entry, second year entry or Fast Track.
* To complement this, our degrees are extremely flexible: if you apply to the BSc or MMath, then on arrival you will discuss with your Adviser of Studies which of these entry routes would suit you best.
* All degrees have a flexible structure that allows you either to specialise in some particular area (e.g. Pure, Applied or Statistics) or to acquire training across a broader range of topics.
* Strong tutorial support throughout your undergraduate programme with weekly, small group tutorials for all courses in the early years.
* Opportunities to work closely, and undertake project work, with a research group.
* With over 60 Honours modules to choose from, and strong support from your Adviser of Studies, you can put together a programme of studies tailored closely to your individual interests.
* Individual supervision of your Senior Honours Project in your final year.
* Fifth in the UK for the proportion of our research that is world-leading or internationally excellent in the UK Research Excellence Framework 2014.

What will I study?

St Andrews provides a stimulating environment in which to pursue Mathematics or Statistics under the tutelage of world-class researchers. Not only will you have the opportunity to pursue an area of interest but also you will acquire the skills and attributes sought after by graduate employers.

St Andrews has first-class researchers in the three main areas of the mathematical sciences: Pure, Applied and Statistics. The School of Mathematics & Statistics has several internationally recognised centres, including the Centre for Interdisciplinary Research in Computational Algebra, the Centre for Research into Ecological and Environmental Modelling and the Solar and Magnetospheric MHD Theory Group. The undergraduate courses offered reflect this diversity of interests and provide the focus for specialisation and project work.

Understanding patterns and structure, and developing the tools with which to analyse them, is the primary focus of all mathematics. Whether the patterns relate to physical or biological phenomena or to mathematics itself, the primary aim is to describe, categorise, and understand the processes involved. As a student of Mathematics or Statistics, much of your time here will be concerned with developing the analytical techniques and skills necessary to explore some of these fascinating areas of research. Also, as a consequence of this diversity, we offer a wide range of degrees.

“The School has become a second home for me over these past two years. The lecturers are incredibly kind and supportive, the students are friendly, and there’s always plenty of maths to think about, whether for credit or trying to solve one of the problems someone left on the whiteboard.”

Isabella (San Francisco, California, USA)
Degree programmes offered
These range from the advanced MMath programmes to the more broadly based joint degrees with another subject. Both single and joint degrees are generally four years long, and are based upon a flexible and innovative module structure built around a core of essential material.

When you are applying, you may not be sure of the type of programme that will most suit you. We offer specialised MMath degrees in Pure Mathematics, Applied Mathematics or Statistics, whilst our MMath Mathematics degree allows you to study topics from any or all of Pure, Applied and Statistics.

If you expect to be well qualified in school mathematics then you should apply for MMath Mathematics which will give you access to everything we offer. You will have a meeting with your Adviser of Studies when you get to St Andrews, and they will help you choose which programme will suit you best.

Second year entry allows you to complete the MMath in four years by taking harder courses from the beginning of your degree, but having only a standard workload over the remaining years of study. In contrast, the Fast Track degrees offer an accelerated sequence of modules in Mathematics and/or Statistics designed in such a way as to permit a gentle start to first year, whilst ensuring that the advanced topics are reached by fourth year. The course structure is unique within Scotland and maintains the flexibility of the St Andrews structure whilst still enabling completion of the MMath degree in four years.

We offer a four-year BSc/MA degree in Mathematics and Statistics for those not wishing to take the advanced MMath route. You take a broad 1000-level programme, which can include up to two other subjects, and the mathematics component concentrates upon reinforcing basic skills and ideas before embarking upon the study of Pure Mathematics, Applied Mathematics and/or Statistics in second year. The BSc is also available with second year entry.

The mathematical/statistical content of the BSc and MA degrees is the same. The difference is in the other subjects available for study alongside mathematics or statistics. Our students do at least 20 credits of Mathematics in first year, and at least 60 credits in second year. Those on BSc degrees must take at least 60 more credits of science subjects (which can be Mathematics), whilst those on MA degrees must take at least 60 more credits of arts subjects (which can also be Mathematics).

The 2000-level modules comprise a central core of material that everyone takes as part of their programme. These provide the foundation for study in years three and four where there are over sixty modules available for study over the two Honours years, of which Single Honours students take roughly five compulsory and twelve “free choice” modules (depending on the degree programme), and Joint Honours students half of those.

Honours modules currently on offer (2016-2017) include:

Pure Mathematics:
- Fractal Geometry
- Galois Theory
- Graph Theory
- Topics in Group Theory

Statistics:
- Time Series Analysis
- Bayesian Inference
- Advanced Data Analysis
- Statistical Modelling

Applied Mathematics:
- Solar Theory
- Advanced Computational Techniques
- Fluid Dynamics
- Mathematical Biology

Mathematics / Statistics element of your Honours degree

First two years of Mathematics or Statistics
At 1000 level you will study between one and three Mathematics modules, and between three and five modules in any other subjects. MT1002 Mathematics is our core compulsory module, and can be studied in either semester. Students with a strong background will take this in Semester 1, whilst those who prefer a gentler route will take MT1001 Introductory Mathematics in Semester 1 and MT1002 in Semester 2. We offer three further 1000-level Mathematics modules.

2000-level will be your first year if you choose second year entry. We offer eight modules across the whole range of mathematics, of which you will take between four and eight, depending on your intended degree. These 2000-level modules are designed to introduce you to the study of more advanced mathematics, opening up access to the diverse range of modules that we offer in higher levels.

Students on the Fast Track route will take a mixture of 1000- and 2000-level modules in their first year, including a specially-designed module purely for Fast Track students, to help rapidly bridge the gap between 1000-level and 2000-level mathematics. In their second year they go on to study a mixture of 2000- and 3000-level modules, enabling completion of the MMath degree in four years.

Typical class sizes and teaching information

First year: lectures 100 - 250, labs 25 - 60, tutorials 8 - 12
Second year: lectures 100 - 250, labs 25 - 60, tutorials 8 - 12
Honours: lectures 5 - 120, tutorials 1 - 30
In the first year activities for each module centre on a daily lecture (five per week). Small group tutorials take place once a week for each module where you prepare solutions to exercises on that week's topics, which are marked by your tutor and then discussed in class. In addition, computer labs are held once a week for each module, to assist with both IT and problem-solving skills. In your second year you will typically be studying four modules at once, and each fortnight each module will typically comprise five lectures, one tutorial, one computer lab, and one examples class. You will develop increasing independence and initiative as you progress through your degree programme so that by third and fourth year the average teaching load drops to around ten hours of lectures and four of tutorials per week, supplemented by private study. In addition, in fourth year you carry out an extensive Senior Honours Project on a topic of your choice, for which you will receive individual supervision throughout the year from your chosen staff member.

Successful third year students also have the opportunity to undertake summer project work as Vacation Scholars supervised by staff of their choice. This enables them to establish a close working relationship with members of a research group and gain an appreciation of research work and what it entails.

**Typical methods of assessment**

At 1000 and 2000 level all our modules include at least 50% written examinations, with the balance of assessment being made up of coursework. At Honours level the majority of our modules are assessed solely by written examinations.

**Scholarships**

A number of needs-based Entrant Scholarships are awarded each year by the University to students studying Mathematics and/or Statistics. For further information please see: www.st-andrews.ac.uk/scholarships

**Study abroad**

All BSc/MA students and non-Fast Track students on the MMath programme may apply to the University’s St Andrews Abroad programme. See page 22.

**Careers**

The demand for mathematically able graduates exceeds the supply and the career prospects are excellent. Graduates in Mathematics, Statistics or a joint degree involving these subjects have a wide selection of opportunities. Around 30% of graduates go on to pursue postgraduate qualifications, either in the UK or abroad, and develop research careers. A small number enter the teaching profession, for which there are various financial incentives. A similar number embark upon Teaching English as a Foreign Language in Japan or China: an opportunity to see the world and experience a different culture in an organised and structured way. Although this may seem an unlikely move for a mathematical scientist it provides a commercially valuable insight into an economically vibrant part of the world.

Of the rest, over 50% of our graduates gain employment with merchant banks, insurance companies, computer consultancies, the civil service, industry, and financial services organisations (e.g. Goldman Sachs, KPMG, PwC, and many more). Clear logical thinking, deductive reasoning, confidence in data handling, and IT skills are attributes that are highly prized by employers.

Graduate recruiters seek numerate, literate, enthusiastic and successful graduates. A degree in Mathematics or Statistics offers the chance to develop such a profile and, of course, a good degree in these subjects is recognised as a substantial achievement in a demanding discipline.

See also page 46 for details of the University’s Careers Centre.
Scottish Graduate Entry Medical Programme (ScotGEM)
The medical schools at the universities of St Andrews and Dundee have been chosen by the Scottish Government to run a graduate entry programme for Medicine and it is expected that the first cohort will enter in 2018. We are currently unable to provide information about the application deadline or entry requirements but details will be available when particulars are finalised. Please check online for updates: http://medicine.st-andrews.ac.uk/teaching/bsc-hons-medicine/medical-admissions/entry-requirements/uk

Do I need previous knowledge of this subject? – No.

Contact for prospective applicants
(including queries regarding entrance requirements)
E: admissions@st-andrews.ac.uk
http://medicine.st-andrews.ac.uk

Non-academic entrance requirements
To be a successful applicant you must be able to show evidence of the following:

- Personal qualities such as empathy, good communication and listening skills, leadership skills and the ability to work in a team.
- A well-informed understanding of what a career in Medicine involves.
- A commitment to Medicine demonstrated by organising work experience or shadowing. Experience of working with ill or disabled people, preferably in a health care setting.
- Commitment to academic study, staying power, perseverance and intellectual potential.

In considering the commitment involved in becoming a doctor, the following provide important guidance:

General Medical Council, www.gmc-uk.org
Medical Schools Council, www.medschools.ac.uk
What will I study?

The School of Medicine at St Andrews offers an integrated curriculum within a strong clinical context. In addition to exploring the foundations of medical science, it encourages the development of the professional attitudes, ethical understanding and decision-making skills required by the GMC and detailed in 'Outcomes for Graduates' and 'Promoting Excellence'. The curriculum addresses the following core principles:

- **Accomplishment** – understanding of the scientific basis of medicine and an extensive anatomical and physiological understanding of the human body.
- **Professionalism** – development of clinical skills, personal values, interpersonal skills and ethical awareness.
- **Reflection** – monitoring self-awareness and decision-making through the completion of a portfolio.
- **Independence** – encouragement of self-directed learning and an ability to cope with uncertainty.

The teaching is designed to encourage the application of medical sciences to clinical problems. The clinical teaching is integrated with the basic science learning and spans first to third years, running throughout the entire course. Clinical skills teaching, including communication skills, takes place in simulated wards and examination rooms with communication skills being taught as an integral part of the course. Clinical experience is also offered in the form of patient contact through primary care initiatives in the community from first year. Professionalism and patient safety are key components of the entire course.

Why study Medicine here?

- The School of Medicine provides a unique opportunity for students to graduate after three years at St Andrews with a BSc Honours in Medicine before moving onto one of our Partner Medical Schools to complete a further three years of medical training and graduate with a Bachelor of Medicine, Bachelor of Surgery (MB ChB/MBBS).
- The School of Medicine was placed second in the National Student Survey 2016 student satisfaction league table, receiving a 98% satisfaction ranking.
- The School of Medicine provides:
  - an extensive scientific foundation for clinical practice.
  - early, relevant clinical experience with 'primary care' placements beginning in first year.
  - full-body cadaveric dissection from first year.
  - a bespoke Virtual Learning Environment with personalised diary and course resources including video-capture of lectures.
  - a highly supportive educational environment which complies with the General Medical Council (GMC) expectations.

Facilities and resources

A £45m building created specifically to house the Medical School, offering outstanding facilities for teaching, learning and research; located at the centre of the University science complex, with good links to key University disciplines including physics, chemistry, biology and psychology.

Programme structure

The medical degree programme is six years long; students graduating BSc (Hons) Medicine from St Andrews progress to one of our Partner Medical Schools in Scotland (Aberdeen, Dundee, Edinburgh, Glasgow) or England (Barts in London, or Manchester) for the final three years. Applicants who are ‘overseas’ for fee purposes will progress to Manchester. The number of places available at each of our Partners can be found online, as can information about how to indicate, at the time of application, your preference for either England or Scotland: http://medicine.st-andrews.ac.uk/prospectus

Teaching delivery

We use a wide range of teaching and assessment methods, including lectures, laboratory-based practicals, small group tutorials and computer-based resources. Audio-visual technology is fully utilised, including a ‘state of the art’ video capture system which can be used for training and feedback purposes in the main teaching environments.

“The facilities in the School of Medicine building are second to none and really accessible to students outside of scheduled classes. On top of that the lecturers are approachable and supportive and the personal tutor system means that there is always someone to go and ask if you’re unsure about part of the course or just university life in general.”

Abi (Ackleton, Shropshire, England)
Indicative programme information

First year
The medical course at St Andrews takes the form of an integrated spiral curriculum. In the first year of the course the modules Foundations of Medicine 1 and 2 emphasise the interrelationships between the pre-clinical sciences and form the first turn of the spiral. During subsequent turns of the spiral, topics will be revisited at a more advanced level and with increasing clinical application.

Foundations of Medicine 1
For this module and subsequent modules, vertical strands like microbiology, public health and health psychology run in parallel with the systems being taught. This module:
- reviews fundamental aspects of molecular and cellular medicine.
- gives a general overview of the structure and functions of the body systems from the microscopic to the macroscopic level, including cadaveric dissection.
- gives a preliminary introduction to medical ethics and communication skills relevant to medicine.
- uses clinical problems to develop an understanding of the levels of consciousness and the assessment of health status.
- provides opportunities to speak to patients with chronic health problems in the Medical School environment.

Foundations of Medicine 2
This module continues the strategy of the spiral curriculum by revisiting foundation knowledge and progressing to more complex systems. This module:
- provides an in-depth study of the musculo-skeletal system, including nerve and muscle physiology. The anatomy of the upper and lower limbs will be studied by dissection and lecture.
- develops an understanding of principles of disease mechanisms and therapy.
- introduces particular topics in behavioural sciences e.g. stress, coping and pain.
- introduces concepts of pharmacokinetics and pharmacy.
- reviews genetics and the effects of genes on development and disease.
- provides further opportunities for exposure to clinical problems relevant to the teaching.

Second year
The Honours programme, which runs through both second and third year, focuses in detail upon the normal function and dysfunction of specific physiological systems.

The two modules in second year form the second turn of the curriculum spiral taking an integrated approach to the scientific basis of medicine in Honours. They build upon the material delivered in the first year and introduce new concepts.

Medicine Honours 1
This module covers the structure and functions of the cardiovascular and respiratory systems.

Medicine Honours 2
This module covers the renal, gastrointestinal and reproductive systems.

Both second year modules:
- introduce the disease mechanisms and therapy of disorders pertinent to the body systems covered.
- cover the body systems through cadaveric dissection, including the integration with clinical imaging.
- use relevant clinical problems and clinical skills to provide a clinical context.
- integrate the ethical, moral and behavioural aspects relevant to these systems.
- provide a series of community attachments in primary health care settings.

Third year
In third year there are three learning blocks (one in Semester 1 and two in Semester 2). Semester 1 of this year deals with the most complex integrative physiological systems (central nervous system and endocrine organs). The first module of Semester 2 is a significant Student-Selected Component and the second module of Semester 2 is Applied Medical Science.

Medicine Honours 3
This module continues the strategy of the spiral curriculum by revisiting foundation knowledge and progressing to more complex systems. This module:
- provides in-depth coverage of normal structure and function of the central nervous system and endocrine systems. The anatomy of the head and neck will be studied by dissection.
- introduces diseases and possible therapies pertinent to these important control systems.
- presents case studies associated with the central nervous system and endocrine systems to highlight appropriate clinical skills for the identification of neurological and endocrinological disorders.
- utilises cadaveric dissection, including covering aspects of radiology.
- integrates ethical issues and behavioural science with clinical medicine.
- provides hospital attachments.

Medicine Honours 4 (Student-Selected Component)
You will undertake a Student-Selected Component (SSC) in the form of a research project. The SSC will enable you to pursue an area of your own particular interest at an advanced level and further develop critical appraisal skills. SSCs provide the opportunity for:
- developing an understanding of scientific methods.
- gaining competency in using literature-searching methods.
- developing an inquisitive and questioning attitude and ability to apply rational thought processes.
- preparing a scientific research dissertation demonstrating critical thinking and analysis.
- giving an oral presentation on the research findings.
- developing reflective practice using a portfolio for a significant learning event.
Medicine Honours 5 (Applied Medical Science)
Knowledge acquired in the earlier parts of the curriculum will be consolidated. This course is taught primarily by clinicians (including Honorary staff) and case studies will be used extensively to direct student learning. This module:

- reviews clinical anatomy in preparation for later clinical training.
- provides the opportunity to significantly advance student clinical and communication skills in terms of patient examination techniques and associated procedures.
- provides an opportunity for multi-disciplinary team working through a ward-simulation scenario involving other health professionals.
- develops the ability to recognise disease patterns and clinical reasoning.

Typical methods of assessment
First, second and third year modules are assessed by written examinations (multiple choice and short written answers), anatomy practical examinations (APEs) and observed structured clinical examinations (OSCEs). Also in third year, students will complete a dissertation in an area of their own interest. In order to progress to a Partner Medical School for completion of their medical training, students must achieve the award of BSc (Honours) Medicine from the University of St Andrews.

Application deadlines
UK and EU applicants must apply by 15 October and international applicants (i.e. non-EU) by 31 January.

Selection procedures
When assessing your application we shall take into account academic achievement (or predicted achievement), your UKCAT result and all the other information on the UCAS form.

There is considerable competition for places and so the academic qualifications indicated are considered to be the minimum entrance requirements and will not automatically guarantee the offer of a place. Further information on competitive entry is detailed online: http://medicine.st-andrews.ac.uk/prospectus

Only those applicants who meet our UKCAT requirement, have a very strong academic record and obtain a positive assessment of their non-academic qualities and experience (see section on page 126) will be called for interview.

Disability
A disability need not be a barrier to becoming a doctor but those who have a disability will need to consider carefully what effect that will have on their capacity to function as a medical practitioner (fitness to practise).

In the first instance, if you have a disability (including dyslexia) or relevant health concerns, you should explore what support we can make available to you by contacting the University’s Disabilities Adviser in Student Services before submitting your application. See page 40.

Immunisation and other conditions of offer
For information about immunisation and other conditions of offer, such as satisfactory criminal record screening, please see details online: http://medicine.st-andrews.ac.uk/prospectus

Additional costs
You will have to cover the costs for a lab coat, protective glasses, mask and a stethoscope as well as specific clothes for clinical training. For information on dress code see: http://medhandbook.st-andrews.ac.uk/blog/category/students/professionalism

The Scottish Government has introduced a mandatory new national levy for overseas medical students for each year of study to cover the costs of NHS clinical teaching. Further information can be found at: www.st-andrews.ac.uk/study/ug/fees-and-funding/rest-of-world

“Studying Medicine at St Andrews has given me the perfect balance of scientific knowledge and clinical experience that will help me to excel in my future career. Throughout my time here, the staff have been exceedingly helpful; they are always willing to make time to talk. Due to the fairly small year groups, it is really easy to get to know everyone on the course which makes it an even more enjoyable experience!”

Catriona (Glasgow, Scotland)
Modern Languages

Degree options in the Faculty of Arts

The School of Modern Languages offers a wide range of degree programmes in one, two or three languages, or in one or two languages and a non-language subject or subjects. French, German, Italian, Russian and Spanish all offer a Single Honours degree programme, while both Arabic and Persian can be studied as part of a two-or three-subject degree. Arabic, German, Italian, Persian, Russian and Spanish are all available from beginners’ level. The School also runs a well-integrated Comparative Literature programme. Our programme structures are amongst the most flexible in the UK.

MA (Single Honours degrees)

French W, F+

German W

Italian W

Russian W

Spanish W

MA (Honours degrees)

- TWO or THREE of the following Languages: Arabic, French F+, German, Italian, Russian, Spanish
- COMPARATIVE LITERATURE and ONE or TWO of the following Languages: Arabic, French F+, German, Italian, Russian, Spanish or Comparative Literature - Persian
- TWO of the following Languages (in most cases*): Arabic NG, French F+, German G, Italian, Persian, Russian E+, NR, Spanish S and one of Ancient History NR, Classical Studies S, English E+, Greek (Ancient) NG, International Relations, Latin B, Management G, NR
- Modern Languages (Arabic-Persian) and Middle East Studies H+*"
“Studying French and German at St Andrews has not only allowed me to hone my written and oral skills, but also to immerse myself in the cultural side. From modules on German cinema to French philosophy, there are lots of options to choose between in your final two years that make the languages come to life. Add to that the year abroad, which I spent working in Paris, and you have a truly diverse degree.”

Verity (Stamford, Lincolnshire, England)
School President 2015-2016

The study of modern languages is of critical importance in an age of rapidly growing contacts between nations of the world. Knowledge of another language enables the individual to become immersed in the culture, in the broadest sense, of those languages, the society they reflect, the history and literature of their speakers. The resulting familiarity with other peoples and cultures not only broadens one’s own horizons, but also paves the way to becoming a full member of the international community. Frequently, students also discover a love for a given language in and of itself, and every modern language has a rich cultural heritage through which the student can explore it further.

The School of Modern Languages includes the Departments of Arabic (also the home of Persian), French, German, Italian, Russian and Spanish. All these subjects can be studied through to the final year for the MA Honours degree, or else for one or two years. The detailed individual subject entries show the various ways in which these languages can be studied, either by themselves or in combination with other languages or non-language subjects. There is a wide range of such subjects available for combination with any one or two of the seven languages within the Faculty of Arts. The School of Modern Languages is also home to a degree programme in Comparative Literature (see page 74).

Whether you begin studying a language in St Andrews or join non-beginners classes, our programmes are designed to move through progressively sophisticated stages in preparation for Honours. Core language programmes at 1000 and 2000 level are structurally equivalent in all six departments but their non-language course content may vary from language to language. This might include the study of literature, history or elementary language-specific linguistics. All language programmes place emphasis on accurate spelling, punctuation and grammar in the target language and in English.

Once admitted to Honours, language students continue to follow core language modules in each language. Depending on whether you are following a one, two or three language programme into Honours, you will also take a variety of modules in literature, culture or society. Further details are on the relevant subject pages.

Facilities and resources
The School has a Multimedia Centre with the latest electronic technology to enhance the learning and practice of oral and aural skills. In Honours, content modules, such as literature courses, have a seminar format in most departments.

Typical class sizes and teaching information
First year: lectures 20 - 120, seminars 5 - 20
Second year: lectures 10 - 100, seminars 5 - 20
Honours: groups of 20 or fewer

Core teaching of languages (grammar and translation) is conducted in classes that are kept as small as possible. Native speakers conduct small oral/conversation classes and also teach core modules in Honours as well as first and second years.

Typical methods of assessment
All our modules are assessed by at least 40% coursework. The balance is made up by further coursework or written examinations.

Study abroad
Most language students spend a year abroad after their second year of study. How and where this time is spent will depend on whether you are taking a four-year or five-year degree course. The School makes final decisions on pathways during the second year of study, when you apply for your preferred option, irrespective of the degree intention declared on the original application to St Andrews. If you are taking a four-year degree, you may apply to spend all or part of your third year as an exchange student at one of our partner universities (for arrangements for students of Arabic, Persian and Russian see subject entry).

You may also apply to the University’s St Andrews Abroad programme. See page 22.

With Integrated Year Abroad programmes
If you opt to take Honours degrees With Integrated Year Abroad (WIYA) in French, German, Italian, Russian or Spanish, you may spend your third year in a country in which the relevant language is spoken. With the help of the relevant department, UK students are usually placed in a school through the British Council’s Language Assistantship scheme (for Russian WIYA see page 144). You may organise an alternative work placement with the approval of your Department. Placements are not guaranteed and students are responsible for securing an approved placement. If students are unsuccessful, they will be moved onto a four-year programme. WIYA programmes are not currently available for Arabic or Persian.

Careers
Modern Languages graduates have an extremely good record of employment after graduating. Many of our graduates find employment as language teachers, translators or interpreters, or in other jobs requiring advanced language skills. Their chosen careers also extend beyond the linguistic sector, and include banking and financial services, international development, media, human resources and administration. For details on careers pursued by graduates of specific languages, see the entries elsewhere in this prospectus.

See also page 46 for details of the University’s Careers Centre.
Music

The University of St Andrews degree structure allows you to broaden your education by choosing modules from areas other than your main subject(s) at first and second year, and this includes taking music modules.

Musical life at St Andrews is active, varied and stimulating. The Music Centre offers the chance for everyone to enjoy making music while providing exceptional opportunities for those with particular expertise as singers or instrumentalists. Its programme of concerts and public events is arguably richer than that provided in any other town this size in the UK, with regular visits from internationally renowned performers including the Scottish Chamber Orchestra, which performs five times a year and gives frequent masterclasses and workshops. The Music Centre’s leading ensembles, which include St Salvator’s Chapel Choir, Byre Opera and the St Andrews Chamber Orchestra, regularly perform to the highest standards both locally and across the UK, and the Chapel Choir additionally undertakes overseas tours and records on its recently launched label, Sanctiandree. The Music Centre is open to everyone, from absolute beginners to experienced musicians, whether you want to take lessons, play in groups, practise or just come and listen.

The University offers undergraduate modules in music which may be taken as part of any degree in any Faculty or discipline (other than Medicine), subject to timetable constraints and the agreement of Advisers of Studies. Some of these modules are aimed at those who already perform at a high level or are able to read musical notation, whilst others require no previous knowledge. The three modules in performance benefit from the expertise of the Music Centre’s highly experienced team of instrumental and voice tutors as well as of internationally renowned visiting artists. Students who wish to take these modules must demonstrate through audition or exam certificates that they have the appropriate level of practical ability for the module concerned.
“As someone who hopes to go on to study music after graduating, taking modules and engaging in the wealth of musical opportunities that St Andrews has to offer has helped me develop as a musician. Since my first year, I have been a choral scholar of St Salvator’s Chapel and have participated in productions with Byre Opera, performing in venues across Scotland. I was also a Monteverdi Choir Apprentice under Sir John Eliot Gardiner in 2014-2015, and was kindly supported by all members of staff to pursue my ambitions.”

Angharad (Denbigh, Wales)

Facilities and resources
The University offers excellent musical facilities, which will be enhanced still further in 2019 with the opening of a purpose-built new Music Centre. Current facilities include practice rooms, instrument hire and an electronic music studio with Apple iMac computers with software and hardware available for the composition and realisation of music. For more details, including a list of current tutors and their areas of expertise, see the Music Centre webpages. In addition, students on our modules enjoy lectures and seminars from a range of outside visiting lecturers who draw on their professional experience in music performance and related fields to enhance the academic learning experience.

Typical class sizes
First year: lectures 30 - 40, tutorials 6 - 10
Second year: lectures 6 - 40, tutorials 1 - 10
Third year: seminars 3 - 6, tutorials 1

Subject inquiries
Dr Jane Pettegree
E: musicmodules@st-andrews.ac.uk
T: +44 (0)1334 462239
W: www.st-andrews.ac.uk/music
### Persian

*See also History – Middle East Studies page 108*

*See also Modern Languages page 130*

‘With Integrated Year Abroad’ degrees are only available where the WIYA is taken in another language.

#### Degree options in the Faculty of Arts

**MA (Joint Honours degrees)**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Language</th>
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<tr>
<td>Persian</td>
<td>Italian &quot;W&quot;</td>
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<tr>
<td>Ancient History</td>
<td>Latin</td>
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<td>Arabic</td>
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<td>Classical Studies</td>
<td>Management</td>
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<tr>
<td>Classics</td>
<td>Mediaeval History H+</td>
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<td>Economics</td>
<td>Modern History H+</td>
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<tr>
<td>English F+</td>
<td>Philosophy</td>
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<tr>
<td>French F+</td>
<td>Russian W</td>
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<td>German W</td>
<td>Social Anthropology</td>
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<td>Greek (Ancient)</td>
<td>Spanish W</td>
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<tr>
<td>International Relations</td>
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</tbody>
</table>

- Requires English – Higher or A-Level or HL6 at IB.
- Requires French – A at Higher or A at A-Level or HL6 at IB.
- Available With Integrated Year Abroad – see Modern Languages.

**MA “with” degrees**

Honours in which the majority of the course deals with the first named subject:

- Geography with Persian
- International Relations with Persian
- Mediaeval History with Persian
- Modern History with Persian

**MA (Honours degrees) in 3 subjects:**

- Persian and two of Arabic, French F+, German, Italian, Russian, Spanish
- Modern Languages (Persian and (one of Arabic, French F+, German F+ G, Italian, Russian F+, Spanish S)) and one of Ancient History NR, Classical Studies S, English E+, International Relations, Latin B, Management G NR
- Modern Languages (Arabic-Persian) and Middle East Studies H+

- German-Latin combinations are not available due to a timetable clash.
- German-Russian combinations are not available due to non-beginners in German.
- Requires History – Higher or A-Level or HL6 at IB.
- Russian-Ancient History and Russian-Management combinations are not possible due to a timetable clash.
- Classical Studies-Spanish combinations are not available due to a timetable clash.

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**Likely grades considered for an offer**

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

- **SQA Highers:** AAAB (see specific subject footnotes above)
- **GCE A-Levels:** AAB (see specific subject footnotes above)
- **International Baccalaureate Points:** 36 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see: www.st-andrews.ac.uk/study/international

**Do I need knowledge of this subject?** – No.

**Subject enquiries**

Dr Saeed Talajooy
E: persian@st-andrews.ac.uk

**Why study Persian here?**

- We offer the largest range of Persian degrees in Scotland, and are the only university in Scotland to offer Persian alongside two other subjects.
- One of only six universities in the UK to offer degrees in Persian.
- You can begin the study of Persian language with no prior knowledge, and choose how far you wish to continue, semester by semester, up to the end of second year.
- Two undergraduate societies – the Middle East Society and a new Persian Society.
- Access to events organised by the Institute of Middle East, Central Asia and Caucasus Studies, the Institute of Iranian Studies, the Persian Group in the School of Modern Languages, the Institute for Comparative and Contemporary Literature, and Middle East Studies within the School of History.
- The Persian book prize (a Persian book or a book related to Persian) is an annual prize given to the best student of each year.
What will I study?

We cover the language, literature and culture of the Persian-speaking world. The topics include classical and modern Persian language and literature, and modern media and film.

The building of a high level of competence in language skills is a priority in all modules, and you will be expected to write using correct spelling, grammar and punctuation in both Persian and English.

You may also take complementary modules in Medieval History, Middle East Studies, Modern History, International Relations and Modern Languages.

Persian element of your Honours degree

After completing the first two years, you will be able to read, write and converse in Modern Persian.

First year (2 x 20-credit modules required)

Persian for Beginners 1 and 2

You will learn the skills of reception (reading and listening) and production (speaking and writing) in Persian. You will become familiar with the spoken and written forms of Persian, and this will enable you to express yourself in writing, role play and basic dialogues, and to begin to read basic authentic texts.

Second year (2 x 20-credit modules required)

Intermediate Persian 1 and 2

You will develop skills that enable you to read more sophisticated texts and translate them into English. You will also consolidate your understanding of Persian grammar and learn how to use it in reading, listening, speaking and writing. You will be exposed to some key texts of classical Persian literature.

Honours – third and fourth years

(4 x 15-credit core language modules over two years and at least 4 other 15-credit modules required over 2 years)

At Honours, in addition to core language modules, other modules currently available, but subject to change, include or cover aspects of: Key Texts in Modern Literature, Introduction to Classical Persian Poetry, Modernity and Iranian Drama, Modern Iran through Cinema and Female Identity in Contemporary Iran. In the fourth year, you also have the option of doing a short (one semester) or a long dissertation (two semesters).

Typical class sizes and teaching information

First year: lectures and tutorials 10 - 25
Second year: lectures and tutorials 10 - 20
Honours: classes and tutorials 5 - 10

Typical methods of assessment

All our 1000- and 2000-level modules are assessed by 40% coursework, 20% oral examinations, and 40% written examinations. At Honours level the assessment pattern depends on the module chosen, but all include at least 40% assessed coursework.

Study abroad

You may apply to the University's St Andrews Abroad programme. See page 22.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers

Graduates in Persian will be well prepared for a wide range of careers for which an Arts degree is a recognised qualification, for example: in academia, government departments (in particular the British Foreign and Commonwealth Office and the US State Department), journalism, non-governmental organisations and international companies.

See also page 46 for details of the University’s Careers Centre.

“I have had an exemplary experience with the Persian Department. The work is intensive, but you advance faster than you can imagine. Class sizes are quite small because the programme is very new. The staff are very passionate about Iranian culture and are natives of Iran themselves. We celebrate Iranian holidays, watch Iranian movies, and cook Iranian food. I feel like I’m not only learning a language, but I’m learning a culture. The opportunities for someone who speaks Persian after graduation are endless in both the public and private sector.”

Erika (Minnesota, USA)

Persian

“As St Andrews is one of the few universities in the UK to offer Persian I immediately chose to study it here as I love foreign languages and the culture of the Middle East. The course is fast paced and challenging yet so gratifying once you start being able to write basic sentences within the first few weeks. Our class is fairly small and tight-knit so everyone has the chance to participate and practise orally. Whilst learning grammar and vocabulary in class we are also taught about the culture of the region, crucial when learning such a different language!”

Emily (Newcastle-under-Lyme, Staffordshire, England)
Philosophy

Degree options in the Faculty of Science or Faculty of Arts

**MA (Single Honours degree)**

Philosophy

**MA (Joint Honours degrees)**

Philosophy and one of:

- Ancient History
- Arabic
- Art History
- Biblical Studies
- Classical Studies
- Classics
- Comparative Literature
- Economics
- English
- Film Studies
- French
- Geography
- German
- Greek
- International Relations
- Italian
- Latin
- Management
- Mathematics
- Mediaeval History
- Modern History
- Persian
- Psychology
- Russian
- Scottish History
- Social Anthropology
- Spanish
- Statistics
- Theological Studies

**BSc (Joint Honours degrees)**

Philosophy and one of:

- Biology
- Computer Science
- Mathematics
- Physics

**E+** Requires English – Higher or A-Level or HL6 at IB.

**F+** Requires French – A at Higher or A at A-Level or HL6 at IB.

**H+** Requires History – Higher or A-Level or HL6 at IB.

**W** Available With Integrated Year Abroad – see Modern Languages.

**Likely grades considered for an offer**

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

**SOA Highers:** ABBB (see specific subject footnotes above)

**GCE A-Levels:** AAB (see specific subject footnotes above)

**International Baccalaureate Points:** 35 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see: www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – No.

Subject enquiries

E: philosophy@st-andrews.ac.uk

Why study Philosophy here?

- A Philosophy degree from St Andrews is held in high regard throughout the academic world, and moreover our students really enjoy studying here – in the most recent National Student Survey (2016) the Department received a 100% score for student satisfaction, placing us first out of 57 philosophy departments in the UK.

- We were rated top in Scotland and fifth in the UK in the most recent UK research assessment (REF 2014).

- Philosophy can be pursued as a Single Honours degree, but it also combines naturally with many other subjects, such as Classics, International Relations, Psychology, Theology or Mathematics. It can also be combined with various science subjects – we offer BSc joint degrees in the Faculty of Science, in addition to the MA in the Faculty of Arts.

- Philosophy staff at St Andrews work in a broad spectrum of disciplines, from logic and metaphysics to moral and legal philosophy and beyond. As a result, we offer a wider variety of courses than you might find elsewhere, within a flexible modular system.

- Significant numbers of our Philosophy graduates have secured places on postgraduate programmes at Oxford, Cambridge, St Andrews or at leading universities in the United States.

- Our location makes for an inspiring learning environment, and each year we aim to hold a ‘reading party’ where Honours students and staff spend a weekend in the Scottish Highlands, taking walks and talking philosophy.

- The student-run Philosophy Society is one of the largest student societies in the University. It organises many talks, debates and social events throughout the academic year attracting internationally renowned speakers, and it publishes its own philosophy journal, *Aporia*, to which students are invited to contribute.

Facilities and resources

The Philosophy Department is housed in Edgecliff, a nineteenth-century building with beautiful views out over St Andrews Bay. The view from the library makes it a lovely place to work.

What will I study?

Philosophy is an exploration of some of the oldest and most vexing questions asked by human beings. What differentiates truth from falsehood, and reality from appearance? How is the mind related to the body? Are we really free in our decisions and actions, or is freedom an illusion? Are the things we regard as valuable good in themselves, or good only by custom and convention? Can a work of art be immoral? What justifies religion and does one exist? For over 2,500 years human beings have been trying to develop systematic answers to these questions.
“Studying Philosophy at St Andrews will make you think about things you may never have thought of before and question things you will never have questioned before. These skills will help you to thrive both academically and socially. At St Andrews you are fully supported in a way that allows you to focus your own learning, all under the supervision of leading academics. It is a truly inspiring Department to be a part of.”

Anna (Glasgow, Scotland)

At St Andrews, we try to familiarise you with views put forward by the principal figures of the philosophical tradition, and provide you with the means of rationally and independently assessing your arguments. Learning philosophy is therefore as much about acquiring skills of criticism and analysis, clear thinking and principled debate, as it is about learning a specific subject matter.

Training in the sort of precise and effective reading, and the clear thinking and writing required for all philosophical study makes a good preparation for many careers. The critical thinking developed by the study of philosophy is highly valued by many employers.

Staff at St Andrews are at the forefront of research in their varied fields. This expertise and enthusiasm is conveyed at all levels of teaching. There is a flourishing graduate programme, and a busy schedule of conferences, symposia and special lectures with speakers from all over the world. St Andrews is also home to one of the most respected international philosophy journals, the Philosophical Quarterly.

We offer a wide range of module choices in every year of study.

Philosophy element of your Honours degree

First year (1 x 20-credit core module + 60 credits of optional modules)
First year teaching allows you to study some of the great thinkers in philosophy, and introduces you to fundamental philosophical questions discussed by philosophers from the beginnings of Greek antiquity right up until the present day. These questions can be abstract and theoretical, for example how to define knowledge or how to relate the mind and the body, or practical, for example what kinds of obligations we have to others, and how we ought to live. There are specific subjects you have to cover if you want to continue with philosophy, but there are several options to choose from, even at the introductory level.

Second year (80 credits of optional modules)
In second year, there is further opportunity to study the history of philosophy and to learn about intermediate logic, the philosophy of language, epistemology, moral philosophy and aesthetics. You will be able to explore more deeply some of the questions you will have worked on in first year, and lay the foundation required for an Honours degree in Philosophy.

Honours – third and fourth years (core module(s) at 3000 level; plus 4000-level optional modules)
At Honours, you will take at least one 3000-level module in your Junior Honours year, with a focus on reading core texts in a wide range of philosophical topics; alongside this, and in your Senior Honours year, you will choose from a wide variety of advanced options, including topics in epistemology (the study of knowledge), metaphysics, formal logic, the philosophies of logic, mind, and language, applied ethics, ethical and political theory, metaethics, aesthetics, and the philosophies of film, creativity, law, and religion, as well as texts in the history of philosophy, such as Scottish philosophy, Kant, or twentieth-century philosophy.

Typical class sizes and teaching information
First year: lectures 120 - 220, tutorials 7 - 9
Second year: lectures 40 - 120, tutorials 7 - 9
Honours: lectures 10 - 50, seminars 10

First and second year teaching involves both formal lectures and informal tutorials, in which you discuss your ideas, questions and problems with your tutor and with fellow students. There are also examples classes to support the teaching of formal logic. In Honours, teaching is often conducted in seminars, where you may often be asked to present and discuss your own work.

Typical methods of assessment
All 1000- and 2000-level Philosophy modules are assessed by equal measures of coursework and written examinations. This pattern is continued in some Honours modules, while others are assessed solely by coursework, with a variety of elements.

Scholarships
The University awards needs-based Entrant Scholarships to students in Philosophy. Further information at: www.st-andrews.ac.uk/scholarships

Study abroad
You may apply to the University's St Andrews Abroad programme. See page 22.

In the academic year 2017-2018, Philosophy Honours students may participate in Study Abroad for either one or two semesters at Aarhus University in Denmark as part of our Erasmus+ exchange, where some classes are taught in English.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers
Recent graduates have found openings in local government, television production (Sky Sports), the National Health Service, the Co-operative Bank, insurance, the Crown Prosecution Service, as a public information intern for the United Nations Commission for Refugees, as a theatre director, in publishing, in insurance, and teaching English around the world.

It is not uncommon for St Andrews Philosophy graduates to enter the legal profession after a conversion course or a second degree in law. A substantial proportion of Philosophy graduates choose to pursue an academic career.

Please see page 46 for details of the University Careers Centre.
“The interaction between staff and students in the School is informal yet respectful, and the modules are well thought through. One of my best experiences so far has been the opportunity last summer to work within a Condensed Matter research group; this has made me more enthusiastic than ever for my chosen degree path of Experimental Physics.”

Alisa (Rickmansworth, Hertfordshire, England)
“Studying Physics at St Andrews has been an incredibly rewarding experience. The lecturers are passionate and enthusiastic about the subject and their work. This creates an ideal learning environment alongside plenty of opportunities to be part of the ongoing research in the school. St Andrews has allowed me to experience many different areas of physics and meet like-minded people in an inspirational environment.”

Kimberley (Kinross, Scotland)

Why study Physics or Astronomy here?

* The nature of the School allows significant interaction amongst staff and students.
* Physics at St Andrews was rated top in the UK in the 2017 Guardian University Guide.
* The UK Research Excellence Framework 2014 has rated the quality of the School’s research (joint with Edinburgh) as third in the UK.
* Our programmes are particularly flexible offering a choice of entry and exit points.
* Entrants with good Advanced Highers / A-Levels may attain an Honours BSc in three years, or an MPhys in four.
* National and international recognition of the research work of some final year students.

Facilities and resources

Physics is thriving at St Andrews, with major research groups working in astronomy and astrophysics, laser physics and optoelectronics, biophotonics, quantum optics, magnetism and superconductivity, millimetre-wave techniques, semiconductor physics, and theoretical physics. Healthy numbers of well-qualified students join our BSc and MPhys programmes each year.

The strong research base in the School provides exciting opportunities to use high specification experimental apparatus. Almost all our teaching is done in the same building as our research labs and offices, which helps build the student and staff community in the School. Our degrees have been accredited by the UK Institute of Physics.

The University Observatory houses the largest operational optical research telescope in the UK, and is an active part of the exoplanet research programme.

You become part of a stimulating academic community, and can progress from the core modules of first and second year through to modules at the end of your studies that are at the frontiers of current knowledge. The final year project, which is usually undertaken within one of the research groups, is often a highlight of the degree programme. Recent projects have involved using data on terahertz radiation obtained from a world-class telescope to map out the surface of Pluto, optimising magnetic resonance imaging for diagnosis of cardiac disease, developing tools for probing atomic-scale properties of materials in our ultra-low vibration research laboratories, and modelling the interaction of photons with qubits.

In recent years there have been particularly striking developments in astronomy. Searches for planetary systems around stars other than the Sun are being successfully pursued. The theory and observation of star and planet formation is developing rapidly, as is our understanding of the galaxy population. In cosmology ‘dark matter’, ‘dark energy’ and alternative theories of gravity are key areas which are advancing rapidly.

Entry and exit points

A five-level structure is used in order to provide suitable entry points tailored to students with different backgrounds.

The final choice between BSc and the more advanced MPhys can usually be postponed until mid-way through third year.

First year entry has been designed for those entering straight from Scottish Highers, those wishing to experience the traditional broad-based first year at a Scottish university, and those on some Joint Honours degree programmes. If you have good Advanced Highers or A-Levels, and you are sure that you wish to study for a degree in physics, astrophysics, or the joint degrees with Mathematics, you are invited to enter directly into second year, from which point an Honours BSc degree lasts three years and an MPhys degree four years. Currently between a quarter and a half of our entrant students take this accelerated route. Further information is overleaf.

We have alternative entry routes entitled Physics and Astronomy (Gateway) and Physics and Astronomy (International Gateway). These give a specially tailored first year with about half of the modules taken from existing physics and maths modules, and half on modules aimed specifically at students who have high academic potential but who have for various reasons not been able to demonstrate that fully in school-level examinations. The modules provide many contact hours of learning a week to develop maths and physics knowledge and associated academic skills. Success in first year opens up progression to the second year of the degree programmes in physics, astrophysics, maths/physics and others.

Our astronomy team played a major role in the collaboration that discovered the most earth-like planet yet found outside our solar system. This artist’s impression is courtesy of the European Southern Observatory.
Physics & Astronomy
(continued)

What will I study?

Physics / Astronomy element of your Honours degree
First year
All students take the modules Physics 1A and Physics 1B. In addition, students aiming for the Astrophysics degree take Astronomy and Astrophysics 1 which presents a broad outline of the astronomical universe. You also take at least one module in Mathematics, as well as other modules of interest to give a total of 120 credits.

Second year (second year for some, year of entry for others)
The main branches of physics are discussed in Physics 2A and Physics 2B. The module Astronomy and Astrophysics 2 is required for astronomers and is optional for others. It is intended to introduce you to advanced astrophysics material. Students take at least two 2000-level Mathematics modules and other modules to give usually a 120 credit total.

Honours (third, fourth and optionally fifth years)
In the two (BSc) or three (MPhys) Honours years the main branches of the degree subject are covered in considerable depth. You take some or all of the mainstream modules in quantum mechanics, nuclear and particle physics, thermal and statistical physics, electromagnetism and solid state physics, and take additional modules in the appropriate specialist areas. Depending on the degree programme, these might include Extragalactic Astronomy, Computational Astrophysics, Signals and Information, Laser Physics, Special Relativity and Fields, and Fluids. In your final year, you carry out a research project which usually involves working with one of the research groups in the School.

The optional MPhys additional year contains a number of advanced modules chosen from topics that may include Biophotonics, Quantum Optics, Group Theory, Contemporary Astrophysics, Magnetofluids and Space Plasmas, as well as a major research project.

Typical class sizes and teaching information
First and second year: lectures 20 - 150, tutorials 4 - 8
Honours: lectures 5 - 80, third year tutorials 5 - 9

Laboratory work is usually undertaken in pairs in first year, individually in second year, and as a mixture of individual and pair/team work in the Honours labs.

In first year you will typically have Physics 1A or 1B as one third of your workload in a semester. In these modules you typically have four lectures a week, one problem-solving workshop, one small group (~7 students) tutorial, and 2.5 hours in the teaching laboratory. In second year you typically have Physics 2A or 2B as one half of your workload. In these modules you typically have five lectures a week, one problem-solving workshop, one small group (~5 students) tutorial, and 2.5 hours in the teaching laboratory. In the Honours years you typically have three lectures a week for each 15-credit lecture-based module. Laboratory modules take two afternoons a week for students on Physics and Astrophysics programmes. The final year projects last for a semester, full time for most MPhys students and 20 hours a week for most BSc students.

Typical methods of assessment
At 1000 and 2000 level, most modules are assessed by a mix of written examinations and a mixture of coursework (including laboratory work). At Honours level the assessment depends on the nature of the specific module.

Scholarships
There are several scholarships for students taking part in the Gateway and International Gateway programmes. There are also various scholarships available from the University that all students may apply for, see: www.st-andrews.ac.uk/physics/pandaweb/admiss/bursaries

The 16 inch Meade telescope at the University Observatory is used in teaching, and by the student Astronomical Society. The Observatory also houses the largest optical research telescope in the UK.
Programme-specific fees
There are no additional fees for labs and the like in the School. Most students in the Transferable Skills for Physicists module are expected to attend the Burn Conference, and are asked to make a contribution (currently £30) towards the costs of the weekend away. In line with University policy, the School expects its students to purchase a number of textbooks as part of their study.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

In addition, the Robert T Jones Trust currently funds one year of postgraduate Masters study at the prestigious Georgia Institute of Technology (Atlanta) for a selected person graduating from our School.

Careers
Graduates in any of these disciplines enjoy a wide range of career options, including research and development in industry and in Government agencies. Many find employment in fields not directly related to their degree subject, e.g. computing, software development, meteorology, biophysics, geophysics, banking and commerce, where their problem-solving skills and numeracy are in demand. Our School webpages include a number of ‘graduate profiles’ showing our graduates working as an investment manager in Brisbane, a photonics researcher in Japan, an “engineer in charge” on the fusion project JET, a physics teacher in Mallaig, a patent lawyer in London, and an accountant in Edinburgh. Other graduates are working in high-tech companies in the USA and UK, some have started up their own businesses in science and technology, and some are in the university sector doing research and teaching. Others carry out postgraduate research here.

See also page 46 for details of the University’s Careers Centre.
Psychology & Neuroscience

Degree options in the Faculty of Science or Faculty of Arts

BSc or MA (Single Honours degree)
Psychology BSc

BSc (Single Honours degree)
Neuroscience (with the School of Biology) N

Joint Honours degrees
Psychology and one of:

Art History (MA) Italian (MA) W
Biology (BSc) Management (MA)
Computer Science (BSc) CS Mathematics (BSc or MA) M+
Economics (BSc or MA) Mediaeval History (MA) H+
English (MA) E+ Modern History (MA) H+
Film Studies (MA) Philosophy (MA)
French (MA) W, F+ Social Anthropology (MA)
Geography (MA) Statistics (BSc or MA) M+
German (MA) W Theological Studies (MA)
International Relations (MA)

BSc or MA “with” degrees
Honours in which the majority of the course deals with the first-named subject:
Psychology with Biology (BSc) B+
Psychology with Geography (BSc) B+

Likely grades considered for an offer
We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

Psychology and Neuroscience
SQA Highers: AAB (see specific subject footnotes above)
GCE A-Levels: AAB (see specific subject footnotes above)
International Baccalaureate Points: 35 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – No.

Subject enquiries
Psychology: Dr James Ainge
E: psych-admissions@st-andrews.ac.uk
Neuroscience: Dr Wenchang Li
E: neuro-admissions@st-andrews.ac.uk

Why study Psychology or Neuroscience here?

* Emphasis on research-led teaching from leading researchers in the field at every level of the degree culminating in an opportunity to conduct your own research project in well-equipped laboratories.
* Access to strong interdisciplinary research networks such as the Institute for Behavioural and Neural Sciences (IBANS).
* The opportunity to specialise in areas of interest in the final year and to be taught in small specialist seminars.
* Psychology achieved a strong research performance in the UK Research Excellence Framework 2014.

BSc or MA?
Psychology can be taken by those who have specialised at school in science or arts subjects. As such, the degree is offered as both a BSc in the Faculty of Science and an MA in the Faculty of Arts. The Psychology components of your degree are the same regardless of whether you take an BSc or MA in Psychology. The difference is in the other subjects you study in your first and second year. If your background is scientific choose the BSc (see page 5) otherwise, choose the MA.

What will I study?

Psychology
We introduce you to the latest ideas in the field of psychology. In the first three years the course is very broadly based. You are introduced to the full range of areas that are studied by psychologists. This provides a firm foundation in the subject and allows you to make choices in the final year amongst the advanced modules that are on offer.

However the course is not just about listening to other people’s ideas. It is also about learning to do research yourself. There is a strong emphasis on practical classes and on learning research techniques right from the start. In the final year you have the opportunity to carry out your own research project on a topic of your choice under the individual supervision of a staff member - all of whom are active researchers, many at the forefront of their field. Their research has made significant contributions to the development of psychology as an academic discipline, and has delivered tangible benefits to society.

Return to Subjects
“Getting to know different areas of psychology before choosing your favourites to immerse yourself in is great. Lecturers who are extremely passionate about their research make this experience even better, so that I had difficulty deciding which modules to choose. Their enthusiasm also offers early opportunities to get involved in scientific research. As School President, I was impressed by the School’s commitment to teaching excellence and its willingness to shape the learning experience together with its students.”

Maria (Düsseldorf, Germany)

The 1000-level modules give a general introduction to psychology. A pass can lead on to the 2000-level modules in which topics from the 1000 level are built on and expanded in greater depth, combined with an introduction to new areas of psychology. By the end of the second year everyone will have the grounding for the more advanced Honours Psychology programmes, regardless of entry route. Honours entry is dependent on performance in the second year.

**Indicative programme information for the Psychology element of your Honours degree**

**First year BSc and MA (2 x 20-credit modules required)**
Four lectures and a two-hour practical per week. These cover an introduction to psychology including areas such as the Biological Bases of Behaviour, Cognition, Development, Social Behaviour and Individual Differences in Behaviour. They also provide a methodology programme which integrates the practical classes with instruction in research design and statistics.

**Second year BSc and MA (2 x 30-credit modules required)**
Four lectures and a three-hour practical per week, plus small group tutorials. These provide a more developed treatment of the problems and methods of psychology, covering such topics as Social Psychology, Abnormal Psychology, Physiological Psychology, Cognitive Neuroscience and Perception. The methodology programme also continues through the second year.

**Honours – third and fourth years**
**(Single Honours – full time – 60 credits per semester)**
Lecture hours vary, with an increasing emphasis on library and project research. At Junior Honours, modules provide an advanced grounding in the core areas of psychology, including Perception, Cognition, Social Psychology, and Evolutionary and Comparative Psychology and Developmental Psychology. There are also the modules *Research Design and Analysis 1 & 2* and a supervised literature review on a topic of your choice. In the Senior Honours year, you choose from a wide range of specialist modules, on topics such as Psychology of Dementia, Psychology of Terrorism, Psychopathology, Psychology of Visual Art, Cognitive Psychology and the Emotional Disorders or the Psychology of Music. You also write a dissertation and undertake a research project in an area of your choice.

**Neuroscience**
This programme is taught jointly by the School of Psychology & Neuroscience and the School of Biology. It explores the interface between psychology and neurobiology paralleling the strength of our research activities in this exciting area. Honours topics cover molecular, cellular and physiological processes, cellular and applied neurobiology, pharmacology and neurochemistry. Honours modules also cover cognitive and behavioural neuroscience, clinical neuroscience and neural modelling. A final research project is available in either School.

**Typical class sizes and teaching information**
Class sizes vary from year to year but typical sizes based on the previous year are as follows:

**First year:** lectures 250 - 350, labs 40 - 60
**Second year:** lectures 140 - 220, labs 40 - 60, tutorials 6 - 8
**Junior Honours:** lectures 70 - 120, labs 70, individual supervision for literature review
**Senior Honours:** classes 10 - 50

**Neuroscience** module classes are 30 - 60 in Junior Honours and 5 - 20 in Senior Honours.

Students also carry out a research project where they receive individual supervision.

The degree programmes are taught using a wide variety of methods, including traditional lectures, seminars, practicals, tutorials and individual supervision. At Honours much of the teaching is in small groups and there is a considerable amount of one-on-one contact with staff. There is a general emphasis on active learning, with students having the opportunity to ask questions, participate in discussions and debate issues.

**Typical methods of assessment**
1000- and 2000-level modules are assessed by 25% coursework and 75% multiple choice questions or written examinations. At Honours level the nature of assessment depends on the individual module, some are assessed entirely by coursework, or by examinations or by a mixture of the two.

**Professional exemptions and accreditation**
The Single Honours degree and the “with” degrees are recognised by the British Psychological Society as conferring the basis for graduate registration. That is, they are a qualification for undertaking training in various areas of professional psychology including clinical psychology and educational psychology. It should be noted that both the BSc and the MA degree are acceptable qualifications for all postgraduate courses in psychology including clinical psychology. Postgraduate courses in psychology are usually very competitive and if you plan to become a professional psychologist the Single Honours degree is recommended. However, subject to taking the necessary Honours components, Joint Honours degrees may also gain BPS recognition.

**Study abroad**
You may apply to the University’s St Andrews Abroad programme. See page 22.

**Careers**
There are a number of professions directly linked to a Psychology degree such as Clinical Psychology, Educational Psychology, Industrial Psychology and Forensic Psychology. It is also associated with jobs in the welfare area and in personnel. More generally, a good Honours degree in Psychology can give direct entry into management training and civil service posts. Recent graduates have secured positions in the health service, speech therapy and banking.

See also page 46 for details of the University’s Careers Centre.

Return to Subjects
Russian

See also Modern Languages page 130
Degrees all available With or Without Integrated Year Abroad

Degree options in the Faculty of Arts

MA (Single Honours degree)
Russian

MA (Joint Honours degrees)
Russian and one of:
- Arabic
- Art History
- Comparative Literature
- Economics
- English
- Film Studies
- French
- German
- International Relations
- Italian
- Latin

- Requires English – Higher or A-Level or HL6 at IB.
- Requires French – A at Higher or A at A-Level or HL6 at IB.
- Requires History – Higher or A-Level or HL6 at IB.
- Requires Mathematics – A at Higher or A* at A-Level or HL6 at IB.

MA (Honours degrees) in
- Russian and two of Arabic, French, German, Italian, Persian, Spanish
- Russian and one of Arabic, French, German, Italian, Spanish and Comparative Literature
- Modern Languages (Russian and one of Arabic, French, German, Italian, Persian, Spanish) and one of English, International Relations, Latin
- Modern Languages (Russian and one of Arabic, French, Italian, Persian, Spanish) and Classical Studies

B German-Latin combinations are not available due to a timetable clash.
G German-Management combinations are only available to non-beginners in German.
S Classical Studies-Spanish combinations are not available due to a timetable clash.

MA “with” degrees
Honours in which the majority of the course deals with the first-named subject:
- Economics with Russian
- Mathematics with Russian
- Russian with Geography

Likely grades considered for an offer
We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AAAB (see specific subject footnotes above)
GCE A-Levels: AAB (see specific subject footnotes above)
International Baccalaureate Points: 36 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific Entrance requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see: www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – No.

Subject enquiries
Dr Victoria Donovan
E: russianhod@st-andrews.ac.uk

Why study Russian here?

* The Department of Russian is first in the UK for teaching quality and experience (Times and Sunday Times University Guide 2017).
* Start your study of Russian as an absolute beginner, or continue your studies from school.
* Take Russian either as Single Honours, or in combination with one or two other subjects.
* Acquire advanced skills in spoken and written Russian, for a variety of contexts.
* Choose from a wide range of modules in Russian language, literature and cultural history.
* Develop language and other skills through a prolonged stay in Russia on a study placement.
* Study in an intimate and friendly environment, in small groups taught by research-active staff.

Facilities and resources
The School has a Multimedia Centre with the latest electronic technology to enhance the learning and practice of oral and aural skills.

The Department enjoys an excellent reputation nationally, consistently being ranked amongst the top departments of Russian in the UK. It has a proven track record of excellence in teaching and combines this with internationally recognised research in a range of fields. We are extremely proud of the calibre of our graduates who are sought out each year by a wide range of employers, including law firms, financial institutions and NGOs, or who go on to further study.

What will I study?
At the core of our curriculum lie modules dedicated to a sound knowledge of the language. The majority of our graduates begin their study of Russian here with no prior knowledge of the language. Students who already have a suitable pre-university
The Russian Department keep things challenging and interesting; I have gained so much experience and made friends from all over the world. I also had the opportunity to spend time studying abroad at St Petersburg State University. I really enjoyed being able to build upon the Russian skills I’d learnt in St Andrews with native speakers.”

Caitlin (Renfrew, Scotland)

Qualification in Russian (e.g. A-Level, Higher, IB) follow a separate language course for the first two years. All of our language modules aim to combine modern ‘communicative’ methods with sound grammatical accuracy and a high level of oral aptitude. These language modules are supplemented by a wide range of modules dedicated to literature, film, cultural history and contemporary Russian society. The aim of such modules is to allow you a deeper and more diverse understanding and appreciation of different aspects of Russian culture. At the same time you will develop the ability to analyse and discuss critically, to present a reasoned argument and to use online resources in Russian. The building of a high level of competence in language skills is a priority in all modules, and you will be expected to write using correct spelling, grammar, and punctuation in both Russian and English. A recommended part of the programme is the period spent in Russia studying at a university or language institute. Stays abroad can range in length from six weeks to a full academic year and can be combined with residence in a Russian home to maximise exposure to Russian language and life.

Upon completion of their degrees, our students have an excellent command of the language and have gained an invaluable understanding and appreciation of the Russian-speaking world.

**Russian element of your Honours degree**

First year (2 x 20-credit modules required)

We have modules designed to cater for students with no prior knowledge of the language as well as modules for those who have a school qualification. None of our modules are designed for native or heritage speakers of Russian.

Second year (at least 40 credits overall required)

The distinction between beginners and non-beginners is maintained, with separate sets of modules depending on previous experience. Many students will supplement their study of the language with modules focusing on literature and culture.

Honours – third and fourth years

(4 x 15-credit core modules required and at least 4 other 15-credit modules required over 2 years)

Many students go to Russia for a year after second year, or for a semester in the second half of their Junior Honours year. In Senior Honours all students come together for the final lap of the language curriculum.

Apart from the core language modules, at Honours you may choose from a variety of Russian modules in literature, film or cultural history, in order to complete the required number and spread of credits. Students may also opt to write a dissertation in their Senior Honours year under the guidance of one of our research-active staff.

Modules currently available, but subject to change (see information on Curriculum development, page 7), include or cover aspects of:

- Russia’s Literary Easts
- The Nineteenth-century Russian Novel
- The Fantastic in Nineteenth-Century Russian Literature
- Russian Crime Fiction
- Soviet Culture Under Stalin
- The City in Soviet and Russian Cinema
- Russian Modernist Fiction: 1900-1940
- Issues in Russian Cultural Memory
- Russian ‘Village Prose’: 1953-1980
- Gender in Russian Literature and Culture

**Typical class sizes and teaching information**

Language teaching: 5 - 20

First year: lectures 40 - 60, tutorials 10 - 15

Second year: 15 - 30

Honours: language classes 5 - 15, seminars 5 - 12

Russian language teaching is conducted in classes of between five and twenty students with small groups for conversation classes. Literature and culture classes follow a seminar format.

**Typical methods of assessment**

At all levels the assessment pattern varies depending on the individual module, but coursework is always significant with all module grades based on at least 40% coursework.

**Study abroad**

Honours degrees With Integrated Year Abroad (WIYA) in Russia involve residence there for the academic session between second and third years. If you take the four-year degree instead, you may apply to go to Russia for the second semester of third year. In each case, you are placed on a university language course. All arrangements are made with considerable help, advice, and support from the Russian Department.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

You may also apply to study abroad under the University’s St Andrews Abroad programme. See page 22.

**Careers**

Russia’s political and economic significance in the world means ever-multiplying career prospects for those who can communicate in Russian. Graduates have gone into the British Foreign Office, the Civil Service, journalism, law, teaching, the armed services, accountancy, and management consultancy. Others work as educators in Russia and Eastern Europe or pursue graduate study.

See also page 46 for details of the University’s Careers Centre.
Social Anthropology

Degree options in the Faculty of Arts

MA (Single Honours degree)
Social Anthropology

MA (Joint Honours degrees)
Social Anthropology and one of:
- Ancient History
- Ancient History & Archaeology
- Arabic
- Art History
- Classical Studies
- Classics
- Comparative Literature
- Economics
- English
- Film Studies
- French
- Geography
- German
- Greek
- International Relations
- Italian
- Latin
- Mediaeval History
- Middle East Studies
- Modern History
- Persian
- Philosophy
- Psychology
- Russian
- Scottish History
- Spanish
- Theological Studies

MA "with" degrees
Honours in which the majority of the course deals with the first-named subject:
- Economics with Social Anthropology
- Geography with Social Anthropology
- Social Anthropology with Geography

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AABB (see specific subject footnotes above)
GCE A-Levels: AAB (see specific subject footnotes above)
International Baccalaureate Points: 35 (see specific subject footnotes above)

For full Faculty entrance requirements, see page 53.

For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific requirements as outlined on their pages.

For further country-specific qualifications and pre-degree foundation programmes see:
www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – No.

Subject enquiries
E: socanthadmin@st-andrews.ac.uk

Why study Social Anthropology here?

- In the UK’s National Student Survey 2016 our Department gained a student satisfaction rating of 98% for our teaching.
- 1000-level modules focus on topics of popular interest, such as economic development and the relationship between human society and its environment. Non-Western societies conceptualise these topics in a radically different manner from Western society.
- 2000-level modules provide a thorough grounding in the discipline and – unique to St Andrews – the opportunity to conduct an ‘ethnographic encounters’ fieldwork project.
- Honours modules allow for the exploration of a variety of important anthropological themes in depth.
- Teaching at all levels is informed by the research interests and accomplishments of lecturing staff.

Facilities and resources

The Department has grown over recent years and has built on its particular strengths in the study of societies of the Pacific, South America, the Caribbean, Europe and Africa. It has increased its visual anthropology teaching and has a very strong reputation for its work on the anthropology of the arts. Most recently, the Centre for Pacific Studies has been awarded major funding to assess the effects of climate change on island communities in Oceania. As a research-led teaching department all these developments will feed into your experience of learning and studying in the Department.

Current staff specialisations

There is a very strong interest in Amazonian and Andean anthropology in the Department, although other staff specialisations include the anthropology of West and East Africa and Melanesian anthropology, particularly Papua New Guinea. Visual anthropology is a significant new development here and staff have further regional interests in the Caribbean. We have a very strong presence in the anthropology of Europe.

The Department has three research centres: Centre for Amerindian, Latin American and Caribbean Studies, the Centre for Pacific Studies and the Centre for Cosmopolitan Studies, which has a well-established record of research and publication on cosmopolitan ideas and practices, sponsoring numerous conferences and other events.

What will I study?

Social anthropologists explore human social organisations and customs from a comparative cross-cultural perspective, we focus on the experience of groups and individuals in different socio-cultural settings. Social Anthropology at St Andrews deals with the full variety of human contexts, although a chief focus is still on societies beyond Europe and North America. The Department concentrates on the similarities and

Return to Subjects
“Studying Social Anthropology at St Andrews has been a challenging and rewarding experience. The Department is full of skilled and friendly staff with an expertise in a wide range of subjects and regions. The knowledge and support I have received during my time here has helped me to discover what I’m truly passionate about and has given me the confidence to pursue it. I know that my time here will have fully prepared me for a successful and exciting career ahead.”

Catherine (Union City, California, USA)

differences between pre-industrial and industrial societies, and is very much concerned with change in our contemporary world. Anthropology at St Andrews has a distinctive orientation that combines interpretative, experiential, philosophical, and historical research that is politically engaged, reflexive and critically aware. The Department is very highly rated in national subject surveys, for example in the UK’s Complete University Guide it has been ranked in the top five every year since 2011.

Social Anthropology element of your Honours degree

First year (2 x 20-credit modules required)
You are introduced to the variety of societies that anthropologists study and to some key theoretical approaches. The first module concentrates on the increasing relevance of anthropology to issues in the contemporary world whilst the second focuses on the cultural aspects of social life such as cosmology, ritual and language – including our own.

Second year (2 x 20 credit modules required)
You are presented with the variety of perspectives for the study of human social life, including the theories of Durkheim, Malinowski, Evans-Pritchard, Lévi-Strauss and Geertz, and to all the basic concepts necessary to pursue anthropological enquiry. One module concentrates on the history of the discipline, and another module – a St Andrews innovation – especially focuses on how to do anthropology and includes an opportunity for you to conduct your own ‘ethnographic encounters’ mini-fieldwork projects.

Honours – third and fourth years
We look in detail at selected areas of social anthropology, and provide a combination of key disciplinary and optional modules in recognition of divergent student interests by this stage. You will take modules in anthropological theory and research methods in your Junior Honours year. These modules are particularly important as preparation for the dissertation which is completed in Senior Honours. You also choose modules of particular interest from a range of options offered each year, which explore societies in certain regions of the world, such as Latin America, The Pacific, Britain and West Africa or focus on specialist topics, such as Visual Anthropology, Language and Culture, Anthropology and History, Sex and Gender, and Indigenous Peoples and Resource Extraction.

Typical class sizes and teaching information

First year: lectures 300 - 350, tutorials 10 - 12
Second year: lectures 100, tutorials 10 - 12
Honours: class sizes are capped at 30, and are usually considerably smaller

In first and second years, classes meet four times per week in a programme of lectures, tutorials, workshops and the showing of ethnographic films. Tutorial groups meet once a week to discuss prepared reading. In all years assessment is through essays, project work and examinations, and makes use of a diversity of assessment methods such as take-home exams, student diaries and creative writing. In Honours instruction is predominantly through seminars which combine elements of lectures, films, presentations and discussions. You progress through a planned programme which draws on a variety of module options. A student doing Single Honours can expect to attend seminars, lectures and tutorials for at least six hours each week. An important component of Honours is the writing of a supervised dissertation where you can independently explore a theme of your own choice, which can include fieldwork in a selected community.

Typical methods of assessment
At all levels, at least 40% of the grade is based on coursework. The balance is made up of either further coursework or examinations, depending on the individual module.

Scholarships
Junior Honours students in Social Anthropology can apply for a Ladislav Holy Memorial Scholarship, around three of which are awarded each year. These contribute towards travel and subsistence costs relating to anthropological fieldwork in the summer vacation between the Junior and Senior Honours years.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

In the academic year 2017-2018, Social Anthropology Honours students may participate in Study Abroad for either one or two semesters at University of Copenhagen and the University of Stockholm, both of which offer a range of courses taught in English.

For options available during your intended period of study, as well as information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

Careers

A degree in Social Anthropology is important for any career where knowledge of other cultures is vital, such as in overseas development or in community relations work in Britain. Students with degrees in Social Anthropology have also proceeded to a wide range of careers, including the diplomatic service, social work, law and business. Any occupation that requires a sensitivity to different ways of life, or which demands the manipulation of theoretical ideas and detailed empirical data, benefits from the study of Social Anthropology.

See also page 46 for details of the University’s Careers Centre.
Spanish

**See also Modern Languages page 130**

**Degrees all available With or Without Integrated Year Abroad**

**Degree options in the Faculty of Arts**

**MA (Single Honours degree)**
- Spanish

**MA (Joint Honours degrees)**
- **Spanish and one of:**
  - Ancient History
  - Arabic
  - Art History
  - Classics
  - Comparative Literature
  - Economics
  - English
  - Film Studies
  - French
  - Geography
  - Middle East Studies
  - Modern History
  - International Relations
  - Italian
  - Latin
  - Management
  - Mathematics
  - Mediaeval History
  - Anthropology
  - Theological Studies

- **MA (Honours degrees) in**
  - Spanish and two of French, German, Italian, Persian, Russian
  - Spanish and (one of French, German, Italian, Russian) and Comparative Literature
  - Modern Languages (Spanish and [one of French, German, Italian, Persian, Russian] and of Ancient History [Ancient], English, Italian, International Relations, Latin, Management)
  - Modern Languages (Spanish and [one of French, German, Italian]) and Greek (Ancient)
  - Mediaeval Studies (see page 106)

- **MA “with” degrees**
  - Economics with Spanish
  - Geography with Spanish
  - Mathematics with Spanish
  - Spanish with Geography

**Why study Spanish here?**
- Degree programmes that engage with the language, culture and history of 21 countries.
- A wide range of topics, from the early modern period to the twenty-first century.
- A lively and communicative approach to language teaching.
- A team of high-profile, internationally-recognised, skilled and research-active academics, with specialised language teachers.
- A friendly and dynamic learning environment with an active Student Hispanic Society.
- Spanish was ranked top in Scotland and seventh in the UK in the Complete University Guide 2017 (Iberian Languages).

**Facilities and resources**
- The School has a Multimedia Centre with the latest electronic technology to enhance the learning and practice of oral and aural skills.

**What will I study?**
Spanish at St Andrews is taught as a world language and offers a broad and diversified experience in a structured degree programme. Together with the many transferable skills acquired the degree will open many professional doors not limited to the Hispanic world. The primary objective of all our courses is knowledge and precise usage of the language, as well as to develop intellectual and cultural competence and to acquire communicative skills which will be valuable in any career. You will also gain the ability to analyse and discuss critically, to present a reasoned argument and to use Information Technology. The building of a high level of competence in language skills is a priority in all modules, and you will be expected to write using correct spelling, grammar and punctuation in both Spanish and English.

Spanish itself is studied in many contexts, including journalism, history, commerce and entertainment, in addition to the rich and interesting forms it takes in literature and cinema. Language is, after all, a social and historical phenomenon and literature is a sensitive and imaginative record of how meaning has been communicated throughout Spanish-speaking communities, both past and present. Our studies aim to explore the great continuities and shifts within Spanish and Spanish American culture, from its early beginnings to the Spain and Latin America of today.

**Subject enquiries**
- **Dr Catherine O’Leary**
  - E: spanishhod@st-andrews.ac.uk

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**Do I need previous knowledge of this subject?**
- No.

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**Likely grades considered for an offer**
- For full Faculty entrance requirements, see page 53.

- For degrees combining more than one subject, the subject with the higher likely grades determines the grades you need. You will also need to meet any further subject-specific Entrance requirements as outlined on their pages.
I took up Spanish as a complete beginner in my first semester – four years later, I can’t imagine studying anything else! The Department is very welcoming and offers a huge range of modules, from literature to history, cinema and linguistics. I’ve been lucky enough to travel widely around the Hispanic world: I spent my third year working in Madrid, and recently volunteered in Peru thanks to the generosity of the Alex Richardson Award.”

Sarah (Leeds, West Yorkshire, England)

Spanish element of your Honours degree
First year (2 x 20-credit modules required)
Students with no previous knowledge of the language are offered an intensive study of the language together with the study of three carefully chosen texts and one film. You are also introduced to a varied programme of language work. A satisfactory pass in Spanish for Beginners 1 and Spanish for Beginners 2 gives access to second year modules.

Students who have an SQA Higher pass or GCE A-Level or GCSE (or equivalent) take Spanish Language and Texts 1 and progress to Spanish Language and Texts 2 in the second semester. The work includes comprehension, formal grammatical study, written and spoken Spanish (with an emphasis on communicative skills); an introduction to literature and film.

Second year (at least 2 x 20-credit modules required)
The language element of the core modules represents a progression from first year, based on a wide variety of language exercises, and provision is made for former beginners’ special requirements. These elements are complemented by a focus on the nature and methodologies of literary analysis, expression and form in the theatre, the novel and poetry, and on defined periods using selected texts from the mediaeval and the Golden Age to the present day. Another module, available to all but recommended in particular for those intending to take Spanish at Honours level, focuses on the development of language and communicative skills through the analysis of films from the Spanish-speaking world.

Students may apply to go either to Spain or Latin America for a year after second year – see Study abroad below.

Honours – third and fourth years
(4 x 15-credit core language modules required and at least 8 other 15-credit modules required over 2 years) In Honours we offer four consecutive and cumulative 15-credit language modules. There are a variety of additional Spanish optional modules in literature, language, linguistics, cinema and history which vary from year to year. In Senior Honours there is also the option of a supervised dissertation on a topic of your personal interest, and the possibility to take a practical broadly-based Communication and Teaching module.

Typical class sizes and teaching information
First year: lectures 50 - 100, seminars 12 - 15, language classes 12 - 15
Second year: lectures 50 - 70, seminars 12 - 15, language classes 12 - 15
Honours: lectures and seminars 10 - 20, language classes 10 - 12

Both Spanish language and literature are taught through a variety of lively and communicative methods all of which are student-centred and which encourage student participation. Our staff have designed most of the teaching materials. The literature component is taught through lectures and small seminar groups to establish a dialogue with the historical, political, and aesthetic preoccupations of the Spanish-speaking world.

Typical methods of assessment
All our modules are assessed by at least 40% coursework, with the balance of assessment made up either by further coursework, or written examinations, depending on the module.

Study abroad
Students who spend a year or a semester abroad gain valuable experience for life as well as for study, enhancing their ability to compete effectively for employment after graduation. Spanish Honours degrees With Integrated Year Abroad (WIYA) involve residence in Spain or in Latin America for the academic session between second and third years. UK students may apply for teaching placements in schools abroad through the British Council’s Language Assistantship scheme. Alternatively, you may organise a work placement with the approval of the Department. In 2017-2018, Spanish students may also participate in Study Abroad during the third year of the degree course (Junior Honours) as an exchange student at one of our Erasmus+ partners in Spain or at the University of Montevideo. All of these opportunities are competitive and are subject to successful completion of modules.

For further information about eligibility, the application and selection process, and costs involved, please see: www.st-andrews.ac.uk/studyabroad

You may also apply to study abroad under the University’s St Andrews Abroad programme. See page 22.

Careers
Recent graduates have gone into areas such as teaching, journalism, law, international business, publishing and media, the civil service and NGOs. Many graduates pursue postgraduate study in languages and literatures, translation studies and teaching. Others study law, or information technology.

See also page 46 for details of the University’s Careers Centre.

Scholarships
Spanish prizes include:
• Colmenaros Prize for a first or second year student
• Alex Richardson Award for a second or third year summer project
• Douglas Gifford Latin American Travel Bursary by application.
• Alan Paterson Prize awarded to the most outstanding final year student in Spanish.
• Bernard Bentley Prize awarded to the best ab initio student in Spanish.
Sustainable Development

Why study Sustainable Development here?

* Addresses pressing issues for humanity through critical interrogation of the concept of ‘sustainable development’.
* Employs an integrated and holistic approach spanning arts and sciences, drawing on experts across disciplines.
* A unique and highly interdisciplinary programme. Specialist subject areas include Biology, Chemistry, Economics, Geography, History, International Relations, Management, Social Anthropology.
* Allows you to tailor your individual programmes of study through selection of partner subjects.
* Research-led degree orientated around problem solving, linking theoretical and practical aspects of sustainable development.
* Set of varied assignments and experiential learning that enhance employability.
* The programme has close links with broader sustainability initiatives, offering scope for practical involvement.
* Part of an institution that is on course to become the UK’s first carbon neutral university.
* The School was top in Scotland in the UK’s Research Excellence Framework 2014.

Degree options

BSc or MA (Single Honours degree)

Sustainable Development BSc

For BSc degrees – at least two Highers or one A-Level must include Biology (or Human Biology), Chemistry, Computing Science or equivalent, Geography, Geology, Mathematics, Physics, or Psychology.

Joint Honours degrees are being proposed, please check online at your time of application for options available.

The BSc degree requires that at least 40 credits are gained in Science subjects in 1000- and 2000-level modules – see Cross-Faculty subjects on page 5.

Likely grades considered for an offer

We consider all aspects of every application, including context, equivalent qualifications and the Personal Statement and offers may be higher or lower than the grades stated here.

SQA Highers: AAAB BSc
GCE A-Levels: AAA BSc
International Baccalaureate Points: 36

For BSc degrees – at least two Highers or one A-Level must include Biology (or Human Biology), Chemistry, Computing Science or equivalent, Geography, Geology, Mathematics, Physics, or Psychology.

For full Faculty entrance requirements, see page 53.

For further country-specific qualifications and pre-degree foundation programmes see:

www.st-andrews.ac.uk/study/international

Do I need previous knowledge of this subject? – No.

If you are most interested in Arts subjects as partner subjects within Sustainable Development, then you should apply for the MA degree; if you are most interested in Science subjects, you should apply for the BSc degree.

Subject enquiries

Dr Charles Warren
School of Geography & Sustainable Development
E: gg@st-andrews.ac.uk

What will I study?

The University of St Andrews is a world-class learning community in which top-level research influences educational design and practice, and all programmes are reviewed and updated on a regular basis. We are currently reviewing and modernising the undergraduate curriculum for Sustainable Development. The information below is an example of what the curriculum covered in 2016-2017. When the curriculum has been approved, full details will be available online under Subject information – 2018 entry: www.st-andrews.ac.uk/study/ug/prospectus

Sustainable Development element of your Honours degree

First year (2 x 20-credit modules required)

Our first year modules illustrate the breadth of issues involved in sustainable development, examine what this much-used term means and explore what its implications are. They explain how
“Sustainable Development was the perfect opportunity for me to explore topics I found interesting, learn about a wealth of themes, and create a selection of modules tailored to my skills and interests. As a result, I started a job in local energy immediately after university, and the degree has stood me in great stead for my career, not only in the practical information I gained, but in the analytical and outward-looking approach I developed.”

Jennifer (BSc Sustainable Development 2011)
Project Manager, Local Energy Scotland

sustainable development has emerged as such a powerful idea, and examine different disciplinary perspectives on the issues that it should be addressing, as well as exploring the value of an interdisciplinary approach in tackling unsustainable practices. They also introduce underpinning ideas such as social justice, human well-being, intergenerational equity and environmental stewardship.

Second year (2 x 30-credit modules required)
The focus of the second year modules in Sustainable Development – Frameworks for Implementation and Tools for Action – is on the practicalities of how to move from unsustainable to sustainable pathways. A range of conceptual and practical approaches are explored, including traditional governance and regulation, the market-based mechanisms of environmental economics, behavioural change, community-based enablement, and the principles of conservation science. This programme also provides training in ‘the tools of the trade’ – the methods of gathering and analysing evidence so that problems can be understood and addressed.

Honours – third and fourth years
(Compulsory modules totalling 120 credits and the balance of credits chosen in consultation with an Adviser of Studies)
At Honours level, the compulsory modules engage with a range of important contemporary debates surrounding sustainable futures, and provide training in advanced research methods, including statistical and qualitative analytical skills. In addition, you will choose from a range of modules from different Schools that allow you to pursue your specific interests and explore the practice of sustainability; these may include field visits. In the final year, a research project allows you to combine your expertise from partner disciplines with an understanding of sustainable development in researching a topic of your choice, with structured support from an academic in an appropriate School. Training for this includes a residential field course where you will learn how to do research.

Typical class sizes and teaching information
First year: lectures 150 - 200, seminars 15 - 25, tutorials 8 - 12
Second year: lectures 80 - 100, seminars 15 - 20, tutorials 8 - 10
Honours: 10 - 30, laboratories and seminars 10 - 30, tutorials 1 - 5, research project – individual supervision

Teaching is based on semester-length modules comprising lectures, tutorials/seminars, laboratory classes, field excursions, a range of assignments, investigations of case studies and research projects. Performance is measured by continuously assessed work, examinations and, at Honours, by a research project. You are encouraged throughout the programme to develop literacy and numeracy skills and to acquire appropriate IT and life skills.

Typical methods of assessment
Most of the specific SD-coded modules are assessed by a variety of methods that include coursework and examinations. Students will also gain experience in presentations and individual research projects.

Fieldwork support
The Department subsidises all required fieldwork, reducing the charged cost to <£50 in each of the first two years. The cost of the Honours field trip is around £300 - 500; students experiencing financial difficulties can apply to the Department's Hardship Fund which may cover some or all of this cost. Students also have the opportunity to apply for Departmental scholarships.

Study abroad
You may apply to the University’s St Andrews Abroad programme. See page 22.

Careers
St Andrews was one of the first universities to offer undergraduate degrees in Sustainable Development. Our graduates are highly literate and numerate, with a unique combination of skills acquired at a prestigious university. At a time when sustainable development is rising ever higher up the national and international agenda, and as businesses and organisations accept the need to adopt more sustainable practices, graduates with a degree in Sustainable Development are in strong demand. Career pathways are very varied, reflecting the breadth of the subject, but include central and local government, NGOs, teaching, conservation and other environmentally related areas, impact assessment, management, strategic planning and consultancy. Many will proceed to further training, acquiring applied skills in a sustainability-related area or undertaking postgraduate research.

See also page 46 for details of the University’s Careers Centre.

Graduate comments:
“My role has been more about sustainability in its broadest sense (balancing social, environmental and economic factors). It is this latter understanding of SD, which I gained in great depth from the degree, which has allowed me to take this approach within Rydon.”

Catriona (graduated 2010)
Rydon Group (Sustainability Consultancy), Sustainability leader

“The degree gave me a great grounding in how to think critically, and a strong background in renewable energy systems. Most of all, the interdisciplinary nature of the degree gave me a broad outlook, which is important in my job – we deal with a huge range of technical, social, environmental and political issues whilst assisting community energy projects, so this was very useful.”

Jamie (graduated 2008)
Community Energy Scotland, Development Officer
Travelling to St Andrews

**Bus / Coach**

St Andrews bus station is very close to the centre of town. Timetables can be accessed from: www.travelinescotland.com

**Rail**

The nearest train station is Leuchars (five miles from St Andrews) on the main line from London (King’s Cross) – Edinburgh – Aberdeen. Timetables and an online route planner can be found at: www.travelinescotland.com

There are buses running regularly (every 15 minutes) from Leuchars train station into St Andrews. Taxis are also available at the station.

**Road**

See sketch map

(a) From south, cross Forth Road Bridge and proceed north along M90 to junction 3. Follow the A92 until just before Cupar, then join the A91 to St Andrews or on M90 continue to junction 8, then by A91 to St Andrews.

(b) From south-west, either go east along M8 to Forth Road Bridge and then by route (a), or by Clackmannanshire Bridge and A977 towards Kinross, joining M90 at junction 6 and exit at junction 8 as above.

(c) From north-west leave Perth on M90 to junction 9 then by A913 to Cupar and St Andrews.

(d) From north via Dundee, cross Tay Road Bridge on A92 and after 1 mile via A919 to Leuchars and A91 to St Andrews.

Specific driving directions can be obtained from: www.maps.google.co.uk/maps

**Air**

The nearest airports are Edinburgh (EDI) and Dundee (DND). More information: www.skyscanner.net for flights and connections.

**Parking**

Free parking in St Andrews town centre is extremely limited, however metered parking is available.

**Overnight accommodation**

The Tourist Information Office has lists of approved accommodation in the area. They will be able to reserve accommodation for you as well as offering ideas of where to go, what to see and, of course, the best ways of getting there. There are plenty of hotels, guest houses and bed & breakfasts in the town/area to suit most tastes and budgets.

St Andrews Tourist Information Office
70 Market Street, St Andrews
T: +44 (0)1334 472021
E: standrews@visitscotland.com
W: www.visitstandrews.com

Outwith semester-time, you may be able to stay in University managed accommodation. For more information, contact Residential & Business Services

T: +44 (0)1334 462000
W: www.discoverstandrews.com
Contact

**Admissions**

www.st-andrews.ac.uk/study
T: +44 (0)1334 462150

**Prospective students**
If you have not yet applied and want to ask a question:
E: admissions@st-andrews.ac.uk

**Post-application**
If you have a question after you have submitted an application:
E: myappplication@st-andrews.ac.uk
T: +44 (0)1334 462151

**Visiting Days**

We encourage everyone applying to the University to visit St Andrews to find out more about the town, University and your subject(s) of choice. It is also a great opportunity to meet academics, Admissions staff and some of our students.

You are welcome to book onto any of our Spring and Autumn Visiting Days. Dates, times and the booking process can all be found online at:
www.st-andrews.ac.uk/study/ug/meet-us/visiting-days
Travelling to

www.visitstandrews.com  www.discoverstandrews.com
E: standrews@visitscotland.com  T: +44 (0)1334 462000

Information, contact Residential & Business Services T: +44 (0)1334 472021
70 Market Street, St Andrews University managed accommodation. For more
St Andrews Tourist Information Office Outwith semester-time, you may be able to stay in
guest houses and bed & breakfasts in the town/area to suit most tastes and budgets.
They will be able to reserve accommodation for you as well as offering ideas of where to

Parking
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however metered parking is available.

Air
The nearest airports are Edinburgh (EDI) and Dundee (DND).

Road
Specific driving directions can be obtained from:
(b) From south-west, either go east along M8 to Forth Road Bridge and then
follow the A92 until just before Cupar, then join the A91 to St Andrews
(c) From north-west leave Perth on M90 to junction 9 then by A913 to
Leuchars and A91 to St Andrews.
(d) From north via Dundee, cross Tay Road Bridge on A92 and after 1 mile
on A917
(e) From east via Edinburgh, cross Forth Road Bridge at
Edinburgh – Aberdeen. Timetables
(f) From north via Leuchars on M90 continue to junction 8, then by A91 to St Andrews.
(g) From west via Edinburgh – A90 to junction 3. See sketch map

Rail
The nearest train station is

Bus / Coach

Overnight accommodation

www.st-andrews.ac.uk/study/ug/meet-us/visiting-days
Booking process can all be found online at:

And Autumn Visiting Days. Dates, times and the
opportunity to meet academics, Admissions staff and
University and your subject(s) of choice. It is also a great

to visit St Andrews to find out more about the town,
We encourage everyone applying to the University

www.st-andrews.ac.uk/study