Facts and Figures

**Student FTE (Full Time Equivalent) as of October 2015**

- Undergraduates: 6,763
- Postgraduates (PG): 1,657
  - Masters total: 779
  - Research total: 878
- PG Masters students from the UK: 23%
- PG Masters students from Overseas: 36%
- PG Masters students from the EU: 41%
- 65% PG Masters students in University-maintained accommodation

**University Staff FTE (Full Time Equivalent) as of 31 July 2015**

- Academic: 1,157
- Support: 1,297

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

**Research quality**
The University is one of Europe’s most research intensive seats of learning. It is the top rated university in Scotland for teaching quality and student satisfaction. In the Research Excellence Framework (REF) 2014, the University was ranked top in Scotland for quality of research output and one of the UK’s top 20 research universities.

[www.st-andrews.ac.uk/research/quality/ref2014](http://www.st-andrews.ac.uk/research/quality/ref2014)

**Times Higher Education World Rankings 2015-2016:**
Placed 86th in the world and 50th for Arts and Humanities

**QS World Rankings 2015-2016 – 68 (out of 800)**
Research output ranked as ‘Very High’
13 subjects were ranked in the top 200:

1. Philosophy
2. Chemistry
3. English Language & Literature
4. Geography
5. History & Archaeology
6. Politics & International Studies
7. Psychology
8. Accounting & Finance
9. Biological Sciences
10. Earth & Marine Sciences
11. Materials Science
12. Modern Languages
13. Physics & Astronomy
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Welcome to St Andrews

Welcome to the Postgraduate Prospectus of the University of St Andrews. We are delighted that you are considering joining the growing ranks of our vibrant postgraduate population. Over the following pages we have endeavoured to include the kind of detailed information that will help you to make an informed choice from among the wide range of options open to you.

More than 1,600 postgraduates study in one of our four Faculties of Arts, Divinity, Medicine and Science, and my colleagues and I very much hope that you will decide to join their number. We believe St Andrews to be a remarkable and exciting institution which combines the cosmopolitanism of an international university with a strong sense of community derived from its location in a small and ancient town. The scale of the University allows us to compete successfully for private and public funding for our path-breaking research while being small enough to provide individual attention to everyone who chooses to study here. We believe we combine the best of the global and the local. We hope you agree.

Professor Garry Taylor FRSE
Acting Principal and Vice-Chancellor

St Andrews welcomes Masters students from all over the world, and we recognise that you are a very special group of people. You have to pack a lot of new learning into a very short time – just one year for most of our programmes – at the same time as you are busy settling in, making friends and thinking about what to do after you have earned your degree. It is a time for important transitions and new orientations, so the experience can be intense – but also intensely energising!

We do our very best to support students in making the most of all their Masters (or Taught Postgraduate) activities, from your special Induction event in September right through to graduation. Whatever your reasons for wanting to undertake Masters level study, I hope you will find a programme that suits you in St Andrews, and I look forward to welcoming you into our bright, lively and international community.

Professor Lorna Milne
Vice-Principal (Proctor)
Get in Touch

The Admissions team are here to offer information on all aspects of postgraduate study at St Andrews. Our personal and friendly approach reflects the ethos of the University as a whole, and the community spirit that exists here. There are a number of ways you can get in touch.

Email us at: pgrecruitment@st-andrews.ac.uk

Visiting Day dates
Wednesday 16 November 2016 and Wednesday 8 March 2017

Visiting Days

There are two visiting days each year specific to postgraduate study. You will have the opportunity to meet academic staff and see the facilities throughout the University. The booking form is available to download from the Visiting Day webpage.

We strongly recommend that you attend one of our scheduled visiting days. However, if you are unable to make the dates listed, then you are welcome to make an individual visit on a day that suits you, Monday to Friday, from 10am. You will meet with a member of our Admissions team on a one-to-one basis and also go on a tour with a current student. If possible, we will arrange for you to meet a member of staff from the academic area in which you are interested. Just get in touch to arrange a suitable date.

www.st-andrews.ac.uk/study/pg/meet-us/visiting-days
E: talk.tour@st-andrews.ac.uk

Meet us in your country

Alternatively, we visit various countries around the world each year and we also have in-country agents to advise on the application process, give information and advice about specific programmes and answer questions about our town and country. You can find information about our representatives and agents, as well as other important information by visiting our entrance requirements webpage and selecting your country. www.st-andrews.ac.uk/study/meet-us

Online

www.st-andrews.ac.uk/study/pg/meet-us-online

Web chats and Adobe Connect

Sessions range from general information to subject and research specific discussions. We regularly host live online events to answer your questions. To find out about future web chats please email us: pgrecruitment@st-andrews.ac.uk

Facebook

This is a place for friendly, informal discussion between prospective students and applicants, and our staff. We use this group to answer questions, to keep students informed about upcoming events, and to relay published reports where the University of St Andrews appears in the news.

www.facebook.com/groups/stapgrecruitment

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# A Week in the Life

**Jeremy**  
(Cambridge, England)  
MLitt Art History

<table>
<thead>
<tr>
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<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-10am</td>
<td>Independent study</td>
<td>Independent study</td>
<td>Independent study</td>
<td>Independent study</td>
<td>Hall Committee meeting</td>
<td>Visit to Glasgow art galleries</td>
</tr>
<tr>
<td>10-11am</td>
<td></td>
<td></td>
<td></td>
<td>Independent study at Main Library</td>
<td></td>
<td>Brunch with friends at a café in town</td>
</tr>
<tr>
<td>11am-12pm</td>
<td>Attend tutorial on Paragons of the Northern Baroque, Rubens and Rembrandt</td>
<td>Attend tutorial on School: Images, Spaces, Artefacts and Ideas of Learning</td>
<td>Meet with course tutor to discuss essay topics</td>
<td>Art On The Rocks exhibition planning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12-1pm</td>
<td>Lunch in Deans Court postgraduate hall of residence</td>
<td>Lunch in Deans Court</td>
<td>Thesis preparation</td>
<td>Independent study at Main Library</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-2pm</td>
<td>Deans Court Social Secretaries meeting to plan hall events</td>
<td>Study in Main Library</td>
<td></td>
<td></td>
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<tr>
<td>2-3pm</td>
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<tr>
<td>3-4pm</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-5pm</td>
<td>Beach running</td>
<td>Postgraduate research seminar in School of Art History</td>
<td>Coffee with friends in the Rector's Café</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-6pm</td>
<td></td>
<td>On The Rocks Festival - Events Team Committee Meeting</td>
<td>Postgraduate drinks in the School</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-7pm</td>
<td>Dinner in Deans Court</td>
<td>Dinner in Deans Court</td>
<td>Dinner in Deans Court</td>
<td>Setting up social event in Hall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7pm+</td>
<td>Independent reading</td>
<td>Cinema with friends</td>
<td>Clay Pigeon Club social</td>
<td>Social event in Deans Court</td>
<td>Pub with friends</td>
<td>Cook dinner with flatmates</td>
</tr>
</tbody>
</table>
# A Week in the Life

Rachel
(Owego, New York, USA)
MSc Sustainable Development

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-10am</td>
<td>Breakfast with a friend at the Rector’s Café</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10-11am</td>
<td>Reading and preparation for lectures at the Rector’s Café</td>
<td>Studying at Main Library</td>
<td>Responsible Investments lecture</td>
<td>Walk along the beach at West Sands</td>
<td>Volunteering with Transition at Refresher’s Fair</td>
<td></td>
</tr>
<tr>
<td>11am-12pm</td>
<td>Dissertation lecture</td>
<td>Lunchtime résumé/CV workshop at the Careers Centre</td>
<td>Lunch with classmates in Gateway Café</td>
<td></td>
<td></td>
<td>Return from Edinburgh</td>
</tr>
<tr>
<td>12-1pm</td>
<td>Lunch with a friend on Market Street</td>
<td>Lunch with classmates</td>
<td>Lunch with classmates in Gateway Café</td>
<td></td>
<td></td>
<td>Clothes shopping in town</td>
</tr>
<tr>
<td>1-2pm</td>
<td>Studying at Main Library</td>
<td>Master Class in Sustainable Development. Each week there is a different guest lecture from various Schools in the University</td>
<td>Master Class in Sustainable Development. Each week there is a different guest lecture from various Schools in the University</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-3pm</td>
<td></td>
<td>Work on dissertation at Main Library</td>
<td>Economics for the Environment lecture</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-4pm</td>
<td></td>
<td></td>
<td>Meeting with group for Master Class in Sustainable Development class project</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>4-5pm</td>
<td></td>
<td></td>
<td>Applying for jobs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-6pm</td>
<td></td>
<td></td>
<td>Study in Martyrs Kirk library</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-7pm</td>
<td>Hot yoga class in town</td>
<td>Workout at Sports Centre</td>
<td>Workout at Sports Centre</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7pm+</td>
<td>Relaxing in my flat, talking with my parents and friends back home</td>
<td>Phone call with St Andrews alumni living in the US about career opportunities</td>
<td>Drinks with friends at a local pub</td>
<td>Dinner party with flatmates and friends</td>
<td>Travel by train to Edinburgh for a night out with friends</td>
<td></td>
</tr>
</tbody>
</table>

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Applying to St Andrews

How to apply

When?
Our online applications open in October.
www.st-andrews.ac.uk/study/pg/apply/taught

We encourage you to apply early. Several academic Schools have specific deadlines and these are detailed on the How to Apply page: www.st-andrews.ac.uk/study/pg/apply/taught

Programmes without a stated deadline will close when no further places are available and this will be detailed in the programmes information page: www.st-andrews.ac.uk/study/pg/taught-programmes

You can apply to a postgraduate programme of study while still completing your first degree. Any offer made would then be conditional on attaining the required final result or classification of your undergraduate degree and, where relevant, providing evidence of your English language competence.

How?
All applications for one-year Masters programmes (MLitt, MSc, MRes) can be made online. You should submit all copies of your supporting documents with the application.

The processing time for applications will vary according to the programme and closing date. Decisions are usually made on completed applications within four to six weeks. However, decisions can take longer for programmes where applications are only processed after the closing date has passed.

Entrance requirements

Our minimum academic requirement for entry to most programmes is a 2:1 degree classification from a UK university (or the equivalent) in a subject-related area. If you are offering non-UK qualifications, country-specific information can be found at: www.st-andrews.ac.uk/study/entrance-requirements

Any relevant work experience or qualifications may also be taken into consideration.

The qualifications listed are our minimum requirements for entry. Some academic Schools will ask applicants to achieve significantly higher marks than the minimum. Some programmes require students to have studied a specific subject. Further information can be found in the programme specific pages 28 - 95.

English language requirements for postgraduate study

The scores listed below are our standard requirements. Many Schools specify scores for each component and these are listed at: www.st-andrews.ac.uk/elt/entry/postgraduate

- IELTS (Academic) 7.0
- Test of English as a Foreign Language (TOEFL iBT) 100
- Cambridge English: Proficiency (CPE)* 185
- Cambridge English: Advanced (CAE)* 185

* University of St Andrews Pre-sessional courses.

Overseas students sitting an English language test should take one of the qualifications listed above. We may also ask you to complete our own language assessment and we may decide to interview you. You may be asked to attend a University Pre-sessional programme as an alternative means of satisfying our language requirements. Students who have completed a Bachelor’s degree in a majority English-speaking country, or have graduated from a university where the language of instruction is English, may also be able to satisfy our language requirements. Please refer to our webpages at: www.st-andrews.ac.uk/elt/entry/taught

If English is not your first language, and your Bachelor’s degree was not taught entirely in English, we will require evidence of your English language proficiency. It is important that you are able to engage successfully with your studies and participate actively in the learning that takes place on your degree programme, especially as it is only one year long. The language and culture of academic study in the UK is different from many other countries and for this reason we often recommend or require attendance on a pre-sessional induction. For details, see: www.st-andrews.ac.uk/elt/presessional

If we ask you to attend a Pre-sessional course as part of your conditions of entry, and you require a visa to study in the UK, in order to satisfy our language requirements, you must take the IELTS for UKVI test, and not any of the qualifications listed above.

English language test scores must be notified to the Postgraduate Registry team well in advance of your arrival in St Andrews.

Required documents

An application to St Andrews is not considered complete until copies of the following documents have been uploaded into the section provided in the online application form.

- A copy of your CV / résumé.
- Evidence of your qualification(s) (e.g. your degree certificate and transcript).
- Two academic references. References are automatically requested by email directly to your referees when you submit your application form.
- A sample of written academic work, where applicable. You should check whether written work is required for your intended programme, as well as word limits (see below).
- Evidence of English language proficiency (required if English is not your first language).
- Personal Statement, where applicable. Required for specified programmes, and optional for all other programmes (see below).
Some Schools require the completion of the full online application form AND a short separate form as part of their application process. These additional forms must be submitted along with your other information, and can be downloaded from: www.st-andrews.ac.uk/study/pg/apply/taught/apply.

Further information on work samples and Personal Statements can be found on our How to Apply page: www.st-andrews.ac.uk/study/pg/apply/taught

Please also check the relevant programme pages: www.st-andrews.ac.uk/study/pg/taught-programmes

**After you apply**

**What are the possible decisions on an application?**

Decisions on applications are made by academic staff and returned to the Registry Postgraduate Team, who will email the decision to you. The decision will be one of the following:

- **An Unconditional offer**, which means that you have already satisfied all the academic conditions required for entry and we are offering you a place.
- **A Conditional offer**, which means that you have not yet satisfied the academic conditions required for entry. The condition(s) of your admission will be given in your offer letter and may include the result of your undergraduate degree or evidence of your English language ability.
- **We are unable to offer you a place.**

The offer of a place does not carry with it any guarantee of financial support for that programme. See page 10.

**How to accept an offer**

If you wish to accept an offer to study at St Andrews you should follow the instructions detailed in your offer email. There is normally a time limit by which to reply to us. As part of your acceptance, you will be required to make a pre-payment and this payment will guarantee your place on the programme for the following academic year. The pre-payment amount will be deducted from the cost of your tuition fees.

Details regarding pre-payments can be found here: www.st-andrews.ac.uk/study/pg/apply/after

We recommend that you apply in the calendar year that you wish to begin your studies. Please note that some programmes have specific application deadlines. You will normally be expected to start your studies on the date indicated on your offer letter.

Applications for deferred entry will be considered on an individual basis and only a very small number of deferred offers are made each year. Deferrals will only be granted if they are approved by the academic School or Department that has made you an offer, in conjunction with the Assistant Registrar. Your tuition fee will be set according to your start date, not your application year.

If you are not granted a deferral, or if you want to defer your offer longer than one academic year, you can always submit a completely new application for the year in which you wish to start, which will be assessed as a new application on its own merits.

**Visiting Scholars**

We welcome postgraduate students who seek entry for either a semester or year abroad in St Andrews. You should contact the appropriate academic School or Department in the first instance to discuss these opportunities. The Head of School or Department will make the final decision about acceptance of Visiting Scholars.

**Admissions policy**

The University manages applications within the framework of its Admissions and Equal Opportunities Policy. www.st-andrews.ac.uk/study/pg/policy

Application forms and guidance notes: www.st-andrews.ac.uk/study/pg/taught

**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.

**Contact us**

If you have not already applied for a place at St Andrews: pgreruitment@st-andrews.ac.uk

If you have any questions about your application: pgt.application@st-andrews.ac.uk

Please only send one email to the account relevant to your enquiry so that we can respond as soon as possible.

**Postal address:**
Registry Postgraduate Team, Old Burgh School Abbey Walk, St Andrews, Fife, KY16 9LB
What is a Masters Degree?

Masters degrees allow you to specialise in an academic area of particular interest, developing a range of academic and transferable skills for future employment or more advanced study.

Please note that Masters degrees are not always required for progression to PhD study, particularly in areas of the sciences. You should seek the advice of any School or Department to which you may later apply.

What does it mean to study at Masters level?

You will be expected to independently demonstrate mastery of the following skills and knowledge by the end of your programme:

- Critical thinking and creativity.
- Organisation of information and knowledge acquisition including scanning and organising data, and abstracting meaning from information.
- Analysis, synthesis and appraisal skills.
- An ability to identify assumptions and to evaluate evidence, detect false logic or reasoning, identify implicit values, define terms adequately and generalise appropriately.
- Problem solving and decision making skills.
- Ethics and value judgement.
- Self-awareness as a researcher and the application of critical evaluation to your own underlying methodological assumptions, as well as the methods and techniques used.
- The ability to reflect on your studies and work toward becoming a reflexive professional.

Types of taught programmes

Taught programmes can lead to the award of:

- Postgraduate Certificate
- Postgraduate Diploma
- MLitt or MSc
- MFA, MPhil or MRes

Modes of study

At the University: Our Masters degrees are taught full time and at St Andrews, unless specified otherwise. It may be possible to study for a Masters degree part time, at the discretion of the relevant academic School. Part-time study is not available to students from outside the EEA due to UKVI regulations. If you wish to apply for part-time study, please contact the School or Department which offers your intended degree before applying.

Distance learning: Some of our programmes are available by distance learning, and are taught part time. These programmes include: Adults with Learning Disabilities, Bible and the Contemporary World (also available full time, at St Andrews), Computational Chemistry and Modelling, Psychology of Dementia Care, Sustainable Aquaculture, Terrorism and Political Violence (also available full time, at St Andrews). For more information about these programmes, please see pages 28 - 95.

MLitt and MSc

Master of Letters (Arts or Divinity subjects)
Master of Science (Science subjects or subjects with practical business applications)
Number of credits: 120 credits of taught modules plus a 60-credit dissertation (15,000 words)
Length of study: One calendar year (full time)

How will I be taught?

Over two semesters you will normally be taught in lectures, supplemented by tutorials, seminars, or practical applied work as appropriate to the material.

The dissertation is normally completed in the summer months (see below).

Students who complete all of the taught components, but not the dissertation, may be eligible for a Postgraduate Diploma.

MRes

Master of Research
Number of credits: normally 120 credits of taught modules plus a 60-credit dissertation (15,000 words)
Length of study: One calendar year (full time)

How will I be expected to study?

As this is a research-oriented degree, students are trained for doctoral study. This programme has a significant taught element in the first two semesters and requires you to undertake a dissertation of 15,000 words.

Dissertation

The dissertation is a major element of these (MLitt, MSc and MRes) Masters programmes. It allows scope for further advanced work and is normally completed individually although in some instances you may be required to undertake a group dissertation. Each student is supervised on dissertation work, but a high level of independence is expected of you in completing this work.
MPhil

Master of Philosophy
Number of credits: 120 credits of coursework plus a thesis (40,000 words)
Length of study: Two calendar years (full time)

How will I be expected to study?
The thesis is prepared following the two semesters of coursework and during a second year of full-time study. An MPhil thesis should incorporate primary research, demonstrate a full understanding of the area of study, and make an original contribution to knowledge.

MFA

Master of Fine Arts
Number of credits: 120 credits of taught modules plus an extended piece of work in your chosen discipline
Length of study: Two calendar years (full time)

How will I be taught?
The first year consists of modules taught through technical seminars, workshops and individual tuition. This year is designed to enable students to engage in seminars and tutorials from renowned experts in the disciplines offered within the fine arts. In the second year, students will produce a substantial body of work under the supervision of world-class academics.

Postgraduate Certificate

Number of credits: 60 credits of taught modules (40 credits must be at Masters level)
Length of study: One semester (twelve weeks – full time)

What does it consist of?
The Postgraduate Certificate is offered by a few of our Schools and the length depends on your choice of programme. Most of these are distance learning only. A student whose performance in a Postgraduate Certificate programme is of a sufficiently high standard may be permitted to progress to a Postgraduate Diploma, if available.

Postgraduate Diploma

Number of credits: 120 credits of taught modules (90 credits must be at Masters level)
Length of study: Two semesters (nine months – full time)

What does it consist of?
Direct applications are currently only available for specific programmes. For details see pages 28 - 95.

Many of these are distance learning. A student whose performance in a Diploma programme is of a sufficiently high standard may transfer to an appropriate Masters (MLitt, MRes, MSc, or MPhil) programme and the time spent on the Postgraduate Diploma will be credited towards the fulfilment of the Masters regulations.
Funding Your Studies

Contact us

Fees
T: +44 (0)1334 462123
E: fees@st-andrews.ac.uk

Scholarships
T: +44 (0)1334 462254
E: pgscholarships@st-andrews.ac.uk
W: www.st-andrews.ac.uk/study/pg/fees-and-funding/scholarships/taught

https://twitter.com/StAFunding

Tuition fees

Tuition fees vary depending on the programme you are studying and your assessed fee status. You can find further information on pages 118-119.

International students

If you are classified as an overseas student for tuition fee purposes, you will be liable to pay the overseas tuition fee rate for your programme. There may be funding available from your government, independent sponsors (like your employer), or from other awarding bodies.

British Council: www.britishcouncil.org
Includes comprehensive information about grants and awards for international students studying in the UK.

Education UK: www.educationuk.org
Funding advice and a scholarship search.

US Department of Education: www.fafsa.ed.gov
Loan information and advice for US citizens.

St Andrews US Loans officer: www.st-andrews.ac.uk/students/money/internationalstudents/loansforpostgraduatestudents
A dedicated US Loans officer to assist you.

Isle of Man and Channel Islands

If you are normally resident in the Isle of Man or Channel Islands, you should approach the Island Education Authorities for more information about funding opportunities.

- States of Guernsey Education Department: www.education.gg/article/2127/Funding-for-Study
- Isle of Man Department of Education: www.gov.im/education

Postgraduate Loan – Scotland

Eligible postgraduate students who are normally resident in Scotland, or are non-British EU students, can apply to the Student Awards Agency for Scotland (SAAS) for postgraduate tuition fee and living cost loans. To be eligible for support, you must meet certain residence and previous study conditions and be taking an eligible postgraduate programme. The SAAS website gives further advice: www.saas.gov.uk/full_time/pg

In 2016-2017, funding was available to eligible students on the following programmes at St Andrews:

- Advanced Computer Science
- Applied Statistics and Datamining
- Comparative Literature
- Ecosystem-Based Management of Marine Systems
- Evolutionary and Comparative Psychology
- Finance and Economics
- Geochemistry
- Global Health Implementation
- Health Psychology
- Information Technology
- Legal and Constitutional Studies
- Management and Information Technology
- Museum and Gallery Studies
- Strategic Studies
- Sustainable Development and Environmental Economics

Postgraduate Loan – EU Erasmus+ Master Loans

Currently Erasmus+ Master Loans allow students to apply for financial support for their Masters studies abroad. You should apply directly to participating banks or student loan agencies. The loans are currently available through MicroBank in Spain and BPCE bank in France. Please check for up-to-date information here: www.erasmusplus.org/programmes/master-loan

Postgraduate Loan (PGL) – England

From 2016-2017, loans of up to £10,000 will be available to English students undertaking postgraduate Masters study in the UK.

The Postgraduate Loan (PGL) will be a contribution towards the costs of study and may be used towards fees, maintenance or other costs. PGL will be non-means tested, and paid directly into a UK bank account.

www.gov.uk/student-finance

Pre-payment to secure your offer

Your offer will indicate that you are required to make a pre-payment to accept your offer and secure your place on the programme. Your pre-payment will be deducted from the total cost of your tuition fees.
Living and other costs

Tuition fees cover the cost of tuition. Additional charges, for example field trips, may apply for some modules. Where these are compulsory, charges are noted. All other costs associated with your studies, such as accommodation, travel and living expenses will need to be factored into your budget. For help with working out a living cost budget: www.studentcalculator.org

Recent Graduate Discount

To recognise the loyalty of our students, the University of St Andrews offers a 10% discount in postgraduate tuition fees to students who have graduated or are eligible to graduate from St Andrews within the last three academic years. Students who completed a Study Abroad or Exchange programme at St Andrews and are returning for postgraduate study are also eligible: www.st-andrews.ac.uk/study/pg/fees-and-funding/scholarships/recent-graduate-discount

Scholarships

The University of St Andrews has a number of scholarship opportunities for postgraduate students and provides a varied portfolio.

www.st-andrews.ac.uk/study/pg/fees-and-funding/scholarships
www.st-andrews.ac.uk/study/pg/fees-and-funding/financial-assistance

Academic Schools and Units

Examples include:
- School of History MLitt Scholarships
- School of Modern Languages Awards
- Choral and Organ Scholarships
- Music Scholarships
- Saints Sport Scholarships

Funded or co-funded by the University of St Andrews

Examples include:
- Asfari Foundation Scholarship
- Carnegie Cameron Bursaries
- Chevening Scholarships
- Commonwealth Shared Scholarship Scheme
- The R&A Ransome Scholarships
- Saltire Scholarships

External scholarships and awards

Examples include:
- Bolashak Scholarships
- Clan Donald Scholarship
- Fulbright Commission
- James E Crockett Educational and Charitable Trust
- Japan-Scotland Society Scholarship
- Marshall Scholarships

Accommodation Award

The University of St Andrews operates an Accommodation Award scheme, which each year offers a number of awards of £3,000 to postgraduate taught students: www.st-andrews.ac.uk/study/pg/fees-and-funding/scholarships/entrantaccommodationpg

Trusts and Charities

The Association of Charitable Foundations provides further information on charitable bodies that may have funding available. www.acf.org.uk

You may also wish to consult the Grants Register/Directory of Grant Making Trusts available from most libraries. Online versions of many of these directories are available but often require a subscription. www.grantsforindividuals.org.uk

Disabled Student Allowance

Extra help may be available for UK students if you incur extra costs while you study because of a disability or learning difficulty. See: www.st-andrews.ac.uk/students/advice/disabilities/disabledstudentallowancedsa

Professional and Career Development Loans for British residents

This is a bank loan designed to help you pay for work-related learning. You do not have to start paying your loan back until at least one month after leaving your programme.

www.gov.uk/career-development-loans
T: 0800 585 505

“Having completed my undergraduate degree in Mathematics, I was left with a thirst for further study. With the support of the Carnegie Trust I was able to continue my studies. The support from the Trust was invaluable for me, easing the financial burden of further study, allowing me to put greater focus on my studies. My time in St Andrews has provided a well rounded experience, allowing me to study a variety of interesting topics of my own choosing. I have no doubt that what I have learnt and the people I have met during my time at the University has broadened my horizons.”

Cameron (Stirling, Scotland)
In-sessional English Language Service

The In-sessional English Language Service (IELS) offers you a variety of ways to develop your language proficiency throughout the academic year. We provide workshops and one-to-one tutorials focusing on academic writing, as well as grammar, listening and pronunciation. We offer support with writing dissertations, enabling you to formulate your ideas more effectively, and structure and develop your arguments appropriately for your subject matter and discipline. We can also provide opportunities for practising speaking skills, particularly in the context of presentations and interviews.

Who is the English Language Service for?
Matriculated postgraduate students looking for academic language and literacy development.

When is IELS available?
You can access support throughout your entire Masters degree and you can book one-to-one tutorials to fit around your taught programme. You can sign up for tutorials with a member of our teaching team or attend workshops, selecting topics according to your needs and interests.

Find out more
www.st-andrews.ac.uk/elt/iels

Pre-Masters

How long is the programme?
One academic year. The Pre-Masters programme has start dates in September and January, depending on your certificated English language proficiency.

Who is this programme for?
Students who are applying to St Andrews, or another UK university, to study Management and would like to develop their English language proficiency in the specific context of Management and Business.

What qualification does it lead to?
Students graduate with a certificate from the University.

Find out more
www.st-andrews.ac.uk/elt/premasters

“\nThe St Andrews Pre-Masters programme is best suited for anyone who aims to pursue a postgraduate degree in business-related subjects. The staff are really experienced, approachable, and spare no effort to enhance your language skills, with a special focus on academic writing. If you currently do not have full language proficiency, or would like more academic background for postgraduate study, this programme taps your potential for academic excellence and gives you the necessary confidence to study alongside native speakers on Masters programmes.”

Yusuke (Japan)
Top Tips for Masters Students

I arrived in St Andrews in 2013 to embark on my MLitt in Mediaeval History, and decided to stay on here to do my PhD. Whilst everyone is different, and a definitive list of advice is impossible to create, here are a few pointers.

Frances
Current PhD student in the School of History

Explore intellectually

Your MLitt year is, for many reasons, a unique year. It is a chance to look into a variety of different topics and play with different ideas. This is something which is especially true of the degrees at St Andrews, which have a significant amount of time devoted to individual ‘directed reading’. Take advantage of this, and resist the temptation to focus too closely on a familiar topic which you will ultimately work on in your dissertation. That said, it’s definitely worth thinking about your dissertation topic earlier rather than later. However, having an open mind and filing away ideas in the back of your mind throughout the year will make your early summer much easier and your research more interesting.

Have a routine

Having some sort of routine really helps, and I found that it was the best way of ensuring that I hit the ground running and avoided the inevitable essay crisis. Not only did this get me up and out in the mornings (for the most part…) but having defined ‘off’ time increased productivity, and meant I tended to work more effectively in my ‘on’ time.

Get to know other postgrads in your subject area

With classes, seminars, postgraduate seminar series and reading weekends, there are lots of opportunities to meet other postgraduates who are studying similar subjects. I really enjoyed getting to know them and, as the year went on, I found that the benefits in doing this were more than social. As the year, and our work, developed, I found that I was tackling similar themes or challenges to others on the course, and our chats were no longer simply diverting, but extremely helpful!

...but have other friends

It is good to also make friends with other people outside of your School/Department – you avoid the temptation to ‘talk shop’, but also it’s fascinating to meet people from different disciplines to talk about their research, and can even provide new angles on your own.

Keep in touch with old friends/ family

This may seem obvious, but I could have done with someone telling me to do this. Whilst I have made some great friends in St Andrews, nothing compares to people who have known you for years.

Get out of St Andrews

It is definitely worth taking the time to get to know this wonderful town, but a trip away can make all the difference. Scotland in general is beautiful, but closer to home – Dundee, Edinburgh and the East Neuk – can be reached easily by bus or train and are well worth a visit.
About St Andrews

St Andrews – the town

St Andrews provides a unique location for a very special university. Wherever you walk you are reminded of its rich and colourful history with buildings both ancient and modern. The beautiful unspoilt beaches with fresh clean air and wide expanse of sky provide the perfect antidote to the classroom or laboratory. They encourage either a quiet thoughtful stroll or a bracing walk with a group of friends along the two unbroken miles of the West Sands. Or you can take to the water either as a surfer on the waves of the East Sands, or enjoy other water sports – such as sailing, sea kayaking, or windsurfing. You can also experience a spectacular walk to the end of the stone pier – camera at the ready to capture historic views of the twelfth-century Cathedral and Castle.

Golf was reportedly first invented here in St Andrews – and there are ample opportunities for the keen golfer with seven courses locally which often host major international tournaments.

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 funds a night bus which helps get you home safely seven nights a week from 10pm to 2am.

Entertainment in town

There is a lot to do here with dozens of cafés, restaurants and pubs to suit all tastes and budgets and more pubs per square foot than anywhere else in Britain. Each year there are a number of food and drink festivals, such as the recently established St Andrews Food and Drink Festival celebrating local produce and chefs. You can get a real taste of Fife each month at the St Andrews Farmers’ Markets.

All over town there are shops selling all manner of goods, including independent shops and specialist clothing stores.

You will never be short of culture, with several annual arts and poetry events in and around the town. The independent cinema shows current blockbusters and art-house films, in conjunction with the University’s Film Studies Department. The University’s Byre Theatre and Barron Theatre host plays and other performing arts events by both students and professional groups.

You can embrace the natural world that surrounds St Andrews and beyond by visiting the Botanic Gardens or the Aquarium, located by the sea.

What is nearby?

There is a friendly, cosmopolitan vibe pulsating through St Andrews. Most students get around by walking or cycling so it is not necessary to have a car.

Beyond St Andrews you can travel to Anstruther, pictured below, by bus (9 miles / 14 km away) for fish and chips at the award-winning fish bar. Dundee is only 13 miles / 21 km away and Edinburgh is an hour by train. There are express buses that run to major Scottish cities, almost hourly. Naturally there are many opportunities to travel north to the stunning Highlands and Islands for which Scotland is world renowned.

Students come from the far corners of the globe, are embraced by the town and University and made to feel part of the community, however long they are studying here.

Climate

This part of Fife, the East Neuk, enjoys a microclimate where the weather can vary daily. In Spring there can be changeable weather with lots of sunny days and bright blue skies, though sometimes with a cold sea breeze. There are up to 19 hours of daylight in the summer; by contrast in the winter the days are much shorter with blustery rain, crisp frosts, and the very occasional snow.

Environmental targets: Zero waste by 2020 and the first carbon neutral university in the UK by 2016.
St Andrews – the University

The University was founded here over 600 years ago and its buildings are still part of the fabric of the town. Yet this university with its mediaeval origins also looks to the future with its high-tech laboratories and redevelopments designed to ensure that it offers excellent facilities for postgraduate students.

A green university

The University actively implements environmental solutions and initiatives through recycling, an energy strategy, and ensuring ethical investment. It is aiming to achieve zero waste by 2020 and also to be the first carbon neutral university in the UK by 2016. We are working towards this through the development of our own biomass energy centre and a University-owned wind farm. Students are welcome to get involved with a wide range of projects with sustainability at their heart including helping in the organic gardens, or volunteering on practical projects such as dune restoration or campaigning on environmental issues.

Intellectual life

The University offers a vibrant intellectual community with an extraordinary number of lectures and seminars throughout the year, many of them by world-class scholars. Most of our Schools and Departments have subject specific societies which organise many events. www.st-andrews.ac.uk/pgstudents

Music

St Andrews enjoys an exceptionally lively programme of student music-making. The Music Centre provides facilities for rehearsal and tuition by highly regarded teachers in voice and instruments.

We are the only Scottish university with a professional orchestra in residence, the Scottish Chamber Orchestra, which performs five times each year and gives frequent masterclasses and workshops.

There are also two Chapel choirs: the St Salvator’s Choir sings at University services and tours abroad each year. The St Leonard’s Choir sings at a late-night candlelit service during term.

Scholarships are also available for particularly promising students in the form of free instrumental or vocal tuition. In addition, the Hebdomadar’s Music Fund can provide financial help for students who would otherwise find it hard to pay for lessons.

Music Centre
T: +44 (0)1334 462226
E: music@st-andrews.ac.uk
www.st-andrews.ac.uk/music

Student societies

There are a huge number of student societies and sports clubs. You are encouraged to get involved in all aspects of student life, including postgraduate-specific clubs and societies. Further information on sport can be found on pages 18-19.

The Students’ Association is responsible for running 150 different societies, covering every possible interest, for the benefit of all our students. Their website has an A-Z list of all affiliated societies and there is a chance to sign up for any that interest you at the Societies Fayre held during Orientation Week in September. Postgraduates are encouraged to make the most of everything on offer for our students.
http://yourunion.net/activities/societies

Postgraduate students are also automatically members of the Postgraduate Society (see overleaf).
Welcome to St Leonard’s College, which supports and represents the interests of postgraduates across the University.

### History of the College

In 2012 we celebrated the 500th Anniversary of the founding of our mediaeval college, only 100 years after the original founding of the University itself. St Leonard’s College was originally established as a college for poor clerks of the Church of St Andrews, based on the older Hospital and Church of St Leonard within the Priory of St Andrews in 1512. Records of College Minutes date from 1710 but the College’s accounts date back to 1549 and include diet books from 1586 - 1743. Over the centuries little seems to have changed – what is in our pockets and our stomachs remains important!

After falling on hard times during the eighteenth century, St Leonard’s College joined St Salvator’s College to form the United College. St Leonard’s College, however, was reconstituted as a postgraduate institute in 1972, and as the Research Graduate School of the University in August 2013.

### A community of scholars and researchers

Although no longer a physical space, the College designates the community of postgraduate students at St Andrews. As such, it provides a central point for the administration of all postgraduate business. It plays a pivotal role in the dissemination and presentation of knowledge, the organising of postgraduate events, and the promotion of skills training. For example, at the start of the new academic year there is a Welcome Reception for all postgraduates and in the spring there is the St Leonard’s College Lecture Prize, which gives postgraduate students the opportunity to deliver an original series of three research-based lectures. The College also organises the St Leonard’s-Santander Research Mobility Awards enabling postgraduate students to carry out study or research overseas.

The head of the College retains the historic title of Provost, and the current holder of the post is Professor Derek Woollins – a chemist interested in molecular synthesis. He is supported by two Pro Deans (one has responsibility for taught postgraduate learning and teaching, and the other for research postgraduate learning and teaching matters). Through funding and strong support from the Provost’s office, the re-branding and expansion of St Leonard’s College in recent years has proved a great success with staff and students.

St Leonard’s College has also been given added impetus by the University's desire to develop a growing, vibrant and intellectually demanding environment for advanced study. Led by a strategic vision that aims to position the University at the forefront of research excellence, the postgraduate population at St Andrews has more than doubled over the last decade.

We are committed to delivering outstanding support and services for postgraduates not only in terms of study facilities but also in terms of the intellectual reward associated with a vibrant community of home and international postgraduates. As Scotland’s first university, the University of St Andrews is one of the leading research-intensive universities in the world, offering a postgraduate experience of remarkable richness.

As a postgraduate you will have a number of identities within the University – including the academic School or Department to which you belong, the residence in which you live, or the clubs or societies you join. Additionally, however, you will also have an inclusive and overarching identity as a member of St Leonard’s College. Should you choose to join us at St Andrews as a research postgraduate, we hope that the experience of being a member of St Leonard’s College will contribute to that shared and inherently diverse sense of identity.


[https://twitter.com/StLeonards_PGs](https://twitter.com/StLeonards_PGs)

[www.st-andrews.ac.uk/pgstudents/stleonards](http://www.st-andrews.ac.uk/pgstudents/stleonards)
In addition to its historic charm, architectural splendour, academic pedigree, several gorgeous beaches and a golf course that I keep hearing about, St Andrews has become a home away from home for many postgrads, myself included. The University provides support for postgraduates to get together to achieve their academic and professional goals, while allotting the freedom to explore unknown terrain, whether in research, personal development, or the Scottish Highlands.

The Postgraduate Society is the ‘home’ student society for postgraduates in St Andrews. All matriculated postgraduate students (both taught and research) are automatically members of the Postgraduate Society. The Society exists for the dual purpose of providing formal postgraduate representation within the University and Students’ Association, which is the responsibility of the Postgraduate Academic Convenor, and to host a wide series of social events and foster a postgraduate community. Our event calendar includes formal balls and dinners, pub nights, ceilidhs (traditional Scottish dance evenings), bonfires and bus trips to other locations in Scotland. We hope to see you at our next event, and you are welcome to join our Committee!

Aline Heyerick  
Postgraduate President 2015-2016  
E: pgpres@st-andrews.ac.uk  
Facebook: www.facebook.com/pgsoc  
Facebook: www.facebook.com/groups/pgsoc  
www.st-andrews.ac.uk/pgstudents/stleonards/about/postgraduatesociety
Sport

Sport is an exciting part of university life; with over 50 sports clubs, 100 competitive teams, a thriving fitness class programme and sector leading volunteering projects, Saints Sport has something for everyone. The University has invested in making sports central to the student experience and in January 2015 began a major £14 million redevelopment of its sports facilities with the installation of a new eight-court sports arena (December 2015), expanded gym and dedicated strength & conditioning suite (by September 2016) and four-court indoor tennis centre (by September 2017).

Excellence

Performance sport
The University is committed to the pursuit of academic and sporting excellence. In 2015 - 2016 we had ten Directors of Sport – Rugby, Tennis, Volleyball, Fencing, Football, Water Polo, Golf, Hockey, Ultimate, Netball and Boat, and Head Coaches in various sports including Basketball, Badminton, Judo and Swimming. Particular attention is paid to developing all sports by:

• Improving performance: providing excellent opportunities and support structures to allow individuals and teams to fulfil their sporting aspirations in Scottish Student Sport (SSS), British Universities and Colleges Sport (BUCS) and national/international competitions.

• Growing participation: providing high quality training and competitive experiences that attract students to become part of University sport.

Supported Athletes Programme
The University supports individual athletes studying at St Andrews and competing on the international stage. Students can apply for funding to support expenses for competition, travel and training, and get free access to sports facilities, sport specific s&c and coaching.

Golf bursaries
The University receives an annual grant from the R&A to part-fund a Performance Golf Programme, which sees students travel the world to compete. The programme is open to matriculated students who reach the required standard. In 2015 - 2016 we had five male and five female Golf Bursars, with the overall R&A grant over £20,000 for the year.

Entrance information
Athletes must achieve Faculty and subject entrance requirements and no academic dispensations will be given. Please let us know if you are considering coming to St Andrews or already have a place. Email: sport@st-andrews.ac.uk

For more information visit:
www.st-andrews.ac.uk/sport/performance

Experience

Student sports clubs
Sports clubs are at the core of Saints Sport and provide everything from highly competitive teams within university-level and national league competition, to recreational and social activities involving regular trips across the UK. Our clubs are student-led, but supported by professional staff and coaches, with training and support available for students running activities as coaches, officials and administrators.

Sports
Aikido
Archery
Athletics
Badminton
Basketball
Boat
Boxing
Canoe
Cheerleading
Clay Pigeon
Cricket
Croquet
Cross Country
Cycling
Dance
Fencing
Football
Futsal
Golf
Handball
Hockey
Ice Hockey
Ice Skating
Judo
Jujitsu
Karate
Kendo
Korfball
Lacrosse
Mixed Martial Arts
Mountaineering
Netball
Polo
Pool
Real Tennis
Riding
Rifle
Rugby
Sailing
Shinty
Snowsports
Squash
Sub Aqua
Surfing
Swimming
Table Tennis
Taekwondo
Tennis
Trampoline & Gymnastics
Triathlon
Ultimate Frisbee
Volleyball
Water Polo
Windsurfing

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Saints Fitness classes
Saints Sport offers a vibrant programme of exercise classes, which are open to all and cater for all levels and abilities. In 2015 - 2016 we ran over 45 classes a week, including Zumba, spin, kettlebells, cardio workshops and yoga.

Fitness services
Our team of fitness professionals are here to help, with a range of services to suit all health, fitness and sporting needs:

- Fitness consultation: for fitness advice and help planning your exercise routine.
- Personal exercise plan: custom-made fitness plan, tailored to suit your needs.
- Personal training: for one-to-one or group sessions.
- Strength and conditioning: to improve sports performance.

For more information please visit: www.st-andrews.ac.uk/sport

Engagement

Volunteering and outreach
Saints Sport provides many opportunities for students to volunteer at St Andrews, through club outreach projects, links with local schools and our own Junior Saints sports programmes for children. Our sector leading international volunteering programme also sees students travel to Africa each summer, spending six to eight weeks coaching children from schools and townships.

Coaching and officiating
Students wishing to gain coaching and officiating qualifications during their time at St Andrews can attend sessions organised through the individual clubs or by Saints Sport, and in association with the respective governing bodies.

For more information visit:
www.st-andrews.ac.uk/sport/volunteering

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Accommodation

Halls of residence

We have a fantastic variety of accommodation to suit all tastes and budgets for single postgraduate students. In 2015 we added an extra 135 new standard self-catered rooms to our stock of accommodation. This was purposely built for postgraduate students and consists of two and three storey blocks accommodating five single students sharing a kitchen and two bathrooms per flat.

You will find a map at the back of this prospectus showing the location of our postgraduate accommodation. We recommend that you visit the Student Accommodation Services’ webpages for up-to-date fee information. While visiting these webpages please take a few moments to familiarise yourself with the full range of facilities on offer in each residence, prior to making your online application for accommodation.

www.st-andrews.ac.uk/accommodation/pg

Supporting the living experience

Your life in halls of residence is supported by a Postgraduate Adviser who can be contacted during normal office hours through the Advice and Support Centre (ASC – see page 22). The Postgraduate Adviser will be the first point of contact if a health crisis occurs, or if you have a personal problem. If you need to contact someone outside of office hours the out-of-hours team will be able to assist you. Contact details will be available at your hall of residence, usually in the form of a notice outside the Residence Service Managers office. You are advised to check this on arrival as each residence may be different.

Houses and flats

The University of St Andrews has a limited amount of accommodation for couples or for students with families. Student Accommodation Services manages a range of studio apartments, flats and houses primarily designed for mature students, couples, or those with families. For more details, please visit:

www.st-andrews.ac.uk/accommodation/pg/prospective/couples

We also run an online database of private sector properties in the town and surrounding areas. This site provides advice that will be particularly helpful to those new to renting in Scotland. Renters can search the database by occupancy date, number of rooms, rent and location with useful maps included. The database can be found at www.standrewsstudentpad.co.uk

Please note that rents in private sector accommodation vary. Up-to-date statistics can be found at:

www.standrewsstudentpad.co.uk/statistics/Area

To view all of our managed properties, please go to:

www.st-andrews.ac.uk/accommodation/ug/current/managed

Students with disabilities and limiting long term illness

The University of St Andrews gives all possible support to disabled students 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 on your application form full details of anything that may impact on your accommodation needs.

We understand that disability is not always visible and related to physical impairments. Student Services and Warden teams can also provide additional support. We have a number of adapted rooms and encourage you to visit us and have the chance to see the accommodation facilities and speak to Student Accommodation Services before accepting a place of residence.
Living in a postgraduate residence has two huge advantages. Firstly, you’re surrounded by like-minded students, who are going through the same challenges of postgraduate study. It can also be refreshing to have a social group outside of the Department. Secondly, there are no hassles with bills or setting up the internet – your room has all the amenities you need. These reasons sound obvious but make all the difference to adapting to postgraduate life and making St Andrews feel like home.

The Wardennial teams of staff and postgraduates in the residences are there to help with any problems, and actively encourage residents to join in and feel part of the hall by organising events with residents from yoga to whisky tasting.

Helen
Current PhD student in the School of Biology
Former resident of Deans Court and David Russell Apartments/Fife Park

How and when to apply

You are able to apply for accommodation at our halls of residence or managed properties after 1 March in your year of entry, once you have accepted any conditional or unconditional offer to study at the University. Although we try to allocate accommodation based on your first preference we cannot guarantee this. Please ensure, therefore, that you are happy with all of the preferences that you have selected.

Allocations are processed as soon as we receive notification from Admissions that your offer has become unconditional and all pre-payment deposits to confirm your place at the University have been received. It is therefore important that you apply for accommodation as soon as you have a conditional offer.

Students from outside the UK and EU
International postgraduate students applying for a taught programme who normally live outside the UK and EU will be provided with priority access to postgraduate accommodation.

Students from the UK and EU
The University endeavours to allocate accommodation to all postgraduate students that apply by the deadlines, but due to the small size of the University, it is not possible to guarantee University accommodation.

Further information

Student Accommodation Services
Butts Wynd, North Street
St Andrews
Fife KY16 8YL
T: +44 (0)1334 462510
E: accommodation@st-andrews.ac.uk

www.facebook.com/StudAccStAndrews
https://twitter.com/StudentAccom5v

Opening hours: Monday - Friday 9.30 am - 4.30 pm

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/pg
Advice and Support

Help and support when you need it

Undertaking a postgraduate qualification at university is likely to be one of the most challenging and rewarding experiences of your life. We therefore aim to provide a supportive academic and social environment for all of our postgraduate students, and ensure that advice and support are on hand when you need to access them. We offer a range of assistance to ensure that on both an academic and personal level your experience as a postgraduate student is successful and fulfilling.

The Postgraduate Support Adviser is available to discuss any issue that might be affecting your student experience, helping you to access resources and making referrals to specialist services where appropriate. For matters involving academic, transition, health and wellbeing matters, and managing university life in general, the Postgraduate Support Adviser is your first point of contact. They have experience of teaching and supervising postgraduate students so are aware of the pressures that you will experience.

The Postgraduate Support Adviser can be reached by email or telephone, or by visiting the University’s Advice and Support Centre (ASC) at 79 North Street, St Andrews KY16 9AL.

T: +44 (0)1334 462020
E: support-advice@st-andrews.ac.uk
www.st-andrews.ac.uk/studentservices

Chaplaincy / Faiths

The Chaplaincy provides a meeting place for individuals and groups. Various faith groups meet here, and a prayer room is available specifically for Muslim students in the town centre. There is a further Multi-faith Space located in Agnes Blackadder Hall of Residence. The Islamic and Jewish Chaplains can be contacted through the Chaplaincy, as can people from different denominations and a range of faiths. The University Chaplain may be approached in confidence about any matter, whether or not related to faith, for sympathetic listening and support. The Chaplain also visits any student in hospital to offer support. Chaplaincy facilities are available to all members of the University, regardless of personal belief. There is also an honorary Chaplain whose support is offered specifically to international students. Further information can be obtained from: www.st-andrews.ac.uk/chaplaincy

Disabilities

We are committed to ensuring that all of our students are able to fulfil their potential and achieve their goals. Student Services has a team advising students with physical disabilities, sensory impairments, unseen medical conditions, mental health difficulties and Autistic Spectrum Disorders. We can also help in identifying the support, equipment or alternative formats you require to access your course. More information can be found at: www.st-andrews.ac.uk/students/advice/disabilities

Family and childcare

If you are bringing your family to St Andrews and require information about available resources, including childcare provision in the area, please contact Student Services via the ASC (Advice and Support Centre). We can provide details of nurseries, child-minders and after-school care services. For more information, please go to: www.st-andrews.ac.uk/students/advice/family

Primary and secondary education

If you wish to enrol your children in primary or secondary education, there are a number of schools in the area. The school(s) that your children will be eligible to attend depend on a number of factors, including where you are living.
For UK students, it is recommended that postgraduates remain registered with their home dentists since there are few places available for new applicants to National Health Service dentists. Should you need emergency dental treatment you are free to contact any dentist for an urgent appointment. You may register and pay for a private dental practice if you wish.

For more information on dentists please go to: www.st-andrews.ac.uk/students/advice/health/dentist

**Children of international students**

Between the ages of 5 and 18 may attend school (primary and secondary) free of charge provided they gain visa entry clearance to the UK as dependants of their parent(s).

We recommend that you consult the Fife Council website as early as possible if you intend to relocate your family to St Andrews. Please see: www.fifedirect.org.uk/topics

**International students**

The University of St Andrews is a destination for students from around the world, who are taking advantage of the world class teaching on offer. We have a varied and diverse student community, and the International Adviser within the ASC is experienced in dealing with questions from international students. For more details, please see: www.st-andrews.ac.uk/international/information/visas

Before making any visa or entry clearance application to study in the UK, it is essential that you read the UK Immigration website information and ensure that you are aware of all up-to-date information regarding UK immigration policy and follow related advice provided by the University in relation to obtaining your visa. www.gov.uk/government/organisations/uk-visas-and-immigration

**When you arrive**

**Bank accounts**

There is a wide range of banking options within St Andrews, with many of the main UK banks represented. To sign up for a new bank account, you will need to present identification (in the form of a passport) and a letter from the University confirming your student status. Please see: www.st-andrews.ac.uk/students/money/bankaccounts

**Registering with a doctor and dentist**

All students are encouraged to register with one of the local General Practitioners (GPs) when you first arrive at the University. The doctors’ practices are within St Andrews Community Hospital, which can also treat minor injuries; however Ninewells Hospital, in Dundee, provides an accident and emergency service.

www.st-andrews.ac.uk/students/advice/health/doctors

**Legal advice**

There is a legal clinic held every two weeks, during which any University student can take advantage of free initial consultation. For the schedule and location of clinics, please see: www.st-andrews.ac.uk/students/advice/legalclinic

**M-Skills: A developmental programme for taught postgraduates**

We have created a development programme aimed specifically at taught postgraduate students. M-Skills is built around four strands:

- Making the most of St Andrews including networking skills and community activity.
- Getting through your course involving academic and study skills.
- Finding a job.
- Getting set for the workplace.

Taught postgraduate students can develop their skills in two main ways; by attending M-Skills events and workshops and by engaging with M-Skills online resources.

Examples of M-Skills workshops include:

- An introductory welcome event in Orientation Week to let taught postgraduate students meet members of staff who can support them whilst at St Andrews.
- Workshops for those who might be interested in studying for a PhD.
- Workshops to help with dissertation writing.
- A suite of workshops and resources focusing on different professional skills that graduate employers value.

More information can be found on the M-Skills webpage: www.st-andrews.ac.uk/pgstudents/academic/advice/mskills or via the M-Skills Facebook page: www.facebook.com/mskills
Library Services

We have a wide range of library resources to ensure that you have access to the information you need to support your learning and research.

The Main University Library
The Main University Library is based in the centre of St Andrews, and is open 18 hours a day during the semester, including at weekends. It has recently undergone modernisation to ensure that it provides a welcoming environment, including a café. Key features include:

- flexible study spaces, including group rooms, silent/individual areas and more informal and relaxed spaces.
- over one million volumes, a large e-book collection, thousands of print and electronic journals and academic databases.
- expert subject-specific support, help and training on finding information and using referencing software.
- over 150 PCs.
- a fast Inter-Library Loan service and reciprocal borrowing rights with local and national universities.
- flexible borrowing and returning through the self-service system.

Other study spaces for postgraduates
In addition to the Main Library, you can also use:

- The J F Allen Library, which holds resources for science subjects, and offers a variety of study spaces.
- St Mary's College Library for Divinity and Mediaeval History, including the historic King James Library.

The University Library’s Special Collections
The Special Collections division houses 210,000 rare printed books. There is a strong focus on Theology, Classics and History, as well as English and Scottish literature. The Special Collections division also includes the University’s manuscript and photographic collections, and the University archives. Material can be accessed easily and viewed in the beautifully renovated Martyrs Kirk Research Library.

www.st-andrews.ac.uk/library
https://twitter.com/StAndrewsUniLib
www.facebook.com/StAndrewsUniversityLibrary

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We realise that IT is an important part of your university experience as a postgraduate student, and we offer a wide range of services to ensure you can access the systems and services you need. We have wireless access across more than 95% of the University’s buildings. We provide you with a St Andrews computer account giving access to computing facilities including Office 365 (email, apps and storage), UniPrint, internet access, learning materials and e-resources, and personal secure file storage. Access to these online services is collected together in the University’s student portal iSaint, and is accessible anytime and anywhere.

All University students can install the latest version of the full Microsoft Office Suite for free on up to five PCs or Macs and other mobile devices, including iOS and Android. Find out more here: www.st-andrews.ac.uk/office365

**Help is on hand**

We produce a Quick Guide for Students to tell you everything you need to know about your computer account, accessing the network, printing facilities, file storage and computer security. Our friendly IT Service Desk staff are based in the main University Library seven days a week and are on hand for those occasions when you might need a little more help. You can also log IT issues and queries via IT Self Service, or contact the team by telephone or email. If you find that your personal IT equipment is in need of repair, we also have a PC clinic, where, for a competitive fee, our technical staff will carry out diagnosis and repair.

**Computer and printing access**

Most academic Schools have their own Computing Officers for local support and collaboration. We also provide a number of open-access PC classrooms across the University, and a number are available 24 hours a day. The Windows-based PCs all run a range of software, including specialised materials for certain academic Schools. We provide a secure printing, scanning and copying facility that can be accessed from a wide variety of locations across the University. The print facilities operate on a pre-pay quota system and credit must be purchased before printing. www.st-andrews.ac.uk/itsupport/help/printing

**Collaborative access**

We can provide email and web spaces for collaborative groups as well as for individual use, along with blogs, wikis and videoconferencing facilities.

**Remote access**

When you are away from the University, you can reach our network via broadband or wireless connection. A VPN (virtual private network) connection will then give you full access to all the services available on our network.

**Other software**

The range of other software made available by IT Services currently includes the statistical package SPSS and Minitab; programming languages Fortran 90, C, C++ and Perl are available, MySQL for databases; and the LaTeX type-setting package. For bibliographic management, EndNote is in use within the University. We have Maple, Matlab and Mathematica available for Maths, SAS for the Science Faculty and AMOS for statistics as well as ArcGIS. You’ll find a full list of current software available (by application and location) on our webpages: www.st-andrews.ac.uk/itsupport/help/classrooms

https://twitter.com/StAlTServices
We understand that you may well have chosen your programme to improve your subsequent employment prospects, whether in academia, research or elsewhere. Whatever your situation and aims, the Careers Centre is able to provide you with the relevant information and advice for you to move forward successfully. The Careers Centre offers information covering the full spectrum of career and further study opportunities, both in the UK and abroad. We also have a searchable database for our enrolled students to see what UK and EU graduates on particular programmes went on to do next – a useful source of ideas and reassurance.

We provide the following resources to support your career search:

- One-to-one advice from a Careers Adviser, specialising in specific career areas.
- A range of workshops and seminars to support career development in areas such as: ‘Writing great CVs’ and ‘Application success’.
- The opportunity to meet and talk with top employers at presentations and careers fairs in St Andrews.
- Access to jobs databases, further study opportunities and funding databases. www.st-andrews.ac.uk/careers
- An extensive network of alumni who have volunteered to help students with their career progression.
- Saint Connect is the Career Alumni Network for the University of St Andrews with over 4000 members in 90 countries.
- We have alumni clubs and active alumni groups all over the world with 52,000 alumni worldwide
- Over 15 Careers Centre-led Networking Events globally.

Early use of the Careers Centre
We encourage you to make early use of the services offered by the Careers Centre, so that you can fully benefit from the many opportunities which St Andrews offers. Many employer presentations take place in the first semester, and the Careers Centre communicates closely with Masters students to ensure that you are fully aware of resources and opportunities.

Recent destinations and careers for graduates from a taught postgraduate programme at the University of St Andrews include:

- European Commission Researcher
- NHS Lanarkshire Trainee Psychologist
- United Nations Security Adviser
- KPMG Business Consultant
- Hewlett Packard Project Manager
- Natural England Marine Adviser
- Bank of Chengdu Relationship Manager
- Barclays Credit Risk Analyst
- Dundee College Lecturer
- OSCE Project Officer
- Allianz Insurance Trainee
- Acer Business Manager
- Conflutainment Digital Games Analyst
- New Brunswick Human Rights Commission Consultant
- Merer Consulting HR Consultant

See also: www.st-andrews.ac.uk/careers/#cc-choices

“The Careers Centre really helped me in getting a job. By working with me on my CV and by identifying possible companies to work for, it was a very useful resource. Also, by putting me in contact with many St Andrews alumni, I was able to have honest discussions with them about the kind of role I was looking for. These contacts also gave me a great first hand insight into the companies who they are working for.”

Maximilian Lochner
MLitt International Business (2016)
Commencing a job as Junior Consultant in October 2016
“Finding your first job or an internship can be stressful, and it’s sometimes difficult to know where to start, but I used the Careers Centre for six months before my graduation and I found a place filled with supportive and friendly advisors who value the students that seek their assistance. The staff not only helped me improve my résumé and my cover letter, but they also assisted by improving my interviewing skills and in my job search. From the day I walked in, my experience with the Careers Centre was nothing but excellent, and the support and information I received were extremely valuable. Check out their website and take advantage of what it has to offer.”

Agathe Bauchet
MLitt International Business (2015) 
Sales Manager, Mast Brothers Ltd.

“\"I spent quite a bit of my time at the Careers Centre, whether it was trying to look for a part-time job or getting help from the staff to plan my future steps. I also attended some of the workshops, which proved to be extremely useful for my studies. Everyone working for the Careers Centre was always so helpful and friendly, creating a very pleasant and relaxed environment. I remember specifically getting help in building my CV and advice on how to prepare for interviews. I would definitely recommend the Careers Centre to anyone looking to get some advice on future prospects. The help you can get from the staff there is invaluable.\"”

Antonia Evripioti
BSc Molecular Biology (2008)
MPhil in Virology (2012)
Currently studying for a PhD in Medicine (Imperial College London)
Business, Management, Finance and Economics

The University of St Andrews offers a number of Masters degree programmes in the areas of business, management, finance and economics. Students graduating from Masters programmes in these subject areas often go directly into employment, although the degrees in these disciplines provide a strong basis for going on to further study and you can progress from them on to doctoral study (PhD). The School of Management offers programmes in business, management and finance, while the School of Economics & Finance has a focus on economics and finance. If you have studied a relevant subject during your undergraduate degree, all the programmes in the School of Economics & Finance and most in the School of Management extend your learning beyond the knowledge acquired in your first degree. If however you have studied a subject unrelated to business and management, we also offer two programmes to help develop your understanding of business and management and the key building blocks that make up the discipline, described on page 33.

Masters Degree options
MLitt (one year – full time)
MSc (one year – full time)
MRes (one year – full time)

Academic background in the subject required
Banking and Finance (MSc)
Economics (MSc)
Finance (MSc)
Finance and Economics (MSc)
Finance and Management (MSc)
Human Resource Management (MLitt)

* For more information on this specific programme, please contact the School of Management.

No previous background in the subject required
Management (MLitt)
Management and Information Technology (MSc)

For all Masters degrees there are exit awards available that allow suitably-qualified candidates to receive a Postgraduate Certificate or Postgraduate Diploma.

Other options
Postgraduate Diploma (nine months – full time, also available part time over two years)
Management and Information Technology (PG Dip)

For full programme and module details, see:
www.st-andrews.ac.uk/coursecatalogue/pg

Banking and Finance (MSc)
- You should have an undergraduate degree in finance, economics or a related discipline.
- Provides you with a solid preparation for further academic-oriented research in banking and finance as well as the skills needed for a wide range of careers in the financial industry.
- Includes an in-depth study of the theory and practice of modern banking and finance.
- Excellent preparation for further research (i.e. PhD) in finance.
- You develop your communication and teamwork skills through group work, presentations and written work.

Compulsory modules
Banking and Finance
Investments and Portfolio Management
Research Methods in Finance (Econometrics 1)
Research Methods in Banking and Finance (Econometrics 2)

Optional modules
Sample optional modules – these vary annually and reflect current staff interests.
Choose two from:
Alternative Investment
Financial Systems
International Financial Management
Responsible Investments
Risk Management

Dissertation
You will attend lectures throughout Semesters 1 and 2 on research methods, methodology and other topics which will prepare you to identify an appropriate topic for your dissertation. You will be required to submit a research proposal at the start of second semester enabling the School to match you to an appropriate dissertation supervisor. You will then research and write a 15,000-word Dissertation over the summer to be submitted on a date specified in August.

(Delivered by Management – see page 109)
Economics (MSc)

- You should have an undergraduate degree containing economics that includes substantial training in mathematics, statistics, microeconomics, macroeconomics and econometrics, finance, economics or a related discipline.
- Provides advanced training in essential elements of economics – microeconomics, macroeconomics and econometrics – plus a range of specialist options covering theoretical and empirical approaches that reflect the interests of the staff in the School, all taught in very small groups (6 – 12 students).
- The new focus of the programme in Economics is to provide a self-contained, rigorous but relevant learning experience that prepares you either to start employment at a senior level in a wide variety of economics-related activities or to pursue further research.

Compulsory modules
Econometric Methods and Applications
Macroeconomics
Microeconomics

Optional modules (choose three)

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Sample optional modules – these vary annually and reflect current staff interests.

Corporate Finance
Corporate Governance and Risk
Econometric Time Series Analysis
Experimental Economics
Financial Intermediation
Game Theory
Industrial Organisation
International Macroeconomics
Mergers and Acquisitions
Monetary Policy
Public Finance
Portfolio Theory and Management
Risk Management

Dissertation
Summer – 15,000-word Dissertation

(Delivered by Economics & Finance– see page 103)

Finance (MSc)

- You should have an undergraduate degree that includes intermediate or advanced knowledge of economics, finance and statistics.
- Trains you with advanced analytical abilities and technical skills in empirical finance and modelling. You will acquire an in-depth understanding of the financial markets and institutions both in the UK and abroad, preparing you for a professional career in the financial industry.
- You will learn the research methods used in modern corporate finance in order to understand the relevance of corporate finance theory in an applied work setting.
- Case study approach in core modules helps develop analytical skills that can be used in everyday financial management applications.
- Obtain transferable technical skills in empirical financial modelling in small classes (between 20-25 students at lectures).
- Become knowledgeable about the functioning and rationale of leading financial institutions both in the UK and abroad.
- Pursue advanced studies in finance and cognate areas, allied to our strong tradition of our graduates working in the financial community.
- Recent career destinations of graduates include financial accounting, commercial banking, merchant banking, fund management, financial services, and further degree studies.

Compulsory modules
Corporate Finance
Financial Econometrics
International Finance
Investment Analysis
Portfolio Theory and Management

Optional modules (choose one)

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Sample optional modules – these vary annually and reflect current staff interests.

Corporate Governance and Risk
Experimental Economics
Financial Intermediation
Mergers and Acquisitions
Risk Management

Dissertation
Summer – 15,000-word Dissertation

(Delivered by Economics & Finance – see page 103)
Business, Management, Finance and Economics
(continued)

Finance and Economics (MSc)

• You should have an undergraduate degree containing economics or finance that includes substantial training in microeconomics, macroeconomics and econometrics.
• Provides advanced training in the theoretical tools and empirical techniques for economics and finance, preparing you for a professional career in international banking, the finance industry and governmental agencies.
• A self-contained, rigorous but relevant learning experience that prepares you either to start employment at a senior level in a wide variety of economics- or finance-related activities or to pursue further research.
• Advanced rigorous training in essential elements of an economics Masters degree (macroeconomics, microeconomics, econometrics) is combined with essential training in finance (investment analysis, corporate finance), supplemented by a wide variety of applications, all taught in very small groups (6 - 12 students).

Compulsory modules

All students taking a Finance and Economics MSc must take three compulsory modules in the first semester. These are:

Econometrics Methods and Applications
Investment Analysis
And one of:
Macroeconomics
Microeconomics

In the second semester you take one compulsory module and are able to choose two optional modules. The compulsory module is: Corporate Finance

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Game Theory
Econometric Time Series Analysis
Industrial Organisation
International Macroeconomics
Monetary Policy
Public Finance
Experimental Economics

Corporate Finance
Corporate Governance and Risk Management
Mergers and Acquisitions
Portfolio Theory and Management
Financial Intermediation
Risk Management

Finance and Management (MSc)

• You should have an undergraduate degree in business, management or a related discipline. Your first degree needs to include a finance, mathematical or statistical element.
• Helps you develop an integrated and critically aware understanding of the financial context of managing business organisations and equips you to take an effective role within those organisations.
• Provides a strong foundation in the principles and practice of finance within organisations.
• Explores the complexities of international corporations, financial markets and investment management.
• You develop your communication and teamwork skills through group work, presentations and written work.

Compulsory modules

Corporate Financial Management
Research Methods in Finance (Econometrics 1)
Strategic Financial Management
Investments and Portfolio Management

Optional modules

Sample optional modules – these vary annually and reflect current staff interests.
Choose two from:
Alternative Investments
Creative Marketing Communications
Entrepreneurship and Business Planning
Entrepreneurship Creativity and Innovation
Ethics, Organisations and Management
Financial Systems
International Financial Management
International Marketing
Leadership in Organisations
Managing Natural Resources
Managing People in Global Markets
Marketing and Society
Managing Non-Governmental Organisations
Risk Management
Scenario Thinking and Strategy

Dissertation


(Delivered by Management – see page 109)
Human Resource Management (MLitt)

- You should have an undergraduate degree in business, management or a related discipline.
- Accredited by the Chartered Institute of Professional Development (CIPD) – if a particular combination of modules is taken – see below.
- Provides a comprehensive approach to the management of an organisation’s most valuable and valued assets – the people working there who individually and collectively contribute to the achievement of its objectives.
- Improves your understanding of the principles and practices of managing a workforce within the context of the overall strategic management of organisations.
- You develop your communication and teamwork skills through group work, presentations and written work.

**Compulsory modules**

- Contemporary Global Issues in Management
- Skills and Challenges for the HR Professional
- Managing Human Resources OR Managing and Developing People
- Masterclasses in Human Resource Management

**Optional modules**

Sample optional modules – these vary annually and reflect current staff interests.

Choose two from:

- Alternative Investments
- Creative Marketing Communications
- Entrepreneurship and Business Planning
- Entrepreneurship Creativity and Innovation
- Ethics, Organisations and Management
- Financial Systems
- International Financial Management

^ Required for CIPD Accreditation

**Dissertation**


(Delivered by Management – see page 109)

International Business (MLitt)

- You should have an undergraduate degree in business, management or a related discipline.
- Prepares you for cross-cultural work, providing the knowledge and critical understanding of key business practices while considering issues of responsibility in organisations.
- Introduces new approaches to management thinking.
- Enables you to embark on a career within a multi-national or global organisation with a firm grounding in the principles of strategic management.
- You develop your communication and teamwork skills through group work, presentations and written work.

**Compulsory modules**

- Contemporary Global Issues in Management
- Contemporary Conceptual Issues in Management
- Global Business Strategy
- Masterclasses in International Business

**Optional modules**

Sample optional modules – these vary annually and reflect current staff interests.

Choose two from:

- Alternative Investments
- Creative Marketing Communications
- Entrepreneurship and Business Planning
- Entrepreneurship Creativity and Innovation
- Ethics, Organisations and Management
- Financial Systems
- International Financial Management
- International Marketing
- Leadership in Organisations
- Managerial Decision-making
- Managing Natural Resources
- Managing People in Global Markets
- Marketing and Society
- Managing Non-Governmental Organisations
- Risk Management
- Scenario Thinking and Strategy

^ Required for CIPD Accreditation

**Dissertation**


(Delivered by Management – see page 109)

Return to Contents
Marketing (MLitt)

- You should have an undergraduate degree in business, management or a marketing-related discipline.
- Develops an integrated and critically aware understanding of marketing and organisations and equips you to meet the strategic challenges of the global marketplace.
- Combines solid academic enquiry with the key subject knowledge required by marketing professionals.
- Explores marketing issues both domestically and internationally.
- Encourages you to become a reflective learner and consider relevant issues from a variety of perspectives.
- You develop your communication and teamwork skills through group work, presentations and written work.

Compulsory modules

Contemporary Global Issues in Management
Contemporary Conceptual Issues in Management
Dialogue and Debate in Marketing (Masterclasses)
Consumer Behaviour and Market Research

Optional modules

Sample optional modules – these vary annually and reflect current staff interests.

Choose two from:
- Alternative Investments
- Creative Marketing Communications
- Entrepreneurship and Business Planning
- Entrepreneurship Creativity and Innovation
- Ethics, Organisations and Management
- Financial Systems
- International Financial Management
- International Marketing
- Leadership in Organisations
- Managing Natural Resources
- Managing People in Global Markets
- Marketing and Society
- Managing Non-Governmental Organisations
- Risk Management
- Scenario Thinking and Strategy

Money, Banking and Finance (MSc)

- Your first degree needs to contain a reasonable amount of economics – specifically, economics (intermediate micro and macro level), quantitative methods training background, and modules in money, banking, international finance, or international economics. If your background is exclusively in accounting, business administration, marketing or law/international relations you are unlikely to be qualified to undertake this programme, consider an alternative programme from pages 28-33.
- Covers money and banking, international finance, monetary policy and financial intermediation while also developing analytical skills and competence with empirical methods, preparing you for a professional career in international banking and finance.
- Develops high analytical ability in order to understand and develop the methods and rationale underlying modern banking, monetary policy and finance.
- You will become knowledgeable about the functioning and rationale of leading financial institutions, commercial and central banking, and the conduct and impact of monetary policy upon the financial system.
- In designing and writing your dissertation you will receive individual supervision by scholars of international standing.
- Career destinations include commercial and central banking, investment banking, financial management, accounting and finance, assurance, insurance, actuarial science, corporate trading, venture capital, private equity, corporate finance, economic, industrial and management consultancy.

Compulsory modules

Financial Econometrics
Financial Intermediation
International Finance

Optional modules (choose one*)

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Sample optional modules:
- Corporate Governance and Risk
- Portfolio Theory and Management
- Experimental Economics
- Risk Management
- Mergers and Acquisitions

* You may take optional modules from the Economics MSc programme (page 29) with the prior permission of the programme director.

Dissertation

Summer – 15,000-word Dissertation

(Delivered by Economics & Finance – see page 103)
Module titles listed are illustrative and may be subject to change (see Curriculum development page 7).

Management (MLitt)

- You should have an undergraduate qualification in a subject other than business or management. If you have previously studied a business/management related subject, consider an alternative programme from pages 28-32.
- Provides you with an understanding of contemporary management methods and key analytical, practical and leadership skills.
- Develops a strong awareness and a flexible approach to complex problem solving within organisations.
- Imparts you with a solid foundation in contemporary management methods and core business principles.
- You will gain the important analytical and management skills required to obtain a professional position with managerial responsibilities or a leadership role within an organisation.
- Accredited by the Chartered Management Institute.
- You develop your communication and teamwork skills through group work, presentations and written work.

Compulsory modules

Corporate Finance and Accounting
Strategic Management
Managing Human Resources
Marketing: Principles and Practice

Optional modules

Sample optional modules – these vary annually and reflect current staff interests.

Choose two from:

Alternative Investments
Creative Marketing Communications
Entrepreneurship and Business Planning
Entrepreneurship Creativity and Innovation
Ethics, Organisations and Management
Financial Systems
International Financial Management
International Marketing
Leadership in Organisations
Managing Natural Resources
Managing People in Global Markets
Marketing and Society
Managing Non-Governmental Organisations
Risk Management
Scenario Thinking and Strategy

Dissertation


(Delivered by Management – see page 109)

Management and Information Technology (MSc / PG Dip)

- You should have an undergraduate qualification in a subject other than business or management. If you have previously studied a business/management related subject, consider an alternative programme from pages 28-32.
- Provides you with the knowledge and the analytical and critical skills needed to manage the information and communication technologies that underpin all successful business practice.
- Combines the skills and experience of leading academics from the School of Management and the School of Computer Science.
- Accredited by the Chartered Management Institute.
- You will undertake a significant project including a wide-ranging investigation leading to your dissertation, which enables you to consolidate and extend your specialist knowledge and critical thinking.
- You develop your communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with modern dual-screen PC workstations and group working facilities.
- Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete the MPhil in Management with Information Technology.

Compulsory modules

Masters Core Skills
And two of:

Corporate Finance and Accounting
Managing Human Resources
Marketing: Principles and Practice
Strategic Management

Optional modules

If you only take two compulsory modules from the list of Management modules above, you may take one further optional Management module. You also choose optional modules from a range available in Computer Science.

Dissertation

Dissertation projects may be group-based or completed as an individual (in either case, you are assessed individually). Each project is supervised by one or two members of staff in the School of Computer Science, typically through regular meetings.

(Delivered by Computer Science – see page 100, and by Management – see page 109)

Module titles listed are illustrative and may be subject to change (see Curriculum development page 7).
Cultural, Anthropological and Social Studies

Programmes covering different areas of cultural, anthropological and social studies are delivered by the Department of Film Studies, School of Geography & Geosciences, School of Modern Languages, and the Department of Social Anthropology.

Some of the programmes offer a broad approach to a discipline, whereas others allow you to focus on a particular field within a discipline. Whilst some programmes are taught solely within one School or Department, others are interdisciplinary, with staff from a range of subjects participating.

You will have the chance to study the core theories and literature of your chosen field, as well as to develop research skills and methodologies relevant to your discipline.

Masters Degree options

MLitt (one year – full time)
MRes (one year – full time)
MPhil (two years – full time)

Anthropology, Art and Perception (MRes)
Art History – see page 44
Central and East European Studies (MLitt & MPhil)
Classical Studies (including Classical Reception) – see Classics
Classics (MLitt & MPhil)
Cultural Identity Studies (MLitt & MPhil)
Film Studies (MLitt)
History of Photography – see page 47
Mediaeval Studies (MLitt & MPhil)
Middle Eastern Literary and Cultural Studies – see page 57
Museum and Gallery Studies – see page 70
Social Anthropology (MRes & MPhil)
Social Anthropology and Amerindian Studies (MRes & MPhil)
Social Anthropology with Pacific Studies (MRes)

Compulsory modules

Anthropology, Art and Perception 1
Anthropology, Art and Perception 2
Research Methods in Social Anthropology
The Anthropology of Connections: Interdisciplinarity as Methodology

Optional modules

You may substitute up to 30 credits from undergraduate Social Anthropology modules, with the approval of the course coordinator.

Dissertation

Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by a date specified in August.

(Delivered by Social Anthropology – see page 116)
Central and East European Studies (MLitt / MPhil)

- An interdisciplinary study of the eastern half of the European Union, the Balkans, Ukraine, Belarus and Russia, combining the fields of history, politics, international relations, languages and literature, film studies and art to study this culturally rich and diverse region.
- Aimed at graduates in Modern History, International Relations, Russian and East European Studies.
- The summer preceding the taught element can be spent acquiring an appropriate language (i.e. Estonian, Latvian, Lithuanian, Polish, Czech, Slovak, Hungarian, Slovenian, Serbo-Croatian, Albanian, Macedonian, Romanian, Bulgarian, Greek, Ukrainian, Belarusian or Russian) with the help of the School of History’s Language Bursary Scheme.
- A wide range of modules focusing on international relations, history, as well as Russian language and literature.
- Option of a Directed Reading module (tailored individual course of study) in order to engage with a research field of specific individual interests with the support of a specialist member of staff.

Compulsory modules

Masterclass in Central and East European Studies (I)
Masterclass in Central and East European Studies (2)

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Sample optional modules:
Central and Eastern Europe since 1945
Conflicts, Security and Democracy in the Greater Caucasus (40)
Directed Readings in Modern History
German Literary and Cultural Contexts: Turning Points
Generations in Russian Literature and Culture (40)
History of Imperial Russia, 1815 - 1917
History in the Making: Theories, Approaches and Practice
Perceptions of Central and Eastern Europe
Specialised Research in Russian Studies
The Soviet Union (1917 - 1991)
Themes in Russian 19th- and 20th-Century Intellectual History

Dissertation

15,000-word Dissertation (MLitt)

(Delivered by History – see page 107)

Classics (MLitt / PG Dip / MPhil)

- Embraces the study of all aspects of the ancient Greek and Roman world: Greek and Latin literary culture, ancient history, archaeology, classical philosophy, and the reception of antiquity in later periods.
- Includes a unique and intensive core course, covering: sources for the study of Classics; theoretical approaches to antiquity; resources; training in practical skills (e.g. careers, digital humanities, outreach and public engagement).
- Preparation for further study and academic careers in your area of specialism or for other employment.
- Allows you to develop your skills in Greek or Latin (or relevant modern languages) or to begin ancient languages from scratch.
- Gives flexibility to specialise in the areas of your individual interests, with individual supervision from leading researchers.
- Includes the option of taking courses at the British School at Athens or the British School at Rome.

Compulsory module

Themes and Methods in Classics

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

You can either take two thematic modules (one each semester) or one thematic module (in either semester) and two language modules (one each semester).

Sample of thematic modules:
Integrated Study Abroad
(Rome or Athens)
Classical Reception
Greek and Roman Warfare
Greek Biography
Greek Tragedy
Latin Literary Interactivity
Late Imperial Literature
Magic in the Greco-Roman World
Philosophy in Rome

Plato on Democracy and Tyranny
Religion and Society in the Ancient Greek World
Representations of Women in the Ancient World
Slavery in the Ancient Mediterranean
Ted Hughes and the Classics
The Culture of Roman Imperialism
The Expansion of the Afterlife

Dissertation

15,000-word Dissertation (MLitt)

(Delivered by Classics – see page 99)
Film Studies (MLitt)

- Emphasises international and transnational cinemas and is characterised by research-led teaching.
- Open to all those who are in possession of a good academic record, who speak, read, and write English fluently, and who show a keen interest in film. Prior knowledge of Film Studies is not necessary.
- The opportunity to study Film Studies at an advanced level.
- The Department receives regular visits from high-profile film scholars, critics, and film industry personalities. Most recently, acclaimed film director Joe Russo held a workshop in December 2015.
- An emphasis on international and transnational cinemas.
- Both core and specialist modules are assessed by essay.
- Two specialist modules provide you with the opportunity to transfer and apply the theoretical knowledge and research skills acquired in the core module to a more concrete level of intellectual investigation, focusing on the creation of meaning and aesthetic value in the context of global dynamics of cultural production and distribution.
- The specialist modules vary annually and reflect current staff research interests. Emphasis throughout the year is placed on individual research.
- Recent graduate destinations have included: Junior Assistant Producer, European Tour Productions (IMG Media); Adjunct Instructor, SUNY (State University of New York) at Oswego; Consultant for Propel London Media.

Compulsory module

Theory and Practice of Research in Film Studies

Optional modules

Choose two from those available – these vary annually and reflect current staff interests. Examples are:

Film and the Archive
Stars

Dissertation

Summer – 15,000-word Dissertation

(Delivered by Film Studies – see page 105)
Mediaeval Studies (MLitt / MPhil)

- An interdisciplinary programme which equips you with the knowledge of different theoretical approaches and current debates in the fields of history, art history, languages and literature.
- Suitable both for those wishing to go on to doctoral research and for those wishing only to take a year’s specialist study.
- An introduction to the growing field of Mediaeval Studies.
- Draws on the long-established and recognised strengths in Mediaeval Studies available from the participating disciplines – Art History, Divinity, English, History, Modern Languages and Philosophy.
- Range of expertise from Late Antiquity to the fifteenth century and across the Mediaeval World, from the Middle East and the Mediterranean to the British Isles and Scandinavia.
- Different theoretical approaches, current debates and the nature of cross-disciplinary and interdisciplinary work in the fields of history, art history, languages and literature are presented.
- Introduction to different technical skills applied to a common body of sources.
- Taught within the St Andrews Institute of Mediaeval Studies (SAIMS), this programme is designed to be flexible enough to cater for those from different academic backgrounds and with different career plans, furnishing those who wish to go on to further research with the technical and interpretative skills needed for research degrees.

Compulsory module
Approaches to Mediaeval Studies

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

An Introduction to Palaeography with Codicological and Manuscript Studies
Core Language and Text Skills (Greek, Italian or Arabic)
Directed Reading in Mediaeval Studies
Discipline Skills
Latin for Mediaeval Studies
Mediaeval Language
Sources and Source Criticism

Dissertation
Summer – 15,000-word Dissertation (MLitt)

(Supplied by Art History (page 96), Divinity (page 101), English (page 104), History (page 107), Modern Languages (page 112) and Philosophy (page 113))

Social Anthropology (MRes / MPhil)

- A general introduction to Social Anthropology at postgraduate level.
- Provides a firm foundation in the methods and methodologies of social anthropology and the human sciences, to serve as a basis for knowledgeable and skilled research in social anthropology.
- Aimed at those either with undergraduate background in social anthropology or with an interest in developing an anthropological approach and an anthropological research profile.
- Combines opportunities for theoretical development and specialist interests, with training in research methodologies.
- Preparation for the possibilities of doctoral research, and more specifically, for fieldwork-based anthropological projects.
- Introduces cross-disciplinary connections and differences.

Compulsory modules
Research Methods in Social Anthropology
The Anthropology of Connections: Interdisciplinarity as Methodology

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Being a Social Scientist: Skills, Processes and Outcomes
Philosophy and Methodology of the Social Sciences
Qualitative Methods in Social Research
Quantitative Research in Social Science
Anthropology, Art & Perception 1 + OR + Anthropology, Art & Perception 2
Anthropology of Pacific 1 + OR + Anthropology of Pacific 2
Special Subject (Amerindian Studies)

You may substitute up to 30 credits from undergraduate Social Anthropology modules, with the approval of the course coordinator.

Dissertation
Summer (submission in August) – 15,000-word Dissertation (MRes)

Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process.

(Delivered by Social Anthropology – see page 116)
Cultural, Anthropological and Social Studies (continued)

Social Anthropology and Amerindian Studies (MRes / MPhil)

- Geared towards those seeking ethnographic and historical specialisation in the Americas. The programme aims to give you an awareness of research topics and trends in Amerindian Studies, and to prepare you for anthropological fieldwork.
- Aimed at those with an undergraduate background in Social Anthropology or a keen interest in the region with a desire to develop an anthropological approach.
- Acquire an understanding of the highly complex social, political and cultural experiences of the historic populations of South America.
- Equips you for a wide range of extension, development and support activities in relation to Amerindian and South American peasant and urban communities, with NGOs, and with the national societies in which you participate (as well as providing opportunities for relevant language learning).
- We prepare you:
  - for a range of related activities in different parts of the world.
  - to participate in national and regional debates.
  - to participate in the delivery of academic and extension talks and courses in different countries of the Hispanic world.

Compulsory modules

Research Methods in Social Anthropology
The Anthropology of Connections: Interdisciplinarity as Methodology

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Special Subject (Amerindian Studies)

Or other modules available within the Department.

You may substitute up to 30 credits from undergraduate Social Anthropology modules, with the approval of the course coordinator.

Dissertation

Summer (submission in August) – 15,000-word Dissertation (MRes)

Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process.

(Delivered by Social Anthropology – see page 116)

Social Anthropology with Pacific Studies (MRes)

- Examines the history, languages, cultures and varieties of social organisation of Melanesia and the Pacific.
- Designed for those who have a special interest in the Pacific and Melanesia, either:
  - to do fieldwork for an anthropology PhD in the region.
  - or to work there in some other capacity – e.g. in an NGO, in development projects, in multinational corporations with interests in the region.
- You study modules devoted to the history, languages, cultures and varieties of social organisation of Melanesia and the Pacific and their significance for the contemporary lives of its many peoples.

Compulsory modules

Anthropology of the Pacific 1
Anthropology of the Pacific 2
Research Methods in Social Anthropology
The Anthropology of Connections: Interdisciplinarity as Methodology

Optional modules

You may substitute up to 30 credits from undergraduate Social Anthropology modules, with the approval of the course coordinator.

Dissertation

Summer (submission in August) – 15,000-word Dissertation (MRes)

Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process.

(Delivered by Social Anthropology – see page 116)

Module titles listed are illustrative and may be subject to change (see Curriculum development page 7).
Health Studies

Programmes in the area of health studies are among the University's most vocational programmes, and most of them are aimed at professional staff working in a relevant area. The distance learning programmes are taught from the School of Psychology & Neuroscience, whereas the programmes taught at the University are more interdisciplinary.

As well as developing a thorough understanding of the theoretical background and current issues in your chosen speciality, you have the opportunity to apply your knowledge in a practical setting, either in a workshop, placement, or directly in your workplace.

Masters Degree options

**MSc (one year – full time)**
**MPhil (two years – full time)**

Adults with Learning Disabilities who have Significant and Complex Needs (MSc – Distance)
Global Health Implementation (MSc)
Health Psychology (MSc)

Other options

**Postgraduate Certificate**
(Distance Learning – part time over two years)

**Postgraduate Diploma**
(Distance Learning – part time over two years)

Psychology of Dementia Care (PG Cert – Distance)
Adults with Learning Disabilities who have Significant and Complex Needs (PG Dip – Distance)

For full programme and module details, see: www.st-andrews.ac.uk/coursecatalogue/pg

Adults with Learning Disabilities who have Significant and Complex Needs (MSc / PG Dip) Distance Learning

- Part-time distance learning programmes at advanced level.
- The PG Diploma and the MSc are intended as continuing professional development qualifications for professional staff who wish to be research practitioners, or who wish to advance their career through applying evidence-based research in practice.
- The online open learning materials are written in an interactive style and are designed to encourage you to use your own workplace experiences as a basis for new learning and the development of research skills.
- The focus of the PG Diploma is on research; there is a structured approach to formulating research questions, data collection and analysis and improving practice through findings. You will learn the skills of a research practitioner.
- The focus of the MSc (Masters) is your own research; applying the knowledge and research skills gained in the PG Diploma to carry out research that will benefit the quality of service, quality of care and quality of life of adults with learning disabilities.
- You will have full electronic access to the University of St Andrews library resources, including full text journals and other online resources.
- Graduates from the programme entered or continued their work in a variety of professions.

Compulsory modules

- Data Collection and Sampling
- Illustrative Studies in Intellectual Disability Research
- Intellectual Disability Research
- Qualitative Data Analysis: Flexible Designs
- Quantitative Data Analysis: Fixed Designs
- Writing a Research Report

Dissertation

MSc students will spend one additional year designing, carrying out and writing up a 15,000-word dissertation on a practice-related topic of choice, integrating one area of specialised study with research methodology. Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process.

(Delivered by Psychology & Neuroscience – see page 115)
Global Health Implementation (MSc)

- Develops the skills and knowledge to fulfil roles as global health implementation practitioners, policy makers or academics.
- Delivered by academics from across the University, as well as academics, practitioners, and government officials from different sectors/disciplines from across the globe.
- Provides a detailed theoretical understanding of the global health implementation literature and issues within the field associated with the attainment and maintenance of health, on a global level.
- Supports the development of critical thinkers and radical practitioners in global health implementation.
- Accords with a pedagogy of collegiality, thereby placing peer-interaction and student-centred learning at the heart of the curriculum.

Compulsory modules

Evidence for Global Health Policy, Programming, and Practice
Globalisation and Health
Inequality and Inequity in Global Health
Issues in Global Health
Qualitative Methods in Social Science
Quantitative Methods in Social Science
Principles of Implementation Science
Ten Global Health Problems

Dissertation

Relevant university staff will supervise dissertation projects.

Health Psychology (MSc)

- Starts you on the path to becoming a Chartered Psychologist while training you in the applications of psychological theory and research methods.
- Aimed at graduate psychologists who wish to apply theoretical knowledge from their initial degree into a qualification that can launch them into a career of health psychology working for a health care provider, or into health-related research.
- The opportunity for placements in clinical settings.
- You will participate in 12 placement visits and will be required to meet travel costs of approximately £120.
- Taught in collaboration with NHS Fife and with the School of Psychology & Neuroscience.
- The course covers all topics required in the recommended curriculum, utilising a variety of novel methods of teaching and assessment.
- The main aim of this accredited programme is to provide Stage 1 Professional Training for Chartered Health Psychologist status, see: www.health-psychology.org.uk with the British Psychological Society: www.bps.org.uk
- Provides you with the statistical and methodological skills necessary to undertake research in health psychology.
- Upon successful completion, you will be equipped with the necessary skills to embark on your Stage 2 training or to facilitate research at MPhil or PhD level.

Compulsory modules

Compulsory single semester modules:

Biological Systems and Developments
Health Information, Prevention and Decision Making
Quality of Life, Communication and Chronic Illness
Methods of Data Analysis in Psychology
Theories of Health Psychology and Behaviour Change

Compulsory whole year modules:

Generic Research and Professional Skills in Psychology
Research Project in Health Psychology (Dissertation)

Dissertation

You will conduct and report a research project which may comprise field and/or laboratory-based studies. It will be planned during both academic semesters and conducted during the summer. It will involve two to three months data collection and will be written up as a 5,000-word dissertation, in appropriate scientific journal style, to be submitted by a date specified in August. You will be assigned a supervisor who will provide guidance during the planning, research and writing phases.

(Delivered by Medicine (page 111) and Psychology & Neuroscience (page 115). Further information: http://medicine.st-andrews.ac.uk/teaching/msc-health-psychology)
Psychology of Dementia Care (PG Cert – Distance Learning)

- A part-time qualification which focuses on the practical application of psychological theory in dementia care and is intended for professional care staff and management who provide services to people with dementia.
- Addresses core themes in dementia care viewed from a psychological perspective. There is a well-documented lack of evidence-based information available to those who administer or oversee the care of individuals with dementia. Furthermore, little information is provided to caregivers on the impact of caring on their own mental and physical health.
- Provides you with a theoretical background to the psychology of dementia care. You will be encouraged to question current practice and to apply psychological theory to your own working situation. As a result you will attain a new theoretical understanding of dementia care.
- The programme consists of three modules (listed below). You can opt to enrol on one, two or three modules. To obtain the Postgraduate Certificate all three modules must be passed.
- Graduates from the distance learning programme entered or continued their work in a variety of occupations, including:
  - clinical services development manager
  - community care officer
  - deputy nurse manager
  - occupational therapist
  - podiatrist
  - speech and language therapist
  - senior social worker

Compulsory modules

Implementing Effective Care
The Care of Individuals with Dementia
The Psychosocial Impact of Dementia

(Delivered by Psychology & Neuroscience – see page 115)
History

The University of St Andrews is one of the world’s top 50 Arts and Humanities universities and home to a major centre of postgraduate historical study. The University Library provides extensive collections for use in historical study, including outstanding Special Collections. The superb collections and libraries of Edinburgh and Glasgow are also within easy reach of St Andrews. You can choose from a range of specialised programmes taught by the Schools of Art History, Classics, History, and the Department of Philosophy, as well as interdisciplinary programmes with contributions from a range of Schools. Staff work in a wide variety of different areas within ancient history, art history, mediaeval history, Middle Eastern history, modern history, and Scottish history.

Masters Degree options

MLitt (one year – full time)
MPhil (two years – full time)
Ancient History (including Archaeology) (MLitt & MPhil)
Art History (MLitt & MPhil)
Classics (MLitt & MPhil)
Early Modern History (MLitt & MPhil)
Environmental History (MLitt & MPhil)
History of Philosophy (MLitt & MPhil)
History of Photography (MLitt & MPhil)
Intellectual History (MLitt & MPhil)
Iranian Studies (MLitt & MPhil)
Legal and Constitutional Studies – see page 75
Mediaeval History (MLitt & MPhil)
Middle Eastern History (MLitt & MPhil)
Modern History (MLitt & MPhil)
Reformation Studies (MLitt & MPhil)
Scottish Historical Studies (MLitt & MPhil)
The Book, History and Techniques of Analysis (MLitt & MPhil)
Transnational, Global and Spatial History (MLitt & MPhil)

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.) Sample optional modules – these vary annually and reflect current staff interests.

Collecting and Display in Venice
Image and Technology
Representation and the Body
The Book as Object and Idea
The Classical Tradition
The Documentary Impulse
The Image of the Artist
The Spaces and Art of Learning Art c. 1900
Writing on the Visual

Compulsory module

Themes in Art History

Dissertation

15,000-word Dissertation (MLitt)
You may also apply to attend a three-week Summer School as part of an exchange programme with the Ecole du Louvre in Paris, in which case you write an associated assignment alongside a correspondingly shorter dissertation. A fee of £500 applies and students are also expected to arrange and pay for their own travel and accommodation.

(See also Museum and Gallery Studies – page 70)

(Delivered by Art History – see page 96)
**Early Modern History (MLitt / MPhil)**

- Provides advanced study of the history of the early modern European and Atlantic worlds, including the Ottoman Empire. The programme introduces you to a range of approaches to early modern history and provides advanced training in skills requisite for study of the period.
- St Andrews has one of the highest concentrations of early modern history specialists in the world, and you will receive a high level of specialised supervision and advanced training in the history of the early modern European and Atlantic worlds.
- A range of approaches to early modern history which will build on your previous experience in studying the period from c.1450 to c.1750.
- Both broad and deep preparation, including high-level skills training to prepare interested students for subsequent doctoral research.
- Students typically find this programme provides a solid foundation and advanced transferable skills for further postgraduate study or for other careers in heritage, tourism, or education.

**Compulsory Modules**

- **Themes and Debates in Early Modern History**
- **Themes and Methods in Classics**

**Optional modules**

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

You can either take two thematic modules (one each semester) or one thematic module (in either semester) and two language modules (one each semester).

Sample of thematic modules:

**Classics (MLitt / PG Dip / MPhil)**

- Embraces the study of all aspects of the ancient Greek and Roman world: Greek and Latin literary culture, ancient history, archaeology, classical philosophy, and the reception of antiquity in later periods.
- Includes a unique and intensive core course, covering: sources for the study of Classics; theoretical approaches to antiquity; resources; training in practical skills (e.g. careers, digital humanities, outreach and public engagement).
- Preparation for further study and academic careers in your area of specialism or for other employment.
- Allows you to develop your skills in Greek or Latin (or relevant modern languages) or to begin ancient languages from scratch.
- Gives flexibility to specialise in the areas of your individual interests, with individual supervision from leading researchers.
- Includes the option of taking courses at the British School at Athens or the British School at Rome.

**Compulsory modules**

- **Themes and Methods in Classics**

**Optional modules**

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

You can either take two thematic modules (one each semester) or one thematic module (in either semester) and two language modules (one each semester).

**Sample of thematic modules:**

**Integrated Study Abroad**
- Integrated Study Abroad (Rome or Athens)
- Classical Reception
- Greek and Roman Warfare
- Greek Biography
- Greek Tragedy
- Latin Literary Interactivity
- Latine Imperialis Literature
- Magic in the Greco-Roman World
- Philosophy in Rome

**Plato on Democracy and Tyranny**
- Plato on Democracy and Tyranny
- Religion and Society in the Ancient Greek World
- Representations of Women in the Ancient World
- Slavery in the Ancient Mediterranean
- Ted Hughes and the Classics
- The Culture of Roman Imperialism
- The Expansion of the Afterlife

**Dissertation**

- 15,000-word Dissertation (MLitt)

*(Delivered by Classics – see page 99)*

**Return to Contents**
History (continued)

Environmental History (MLitt / MPhil)

- Explore human interaction with the non-human natural world within the context of a conceptually advanced study of history of science, medicine, and environment.
- Aimed at those who have undertaken previous study in history or cognate subjects and wish to progress their critical skills in analysis.
- An opportunity to gain an interdisciplinary perspective on this intellectually urgent field, within the institutional context of a large and vibrant School of History.
- From an historic perspective, better appreciate the unprecedented scale and pace of human-generated change to the environment over the past century – and the social, political, economic, and ecological implications of these changes.
- Firmly root this knowledge in a progressively better understanding of core issues within historiography and methodology.
- Past graduates of this programme have undertaken careers in research and in environmental management in the university sector. Others have attained positions within environmental NGOs; or as sustainable development officers for particular business corporations.

Compulsory modules

History in the Making: Theories, Approaches and Practices 1 & 2
  * OR * Global Times – Plural Places 1 & 2

AND EITHER

Disease and Environment (c.1500 - 2000) * OR * Environmental History: Nature and the Western World (1800 - 2000) * OR *

Environmental Disasters: Crisis, Catastrophe and Risk in the Modern World (1755 to Present)

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.) The following are sample modules but these vary annually and reflect current staff interests:

- Directed Reading in Modern History
- Environmental Management in Scotland
- History of Modern Science
- Key Issues in German Historiography
- Perceptions of Central and Eastern Europe
- Skills in Transnational History
- Themes and Debates on War and Modern History
- Themes in American History

Dissertation

15,000-word Dissertation (MLitt)

(Delivered by History – see page 107)

History of Philosophy (MLitt / MPhil)

- Focus on the historical traditions of western philosophy, allowing you to study across a range of periods – from the classical period through to early analytic philosophy.
- Aimed at those with at first degree in Philosophy. If you do not have an undergraduate degree in Philosophy, you may be interested in the Graduate Diploma – Conversion (see page 73).
- Expertise across the full range of periods, from the classical period, via mediaeval philosophy, modern philosophy, including the Scottish Enlightenment and Kant, to early analytic philosophy.
- The programme develops a distinctive approach to understanding the inter-connected questions, themes and topics from these periods, equipping you with tools for future research at doctoral level.
- You will have the opportunity to go on an annual reading party in the Scottish Highlands along with research postgraduates and staff.
- Optional modules in moral philosophy, political philosophy and legal philosophy are available.

Compulsory modules

Current Issues in Philosophy 1
Current Issues in Philosophy 2
Research Methods

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Sample optional modules for this programme:

- Classical Philosophy
- Justice: Ancient & Modern
- Kant
- Mediaeval Philosophy
- Moral & Political Philosophy in the Nineteenth Century
- Origins and History of Analytical Philosophy
- Philosophy of Time
- Philosophers of the Scottish Enlightenment
- Political Philosophy
- Political Philosophy in the Age of Revolutions
- Twentieth-Century Philosophers

Dissertation

15,000-word Dissertation (MLitt)

(Delivered by Philosophy – see page 113)
History of Photography (MLitt / MPhil)

• Offers a range of innovative courses covering the nineteenth-century origins of photography and the camera to the high-modernist art photography, documentary narratives and technological advances of the twentieth century.
• The choice of modules allows wide-ranging study of thematic or methodological issues, as well as focused research pathways.
• Recent graduates are employed in universities and archives, museums and galleries, auction houses, radio stations, publishing houses and magazines.

Compulsory module
Issues in Photographic Criticism

Optional modules
Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)
Sample optional modules – these vary annually and reflect current staff interests.

Bibliography for Art History or History of Photography
Imperial Lens: Readings in Nineteenth-Century Asian Photography
Readings in Art History or History of Photography
Histories of Photography, 1835–1905
The ‘New Vision’ in Twentieth Century European Photography
The Documentary Impulse
University of St Andrews Photographic Collection

Dissertation
15,000-word Dissertation (MLitt)

(Delivered by Art History – see page 96)

Intellectual History (MLitt / MPhil)

• An interdisciplinary programme which provides you with a broad knowledge of the latest intellectual-historical research, encompassing politics, religion, philosophy, science, international relations, economics and literature.
• Aimed at anyone interested in ideas and the history of ideas.
• Learn to treat past ideas as historical phenomena, as well as assessing the meanings of these ideas as intended by their authors, and in contexts beyond those their authors may have foreseen.
• This interdisciplinary programme brings together experts from across the University with a common interest in researching and contextualising key ideas in their subject areas.
• We will raise your awareness of the different kinds of intellectual history being practised today, and the relationship between intellectual history and philosophy, literature and literary studies, international relations, law, politics, economics and theology.
• Solid grounding in the compulsory modules leads to the exciting opportunity to structure individually your in-depth research under the guidance of a world class scholar in a specific area of intellectual history focusing on history, international relations, philosophy, divinity or English.
• Your chosen research area may well become a springboard for your Masters dissertation or even lead you into a PhD.

Compulsory modules
Current Controversies in Intellectual History
Directed Reading (Masterclass in Intellectual History)
Theory and Practice of Intellectual History
Turning Points in the History of Ideas

Dissertation
Summer – 15,000-word Dissertation (MLitt)

(Delivered by English (page 104), History (page 107), International Relations (page 108), and Philosophy (page 113))
History
(continued)

**Iranian Studies (MLitt / MPhil)**

- Study the history, politics and international relations of Iran in a diverse and intellectually stimulating environment.
- Introduction to major themes, concepts and questions including aspects of methodology and historiography, and questions of nationalism, religion and social structures, as well as an outline of Iran’s place in the region and the broader international community.
- You benefit from the burgeoning resources of the University Library which has some 6,000 Persian books.

**Compulsory module**

*Themes in Middle Eastern History and Politics*

**Optional modules**

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

*Directed Reading in Middle Eastern History and Culture* (tailored individual course of study)
*Iran and the World since 1921*
*Mediaeval Iran: from the Sasanids to the Samanids*
*Middle Eastern Historical Translation*
*Persian for Beginners 1*
*Persian for Beginners 2*

**Dissertation**

Summer – 15,000-word Dissertation (MLitt)

*(Delivered by History – see page 107)*

**Mediaeval History (MLitt / MPhil)**

- Study a variety of topics in depth from across the mediaeval worlds, both East and West, from Late Antiquity through to the Later Middle Ages. This broad-ranging programme is designed to cater for those of differing career ambitions, areas of specialisation and previous training.
- Immense range of expertise from the largest gathering of mediaeval scholars in any non-collegiate university in the English-speaking world.
- An opportunity to pursue an interest in the area beyond the undergraduate level.
- Fosters basic research skills, including bibliography and source criticism.

**Compulsory modules**

*An Introduction to Paleography with Codicological and Manuscript Studies*
*Sources and Source Criticism*

ONE OF:

*Special Topic in Mediaeval History* (tailored individual course of study) *OR* *Living with the Lion: Themes in the Study of Mediaeval Scotland*

AND:

*Historical Sources and Skills* *OR* a language module

**Dissertation**

Summer – 15,000-word Dissertation (MLitt)

*(Delivered by History – see page 107)*

Module titles listed are illustrative and may be subject to change (see Curriculum development page 7).
Middle Eastern History (MLitt / MPhil)

- Explore in depth a variety of historical topics including social, political, cultural and intellectual history of this crucially significant region of the world. The programme draws upon the wide range of expertise within the School of History.
- Explore a series of key themes, concepts and questions.
- Introduction to methodological and analytical approaches, including Orientalism.
- Questions of nationalism and a wide range of historical writing across the Middle East.
- Fields available to explore include: Ayyubid and Mamluk Near East; Early Ottoman History; Mediaeval Armenia; Modern Arabic Literature; Sasanian and modern Iran.

**Compulsory module**

*Themes in Middle Eastern History and Politics*

**Optional modules**

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- Arabic for Beginners 1 + OR + Intermediate Persian 1
- Arabic for Beginners 2 + OR + Intermediate Persian 2
- Directed Reading in Middle Eastern History (tailored individual course of study)
- Middle Eastern Historical Translation

**Dissertation**

Summer – 15,000-word Dissertation (MLitt)

*(Delivered by History – see page 107)*

Modern History (MLitt / MPhil)

- If you have an undergraduate degree in History, or can demonstrate an equivalent level of historical training, this programme provides an opportunity to develop a deeper understanding of key issues in the discipline by pursuing studies at a conceptually advanced level.
- Postgraduate historians work intensively in a variety of subject areas while achieving a steady progression in core fields such as historiography and methodology.
- An introduction to history and historiography for those interested in all branches of historical study.
- Flexible nature of the programme makes it suitable both for those wishing to go on to doctoral research and for those wishing only to take a year's specialist study.
- Make full use of the wide spectrum of specialist areas covered by members of the School of History.
- Explore the literature on a topic of individual interest under the guidance of an expert.
- This programme is designed in a way that maximises choice:
  - Either specialise in a particular area (e.g. French history, German history, American history).
  - Or gain a broader introduction to the study of history at postgraduate level.

**Compulsory modules**

*History in the Making: Theories, Approaches and Practice*
*Directed Reading in Modern History (tailored individual course of study)*

**Optional modules**

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- Building Britain: The Construction and Deconstruction of Britishness since 1707
- Crossing Borders: European History in Transnational Perspectives
- History of Modern Science
- Key Issues in German Historiography
- Perceptions of Central and Eastern Europe
- Themes and Debates in Modern French History
- Themes in American History

**Dissertation**

Summer – 15,000-word Dissertation (MLitt)

*(Delivered by History – see page 107)*
Reformation Studies (MLitt / MPhil)

- Do you have an undergraduate or Masters degree in History, Divinity or a cognate subject and wish to develop your interests in the European Reformation more fully?
- This programme is intended both for those preparing for doctoral research and for those who wish to study the period at an advanced level.
- Intensive training in the historiography, debates, and sources of the Protestant and Catholic Reformations.
- Skills training as advanced preparation for doctoral work.
- Provides the opportunity to explore individual areas of interest, specialising in a particular theological, geographical, or methodological area, while also instilling a wide contextual awareness of all of the European Reformations.
- The Reformation Studies Institute, through which this programme is delivered, has one of the largest concentrations of scholars active in this field in any European university.
- Explore approaches and methods employed in the study of early modern religious history.
- Topics range from theology and church history to politics, social history and visual culture.
- Explore the literature in a field of particular individual interest with an expert member of staff.
- The Reformation Studies Institute at St Andrews hosts a regular seminar programme, and numerous workshops and conferences.

Compulsory module
Aspects of Reformation

Optional modules
Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Directed Reading in Modern History (tailored individual course of study)
Religion and Identity in Early Modern Britain
The European Renaissance

Skills training in two of the following three:
Early Modern Documents and Sources
Latin
Paleography and Manuscript Studies

Dissertation
Summer – 15,000-word Dissertation (MLitt)
(Delivered by History – see page 107)

Scottish Historical Studies (MLitt / MPhil)

- Explore Scotland’s long-term development over time and focus on more specific topics of interest under the guidance of renowned experts in the field.
- Explore the critical relationships between interpretations of the Scottish past and modern Scottish politics, culture and society.
- Explore multiple and often conflicting Scottish identities as they developed over time in the broader context of British, imperial and global history.
- Pursue more intensive study of the literature of a topic of your choice under the guidance of an expert supervisor.
- Focused attention upon one of three time periods develops the understanding and skills required to pursue independent research.
- Supplementary (not for credit) classes are available in palaeography and languages.

Compulsory modules
Scotland’s Pasts: Writing Scotland from the Middle Ages to the Present
Directed Reading in Scottish History (tailored individual course of study)

Optional modules
Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Building Britain: The Construction and Deconstruction of Britishness, 1707-2000
Historical Sources and Skills
Living with the Lion: Themes in the Study of Mediaeval Scotland Religion and Identity in Early Modern Britain

Dissertation
Summer – 15,000-word Dissertation (MLitt)
(Delivered by History – see page 107)
The Book, History and Techniques of Analysis (MLitt / MPhil)

- Flexible nature of the programme makes it suitable both for those wishing to go on to doctoral research and for those wishing only to take a year's specialist study.
- Develop a deep understanding of key issues and methods in book history c.1445-1870.
- Become familiar with the invention, development, spread, and transformation of printing in the period concerned.
- Explore important aspects of book history, such as the economics of the book trade, the social and religious context of printed books, news and censorship, the development of the illustrated book, the relationship between books and the Enlightenment, the industrialisation of print, and the history of libraries and book collecting.
- Acquire the technical skills required for rare book curatorship (teaching involves the Special Collections department): bibliography, paper, format, type, provenance, bindings, fingerprints, technical description, cataloguing, research tools and methods.
- Undertake skills training in palaeography and either Latin or a modern foreign language.
- Study as part of an active book history research community with the Universal Short Title Catalogue, Department of Special Collections, Book History Online, and the St Andrews Book History Conference series.

Compulsory module

Books and their Readers in Early Modern Europe

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Sample optional modules – these vary annually and reflect current staff interests.

- Early Modern Documents and Sources
- Latin for Postgraduate Research
- Material Bibliography
- Palaeography and Manuscript Studies
- Political Thought and Intellectual History
- The European Renaissance
- Religion and Identity in Early Modern Britain

Dissertation

Summer – 15,000-word Dissertation (MLitt)

(DELIVERED BY HISTORY – SEE PAGE 107)

Transnational, Global and Spatial History (MLitt / MPhil)

- This is an exciting and growing area of study that promotes new transnational perspectives and ways of seeing the past through an explicit appreciation of scale in space and time.
- You explore a range of approaches to the study of global trade, the development of networks, comparative history and cross-cultural encounters.
- Flexible nature of the programme makes it suitable both for those wishing to go on to doctoral research or wishing only to take a year's specialist study.
- A unique introduction to the emerging field of spatial history, including the study of representations of space, of landscapes, mental maps, spatial practices and topographies of memory.
- Explore approaches to the history of cities as hubs, of transfers and travel, of the circulation of ideas and the migration of peoples.
- Gain proficiency in powerful tools for mapping, geographic analysis, and the study of social networks as well as skills in the use of non-textual sources and overcoming the challenges of translation and multi-lingual archives.
- Supplementary language courses, not for credit, are available in some languages. You are strongly encouraged to take advantage of additional opportunities for language study during the year of the course.

Compulsory module

Global Times Plural Spaces

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Skills in Transnational, Global and Spatial History
- Directed Reading (tailored individual course of study)
- The Creation of an Atlantic World
- War, State and Society in Early Modern Europe and New Worlds
- Disease and Environment (c. 1500-c. 2000)
- Environmental History: Nature and the Western World, 1800-2000
- Themes in Middle Eastern History and Politics
- Perceptions of Central and Eastern Europe
- Political Thought and Intellectual History
- Building Britain
- Themes in American History

Dissertation

Summer – 15,000-word Dissertation (MLitt)

(DELIVERED BY HISTORY – SEE PAGE 107)
Language and Literary Studies

The University of St Andrews offers a range of programmes that allow you to explore literary developments and ideas in a specific period or culture, improve your knowledge of an ancient or modern language, and understand literary and cultural contexts. Programmes are taught either in the School of Classics, the School of English or the School of Modern Languages, but feature collaborative teaching across different areas within one School. Those on different MLitt programmes typically take some modules together, and all postgraduates are encouraged to attend the large number of research seminars and workshops organised by your specific School. Staff interests cover a wide variety of literary genres from antiquity to the present day in a range of languages (Arabic, French, English, German, Greek, Italian, Latin, Persian, Russian and Spanish), as well as creative writing, comparative literature, and medieval English.

**Degree options**

- **MLitt** (one year – full time)
- **MPhil** (two years – full time)
- **MFA** (two years – full time)

**Arabic** (MPhil)

*Classical Literature and Culture (MLitt & MPhil) – see Classics*  
*Comparative Literature (MLitt & MPhil)*  
*Creative Writing (MLitt & MFA)*  
*English Language Teaching (MLitt)*  
*French (MPhil)*  
*French Studies (MLitt)*  
*German (MPhil)*  
*German and Comparative Literature (MLitt/MA with Bonn)*  
*German Studies (MLitt)*  
*Greek (MLitt & MPhil) – see Classics*  
*Greek & Latin (MLitt & MPhil) – see Classics*  
*Hispanic Studies (MPhil)*  
*Italian Studies (MLitt)*  
*Latin (MLitt & MPhil) – see Classics*  
*Middle Eastern Literary and Cultural Studies (MLitt & MPhil)*  
*Modern and Contemporary Literature and Culture (MLitt & MPhil)*  
*Postcolonial and World Literatures (MLitt & MPhil)*  
*Romantic/Victorian Studies (MLitt & MPhil)*  
*Russian Studies (MLitt & MPhil)*  
*Shakespeare and Renaissance Literary Culture (MLitt & MPhil)*  
*Spanish and Latin American Studies (MLitt)*  
*Women, Writing and Gender (MLitt & MPhil)*

**Other options**

- **Postgraduate Diploma** (nine months – full time)

**Compulsory module**

*Themes and Methods in Classics*

**Optional modules**

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

You can either take two thematic modules (one each semester) or one thematic module (in either semester) and two language modules (one each semester).

Sample of thematic modules:

- Integrated Study Abroad  
  (Rome or Athens)
- Classical Reception  
- Greek and Roman Warfare  
- Greek Biography  
- Greek Tragedy  
- Latin Literary Interactivity  
- Late Imperial Literature  
- Magic in the Greco-Roman World  
- Philosophy in Rome  
- Plato on Democracy and Tyranny  
- Religion and Society in the Ancient Greek World  
- Representations of Women in the Ancient World  
- Slavery in the Ancient Mediterranean  
- Ted Hughes and the Classics  
- The Culture of Roman Imperialism  
- The Expansion of the Afterlife

**Dissertation**

15,000-word Dissertation (MLitt)

(Delivered by Classics – see page 99)
Comparative Literature (MLitt / MPhil)

- Explore the transnational understanding of literature and culture.
- Critical evaluation of theoretical approaches combined with the intensive study of an extremely broad range of European texts and their relations to other literatures.
- Training in traditional and new research techniques.
- The opportunity to broaden your language portfolio.

**Compulsory modules**

- Apples and Oranges: Issues in Comparative Literature
- Research and Professional Skills
- The Contemporary Canon: Why Books Sell
- The Specialised Reading and Translating for Comparative Literature
- Theory and Practice of Literary Research 1

**Optional modules**

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- French Literary Revolutions
- Generations in Russian Literature and Culture
- German Literary and Cultural Contexts – Turning Points
- Italian Literary and Cultural Contexts: Italians
- Middle Eastern Literary and Cultural Contexts
- Patterns in Hispanic Literature and Film
- Research and Cultural Contexts
- Specialised Research in French Studies / German Studies / Italian Studies / Middle Eastern Literatures and Cultures / Russian Studies / Spanish and Latin American Studies

**Dissertation**

Summer – 15,000-word Dissertation (MLitt)

(Delivered by Modern Languages – see page 112)

Creative Writing (MLitt / MFA)

- The MLitt provides you with technically-oriented tuition followed by a dissertation. The MFA begins with the same tuition, and continues with a year of intensive writing and mentorship led by world-class academics and leading contemporary authors, which will qualify you to teach creative writing in higher education institutions.
- Aimed at Humanities students with some demonstrable talent for writing; mature students; applicants for MFA Year 2 who already have a distinction-level Masters degree in Creative Writing and/or intensive critical and creative study in poetry or in a variety of prose forms, including fiction, life writing and playwriting.
- An emphasis on best practice in recent and contemporary writing.
- Encourages the development of your work, in either prose, poetry or writing for performance.
- You should be adept at academic study as well as your own writing, and will be taught by published writers who are familiar with the problems, pressures and pleasures of writing.
- Those taking Writing for Performance modules will participate in a number of theatre visits and will be required to meet costs of approximately £200.
- Many graduates go on to become published writers and/or pursue careers in a range of sectors including journalism, marketing, publishing and teaching.

**Compulsory modules**

- Research Skills for Creative Writers
- Practical Pedagogy for Creative Writers (compulsory for MFA only)

**Optional modules**

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Choose a pair of single semester modules

- Writing for Performance 1 & Writing for Performance 2
- Writing Poetry 1 & Writing Poetry 2
- Writing Prose 1 & Writing Prose 2

**Dissertation**

For MLitt: Summer – Dissertation which takes the form of original writing: for writers of prose, 15,000 words; for writers of poetry, c. 20 pages of verse; for writers for performance, c. 45 minutes performance time.

For MFA: Coursework – for writers of prose, c. 40,000-word thesis; for writers of poetry, c. 40 pp of verse thesis; for writers for performance, c. 90 minutes’ performance time thesis.

(Delivered by English – see page 104)
Language and Literary Studies
(continued)

Crossways in Cultural Narratives (Erasmus Mundus MLitt)

- A two-year programme delivered by a consortium of ten international universities. At St Andrews, study in this degree focuses on the areas of cultural identities and comparative literature. Programmes offered in collaboration with another institution are renewed annually.
- Aimed at those with a good first degree in a humanities subject keen to explore issues in comparative literature, cultural identity, history or visual and media studies in three different universities chosen from an international consortium of ten universities.
- Mastery of at least two of English, French, Italian, Polish, Portuguese and Spanish is required.
- Provides an opportunity to study three languages, at three institutions over two years.
- St Andrews is one of a consortium of universities offering this unique EU-endorsed, multidisciplinary, multilingual programme. The major focus is on literature (with a comparative approach), but it includes modules in aesthetics, history of ideas, semiotics and communication.
- The programme is open to European students from EU member states, as well as those from the rest of the world. Our contribution to this ground-breaking course focuses on ‘Cultural identities’. You can find full details at: www.munduscrossways.eu

Compulsory module

Literary and Cultural Theory 1 (depending on pathway)

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- Apples and Oranges: Issues in Comparative Literature
- Literary and Cultural Theory 1 (depending on pathway)
- Literary and Cultural Theory 2

Dissertation

During Semesters 2 and 3, you begin research towards the final component of the Erasmus Mundus MLitt, a 20,000-word dissertation, completed during Semester 4.

You will write the dissertation in one of the principal languages of your study.

Dissertations are supervised by a principal and a support supervisor from two universities of the consortium.

(Delivered by Modern Languages – see page 112)

English Language Teaching (MLitt)

- The aim of this one-year full-time postgraduate programme is to provide an overview and critical understanding of the theory and practice of English language teaching. The programme is designed to be useful to experienced English language teachers as well as those considering English language teaching in the future.
- The foundations of applied linguistics in the first semester are developed and applied to classroom observations and practice during the second semester. Successful completion of the first two semesters allows you to proceed to the dissertation stage and undertake a piece of classroom research.
- Experience small group teaching in a supportive environment.
- Explore current teaching technologies and the use of electronic resources.
- Consider the variety and complexity of English language teaching contexts, globally.
- Be part of the student community in one of the UK’s most ancient and prestigious universities.
- Graduates from the programme will have gained an in-depth understanding of the theory of second language acquisition and current thinking on teaching second language teaching methodology, and will have had an opportunity to observe a variety of language classes and reflect on their own teaching and learning contexts.

Compulsory modules

- Language Teaching Methodology
- Linguistics for Language Teachers
- The Context of English Language Teaching
- The Language Learner

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- Assessment & Evaluation
- English for Academic Purposes
- Research Methods in English Language Teaching
- Teaching Young Learners
- Testing & Evaluation

Dissertation

Summer – 15,000-word Dissertation

(Delivered by English Language Teaching – see page 12)
French Studies (MLitt)

- Acquire advanced knowledge of contexts that have shaped literature and culture in the French-speaking lands from the Renaissance to the present day.
- You need to have an undergraduate degree in French and may wish to continue to PhD study.
- As you progress through this programme, from the compulsory themed modules which are shared by students of other languages as well, to the Dissertation phase, the focus becomes much narrower as you identify your specific research interests and topics and the teaching becomes more individualised and geared towards encouraging and directing independent research.
- The MPhil is available in ‘French’.

Compulsory modules

French Literary Revolutions
Literary and Cultural Theory 1
Literary and Cultural Theory 2
Research and Professional Skills
Specialised Research in French Studies

Dissertation

Summer – 15,000-word Dissertation

German and Comparative Literature (MLitt / MA with Bonn)

- A unique opportunity to gain a comparative perspective on German literature through a joint qualification from the University of St Andrews and the University of Bonn in Germany.
- You will need to be fluent in both German and English. English native speakers will be assessed in German language skills in an interview at Bonn or St Andrews. German applicants and those with native languages other than English will need to provide an English certificate (Level C2, TOEFL, IELTS or equivalent).
- You complete a two-year degree course spending your first year in Germany and the second year in Scotland.
- Upon successful completion you are awarded a joint degree comprising a Scottish MLitt and a German MA.
- You become truly bilingual and intercultural by studying at two world-renowned and historic universities.
- The programme is taught by a group of internationally renowned experts in all major areas of German and comparative studies from the Middle Ages to the twenty-first century.
- Further information on Modern Languages webpages.

Compulsory modules

Apples and Oranges: Issues in Comparative Literature
German Literary and Cultural Contexts: Turning Points (40- and 20-credit versions available)

Those taking the 40-credit version of German Literary and Cultural Contexts: Turning Points do not take optional modules.

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Those taking the 20-credit version of the German Literary and Cultural Contexts: Turning Points take one additional 20-credit module from a selection offered by the School of Modern Languages and the School of English.

Dissertation

In the second semester at St Andrews, you specialise in an area of choice within German or Comparative Literature and write an 18,000-word dissertation under the joint supervision of one scholar in Bonn and one supervisor in St Andrews. This is an in-depth independent research project that serves as an ideal preparation for the demands of a PhD.

(Delivered by Modern Languages – see page 112)
Language and Literary Studies (continued)

**German Studies (MLitt)**

- Develop your academic interests in the societies, cultures, literatures and films of the German-speaking lands from the Middle Ages to the present.
- Aimed at suitably qualified students interested in acquiring the knowledge and critical skills vital for a profound understanding of one of Europe's most influential and vital cultures. Some of the those embarking on this course will intend upon completion to pursue a research degree (PhD) in German Studies.
- Receive training in traditional and new research techniques and have the opportunity to broaden your language portfolios.
- Small class sizes of no more than 20 students provide a close-knit postgraduate community and friendly environment.
- Teaching is geared towards encouraging and directing independent research.
- You will have access to teachers with expertise in a wider range of areas in German Studies (mediaeval literature, the nineteenth century, realism, historiography, cultural memory and film) than that offered at many other UK universities.
- Prepares you to take on a variety of roles in careers such as:
  - social and educational administration
  - broadcasting
  - journalism
  - parliamentary research within a Scottish, UK and international framework.
- The MPhil is available in ‘German’.

**Compulsory modules**

- German Literary and Cultural Contexts: Turning Points (40)
- Literary and Cultural Theory 1
- Literary and Cultural Theory 2
- Research and Professional Skills
- Specialised Research in German Studies

**Dissertation**

Summer – 15,000-word Dissertation

Student dissertations will be supervised by members of the teaching staff who will advise on an agreed topic and provide guidance throughout the research process.

(Delivered by Modern Languages – see page 112)

**Italian Studies (MLitt)**

- Further your studies in Italian literature and culture. Alongside an in-depth exploration of theory and training in research methodologies, you pursue directed study into topics that will broaden and develop your own research interests.
- Aimed at high quality undergraduates in Italian or a related area with good knowledge of the Italian language looking to deepen/broaden their knowledge of Italian culture. You need to have a good (2:1) undergraduate degree in Italian, and a C1 knowledge of Italian language.
- Provides the perfect grounding in training and theory to prepare you for PhD study.
- The compulsory themed modules are shared by students of other languages as well. Then you will take Italian Literary and Cultural Contexts in which you will explore how the question of national identity has been explored through cultural production from the twelfth century to the present day.
- The flexibility that the MLitt allows means that this module can be partially tailored to suit your specific interests through the directed identification of topics and readings.
- Then with the Specialised Research module, and finally the Dissertation, the focus becomes more targeted as you refine your individual research interests and topics. Teaching becomes increasingly geared towards encouraging and directing independent research and preparing for potential PhD study.

**Compulsory modules**

- Italian Literary and Cultural Contexts: Italians
- Literary and Cultural Theory 1
- Literary and Cultural Theory 2
- Research and Professional Skills
- Specialised Research in Italian Studies

**Dissertation**

Summer – 15,000-word Dissertation

(Delivered by Modern Languages – see page 112)
Module titles listed are illustrative and may be subject to change (see Curriculum development page 7).

Medieval English (MLitt / MPhil)

• A rigorous programme of study covering the medieval literature of England and Scotland from the Anglo-Saxon period to the early Renaissance.
• Aimed at those interested in medieval literature, in the acquisition of a taught postgraduate qualification, and/or in the possibility of moving towards a PhD.
• The programme develops the various intellectual and practical skills necessary for research in the field of medieval literature.
• You will extend and deepen your knowledge of English and Scottish literature from the earliest Old English writings through to the close of the Middle Ages.
• You will have access to the many research resources and opportunities of both the School of English and the Institute of Mediaeval Studies; expert palaeography classes and access to unique manuscript material are also provided by the University's Special Collections.
• You are automatically a member of the Medieval and Renaissance Research Group.
• The School of English hosts events through its four research groups, which all postgraduate students may attend.
• The School will normally award at least two scholarships to MLitt entrants each year.
• Graduates go on to pursue careers in a range of sectors including journalism, marketing, publishing and teaching.

Compulsory modules

- Literary Research: Skills and Resources
- Middle English Literature in Context
- Old English
- Reading the Medieval Text

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- Special Topic in English Studies
- A compulsory module from another English MLitt (see www.st-andrews.ac.uk/coursecatalogue/pg )
- An approved postgraduate module outwith the School of English (arranged independently with another School such as Classics, Divinity, Modern Languages or Philosophical, Anthropological and Film Studies)

Dissertation

15,000-word Dissertation (MLitt)

(Delivered by English – see page 104)

Middle Eastern Literary and Cultural Studies (MLitt / MPhil)

• Deepen your knowledge of classical and modern Arabic and Persian literatures and cultures as a prelude to professional work in the arts and culture of the area or as a sound basis for progression to PhD study.
• You need to have an undergraduate degree in either Arabic or Persian.
• Aimed at those who have studied Persian or Arabic literature, and are interested in other languages’ literatures or postcolonial studies, translation studies, gender studies and Middle Eastern history and culture.
• If you are looking to expand your understanding and knowledge of the literature, culture and history of Arabic or Persian or both, and/or to continue at PhD level, select this programme.
• As you progress through this programme, from the compulsory themed modules, some of which are shared by students of other literatures and cultures as well, to the Dissertation phase, the focus becomes much narrower as you identify your specific research interests and topics. The teaching becomes more individualised and geared towards encouraging and directing independent research.

Compulsory modules

- Literary and Cultural Theory 1
- Literary and Cultural Theory 2
- Middle Eastern Literary and Cultural Contexts (40)
- Research and Professional Skills
- Specialised Research in Middle Eastern Literatures and Cultures

Dissertation

Summer – 15,000-word Dissertation (MLitt)

(Delivered by Modern Languages – see page 112)
Language and Literary Studies
(continued)

Modern and Contemporary Literature and Culture (MLitt / MPhil)

- Navigate the key texts, contexts and theories that have shaped literature and culture from 1900 to the present.
- Aimed at those interested in modern and contemporary literature, in the acquisition of a taught postgraduate qualification, and/or in the possibility of moving towards a PhD.
- Exploring a range of topics and texts from across the period, the programme aims to enhance your textual knowledge and promote thinking about the interconnections between modern and contemporary literature and its historical, cultural and theoretical contexts.
- Study the interdisciplinary dimension of modernism through topics which explore cultural production across the arts, music, film and literature.
- Explore the key developments in modern and contemporary literary studies in dialogue with leading scholars in the fields of Modernism, including T S Eliot and Virginia Woolf; women’s writing and gender studies; crime fiction; contemporary critical theory; modern and contemporary poetry; postcolonialism; Scottish literature; war writing; literature of the 1940s; British cinema and music.
- Focus on the key literary and cultural theories of the contemporary period alongside a global range of modern and contemporary texts.
- Develop your skills as a researcher within a specific area of study by taking special topic modules.

Compulsory modules

Contemporary Literature and Culture Contextualising the Modern Literary Research: Skills and Resources Reading the Modern Theorising the Contemporary

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- Special Topic in English Studies
- A compulsory module from another English MLitt (see www.st-andrews.ac.uk/coursecatalogue/pg)
- An approved postgraduate module outwith the School of English (arranged independently with another School such as Classics, Divinity, Modern Languages or Philosophical, Anthropological and Film Studies)

Dissertation

15,000-word Dissertation (MLitt)

(Delivered by English – see page 104)

Postcolonial and World Literatures (MLitt / MPhil)

- This unique MLitt programme seeks to foster the next generation of scholars in postcolonial and world literary studies.
- Of particular interest to international students (US, Canada, South Asia, China, Europe, Australia).
- Building on your previous experience, this MLitt aims to develop an in-depth knowledge of postcolonial studies in light of renewed scholarly interest in world literatures, and to encourage the pursuit of new avenues of thought that redefine the interlinked projects of these prominent areas of critical practice.
- Covering a range of periods, topics and contexts, the programme offers the opportunity to study the theoretical, literary, cultural and historical dimensions of contemporary postcolonialism from colonial encounters, to the emergence of the field, and its current articulation in a globalised era of world literature.
- The UK’s first combined Masters programme in Postcolonial and World Literatures.
- Explore a global range of writers from the colonial to the contemporary on a programme that offers a comprehensive training in postcolonial and world literary studies.
- Develop your skills as a researcher within a specific area of study by taking special topic modules.

Compulsory modules

Approaches, Theories, Contexts 1 & 2 Literary Research: Skills and Resources Literature and Culture from the Colonial to the Postcolonial Postcolonial and World Literatures

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- Special Topic in English Studies
- A compulsory module from another English MLitt (see www.st-andrews.ac.uk/coursecatalogue/pg)
- An approved postgraduate module outwith the School of English (arranged independently with another School such as Classics, Divinity, Modern Languages or Philosophical, Anthropological and Film Studies)

Dissertation

15,000-word Dissertation (MLitt)

(Delivered by English – see page 104)
Romantic / Victorian Studies (MLitt / MPhil)

- Enhances your knowledge and thinking about Romanticism and Victorian literature through the study of literary culture from the 1760s to 1900.
- Increase your knowledge of nineteenth-century culture.
- Develop your skills as a researcher within a specific area of study by taking special topic modules.
- Focus on a range of Romantic and Victorian texts, including works by Jane Austen, Charlotte Brontë, John Keats, and Oscar Wilde.
- Study Romantic and Victorian literature through a diverse range of ideologies, including discourses of revolution and reform, debates about gender, and aestheticism.

Compulsory modules

Life, Text, Afterlife
Literary History, Politics, Culture
Literary Research: Skills and Resources

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

You will choose one optional module out of the following three choices:

- Special Topic in English Studies
- A compulsory module from another English MLitt (see www.st-andrews.ac.uk/coursecatalogue/pg )
- An approved postgraduate module out with the School of English (arranged independently with another School such as Classics, Divinity, Modern Languages or Philosophical, Anthropological and Film Studies)

Dissertation

15,000-word Dissertation (MLitt)

(DELIVERED BY ENGLISH – SEE PAGE 104)

Return to Contents
Shakespeare and Renaissance Literary Culture (MLitt / MPhil)

- Study of one of the most exciting and formative periods in European history, centred on the key writer in the English literary tradition: William Shakespeare.
- Aimed at those interested in early modern literature, in the acquisition of a taught postgraduate qualification, and/or the possibility of moving towards a PhD.
- An all-round introduction to the literature of the sixteenth and seventeenth centuries.
- Covers both elite and popular writing, the influence of other continental vernaculars, and the importance of print and manuscript media.
- The School of English prides itself on its support of student work through detailed feedback and commentary. Our aim is that you should leave the programme as more fluent and accomplished writers than you entered it, better informed about the literature of the English Renaissance, and capable of producing interpretative prose of the highest quality.
- Fully explore the literature and culture of the English Renaissance (c. 1500-1700).
- A range of critical and interpretative perspectives, selecting from a range of available module options.
- Manuscript, print, speech, and the editing of Renaissance texts.
- All foreign language texts will be taught in translation.
- The School will award at least two scholarships to MLitt entrants.

Compulsory Modules

- Literary Research: Skills and Resources
- And at least three from:
  - The Continental Renaissance
  - Renaissance Popular Culture
  - Shakespeare and Textual Culture
  - Learned Culture: Rhetoric, Politics and Identity

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- Special Topic in English Studies
- A compulsory module from another English MLitt (see www.st-andrews.ac.uk/coursecatalogue/pg)
- An approved postgraduate module outwith the School of English (arranged independently with another School such as Classics, Divinity, Modern Languages or Philosophical, Anthropological and Film Studies)

Dissertation

15,000-word Dissertation (MLitt)

Spanish and Latin American Studies (MLitt)

- Develop and enhance your knowledge of Hispanic literature, culture and history through textual study and theoretical reflection.
- You need to have an undergraduate degree in Spanish or equivalent experience.
- Expand your understanding and knowledge of the literature, culture and history of the Hispanic world, and prepare you for a PhD.
- As you progress through this programme, from the compulsory themed modules, which are shared by students of other languages, to the Dissertation phase, the focus becomes much narrower as you identify your specific research interests and topics and the teaching becomes more individualised and geared towards encouraging and directing independent research.
- You receive training in traditional and new research techniques.
- Small class sizes of no more than 20 students provide a close-knit postgraduate community and friendly environment.
- The MPhil is available in ‘Hispanic Studies’.

Compulsory modules

- Patterns in Hispanic Literature and Film (40)
- Literary and Cultural Theory 1
- Literary and Cultural Theory 2
- Research and Professional Skills
- Specialised Research in Spanish and/or Latin American Studies

Dissertation

Summer – 15,000-word Dissertation

(Delivered by Modern Languages – see page 112)
Women, Writing and Gender (MLitt / MPhil)

- A unique opportunity to explore the rich and varied output of women writers across history and to consider critical issues surrounding gender and writing from 1500 to the present day.
- Aimed at those interested in gender studies, in the acquisition of a taught postgraduate qualification, and/or in the possibility of moving towards a PhD.
- Gain an excellent foundation for further research on women writers and the relationship between gender and literature.
- Consider broader historical and contemporary debates in feminism and gender studies, and examine the diversity of women's literary practices across a range of centuries and genres.
- Develop your skills as a researcher within a specific area of study by taking special topic modules.
- Participate in the School's wider research culture through period-based research groups, annual colloquia, and the Postgraduate Forum.
- Some scholarships available for MLitt students.

Compulsory modules

Women, Writing and Gender 1: Renaissance to Romanticism
Women, Writing and Gender 2: Victorian to Contemporary
Literary Research: Skills and Resources
Theories and Contexts

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- Special Topic in English Studies
- A compulsory module from another English MLitt (see www.st-andrews.ac.uk/coursecatalogue/pg)
- An approved postgraduate module outwith the School of English (arranged independently with another School such as Classics, Divinity, Modern Languages or Philosophical, Anthropological and Film Studies)

Dissertation

15,000-word Dissertation (MLitt)

(Delivered by English – see page 104)
Mathematical and Computational Sciences

Delivered by the School of Computer Science and the School of Mathematics & Statistics, these programmes allow you to further develop your quantitative and problem-solving skills. You can choose from broadly based programmes, which allow for specialisation during the year, or pre-designed specialist programmes in a range of areas. Throughout your programme you will have access to well-equipped computer labs in Schools and to the nearby science-focused J F Allen Library. The programmes and modules on offer to postgraduates are informed by the research groups within the Schools. These include Algebra and Combinatorics; Artificial Intelligence; Computer Systems; Human Computer Interaction; Mathematical Analysis; Mathematical Biology; Programming Languages; Solar and Magnetospheric Theory; Statistical Ecology; Statistical Inference; Systems Engineering; and Vortex Dynamics.

Masters Degree options

MSc (one year – full time)
MPhil (two years – full time)
Advanced Computer Science (MSc & MPhil)*
Applied Statistics and Datamining (MSc)
Artificial Intelligence (MSc & MPhil)*
Computing and Information Technology (MSc & MPhil)*
Data-Intensive Analysis (MSc & MPhil)
Human Computer Interaction (MSc & MPhil)*
Information Technology (MSc & MPhil)*
Mathematics (MSc)
Networks and Distributed Systems (MSc & MPhil)*
Software Engineering (MSc & MPhil)*
Statistics (MSc)*
Also available (with English Language) option – see page 65
Erasmus Mundus MSc (two years – full time)
Dependable Software Systems (Erasmus Mundus MSc)

Optional modules in Computer Science

You choose six optional modules from the list of options available each year. For example:

Advanced Topics in Computer Communication Systems
Artificial Intelligence Practice
Artificial Intelligence Principles
Critical Systems Engineering
Database Management Systems
Data-Intensive Systems
Green Information Technology
Human Computer Interaction Principles and Methods
Information Security Management
Information Technology Projects
Information Visualisation and Visual Analytics
Interactive Software and Hardware
Knowledge Discovery and Datamining
Language and Computation
Masters Programming Projects
Principles of Computer Communication Systems
Practice in Computer Communication Systems
Software Architecture
Software Engineering Practice
Software Engineering Principles
User-Centred Interaction Design
Web Technologies

Up to two from:

Computer Architecture
Computer Graphics
Computer Security
Concurrency and Multi-Core Architectures
Constraint Programming
Distributed Systems
Multimedia
Programming Language Design and Implementation
Video Games

Other options

Postgraduate Diploma (nine months – full time, also available part time over two years)
Applied Statistics and Datamining (PG Dip)

For full programme and module details, see:

www.st-andrews.ac.uk/coursecatalogue/pg

Module titles listed are illustrative and may be subject to change (see Curriculum development page 7).
Advanced Computer Science (MSc / MPhil)
Also available (with English Language) option – see page 65

- Aimed at those with a strong undergraduate background in Computer Science, providing an opportunity to follow your interests in studying the subject at an advanced, research-led level.
- Flexibility to choose from a wide range of modules in advanced topics including artificial intelligence, human computer interaction, networks and distributed systems, and software engineering. Students who develop a strong interest in one of these areas can easily change to the relevant specialist MSc during their studies, provided they complete appropriate modules. Similarly, those studying one of the specialist programmes who want more flexibility can change to this course.
- Undertake a significant project including a wide-ranging investigation and a substantial software development leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking.
- Develop communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with modern dual-screen PC workstations and group working facilities.
- Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete the MPhil in Advanced Computer Science.

Compulsory modules

Masters Core Skills
Object-Oriented Modelling, Design and Programming

Optional modules in Computer Science

You will choose six optional modules from the list of options available each year. See page 62.

Dissertation

Summer – 15,000-word Dissertation (MSc)

(Delivered by Computer Science – see page 100)
Mathematical and Computational Sciences
(continued)

Applied Statistics and Datamining (MSc / PG Dip)

- A commercially relevant programme of study providing you with the statistical data analysis skills needed for business, commerce and other applications.
- Aimed at individuals with a good degree containing quantitative elements, who wish to gain statistical data analysis skills relevant to business, commerce and other applications.
- Preparation for commercial data analysis.
- This programme has its content aligned with the requirements of partners in the commercial analysis sector.
- Dissertation topics are generated in part by our commercial partners.
- Teaching includes widespread commercial software packages e.g. SAS, SPSS, along with popular open-source tools e.g. R.
- Teaching consists of a mixture of short, intense courses with a large proportion of continuous assessment and more traditional lecture courses with end of semester exams.

Compulsory modules
Data Analysis
Advanced Data Analysis
Statistical Modelling
Applied Multivariate Analysis
Knowledge Discovery and Datamining

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.) You will choose two optional modules. See page 63 for the list of optional modules. Computing in Statistics is strongly recommended unless you have extensive R experience.

Dissertation
Summer – 15,000-word Dissertation

(Art Delivered by Mathematics & Statistics – see page 110)

Artificial Intelligence (MSc / MPhil)
Also available (with English Language) option – see page 65

- An advanced research-led course in the study of artificial intelligence, developing your skills in logic, constraint programming, language processing, machine learning and neural networks.
- A specialist course, retaining some flexibility, allowing you some scope to pursue other areas of computer science alongside the compulsory specialist modules. Students who want additional flexibility can switch to the MSc in Advanced Computer Science or MSc in Information Technology after the first semester.
- Undertake a significant project including a wide-ranging investigation and a substantial software development leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking.
- Develop communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with modern dual-screen PC workstations and group working facilities.
- Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete the MPhil in Artificial Intelligence.

Compulsory modules
Masters Core Skills
Object-Oriented Modelling, Design and Programming
Artificial Intelligence Principles
Artificial Intelligence Practice
And one or both of:
Language and Computation
Constraint Programming

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.) You will choose two optional modules. See page 63 for the list of optional modules. Computing in Statistics is strongly recommended unless you have extensive R experience.

Dissertation
Summer – 15,000-word Dissertation (MSc)

(Delivered by Computer Science – see page 100)
Computing and Information Technology (MSc / MPhil)

Also available (with English Language) option – see previous column

- Develops critical understanding of the issues associated with using computing systems and their impact on business processes and project management.
- Gives those without prior programming experience the opportunity to gain programming skills in a modern software development environment.
- A flexible course allowing you a great deal of freedom to pursue your own interests within the subject. Students who decide that they want even more flexibility can change to the more general MSc in Information Technology, in which programming modules are not required, after the first semester.
- The course introduces you to programming skills in a modern software development environment.
- Undertake a significant project including a wide-ranging investigation and a substantial software development leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking.
- Develop communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with modern dual-screen PC workstations and group working facilities.
- Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete the MPhil in Computing and Information Technology.

Compulsory modules

Masters Core Skills
Masters Programming Projects

And one of:

Object-Oriented Modelling, Design and Programming
Programming Principles and Practice

Optional modules

See page 62 for Optional modules in Computer Science.

Dissertation

Summer – 15,000-word Dissertation (MSc)

(Delivered by Computer Science – see page 100)

Computer Science degree options (with English Language) (MSc)

- This new programme provides an 18-month option for those who would like to start a Masters degree while continuing to consolidate their ability to use English effectively in academic contexts.
- If your English language level falls slightly short of the requisite scores for direct entry to a Masters in Computer Science, this programme offers an innovative way to start your degree with a structure that allows you to continue developing your knowledge of English.
- After the first taught semester, you will continue onto a suitable Masters degree in Computer Science depending on your performance on the initial Programming module. This also provides you with a high level of flexibility of study.
- Aimed at international students who use English as an additional language, you must have appropriate academic qualifications for entry onto a Computer Science Masters degree.
- A minimum of IELTS 6.0 or equivalent is required. The academic requirements will be determined by the School of Computer Science, in line with other MSc programmes in the School.

Programme Structure

The programme follows a three semester structure:

**Semester 1** – English Language modules 1 and 2. Computer Science module 3
**Semester 2** – English Language module 4. Computer Science modules 5, 6 and 7
**Semester 3** – Computer Science modules 7, 8, 9, 10 and 11

Compulsory modules

Depending on your background in programming:

Object-Oriented Modelling, Design and Programming + OR + Programming Principles and Practice

English for Academic Purposes
English for Computer Science 1
English for Computer Science 2

Optional modules

See page 62 for Optional modules in Computer Science.

Dissertation

Summer – 15,000-word Dissertation (Delivered by Computer Science – see page 100)

(Submitted to Computer Science (page 100) and English Language Teaching (page 12))
Mathematical and Computational Sciences (continued)

Data-Intensive Analysis (MSc / MPhil)

- An interdisciplinary course providing you with an understanding of how data is used to gain useful insights in all areas of scientific endeavour. The programme has a substantive statistical component – both theory and practice – allied to computational data science and visualisation.
- A specialist course involving modules delivered by the Schools of Computer Science and Mathematics & Statistics.
- The course develops practical skills in derivation, validation and deployment of predictive models based on collected data, and provides training in the use of industry – and research-standard technologies and techniques.
- Undertake a significant project including a wide-ranging investigation and a substantial software development leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking.
- Develop communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with modern dual-screen PC workstations and group working facilities.

Compulsory modules

Advanced Data Analysis
Computing in Statistics
Data Analysis
Knowledge Discovery & Datamining
Statistical Modelling

And two from:

Data-Intensive Systems
Information Visualisation and Visual Analytics
Masters Programming Projects
Object-Oriented Modelling, Design and Programming
Programming Principles and Practice

Dissertation

Summer – 15,000-word Dissertation (MSc)

(Delivered by Computer Science – see page 100 and Mathematics & Statistics – see page 110)

Dependable Software Systems (Erasmus Mundus MSc)

- A two year programme offered by St Andrews in conjunction with international universities. You will spend one year each at two of the institutions. You will gain the knowledge, skill and in-depth technical understanding of the key concepts required to design and build dependable software systems.
- You study at two of the three following internationally recognised universities in Computer Science: University of St Andrews, National University of Ireland Maynooth and Université de Lorraine Nancy in France. Programmes offered in collaboration with another institution are renewed annually.
- Undertake a significant project including a wide-ranging investigation and a substantial software development leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking. You will work with highly acclaimed research groups on your own research-based project.
- Gain the logical reasoning and problem-solving skills needed for a career in a software industry.
- Develop communication and teamwork skills through group work, presentations and written work.
- While at St Andrews, you will have 24-hour access to excellent modern laboratories, provisioned with modern dual-screen PC workstations and group working facilities.

Compulsory modules

Object-Oriented Modelling, Design and Programming

Choose one or two of:

Advanced Networks
Artificial Intelligence Principles
Software Engineering Principles

Optional modules

See page 62 for Optional modules in Computer Science.

Dissertation

Project work is a major aspect of this Masters programme, accounting for 33% of the total degree marks. You complete a project at each of the two different universities. A dissertation is submitted for examination at the end of each project.

At St Andrews, the dissertation typically comprises a review of related work; the extension of existing or the development of new ideas; software implementation and testing; analysis and evaluation. You are required to give an assessed presentation of your work in addition to the written dissertation.

(Delivered by Computer Science – see page 100 and other institutions)
Module titles listed are illustrative and may be subject to change (see Curriculum development page 7).

Human Computer Interaction (MSc / MPhil)
Also available (with English Language) option – see page 65

- Provides you with the tools, knowledge and skills to work in the areas of user experience, usability, information visualisation, human factors in computing systems, and human computer interaction research.
- A specialist course, retaining some flexibility, allowing you scope to pursue other areas of computer science alongside the core specialist modules. Students who want additional flexibility can switch to the MSc in Advanced Computer Science or MSc in Information Technology after the first semester.
- Develop practical skills in the process and practice of prototyping and implementation of interactive computing systems.
- Undertake a significant project including a wide-ranging investigation and a substantial software development leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking.
- Develop communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with dual-screen PC workstations and group working facilities.
- The School has a dedicated HCI laboratory with specialist equipment including an 84 inch Microsoft Hub, a 3D printer, Google Soli sensors, a diverse range of eye tracking equipment, and motion capture equipment.
- Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete the MPhil in Human Computer Interaction.

Compulsory modules
Human Computer Interaction Principles and Methods
Interactive Software and Hardware

And one or both of:
Information Visualisation and Visual Analytics
User-Centred Interaction Design

Masters Core Skills
Object-Oriented Modelling, Design and Programming

Information Technology (MSc / MPhil)
Also available (with English Language) option – see page 65

- Develops critical understanding of the issues associated with using information technology systems and their impact on business processes and project management.
- Our most flexible MSc course which offers you a wide choice of modules covering many aspects of information technology, including key business practices. It complements our more specialised MSc in Computing and Information Technology programme.
- Undertake a significant project including a wide-ranging investigation and a substantial software development leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking.
- Develop communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with modern dual-screen PC workstations and group working facilities.
- Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete the MPhil in Information Technology.

Compulsory module
Masters Core Skills

Optional modules
See page 62 for Optional modules in Computer Science.

Dissertation
Summer – 15,000-word Dissertation (MSc)
(Delivered by Computer Science – see page 100)
Mathematical and Computational Sciences (continued)

Mathematics (MSc)

- Prepares those with a strong background in pure mathematics, applied mathematics or a closely related subject for further postgraduate studies or a future career in the private sector.
- This programme permits a wide range of advanced module choices across the School of Mathematics & Statistics.
- There are two semesters of taught courses, followed by a dissertation over the summer months.
- Most modules are traditional semester-long lecture courses with end of semester exams, but some modules have a large element of continuous assessment.
- You will have the possibility of enrolling into an Independent Study Module in either semester or into the Professional Skills for Mathematical Scientists module for the whole academic year. In both modules you self-study an advanced topic under the guidance of a member of staff. Both modules are assessed by continuous assessment.

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Advanced Analytical Techniques
Advanced Bayesian Inference
Advanced Combinatorics
Advanced Computational Techniques
Advanced Data Analysis
Advanced Financial Mathematics
Advanced Fluid Dynamics
Advanced Solar Theory
Advanced Symbolic Computation
Applied Multivariate Analysis
Data Analysis
Estimating Animal Abundance
Independent Study Module
Knowledge Discovery and Datamining
Measure and Ergodic Theory
Professional Skills for Mathematical Scientists
Statistical Modelling
Topics in Geometry and Analysis
Topics in Groups

Dissertation

Summer – 15,000-word Dissertation

(Delivered by Mathematics & Statistics – see page 110)

Networks and Distributed Systems (MSc / MPhil)

Also available (with English Language) option – see page 65

- An advanced research-led course that equips you with a thorough understanding of the technologies, protocols and systems that enable these devices to communicate in widely diverse and heterogeneous contexts.
- Undertake a significant project including a wide-ranging investigation and a substantial software development leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking.
- Develop communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with dual-screen PC workstations and group working facilities.
- The School has a dedicated HCI laboratory with specialist equipment including an 84 inch Microsoft Hub, a 3D printer, Google Soli sensors, a diverse range of eye tracking equipment, and motion capture equipment.
- Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete the MPhil in Networks and Distributed Systems.

Compulsory modules

Advanced Networks
Masters Core Skills
Object-Oriented Modelling, Design and Programming

And one or both of:

Distributed Systems
Mobile and Wireless Networks

Optional modules

See page 62 for Optional modules in Computer Science.

Dissertation

Summer – 15,000-word Dissertation (MSc)

(Delivered by Computer Science – see page 100)
Software Engineering (MSc / MPhil)  
Also available (with English Language) option – see page 65

- An advanced research-led course in the study of software engineering, developing your knowledge and skills in software reuse, agile development, software architecture and critical systems engineering.
- A specialist course, retaining some flexibility, allowing you some scope to pursue other areas of Computer Science alongside the core specialist modules. Students who want additional flexibility can switch to the MSc in Advanced Computer Science or MSc in Information Technology after the first semester.
- Undertake a significant project including a wide-ranging investigation and a substantial software development leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking.
- Develop communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with dual-screen PC workstations and group working facilities.
- Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete the MPhil in Software Engineering.

Compulsory modules

Masters Core Skills  
Object-Oriented Modelling, Design and Programming  
Software Engineering Practice  
Software Engineering Principles  
And one or both of:  
Critical Systems Engineering  
Software Architecture

Optional modules

See page 62 for Optional modules in Computer Science.

Dissertation

Summer – 15,000-word Dissertation (MSc)

(Delivered by Computer Science – see page 100)

Statistics (MSc)

- Prepares those with a strong quantitative background for further postgraduate studies or a future career in the private sector.
- Aimed at individuals who have a strong quantitative background and possess (or are about to obtain) a good degree that contains a significant statistical element, with the intention of developing these skills to a higher level.
- The programme provides a wide range of advanced module choices across the School of Mathematics & Statistics.
- You are prepared to pursue research in statistics or to enter the commercial analysis market with a broader skill set.

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Advanced Analytical Techniques  
Advanced Bayesian Inference  
Advanced Combinatorics  
Advanced Computational Techniques  
Advanced Data Analysis  
Advanced Financial Mathematics  
Advanced Fluid Dynamics  
Applied Multivariate Analysis  
Advanced Solar Theory  
Advanced Symbolic Computation  
Data Analysis  
Estimating Animal Abundance  
Independent Study Module  
Knowledge Discovery and Datamining  
Measure and Ergodic Theory  
Professional Skills for Mathematical Scientists  
Statistical Modelling  
Topics in Geometry and Analysis  
Topics in Groups

Dissertation

Summer – 15,000-word Dissertation

(Delivered by Mathematics & Statistics – see page 110)
Museum Studies

(See also Art History programmes on page 41)

St Andrews is Scotland’s leading centre for postgraduate research and training in the heritage sector, and hosts the Museums, Galleries and Collections Institute (MGCI). The Postgraduate Diploma/MLitt in Museum and Gallery Studies is Scotland’s longest established museum studies programme and combines a theoretical foundation with hands-on, practical and transferable experience. Its main focus on curatorial work is supported by the extensive University Museum Collections, and the Museum of the University of St Andrews (MUSA).

Degree options

MLitt (one year – full time)
MPhil (two years – full time)
Museum and Gallery Studies (MLitt)
National Trust for Scotland Studies (MPhil)

Other options

Postgraduate Diploma (nine months – full time)
Museum and Gallery Studies (PG Dip)

Museum and Gallery Studies (MLitt / PG Dip)

- Comprehensive training in all types of museum and heritage work (curatorial, outreach and managerial). The taught course is complemented by practical work: individual projects are hosted by a wide variety of heritage organisations, and a team project provides the opportunity to curate an exhibition, working with professionals in local museums.
- Aimed at those wanting to start a career in museum or gallery work, or for those looking for a mid-career change. We welcome those with a degree in a variety of disciplines (Archaeology, Art History, Fine Arts, History, Social Anthropology, or one of the sciences). Some previous museum experience (usually gained as a volunteer) is desirable.
- Prepares you for employment in museums. The training is broad, covering all types of museums, galleries and other heritage facilities. The main focus of the training is curatorial work, but curators also need a proper understanding of the work of all their colleagues. Hence, the principles of conservation, museum education, exhibition planning and design, and management are also included.
- The extensive University Museum Collections at St Andrews are particularly suitable for curatorial training and give the programme a unique character. The Collections include over 100,000 museum items in a wide range of subject areas, from art to zoology, and these collections and the staff who look after them are actively involved in the Museum and Gallery Studies teaching programme.
- Most of the teaching takes place in MUSA. The museum includes four display galleries on the ground floor, and on the first floor is a ‘Learning Loft’ for education, and a Viewing Terrace. Other facilities include extensive library holdings in museum studies, access to computers, and a dedicated work and study area with computers and other appropriate equipment.

- St Andrews museum training benefits enormously from the willing participation of the Scottish museum profession. Museums Galleries Scotland and its member museums of all shapes and sizes generously provide visiting lecturers and host class visits and individual student placements. In return, St Andrews has developed several initiatives to extend its training beyond the University and into the museum community.
- A part-time version of the Postgraduate Diploma and MLitt, taught through residential schools and work-based projects, is aimed in particular at people already working in museums. Participants are welcomed from Scotland, the rest of the UK and EU.
- The Museum and Gallery Studies teaching staff are experienced museum curators who continue to be involved directly in museum work.
- Class sizes are small, Seminars: 18 - 24 students; Exhibition teams: 6 - 9 students.

Compulsory modules

Theory and Practice of Museums, Art Galleries and Related Organisations, Part 1
Theory and Practice of Museums, Art Galleries and Related Organisations, Part 2
Project Work

Dissertation

Summer – 15,000-word Dissertation (MLitt)

(Delivered by Art History – see page 96)

National Trust for Scotland Studies (MPhil)

This programme comprises 120 credits from the taught element in Museum and Gallery Studies plus a thesis of not more than 40,000 words based on research undertaken in close conjunction with the National Trust for Scotland.

(Delivered by Art History – see page 96)
Philosophy

The St Andrews and Stirling Graduate Programme in Philosophy (SASP) is taught by the Philosophy departments in the Universities of St Andrews and Stirling. The philosophy postgraduate programmes of St Andrews and Stirling are fully merged for all postgraduate degrees.

The majority of teaching takes place in St Andrews, except for the core modules in Semester 1, which are taught in Stirling. St Andrews and Stirling together form Scotland’s premier centre for philosophy and one of the top philosophy schools in the United Kingdom. The philosophical ambience is intense, friendly and co-operative. Staff teaching in the SASP Programme work in a broad spectrum of disciplines, from logic and metaphysics to moral philosophy and beyond.

SASP was ranked the third best philosophy programme in the UK in the latest Philosophical Gourmet Report.

Degree options

MLitt (one year – full time)
MPhil (two years – full time)
Epistemology, Mind and Language (MLitt & MPhil)
History of Philosophy – see page 46
Logic and Metaphysics (MLitt & MPhil)
Moral, Political and Legal Philosophy (MLitt & MPhil)
Philosophy (MLitt & MPhil)

All MLitts can also be taken part time.

Other options

Graduate Diploma (Conversion)
(nine months – full time, also available part time over two years)

Philosophy

For all Masters degrees there are exit awards available that allow suitably-qualified candidates to receive a Postgraduate Certificate or Postgraduate Diploma.

For full programme and module details, see: www.st-andrews.ac.uk/coursecatalogue/pg

Epistemology, Mind and Language (MLitt / MPhil)

- Investigate topics including normativity, intentionality, representation, consciousness, rules, thought, and reason and rationality.
- Aimed at those with at first degree in Philosophy. If you do not have an undergraduate degree in Philosophy, you may be interested in the Graduate Diploma – Conversion.
- A range of modules are available with a specific focus on epistemology, the philosophy of mind and the philosophy of language.
- The Arché research centre regularly discusses topics of interest to students on the MLitt in Epistemology, Mind and Language.
- Philosophy at St Andrews was ranked top in Scotland and fifth in the UK in the UK Research Excellence Framework 2014.
- You will have the opportunity to go on an annual reading party in the Scottish Highlands along with research postgraduates and staff.

Compulsory modules

Current Issues in Philosophy 1
Current Issues in Philosophy 2
Research Methods

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Sample optional modules:
Action and Intention
Advanced Epistemology
Origins and History of Analytic Philosophy
Philosophy of Mind
Philosophy of Logic

Dissertation

15,000-word Dissertation (MLitt)

(Delivered by Philosophy – see page 113)
Philosophy (continued)

**Logic and Metaphysics (MLitt / MPhil)**
- A specialist education in various topics within both logic and metaphysics. You are encouraged to find connections between these specialisms and are provided with the understanding and tools required for future research.
- Aimed at those with at first degree in Philosophy. If you do not have an undergraduate degree in Philosophy, you may be interested in the Graduate Diploma – Conversion (see page opposite).
- There are a number of optional modules with a focus on metaphysics or logic to choose from.
- You will have the opportunity to go on an annual reading party in the Scottish Highlands along with research postgraduates and staff.
- Optional modules in moral philosophy, political philosophy and legal philosophy are available to students on the MLitt.

**Compulsory modules**
- Current Issues in Philosophy 1
- Current Issues in Philosophy 2
- Research Methods

**Optional modules**
Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)
Sample optional modules:
- Origins and History of Analytic Philosophy
- Philosophy of Logic
- Texts in Contemporary Metaphysics

**Dissertation**
15,000-word Dissertation (MLitt)
*(Delivered by Philosophy – see page 113)*

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**Moral, Political and Legal Philosophy (MLitt / MPhil)**
- A firm foundation for those wishing to specialise in ethics, and specifically in contemporary ethics, including moral philosophy, political philosophy and legal philosophy.
- Aimed at those with at first degree in Philosophy. If you do not have an undergraduate degree in Philosophy, you may be interested in the Graduate Diploma – Conversion (see page opposite).
- Optional modules in moral philosophy, political philosophy and legal philosophy are available to students on the MLitt.
- Supervisors at both St Andrews and Stirling are available to oversee the MLitt dissertation.
- You will have the opportunity to go on an annual reading party in the Scottish Highlands along with research postgraduates and staff.

**Compulsory modules**
- Current Issues in Philosophy 1
- Current Issues in Philosophy 2
- Research Methods

**Optional modules**
Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)
Sample optional modules:
- Aesthetics
- Classical Philosophy
- Kant
- Philosophy of Law
- Political Philosophy
- Topics in Recent Moral Theory

**Dissertation**
15,000-word Dissertation (MLitt)
*(Delivered by Philosophy – see page 113)*

Module titles listed are illustrative and may be subject to change (see Curriculum development page 7).
Philosophy (MLitt / MPhil)

• Study a wide range of topics within the discipline, in order to broaden your understanding and investigate different research topics.
• Aimed at those with at first degree in Philosophy. If you do not have an undergraduate degree in Philosophy, you may be interested in the Graduate Diploma – Conversion.
• Choose any of the optional modules offered by the Department, allowing you to choose any combination of philosophical topics.
• Taking a range of modules allows for maximum flexibility when choosing a dissertation topic.
• You will have the opportunity to go on an annual reading party in the Scottish Highlands along with research postgraduates and staff.

Compulsory modules

Current Issues in Philosophy 1
Current Issues in Philosophy 2
Research Methods

Optional modules

At least one of a group of modules that includes:

Classical Philosophy
Kant
Origins and History of Analytic Philosophy

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Further optional modules chosen from those offered in that session. Sample optional modules:

Action and Intention
Advanced Epistemology
Advanced Logic B: Classical Metatheory
Aesthetics
Formal Approaches to Natural Languages
Intuitions and Philosophical Methodology
Justice: Ancient & Modern

Mediaeval Philosophy
Origins and History of Analytic Philosophy
Philosophy of Law
Philosophy of Logic
Political Philosophy
Texts in Contemporary Metaphysics
Topics in Recent Moral Theory

Dissertation

15,000-word Dissertation (MLitt)

Philosophy (Graduate Diploma – Conversion)

• For those who wish to pursue the study of philosophy at postgraduate level but have studied little or no philosophy in their undergraduate degree. It builds a firm foundation for those looking to undertake research in philosophy.
• Students who pass the Graduate Diploma at a satisfactory level can go on to join the MLitt Philosophy programme.
• You will have full access to the postgraduate Philosophy community, including reading parties, seminars and workshops.

Compulsory module

Reading Philosophy 1: Texts in Language, Logic, Mind, Epistemology, Metaphysics, and Science * OR *
Reading Philosophy 2: Texts in Ethics, Metaethics, Religion, Aesthetics, and Political Philosophy

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Sample optional modules:

Advanced Logic
Animals, Minds and Language
Classical Philosophy
Contemporary Epistemology
Contemporary Moral Theory
Contemporary Philosophy of Language
Mediaeval Philosophy
Philosophy and Literature
Philosophy of Perception
Philosophy of Religion
Political Philosophy in the Age of Revolutions

Students on the Diploma may also take any module offered from the Philosophy Department. Some of the modules available can be found in the undergraduate module catalogue: www.st-andrews.ac.uk/coursecatalogue/ug

If you wish to gain an understanding of logic, there is also an optional weekly seminar, Basic Logic, throughout the year. This is a non-credit course for postgraduate students.

(Delivered by Philosophy – see page 113)
Political and Legal Sciences

All of the programmes in the area of political and legal studies include modules taught by staff from the School of International Relations. It is the only one of its kind in Scotland and one of the few that exist in the UK. Specialist programmes in International Relations allow you to explore issues such as the origins of war and peace, foreign policy making, international trade, international terrorism, human rights, international organisations, international law, and the interaction of political and economic development. Staff from the School of International Relations also contribute to the MLitt Legal and Constitutional Studies, together with staff from the School of History and beyond.

Interdisciplinary programmes offer you the opportunity to study different topics in legal and constitutional history, or to understand core themes in strategic studies. Staff teaching on the programmes work in a range of research areas, including international security; international theory; legal history; peace and conflict; regional studies – Middle East, Central Asia and Southern Africa; and terrorism studies.

Masters Degree options

MLitt (one year – full time)

MPhil (two years – full time)

International Political Theory (MLitt & MPhil)

International Security Studies (MLitt & MPhil)

Legal and Constitutional Studies (MLitt)

Middle East, Caucasus and Central Asian Security Studies (MLitt & MPhil)

Moral, Political and Legal Philosophy – see page 71

Peace and Conflict Studies (MLitt & MPhil)

Strategic Studies (MLitt)

Terrorism and Political Violence (MLitt)

Terrorism and Political Violence (Distance learning) (MLitt)

Other options

Postgraduate Certificate (six months – full time, also available part time over one year)

Postgraduate Diploma (nine months – full time, also available part time over eighteen months)

Legal and Constitutional Studies (PG Dip)

Terrorism Studies (PG Cert / PG Dip)

For full programme and module details, see: www.st-andrews.ac.uk/coursecatalogue/pg

International Political Theory (MLitt / MPhil)

- Develops your understanding of how the dynamic and exciting field of international political theory can be brought to bear on international politics or world affairs.
- We offer a uniquely deep focus on both the history of political thought and contemporary political theory. Located at the intersection of political theory and international relations, this programme will equip you with the theoretical tools and research skills necessary for an in-depth understanding of many of the central thinkers, theories and debates within international political theory.

Compulsory modules

Analysis and Interpretation in International Political Theory

Texts in International Political Theory

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Global Constitutionalism

Politics after “The Death of God”: Evil and Tragedy in Modern Politics

Reason of State

Topics in International Political Thought

You may, with permission, take modules from other MLitt programmes in the School or, in special circumstances, from Philosophy or Classics.

Dissertation

Summer – 15,000-word Dissertation (MLitt)

(Delivered by International Relations – see page 108)
Political and Legal Sciences

International Security Studies (MLitt / MPhil)

- Develop more specialised knowledge from the detailed study of particular topics in international security, ranging from specialisations in particular geographical regions to vital contemporary issues such as terrorism, art and war, political economy, gender and securitization.
- Aimed at highly motivated students with a 3.5 GPA or upper-2.1 degree with a strong interest in analytical and critical participation with course material. A demonstrable background in the study of politics and preferably international relations.
- Provides you with a solid foundation in theoretical perspectives on and policy approaches to international security.
- You take two compulsory modules, International Security Studies and Critical Security Studies, which will ground you in both long-standing and contemporary approaches to security issues.
- You will have a choice of modules in the second semester that will allow you to explore various regional and thematic security topics.
- You will develop the skills required for government service in a number of capacities including military, defence, intelligence, diplomacy, and development, in international or regional organisations, and NGOs.

Compulsory modules

International Security
Critical Security Studies

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Art and Violence
Emergent Great Powers
Foreign Policy Analysis
Gender and Terrorism
International Politics of Nuclear Weapons
Political Economy of Conflict
Religion and International Politics

Strategic Studies
Terrorism and Liberal Democracy
The Evolution of United Nations Peacekeeping
The Traditional Security Agenda in the Twenty-First Century

You may, with permission, take modules from other MLitt programmes in the School.

Dissertation

Summer – 15,000-word Dissertation (MLitt)

(L Delivered by International Relations – see page 108)

Legal and Constitutional Studies (MLitt / PG Dip)

- An interdisciplinary programme in which you can construct an individually tailored degree with a primary focus in legal history, or in global/international law, or you can pursue an integrated, interdisciplinary, degree.
- The flexible nature of the programme makes it suitable both for those wishing to go on to doctoral research and for those wishing only to take a year’s specialist study.
- Innovative integration of the legal and the constitutional, the contemporary and the historical.
- Opportunity to work on an individual and small-group basis with internationally leading scholars in the fields of legal, constitutional and historical research.
- Fosters analytical expertise and the development of independent research skills.
- Participation in a very large and lively community of postgraduate students of History and of International Relations.
- The Institute of Legal and Constitutional Research at St Andrews hosts a number of reading groups, seminars and lectures, including visiting speakers and cross-discipline presentations, on legal and constitutional research and ideas.
- Legal and Constitutional Studies is designed to prepare you for work beyond the MLitt: doctoral research within the field; study for a law degree; and employment in areas more broadly related to law, legal history, global constitutionalism and international relations.

Compulsory modules

Approaches to Legal History * OR * Approaches to International Law
Comparative Studies in Legal and Constitutional Research
Comparative Studies in Legal History * OR * Global Constitutionalism
Special Topic in Legal and Constitutional History 2 (tailored individual course of study)
The Idea of Law

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Latin for Mediaeval Studies
Sources and Source Criticism
Special Topic in Legal and Constitutional History 1

Dissertation

Summer – 15,000-word Dissertation

(Delivered by History (page 107) and International Relations (page 108))

Module titles listed are illustrative and may be subject to change (see Curriculum development page 7).
Peace and Conflict Studies (MLitt / MPhil)

- Explore the foundations of peace and conflict theory, as well as the broader challenges that arise in areas of peace building, peace processes, reconciliation and post-conflict reconstruction.
- This programme ranges widely to encourage you to reflect on the nature of both war and peace. You will engage with the (sometimes very divergent) intellectual approaches used to understand them. Key questions considered include: Why do wars begin? Why do wars end? What can be done to prevent their recurrence?
- Particular emphasis will be placed upon understanding the specific foundations of peace and conflict theory, as well as the broader challenges that arise in areas of peace building, peace processes, reconciliation and post-conflict reconstruction.
- You will develop the skills required to analyse the roots, dynamics, key actors and issue-areas in specific conflicts and to evaluate specific responses to conflicts.
- You will be encouraged to explore the relationship between theoretical frameworks and specific conflicts which will vary depending upon the module selected.

Compulsory modules

Issues in Peace and Conflict  
Theories of Peace and Conflict

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Choose two from the range available, for example:

- Conflict and Peace in Post-Communist Eurasia
- Conflict, Security and Democracy in the Greater Caucasus
- Global and Transnational Islam
- International Relations of the Modern Middle East
- Iran and the World since 1921
- Political Order and Violence in the Middle East
- Social Movements and Ideologies in the Middle East
- The Arab-Israeli Conflict, Past and Present

Dissertation

Summer – 15,000-word Dissertation (MLitt)

(Delivered by International Relations – see page 108)
Strategic Studies (MLitt)

• Addresses core themes in strategic studies. This programme is firmly grounded in an historical approach to the subject, with a view to both military history and strategic theory as a subfield of intellectual history and political theory.
• Aimed at those who hold an undergraduate degree in History, Politics, Philosophy, Law, and related disciplines; or practitioners from military and foreign policy backgrounds.
• It will enable you to apply knowledge of strategy-making and strategic thinking as a historical practice to armed conflict in the contemporary world.
• The wide-ranging choice of optional modules enables you to tailor the programme’s taught elements to your individual requirements and interests.
• Graduates from this programme go on to work in various professional fields including law, policy research and consultancy, NGOs, charities, armed forces, international organisations, civil service and publishing.

Compulsory modules
Modern War and Strategy
Strategic Thought

Optional modules
Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Choose two from the range available, for example:
Conflict and Peace in Post-Communist Eurasia
Conflicts, Security and Democracy in the Greater Caucasus
Foreign Policy Analysis
Gender and Terrorism
Identity and Collective Violence
Ideologies and Social Movements in the Middle East
Political Economy of Conflict
Political Order and Violence in the Middle East
Political Philosophy and World Order
Reason of State: Origin, Nature and Career of a Concept
Religion and International Politics
Security and Conflict in Africa
Social Movements, Revolutions and Authoritarianism in North Africa
Strategic Studies
Terrorism and Liberal Democracy
The Evolution of United Nations Peacekeeping
Topics in International Political Thought: Hannah Arendt

Dissertation
Summer – 15,000-word Dissertation

Terrorism and Political Violence (MLitt)

• Seeks to develop in students a critical understanding of the concept of terrorism and political violence within the context of a multidisciplinary approach to security studies.
• Aimed at individuals with either an interest or experience in the field of counterterrorism, risk, insurance and government.
• Offers multidisciplinary perspectives on terrorism and political violence.
• Provides significant research methods training.
• Introduces you to critical assessments of terrorist incidents and behaviour.
• Examines selected approaches to knowledge generation around terrorism and counterterrorism and considers the development of new responses to terrorism and political violence.
• Available full time residential or by distance learning.
• Offers the benefits of traditional teaching (lectures and tutorials) combined with online course materials (including teaching material in tablet format). This includes e-books, online unit and course notes, links to recommended readings, embedded readings, chat and video forums and asynchronous forums.
• Graduates go on to work in various professional fields including law, policy research and consultancy, NGOs, charities, international organisations, civil service and publishing.

Compulsory modules
Fundamental Issues and Structures of Terrorism
Research Methods

Optional modules
Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Choose two from the following:
Fundamentals of Terrorist Violence
Gender and Terrorism
Terrorism after 1945
Terrorism and Liberal Democracy
Terrorism and Theories of Collective Action

Dissertation
15,000-word Dissertation

(Delivered by International Relations – see page 108 and The Handa Centre for the Study of Terrorism and Political Violence – www.st-andrews.ac.uk/~cstpv )

Module titles listed are illustrative and may be subject to change (see Curriculum development page 7).
Political and Legal Sciences (continued)

Terrorism and Political Violence (MLitt / PG Dip) Distance Learning

- A part-time online course that seeks to develop in students a critical understanding of the concept of terrorism and political violence within the context of a multidisciplinary approach to security studies.
- Individuals with a background in the field should apply. Those with no formal higher qualification but with relevant background can also apply via Route 3. For further information, please see: www.st-andrews.ac.uk/study/pg/taught-programmes/terrorism-distance
- Offers multidisciplinary perspectives on terrorism and political violence.
- Provides significant research methods training.
- Introduces you to critical assessments of terrorist incidents and behaviour.
- Examines selected approaches to knowledge generation around terrorism and counterterrorism and considers the development of new responses to terrorism and political violence.
- Offers the benefits of traditional teaching (lectures and tutorials) combined with online course materials (including teaching material in tablet format). This includes e-books, online unit and course notes, links to recommended readings, embedded readings, chat and video forums and asynchronous forums.
- Graduates go on to work in various professional fields including law, policy research and consultancy, NGOs, charities, international organisations, civil service and publishing.

Compulsory modules

Fundamental Issues and Structures of Terrorism
Research Methods
Terrorism: How to Respond
Distance Learning Electives

Dissertation

15,000-word Dissertation (MLitt)

(Delivered by International Relations – see page 108 and The Handa Centre for the Study of Terrorism and Political Violence – www.st-andrews.ac.uk/~cstpv )
Sciences

The postgraduate programmes in the sciences are delivered by the School of Biology, School of Chemistry, Department of Earth & Environmental Sciences, School of Physics & Astronomy, and School of Psychology & Neuroscience.

Most programmes are specialised, allowing you to expand your knowledge of a specific field within your discipline. These include Astrophysics, Evolutionary Psychology, Geochemistry, Management of Marine Systems, Marine Mammal Science, Neuroscience, and Photonics.

Programmes with a broader approach are available in Chemical Science and Psychology. In most programmes you have the opportunity to develop research skills through laboratory and/or field work, preparing you not only for graduate jobs but also for PhD-level research.

### Masters Degree options

- **MSc** (one year – full time)
- **MRes** (one year – full time)
- **MPhil** (two years – full time)

### Astrophysics (MSc)

- Allows you to gain experience in the core areas of astrophysics and to develop the necessary research skills to carry out astrophysical research.
- You will be trained and encouraged to use the University Observatory and the James Gregory Telescope, the largest working optical telescope in the UK.
- The programme prepares you to undertake astrophysical research at PhD level.
- Modules provide transferable skills which enhance employability in and out of academia.

#### Compulsory module

**Research Skills in Astrophysics**

#### Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- **Advanced Data Analysis**
- **Astrophysical Fluid Dynamics**
- **Contemporary Astrophysics**
- **Extragalactic Astronomy**
- **General Relativity**
- **Gravitational Dynamics and Accretion Physics**
- **Magnetofluids and Space Plasmas**
- **Monte Carlo Radiation Transport Techniques**
- **Observational Techniques in Astrophysics**
- **Stellar Physics**
- **The Physics of Nebulae and Stars I**

#### Dissertations

- **Summer – 15,000-word Dissertation**
  
  *(Delivered by Physics & Astronomy – see page 114)*
Chemical Science (MSc)

- Provides you with advanced knowledge and skills in modern chemical sciences and encourages you to explore research-led topics through a wide range of modules.
- Designed for those students and professionals who have a degree in Chemistry or an allied subject.
- The aims of the programme include introducing modern chemical science concepts and techniques, exploring further advanced research-led topics through a range of optional modules and to equip you with analytical, critical, and communication skills.
- A key aspect of the programme is undertaking a significant research project for your dissertation. This enables you to develop skills in one of many areas aligned with the research interests of the School of Chemistry, for example catalysis, surface science, energy materials, chemical biology, synthetic chemistry or structural chemistry.

Compulsory modules

- Contemporary Research Awareness
- Literature Review for MSc
- Research Skills

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Choose eight from the following:

- Advanced Ligand Design
- Advanced Metal Chemistry
- Advanced Physical Inorganic Chemistry
- Advanced Spectroscopic Methods
- Asymmetric Synthesis
- Blockbuster Solids
- Chemical Applications of Electronic Structure Calculations
- Chemical Biology
- Energy Conversion and Storage
- Heterocyclic and Pericyclic Chemistry
- Homogeneous Catalysis
- Integrating Chemistry
- Molecular Recognition
- Nanostructured Materials
- Natural Products, Biosynthesis and Enzyme Cofactors
- Organic Chemistry Laboratory
- Physical Chemistry Laboratory
- Processing of Materials
- Reactive Intermediates
- Surface Science and Heterogeneous Catalysis

Dissertation

Summer – 15,000-word Dissertation

Computational Chemistry and Modelling (PG Cert – Distance Learning)

- The Postgraduate Certificate is a flexible online distance-learning programme which provides you a broad knowledge and understanding of modern computational chemistry alongside practical software training.
- Online distance-learning programmes enable you to balance postgraduate study with your work and personal life, without the need to visit a university campus.
- Personal tutors are available to provide advice and support.
- You will have access to a Linux computing cluster, located in Edinburgh, to carry out the practical assessment tasks.

Compulsory modules

- Electronic Structure Theory and Classical Simulation Methods
- Computational Modelling of Materials
- Computer-aided Drug Design

(Distance learning – delivered by Chemistry – see page 98 and the University of Edinburgh)
### Ecosystem-Based Management of Marine Systems (MSc)

- Marine environments are treated as integrated systems, exploring the interconnections between the physical environment, biodiversity and the impact of human activity and resource use. This holistic approach achieves a superior understanding of ecosystem goods-and-services and how to protect and manage marine systems.
- Jointly organised and delivered by two internationally renowned organisations: the Scottish Oceans Institute (SOI) at the University and the Scottish Association for Marine Science (SAMS), UHI on the west coast of Scotland, near Oban. Programmes offered in collaboration with another institution are renewed annually.
- Laboratory and practical fieldwork in the UK including the use of the SAMS research vessel MV Calanus.
- You learn to use models and protocols to assess ecosystem health and the socioeconomic status of marine systems.
- The first semester taught component of the programme is delivered at SOI, with the second semester delivered at SAMS (with options of a polar field course in Antarctica or a tropical scientific diving course in Indonesia – these have additional costs attached).

#### Compulsory modules
- Ecosystem-based Management of Marine Systems
- GIS for Environmental Management
- Marine Systems Research Methods
- Statistical Modelling of Biological Data

#### Optional modules
- Advanced Modelling
- Marine Management, Policy and Planning
- Predator Ecology in Polar Regions – field course in Antarctica (requires payment of expedition fee) + OR + Scientific diving in Indonesia (requires suitable diving qualifications and payment of expedition fee)

#### Research project

Whole year project but the main focus is from May to August, leading to the submission of a dissertation. Assessment for this part of the course contributes one third of the total mark for the MSc. The topic and plan for the project is developed in collaboration with one or more academic supervisors at SAMS or St Andrews.

(Delivered by Biology – see page 97 and SAMS)

### Evolutionary and Comparative Psychology: The Origins of Mind (MSc)

- Advanced research training in a range of intellectual and practical skills associated with evolutionary and comparative approaches to the study of the mind.
- Aimed at highly capable students wishing to pursue a research career in evolutionary psychology or related field.
- Gain a detailed knowledge of the evolutionary and comparative literature and principal theoretical and methodological issues in this field.
- Gain the statistical and methodological skills necessary to undertake research in evolutionary psychology.
- This distinctive programme tackles fundamental issues associated with the origins of human cognition via a wide range of theoretical and methodological approaches.

#### Compulsory modules
- Empirical Approaches to the Evolution of Communication
- Principal Approaches to the Origins of Mind
- The Origins of Human Cognition
- Methods of Data Analysis in Psychology

#### Optional modules
- Evolution and Development of Social and Technical Intelligence
- Generic Research and Professional Skills in Psychology
- Methodologies for Psychology and Neuroscience
- Origins and Evolution of Mind Reading
- Review – Approaches to the Study of Mind

#### Dissertation

You will undertake a significant piece of independent research as part of your final assessment. You will have the potential opportunity to work at:
- Living Links Centre and Budongo Trail in Edinburgh Zoo
- Wolfgang Köhler Primate Research Center in Leipzig
- Budongo Conservation Field Station in Uganda (pictured)
- Tai Monkey Project in Ivory Coast
- Inkawu Vervet Project in South Africa.

Dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by a date specified in August.

(Continued...
Geochemistry (MSc)

- Develops knowledge and skills training in geochemistry and modern geochemical methods, involving field work, extensive hands-on laboratory training and experience with state-of-the-art equipment.
- Provides preparation for pursuing a PhD, through a lab-based research dissertation, or direct employment in industry through the incorporation of applied economic and environmental geochemistry modules.
- A wide range of expertise in the field of geochemistry, underpinned by new state-of-the-art laboratory facilities.
- A dynamic and research-intensive atmosphere is encouraged and is supportive of all students.
- A focus on hands-on laboratory and field training throughout the course.

Compulsory modules

- Advanced Geochemistry
- Analytical Sciences
- Earth's Greatest Hits
- Geochemistry
- Geochemistry Field Excursion
- Isotope Geochemistry: Theory, Techniques and Applications
- Physical Chemistry Laboratory

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- Advanced Petrogenesis
- Advanced Physical Inorganic Chemistry
- Biogeochemistry
- Blockbuster Solids
- Energy Conversion and Storage
- Homogeneous Catalysis
- Metallurgy
- Processing of Materials
- Water in the Environment

Research Project

- Summer – Literature review, Proposal writing, Oral presentation and Dissertation

(Delivered by Earth & Environmental Sciences (page 102) and Chemistry (page 98))

Marine Mammal Science (MSc)

- Prepares you for a professional career in the research and conservation of marine mammals. It is the only research-oriented Masters degree in this popular subject worldwide.
- First and foremost, a programme in quantitative marine ecology and animal behaviour.
- The conservation of endangered marine mammal species, and concordant management of marine resources, have gained prominent positions in public news items and the attention of both governmental and non-governmental agencies.
- The desire to know more about the lives and behaviours of marine mammals coincides with a period in which improving technology is facilitating novel ways to probe the marine environment, and learn more about its inhabitants.
- The programme prepares you fully for a professional career involved with the research into and conservation of marine mammals and is led by members of the world-renowned NERC Sea Mammal Research Unit (SMRU) and draws on the wider marine expertise within the Scottish Oceans Institute (SOI).

Compulsory modules

- Biology of Marine Mammals
- Case Studies in Marine Mammal Biology
- Conservation and Management of Marine Mammals
- Quantitative Methods for Biology
- Statistical Modelling of Biological Data

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

- Advanced Bioacoustics for Marine Mammal Science
- Current Issues in Biologging
- Current Issues in Marine Mammal Behaviour
- Population Biology of Marine Mammals
- Predator Ecology in Polar Regions – a field course in Antarctica (requires payment of expedition fee)

Research Project

- Summer – 15,000-word Dissertation

(Preferred by Biology – see page 97)
Neuroscience (MRes)

- Advanced training in neuroscience research. You will conduct a year-long research project and learn relevant techniques and skills through coursework. The overall aim is to give you the necessary skill set to succeed as an independent research scientist.
- We expect applicants to have completed an undergraduate degree in a science related subject (e.g. Neuroscience, Physics, Biology, Psychology, Computer Science).
- Intensive week-long introductory module before the start of Semester 1.
- Streamlined taught component.
- Year-long research project in single laboratory.

Compulsory modules

Neuroscience Research Design Reading Party
Techniques and Skills in Neuroscience Research

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.) Optional modules offered may vary. Contact pgsecppsych@st-andrews.ac.uk for details.

Behavioural Neuroscience
Mechanisms of Behaviour: Integrating Psychological and Neuroscience Perspectives
Motoneurons: From Physiology to Pathology
Neural Basis of Episodic Memory
Neurodegeneration and Ageing
Neuromodulation
Synaptic Transmission
Vision: from Neurons to Awareness

Dissertation

Data-based 15,000-word Dissertation

(Delivered by Psychology & Neuroscience – see page 115)

Oil and Gas Innovation (MSc)

- Aimed at those with a degree in Engineering, Chemistry, or a Geology-related subject, normally a 2:1 Honours degree or better. For example: technical innovators (or technical staff within companies), business developers (from any sector), managers or technical staff within the oil and gas sector, graduates in engineering or science who have the qualities required to become leaders in innovation in the oil and gas industry.
- Run as a collaborative programme coordinated by the University of Aberdeen, and involving Heriot-Watt, Robert Gordon University, Strathclyde and St Andrews. It provides an opportunity for you to gain from the breadth of expertise and experience across these institutions.
- Covers project development and identifying opportunities for innovation, organisational practises and promoting innovation, understanding market readiness, business models and plans, how to conduct market research and obtain funding, and understand the regulatory, intellectual property and litigation issues surrounding innovation in the oil and gas sector.
- Equips you with the skills and competencies required to generate and commercialise innovations for the oil and gas sector; this is a recognised area of skills development by the oil and gas industry.

Compulsory modules

Commercialising Innovation
Entrepreneurial Leadership
Finance and Pitching for Funding for a New Venture
Product Development
Project Scoping

Optional modules – choose one

Advanced Geochemistry
Biogeochemistry
Geochemistry
Geodynamics
Isotope Geochemistry
Petroleum Exploration and Geophysics

Project

Project in Oil and Gas Innovation

(Delivered by Earth & Environmental Sciences – see page 102, in collaboration with other institutions)
**Photonics and Optoelectronic Devices (MSc)**

- Postgraduate vocational training in lasers, optics, and semiconductors tailored to the needs of those seeking to enter photonics-based industry and university research. You will benefit from classes using the expertise at St Andrews and Heriot-Watt universities, followed by a 3.5 month project, often with a UK photonics company.
- Aimed at graduates in physics or electrical engineering who seek postgraduate education in photonics to enhance their opportunities in industry/commerce or in PhD research in photonics.
- Tailored to balance fundamental understanding with industrial relevance.
- You gain an understanding of the fundamental properties of optoelectronic materials and devices with vocational training in modern optics, laser physics and semiconductor physics. You also gain practical experience in the operation of a wide range of laser devices and optoelectronic technologies.
- You develop an appreciation of the widespread practical applications of coherent light sources in communications, material processing and testing, optical processing, medical treatments and diagnostics, and environmental monitoring.
- The industrial project placement occupies 12-14 weeks from late May to August and is assessed in September after the submission of a dissertation.
- The admissions process will be run by Heriot-Watt University for 2017 entry.

**Compulsory modules**

**Semester 1 modules (at St Andrews) expected to be:**
- Displays and Nonlinear Optics
- Laser Physics
- Photonics Laboratory
- A photonics application (e.g. Biophotonics, Applications of Quantum Physics )

**Semester 2 modules (at Heriot-Watt) expected to be:**
- Photonics Experimental Laboratory
- Semiconductor Optoelectronic Devices
- Modern Optics
- Fibre Optic Communications

**Dissertation**

Summer – research project in an optoelectronics company, or occasionally within the universities.

*(Delivered by Physics & Astronomy – see page 114 and Heriot-Watt University)*

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**Psychology (MSc – Conversion)**

- A conversion route for those who hold an undergraduate Honours degree in a subject other than psychology. The programme provides a detailed knowledge of the core areas of psychology and principal theoretical and methodological issues in the field.
- Accredited by the British Psychological Society.
- Equips you with the necessary skills to facilitate research at MPhil or PhD level in the area of psychology or go on to a professional training programme.
- Facilitates conversion to psychology from business and economic backgrounds to improve employability for a wider range of job opportunities.
- Provides the statistical and methodological skills necessary to undertake research in psychology.
- Gain a detailed knowledge of the core areas of psychology and principal theoretical and methodological issues in the field.

**Compulsory modules**

- Assessment in Clinical Psychology
- Cognitive and Behavioural Neuroscience + OR + Evolutionary and Comparative Psychology
- Conceptual Issues and Theoretical Perspectives
- Developmental Psychology
- Methods of Data Analysis in Psychology
- Perception + OR + Cognition
- Quantitative Research Methods in Social Science
- Review
- Social Psychology

**Dissertation**

Summer – 15,000-word Dissertation

*(Delivered by Psychology & Neuroscience – see page 115)*

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Module titles listed are illustrative and may be subject to change (see Curriculum development page 7).
Research Methods in Psychology (MSc)

- Designed to train students wishing to pursue a higher research degree in psychology and equips them with the specific skills necessary for undertaking a career as a research psychologist.
- Provides interdisciplinary training in the social sciences plus advanced research training in psychology.
- You will have access to laboratories in neurophysiology, psychopharmacology, psychophysics, animal learning and cognition, cognitive psychology, developmental psychology and social psychology.
- The MSc is recognised by the Economic and Social Research Council (ESRC) as an approved course.

Compulsory modules

- Generic Research and Professional Skills in Psychology
- Methods of Data Analysis in Psychology
- Qualitative Methods in Social Research
- Quantitative Research in Social Science

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.) You choose two optional modules:

- Computer-Aided Research
- Being a Social Scientist
- Methodologies for Psychology and Neuroscience
- Philosophy and Methodology of the Social Sciences

Dissertation

- Summer – 15,000-word Dissertation

(Delivered by Psychology & Neuroscience – see page 115)
Sustainability

The University of St Andrews embraces its responsibilities for the future by placing sustainable development at the heart of its operations and integrating sustainability into day-to-day thinking and decision-making processes. Furthermore, the University is working with a range of key stakeholders to promote sustainable development across the higher education sector.

Although hosted by the School of Geography & Geosciences, Sustainable Development is a truly interdisciplinary subject at St Andrews, allowing students and staff from different Schools to work in a variety of disciplines. All students have the opportunity to get involved in Transition University of St Andrews, which is part of the UK-based Transition initiative and operates practical projects within different community groups. The School of Biology offers a programme focusing on aquaculture, one of the world’s fastest growing industries.

**Masters Degree options**

**MSc** (one year – full time)
- Sustainable Development (MSc & MRes)
- Sustainable Development and Environmental Economics (MSc)

**MSc** (two years – part time by distance learning)
- Sustainable Aquaculture (MSc)

**MRes** (one year – full time, primarily for students wishing to continue to PhD)
- Sustainable Development (MSc & MRes)

**MSc** (two years – full time, one year St Andrews, one year Moscow State Institution of International Relations (MGIMO))
- Coursework & 12,000-word Review Essay
- Sustainable Development and Energy (MSc)

**Other options**

**Postgraduate Certificate** (six months – full time, also available part time over one year)
- Sustainable Aquaculture (PG Dip)

**Postgraduate Diploma** (nine months – full time, also available part time over eighteen months)
- Sustainable Aquaculture (Vertebrates) or (Invertebrates) (PG Cert – Distance Learning)
- Sustainable Development (PG Dip / PG Cert)

For full programme and module details, see www.st-andrews.ac.uk/coursecatalogue/pg

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**Sustainable Aquaculture (MSc / PG Dip) part time by Distance Learning**

- Aquaculture is one of the world’s fastest growing industries, with an average growth rate of over eight per cent per year for the past ten years. More than half of all the aquatic food species consumed are now produced from aquaculture and it is estimated that a further 40 million tonnes of aquatic food will be required by 2030 to supply the continuing increase in demand.
- The course aims to develop your critical understanding of the development and principles of aquaculture.
- Flexible modular e-learning allows you to complete your studies while continuing in your employment.
- The course uses an online e-learning platform with tutorial support, direct contact with tutors, video stream and access to student bulletin boards.
- Graduates will typically pursue a career in higher level management, research and development or business development within the global aquaculture business.
- It is also possible to do single modules rather than the whole programme.

**Compulsory modules**
- Aquaculture and Fisheries
- Biology for Aquaculture
- Health and Disease
- Local and Global Impacts of Aquaculture
- Management, Husbandry and Sustainability
- Markets, Products, Processing and Food Safety
- Nutrition for Aquaculture

**Optional modules**
- Advanced Welfare and Ethics
- Breeding and Genetics
- Larval Rearing
- Ornamental and Aquaria Production
- Recirculation Aquaculture Systems

**Dissertation**
- 15,000-word Dissertation (MSc)

*(Delivered by Biology – see page 97, in collaboration with 5m Publishing, owners of thefishsite.com)*
Sustainable Aquaculture (Vertebrates) and (Invertebrates) (PG Cert – Distance Learning)

- Aquaculture is one of the world’s fastest growing industries, with an average growth rate of over eight per cent per year for the past ten years. More than half of all the aquatic food species consumed are now produced from aquaculture and it is estimated that a further 40 million tonnes of aquatic food will be required by 2030 to supply the continuing increase in demand.
- Flexible modular e-learning allows you to complete your studies while continuing in your employment.
- The course uses an online e-learning platform with tutorial support, direct contact with tutors, video stream and access to student bulletin boards.
- Ability to specialise in either vertebrates or invertebrates.
- It is also possible to do single modules rather than the whole programme.

Compulsory modules

**Invertebrates**
- Aquaculture and Fisheries
- Biology for Aquaculture – Invertebrates
- Health and Disease – Invertebrates
- Nutrition – Invertebrates

**Vertebrates**
- Aquaculture and Fisheries
- Biology for Aquaculture – Vertebrates
- Health and Disease – Vertebrates
- Nutrition – Vertebrates

Optional modules

Management, Husbandry and Sustainability
Markets, Products, Processing and Food Safety
Local and Global Impacts of Aquaculture

(Delivered by Biology – see page 97, in collaboration with 5m Publishing, owners of thefishsite.com)

Sustainable Development (MSc / PG Cert / PG Dip)

- Aimed at those with a background in geography, politics, sociology, environmental sciences, biology, mathematics or economics who are interested in making a change to society, environment and economy.
- This programme is interdisciplinary in nature allowing you to interact with students from other Schools and Departments around the University.
- Students taking core Sustainable Development modules have a number of targeted field trips every year at no extra cost.

Compulsory modules

*Interrogating Sustainable Development*
*Master Class in Sustainable Development*

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

**Being a Social Scientist**
**Development and Environment**
**Disease and Environment (c.1500 - c.2000)**
**Earth’s Greatest Hits**
**Economics for the Environment**
**Geographic Information Systems for Environmental Management**
**Geographic Information Systems for Social Research**
**Global Climate Change**
**Introduction to Geographic Information Science**
**Philosophy and Methodology of the Social Sciences**
**Public Policy and the Environment**
**Qualitative Methods in Social Research**
**Quantitative Research in Social Science**
**Water in the Environment**

Dissertation

Summer – Dissertation (MSc)

(Delivered by Geography & Sustainable Development – see page 106)
Sustainability
(continued)

Sustainable Development (MRes)

- This programme is aimed at those looking to pursue further research in sustainable development or develop their research skills within an employment context.

Compulsory modules

Interrogating Sustainable Development
Master Class in Sustainable Development
Quantitative Research in Social Science
Qualitative Methods in Social Research
Being a Social Scientist
Philosophy and Methodology of the Social Sciences

Optional modules

See entry page 89 for Sustainable Development (MSc)

Dissertation

Summer – Research Dissertation

(Delivered by Geography & Sustainable Development – see page 106)

Sustainable Development and Energy (MSc)

- This double Masters takes place in both Scotland and Russia. The first year at St Andrews has a specific focus on energy issues, and the second year at the Moscow State Institution of International Relations (MGIMO) challenges you to complete a study abroad programme on a wide range of energy modules.
- No previous training in sustainable energy is required, but those with an undergraduate degree in either business, management or economics are encouraged to apply.
- You benefit from being a part of the Arctic Research Centre.
- Interdisciplinary teaching provides multiple perspectives. You are taught by experts from disciplines across the University and beyond.
- You are placed in internships at an energy company in Moscow during your second year.

Year 1 – St Andrews Compulsory modules

Interrogating Sustainable Development
Master Class in Sustainable Development
Economics for the Environment

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on Curriculum development.)

Development and the Environment
Public Policy and the Environment
Being a Social Scientist
Philosophy and Methodology of the Social Sciences
Ten Global Health Problems

Year 2 – MGIMO – Compulsory modules

Management and Marketing
Energy Economics
Strategic Management
Legal Regulation of Energy
Oil and Gas Business
Financial Management of Energy

Dissertation

Summer – Dissertation

(Delivered by Geography & Sustainable Development – see page 106 and MGIMO (Moscow State Institution of International Relations))
Sustainable Development and Environmental Economics (MSc)

• Offers additional training and research opportunities in the field of environmental economics for those interested in making a change to society, environment and economy.
• Interdisciplinary teaching provides multiple perspectives. You are taught by experts from disciplines across the University and beyond.
• Practical experience supplements leading theory. The lecturers and visiting speakers all have practical experience of advising government, business and communities on aspects of sustainable development as well as being leaders in their academic fields.

Compulsory modules

Development and Environment Economics for the Environment
Interrogating Sustainable Development
Master Class in Sustainable Development
Public Policy and the Environment

Dissertation

Summer – Dissertation

(Delivered by Geography & Sustainable Development – see page 106)
Theological Studies

Theology has been taught in the University since its earliest days. As the seat of the Archbishop of St Andrews, the town was the centre of church life in Scotland for many centuries. St Andrews was at the heart of much of the action during the Reformation, witnessing not only a few martyrdoms but also the passionate debating of key theological issues.

St Mary’s College dates back to 1538 and became the home of the Faculty of Divinity in 1579. Today, staff pursue cutting-edge research in a wide range of specialisms. The School of Divinity hosts four research centres and institutes, focusing on: Bible, Theology and Hermeneutics; Analytic and Exegetical Theology; Religion and Politics; and Theology, Imagination and the Arts.

Masters Degree options

MLitt (one year – full time)
MPhil (two years – full time)
Analytic and Exegetical Theology (MLitt)
Bible and the Contemporary World (MLitt) (Local and Distance Learning)
Biblical Languages and Literature (MLitt)
Systematic and Historical Theology (MLitt)
Theology, Imagination and the Arts (MLitt)

Other options

Postgraduate Diploma (nine months – full time, also available part time over two years)

Available in all five programmes above

For full programme and module details, see: www.st-andrews.ac.uk/coursecatalogue/pg

Analytic and Exegetical Theology (MLitt / PG Dip)

- This is a new degree programme in systematic theology that addresses central themes in Christian thought in the context of interdisciplinary engagement with contemporary biblical exegesis, on the one hand, and analytic philosophy, on the other. It is committed to the academic ideals and principles of analytic theology, and seeks to cultivate analytic rigour, lucidity and transparency in argumentation.
- The course introduces students to an important new development in the field of theology, namely, ‘analytic theology’. In doing so, it seeks to develop skills in the critical evaluation of major theological doctrines in dialogue with the constructive developments in biblical scholarship and analytic philosophical theology. Integral to this is a process of ‘theological retrieval’ which draws on, and evaluates, key theological arguments in the history of Christian thought.
- The programme also seeks to build on the field-changing developments in Christian analytic philosophy and philosophical theology that have taken place over recent decades.

Compulsory modules

- God, History and Revelation
- Persons: Divine and Human
- Reconciliation: Divine and Human

Dissertation

15,000-word Dissertation, starts during Semester 2 and into the summer.

(Delivered by Divinity – see page 101)
Bible and the Contemporary World (MLitt / PG Dip)

- Connects biblical and theological studies with other disciplines in the arts, humanities and social sciences.
- Aimed at those who are considering doctoral work in fields such as practical theology or who seek to deepen their critical thinking for careers (often in the voluntary sector) that have a religious dimension.
- Gain an understanding of how public issues and culture both shape and are shaped by Christian theology, biblical interpretation and practice.
- Combines University-based and virtual learning modules.
- Join an international and interdenominational group of 20 to 25 students in relating the Christian traditions to a host of public issues.
- The School of Divinity regularly hosts international conferences and smaller symposia on themes across the field of biblical and theological studies.

Compulsory modules (one each semester from):
Surveillance, Theology and the Bible
The Book of Revelation

Optional modules (choose one):
Optional modules are offered in accordance with the needs of the programmes as determined by the School.
Sample optional modules – these vary annually and reflect current staff interests.
Choose 40 further credits in Semester 1 from:
A Selected Mediaeval Theologian
A Selected Modern Theologian
Christian Doctrine and the Arts
History of Biblical Interpretation
Religious Experience and Aesthetic Theory
The Doctrine of the Trinity
The Origins of Christian Theology
Theological Engagements with the Arts: Rationales, Methods and Texts

With permission, credit may be taken from other postgraduate taught modules offered by the School.

Dissertation
15,000-word Dissertation (MLitt)
(Delivered by Divinity – see page 101)

Bible and the Contemporary World (MLitt / PG Dip) Distance Learning

- A part-time virtual learning programme that connects biblical and theological studies with other disciplines in the arts, humanities and social sciences.
- A residential study week in St Andrews starts each module with lectures and seminar discussions and allows you to meet your fellow participants and tutors.
- Join an international and interdenominational group of 20 to 25 students, most of whom are lay people without prior theological qualifications, in relating the Christian traditions to a host of public issues.
- Provides continuing professional and personal development for clergy and lay people together.

Compulsory modules (one each semester):
Surveillance, Theology and the Bible (Spring 2018)
The Book of Revelation (Autumn 2017)
See our website for the modules offered in Autumn 2018.

Dissertation
15,000-word Dissertation (MLitt)
(Delivered by Divinity – see page 101)
Theological Studies
(continued)

Biblical Languages and Literature (MLitt / PG Dip)

- Offers students with existing competence in biblical languages the opportunity of sustained close and critical engagement with the biblical texts.
- Aimed at those with a strong undergraduate and / or postgraduate degree in biblical studies. You must also have taken at least two semesters each of Hebrew and Greek, plus at least an additional semester of one or the other, at undergraduate level.
- Focus on the reading of biblical manuscripts and the use of the apparatuses of the critical editions of the Hebrew Bible, Septuagint and the New Testament with preparation for research degrees.
- Increase proficiency in the grammar and syntax of both Hebrew and Greek.
- Gain a critically and historically informed understanding of biblical traditions and their textual development.
- Contextualise the various methods and sources employed in biblical scholarship to use textual investigations in broader biblical, historical and theological research.

Compulsory modules
Greek Readings
Hebrew Readings
Textual Criticism of the Hebrew Bible and the New Testament

Optional modules
Optional modules are offered in accordance with the needs of the programmes as determined by the School.
Sample optional modules – these vary annually and reflect current staff interests.

Ancient Jewish Literature from 1 Enoch to the Mishnah
Biblical Aramaic
Biblical Themes
Guided Study in Divinity
History of Biblical Interpretation
Scripture and Hermeneutics
The Book of Revelation: Greek Texts & Exegesis

Dissertation
Whole year (focus period summer) – 15,000-word Dissertation

(Systematic and Historical Theology (MLitt / PG Dip)

- Engage at a high level with the study of Christian doctrine in its historical context and systematic expression.
- Of particular interest to those with a background in theology who wish to pursue the history and content of Christian doctrine at greater depth, or who are preparing for doctoral studies in the field.
- Examine the historical development and present expression of a number of core doctrines, and investigate the theological contribution of some major figures in the tradition.
- Integrate the study of theology with biblical interpretation.

Compulsory module
The Origins of Christian Theology

Optional modules
Optional modules are offered in accordance with the needs of the programmes as determined by the School.
Sample optional modules – these vary annually and reflect current staff interests.

History of Biblical Interpretation
Selected Mediaeval Theologian
Selected Modern Theologian
Selected Patristic Theologian
The Doctrine of the Trinity
Theology Special Topic

Dissertation
Whole year (focus period summer) – 15,000-word Dissertation (MLitt)

(Delivered by Divinity – see page 101)
**Theology, Imagination and the Arts (MLitt / PG Dip)**

- A theoretically inflected and historically contextualised introduction to the field of theology and the arts, acting as a stand-alone Masters course or a stepping stone for those considering doctoral research in the field.
- Can lead to doctoral research in the field, or provide an independent qualification for those wanting to broaden and deepen their understanding of the relationship between theology and the arts.
- A rigorous and vibrant programme designed for those with a strong academic background in either theology or the arts. In particular, the course offers you an opportunity to:
  - reflect on the theological dimensions of artistic work
  - explore the place of art within theological thought and practice
  - engage with diverse forms of culture of different eras, including literature, drama, the visual arts and music.
- Graduates have taken up roles in a wide variety of occupations including:
  - Assistant Professor of Literature, Houston Baptist University, USA
  - Manager of Church Partner Development, The Colossian Forum on Faith, Science and Culture, USA
  - Associate Pastor of Grace Church, USA
  - Dean of Studies, Knox Centre for Ministry and Leadership, New Zealand
  - Teaching Staff, Eastbourne College, UK.

**Compulsory modules**

- Christian Doctrines and the Arts
- Religious Experience and Aesthetic Theory
- Theological Engagements with the Arts: Rationales, Methods and Texts

**Dissertation**

15,000-word Dissertation – starts during Semester 2 and into the summer (MLitt)

*(Delivered by Divinity – see page 101)*
Art History

Features
* Between 30 and 40 postgraduate students are admitted each year. The School has a friendly face and is responsive to the needs of individual students.
* We offer a unique and innovative postgraduate programme in the History of Photography.
* The Postgraduate Diploma/MLitt in Museum and Gallery Studies is Scotland’s longest established museum studies programme, offering a unique opportunity to organise a professional exhibition in a public venue.
* The Museums, Galleries and Collections Institute (MGCI) initiates and promotes research on museum and gallery issues.
* The School is also part of the University’s St Andrews Scottish Studies Centre and the Institute of Mediaeval Studies.
* All students can apply to participate in a three-week summer school in Paris at the École du Louvre. A fee of £500 applies and students are also expected to arrange and pay for their own travel and accommodation.

The School is one of the largest of its kind in the United Kingdom with an academic staff of 16.

Teaching and research interests of the School extend from the ancient to the contemporary period. We particularly concentrate on the art of late mediaeval and renaissance Italy; mediaeval Europe and the British Isles, including Scotland; nineteenth-century to twenty-first-century art in Britain, France, Russia, Eastern Europe and the Americas; the decorative arts, architectural and furniture history; the history of photography; and museum and gallery studies.

Postgraduate community
The School of Art History supports a large, active and diverse postgraduate community. Postgraduate students publish the North Street Review: Arts and Visual Culture journal, an annual journal containing articles on a wide range of topics by students at St Andrews and other universities. The School also organises postgraduate research seminars and occasional symposia. Each year we invite a number of artists and scholars to give lectures.

Teaching and research in the School of Art History is supported by extensive library holdings, a major Visual Resources Collection containing approximately 150,000 images, and computing facilities. Within the School, rooms are designated for postgraduate study and computers are made available exclusively for postgraduate use. We also have a microfiche copy of the Conway and Witt photographic archives, comprising some two million images of works of art. The University of St Andrews itself holds a variety of important specialised collections on which students may draw in the course of their research. The superb collections and libraries of Edinburgh and Glasgow are also within easy reach of St Andrews.

The School takes pride in offering a relaxed but stimulating environment in which staff and students contribute equally to the creation of a collegial and friendly atmosphere.

Art History extends a warm welcome to all our students, who form a truly international community at St Andrews in our cosy and hospitable Scottish setting.

Careers
A postgraduate degree in Art History, History of Photography or Museum and Gallery Studies provides an excellent foundation for a career in the art or museum world.

The Museum and Gallery Studies course provides a theoretical foundation combined with hands-on, practical and transferable experience. Recent graduates have gone on to work for a range of institutions, from the Scottish Light House Museum to the National Museums of Scotland, the Victoria and Albert Museum to the Detroit Institute of Arts, the McManus Galleries in Dundee to Zhejiang University Museum of Art & Archaeology, and auctioneers Lyon and Turnbull, and Bonham’s, among many others. Two year-long traineeships within University Collections are open uniquely to Museum and Gallery Studies graduates, as is the four to five month David Nicholls Curatorial Internship at the South Georgia Museum in Antarctica.

Recent postgraduates in Art History and History of Photography are employed in universities and archives, museums and galleries, auction houses, radio stations, publishing houses and magazines and are also working in journalism, teaching, and retail.

Contact
E: pgarthist@st-andrews.ac.uk
T: +44 (0)1334 462414

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Biology

Features

* In 2015-2016 there are 55 MSc students.
* World-class research programmes complement our teaching. Relevant staff specialisations include marine biology, marine mammal biology, bioacoustics, behavioural biology, ecology, evolutionary biology, population biology, molecular biology, conservation, policy and management.

The School of Biology at St Andrews is one of the largest in the UK, with 66 academic and related staff and 99 postdoctoral researchers.

Recent School of Biology news
Up-to-date news items and news archives of the School can be found on our webpage: http://biology.st-andrews.ac.uk

Postgraduate community
The School of Biology has a diverse and vibrant postgraduate community. The St Andrews BioNetwork, founded in 2009 by Biology postgraduates, provides a great social and academic forum bringing together PhD and Masters students at different stages of their training. http://sabionetwork.wordpress.com

In addition, students at the different Biology locations within the University form integral parts of their departmental community with frequent academic exchanges during morning coffee, lab chats and departmental seminar series.

The taught programmes
The School of Biology offers a range of first-class postgraduate taught programmes based around the recognised research excellence of its research centres, such as the Scottish Oceans Institute (SOI) and the NERC Sea Mammal Research Unit (SMRU). The MSc in Ecosystem-based Management of Marine Systems further benefits from joint teaching and expertise provided by the Scottish Association for Marine Science (SAMS), UHI. Programmes offered in collaboration with another institution are renewed annually.

The MSc programmes provide the knowledge and skills to obtain and interpret multidisciplinary datasets and foster an integrated holistic approach to conservation, management and the sustainable use of marine resources. You will enhance your postgraduate and professional skills, providing a strong basis for careers in government agencies, the commercial sectors or academia.

Teaching
Teaching takes the form of lectures, tutorials, seminars, debates or workshops. Practicals involve laboratory work, field excursions, modelling and computer-based data analysis. Some optional modules include several week-long field trips to exotic destinations, including Indonesia (scientific diving) and Antarctica (top predator ecology), to practice survey techniques and field methodology.

Teaching for the part-time distance learning courses in Sustainable Aquaculture utilises a sophisticated e-learning platform developed by 5m Publishing who are partners in the online learning experience.

Class Sizes
Classes range from 5 to 30 students, depending on activity.

Careers
Students are well prepared to become the next generation of managers and scientists delivering the research and scientific advice needed for integrated resource and biodiversity management all over the world.

Many graduates from our postgraduate taught programmes pursue research careers starting with PhD study, some at St Andrews and others at universities throughout the UK and internationally such as the USA or Australia. Others seek competitive employment and commercial experience in the environmental consultancy sector. Some of our graduates work in conservation management, policy and advice for government agencies in the UK and overseas.

Graduates in Sustainable Aquaculture will typically pursue a career in higher level management, research and development or business development within the global aquaculture business. The programmes include aquaculture in all regions of the world and are particularly suited for those looking to focus on the rapidly growing Asian and South American markets.

Contact
Postgraduate Taught Programmes
E: pgtaughtbiology@st-andrews.ac.uk
T: +44 (0)1334 463441
http://biology.st-andrews.ac.uk/postgraduate

MSc, PG Diploma, PG Certificate Sustainable Aquaculture
E: mscaqua@st-andrews.ac.uk
T: +44 (0)1334 463441
http://synergy.st-andrews.ac.uk/biopostgraduate/sustainable-aquaculture

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The School of Chemistry has a student population of around 180 research postgraduates and 83 postdoctoral researchers.

Note: All prospective newcomers to the School are urged to establish contact as soon as possible. Competition for postgraduate places has increased in recent years and positions are filled early.

In the UK Research Excellence Framework 2014, EaStCHEM, the combined Edinburgh and St Andrews research school for Chemistry, was ranked top in Scotland with 28% of its overall research activity rated as ‘world leading’ (4*).

Facilities
The Purdie Building, the adjoining Biomolecular Sciences building and the brand-new Biomedical Sciences Research complex offer excellent accommodation and facilities for teaching and research in some of the most modern and well-equipped laboratories in the UK.

The School has major facilities across the full spectrum of Chemistry, including NMR (both solution and solid-state), X-ray crystallography (single-crystal, powder and macromolecular), electron microscopy, catalyst evaluation, analytical chemistry, spectroscopy, computational chemistry and surface science, together with all the standard chemical evaluation techniques.

The School of Chemistry also houses its own reading room containing all of the major books required for postgraduate research work. Comprehensive online access to journals and national and international databases is available. Taught postgraduate students are allocated working and write-up space within their respective research groups.

Careers
Chemistry graduates have gone on to successful careers in the chemical industry with companies such as BP, Shell, Johnson Matthey, Siemens and the pharmaceutical industry e.g. GSK, Pfizer, AstraZeneca. Many also continue in academic life, pursuing a research-based PhD in universities or research institutions in the UK, Europe, North America, Japan and others worldwide. Other career routes outwith a research environment include scientific publishing, patent law, forensic science, and IT and energy consultancy.

Contact
E: chem-pg@st-andrews.ac.uk
T: +44 (0)1334 463800
Alongside this core training, you have the opportunity to develop your particular expertise and interests through essays and a dissertation, closely supervised by experts in the field. St Andrews is one of the major centres for the study of the Classical world in the UK, with a wide range of expertise: for a full list of our academic staff and their research profiles, see www.st-andrews.ac.uk/classics/staff. Staff on research leave do not normally teach.

Compulsory module: seminars of 5 - 20 students
Thematic modules: taught in groups of 1 - 5 students
Language modules: in groups of 10 - 30 students

Careers
Many of our recent taught postgraduate students have gone on to study for a PhD in the UK or the USA, but others have used our Masters degrees as an intellectual foundation for diverse professional careers, including teaching in schools, law, or museum curatorship.

Contact
E: classpg@st-andrews.ac.uk
T: +44 (0)1334 462608 (am) / 462600 (pm)
Computer Science

Features

* You will be part of a cohort of around 80 taught postgraduate students admitted every year who enjoy many opportunities to work and socialise together.
* You will benefit from the School’s emphasis on excellence in both teaching and research. You will learn and study in our two adjacent purpose-built buildings, in daily contact with our 50+ academic and research staff, as well as undergraduate and research students. Larger lectures take place in nearby science buildings.
* You will experience a wide variety of teaching methods in addition to traditional lectures, with an emphasis on personal and small group teaching.
* You will have 24-hour access to well-equipped laboratories, including high-speed wireless Internet access throughout.
* You will have the opportunity to broaden your knowledge beyond your lecture courses by attending the departmental seminar series and distinguished lecture programme and the dedicated Systems and Human Computer Interaction seminar series.
* You will be a part of SICSA, the Scottish Information and Computer Science Alliance, of which St Andrews is a founding partner, giving access to specialised events and training and expert staff at all of Scotland’s universities.

Financial assistance for taught courses
A loan from SAAS (Student Awards Agency for Scotland) is expected to be available to cover fees and subsistence for our taught courses for a range of applicants: students who are ordinarily resident in Scotland and have not been funded at a postgraduate level by SAAS before; students who have been funded by SAAS for their undergraduate degree; students who are EU nationals and have not previously been funded by other UK education authorities. See: www.saas.gov.uk

For up-to-date scholarship information, see: www.st-andrews.ac.uk/study/pg/fees-and-funding/scholarships/taught

See also page 10 for further financial information.

Careers

Taught postgraduate degrees in Computer Science produce graduates who are well equipped to pursue careers at the forefront of technology. Our recent graduates have gone on to work in a variety of global, commercial, financial and research institutions, including: Amadeus, Amazon, Atlas, Avaloq, Barclays Capital, BP, BT Openreach, Capricorn Ventis, FactSet, Hailo, Hewlett Packard, Hitachi Data System, Microsoft, OpenBet, Rockstar, Royal Bank of Scotland, Sky, Skyscanner, Symantec and TriSystems. We also have a number of students who have stayed on to study for a PhD in the School.

Contact

E: msc-admin-cs@st-andrews.ac.uk
T: +44 (0)1334 463251

Class Sizes
Lectures: 5 - 30

Some tutorials and labs are in groups of less than ten and all MSc students complete dissertation projects supervised individually or in small groups.
Divinity

**Features**

* Divinity has 22 members of staff undertaking research in a wide range of specialisms, an undergraduate student population of around 100 full-time equivalents, and 90 postgraduates, of whom 20-30 are in MLitt programmes.
* A closely-knit community of academics and postgraduates provides a context in which to engage in stimulating theological explorations.
* St Andrews has gathered one of the most outstanding communities of internationally-renowned scholars.
* Five weekly seminars cover Analytic and Exegetical Theology, Biblical Studies; Religion and Politics; Systematic Theology; and Theology, Imagination and the Arts. There are also regular workshops on the theme of Scripture and Theology.
* In preparation for your future career, intellectual abilities are promoted as part of a broad package of development, including the enhancement of effective communication and leadership skills.
* The School is home to the Centre for the Study of Religion and Politics, the Institute of Analytic and Exegetical Theology, the Institute for Theology, Imagination and the Arts and the Institute for Bible, Theology and Hermeneutics.

The School admits around 50 postgraduate students each year, of whom 20-30 are in MLitt programmes.

**Postgraduate community**

The School of Divinity promotes a friendly atmosphere with a cross-flow of ideas between the disciplines, while providing the depth and breadth necessary to ground the pursuit of scholarly activity at an international level.

Our biggest asset is not our distinguished history or our fine facilities but rather our people – both staff and students. It is a popular place for visiting scholars from all over the world.

**Class Sizes**

Class sizes range from 6 - 12 students in the residential MLitt.

St Mary's College

Theology has been taught in the University since its earliest days. As the seat of the Archbishop of St Andrews, the primate of the mediaeval Scottish Church, the city of St Andrews was for many centuries the centre of church life in Scotland. During the crucial time of the Reformation St Andrews was at the heart of much of the action, witnessing not only martyrdoms and the capture of John Knox by French Catholic forces but also the passionate debating of key theological issues.

St Mary's College – the youngest of the University's colleges – was founded in 1538, just before the main effect of the Reformation in St Andrews. Following the Reformation, it was re-founded in 1579, and it was then that the theological teaching from the other colleges was concentrated in St Mary's College. It became the home of the Divinity Faculty in the University, and so it has remained to the present day. The fine sixteenth-century buildings of the College are grouped around two sides of a spacious quadrangle. From its stately setting, St Mary's is a lively part of the University community and one to which many students have great loyalty. The College Society, run by the students, organises social events throughout the year.

**Library resources**

As a result of enjoying copyright status during the eighteenth and nineteenth centuries, the University is rich in theological, historical and biblical works from that period. In more recent times, the University has further developed its library resources, strategically investing in key publications for research and teaching. In addition to the holdings in the University Library, Divinity has a further collection of its books housed in the King James Library, which adjoins the College quadrangle, and study facilities are also available there.

**Student societies**

Students have access to all the University facilities and social and political clubs of all kinds. There is a lively Chaplaincy Centre and there are also denominational and other Christian societies and groups representing other faiths. On Sundays the University holds an ecumenical service in the University's St Salvator's Chapel at which prominent people from all branches of the Christian church are invited to preach.

**Careers**

In addition to the professional societies of the UK and Europe, the close contacts of many St Andrews staff with North America, including regular attendance at the annual meetings of the American Academy of Religion and Society of Biblical Literature, provide an important network for aiding graduates in finding academic and ministerial positions. This is strengthened by our own alumni who have, over many decades, become established in teaching positions in the United States and Canada as well as in careers in the public and private sectors. Over 70% of graduates from our programmes go on to do a PhD – 60% apply to continue here at St Andrews.

**Contact**

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**St Andrews**

Andrews has gathered one of the most outstanding communities of internationally-renowned scholars. Following the Reformation, St Andrews was at the heart of much of the action, witnessing not only martyrdoms and the capture of John Knox by French Catholic forces but also the passionate debating of key theological issues.

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Earth & Environmental Sciences

Features

The Department of Earth & Environmental Sciences has 18 full-time academics, 11 research fellows and 4 technical staff members, with a student population of about 170. We have a wide range of expertise in the fields of geology, geochemistry, mineralogy and geophysics underpinned by new state-of-the-art laboratory facilities developed as a result of the recent appointment of early-career academics over the past five years. In particular, our expanded geochemistry research and teaching programme now covers investigations into the origins of life, evolution of the Earth and other terrestrial planets, exploration for habitable planets, composition of oceans, rivers and atmospheres, and the pulse of past and current climate change.

Postgraduate community

A dynamic and research-intensive atmosphere is encouraged and supportive of all students. The size of our Department engenders cohesive and friendly collaborations between staff, postdoctoral research fellows and postgraduate students, and co-authored papers are routinely published in the top journals for Earth Sciences. We are part of the IAPETUS NERC Doctoral Training Partnership, along with the universities of Durham, Glasgow, Newcastle and Stirling, and the British Geological Survey.

Facilities

The Department houses state-of-the-art stable and radiogenic isotope geochemistry and geobiology laboratories, including culturing facilities for corals and microbes. Our research equipment includes five high-precision isotope mass spectrometers (two MAT 253s, two Nu Plasma, and one Neptune Plus installed in 2015), two Class 100 clean labs, an XSeries quadropole ICP-MS, ICP-OES, and a Finnegan Delta Plus XP gas source mass spectrometer.

All materials, and particularly gases, liquids, minerals, rocks, organisms, and soils, can be analysed for isotopes and major and trace elements within research projects that cover the breadth of Earth and environmental science. We host a suite of field geophysical equipment, and an experimental petrology facility capable of simulating conditions from the mid-crust to upper mantle (pressures of between 0.5-4.5 GPa and 300-2000°C). A range of spectroscopic, SEM, electron microprobe and X-ray diffraction and fluorescence techniques are also part of our analytical facilities.

Careers

The range of research areas and applications within our Department are broad and career opportunities arising from postgraduate training span the whole of Earth and environmental sciences.

MSc Geochemistry graduates are employed in the energy sector (hydrocarbon industries, petrochemicals, nuclear and renewables), in mining and mineral exploration, extraction and processing, and in environmental industries and agencies focused on pollution monitoring and environmental remediation. MSc Geochemistry graduates are also in demand as specialised research technicians in academic institutes worldwide and as PhD students in geochemistry-focused research.

In addition, Masters’ level training in geochemistry would provide a suitable platform for a career in materials science outside of Earth and environmental sciences specifically.

MSc Oil and Gas Innovation graduates have new skills to contribute to the oil and gas industries, particularly in the area of applied geochemistry.

Contact

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Masters student in the Geobiology lab conducting research on the composition of Archaean atmospheres during the Great Oxidation Event around 2.3 billion years ago.
Economics & Finance

Features

* You will enhance your analytical and decision-making abilities through training in problem solving, specifically through the use of quantitative and model-based methods of analysis.
* Dissertations are supervised on an individual basis by members of staff with internationally recognised expertise.
* Regular seminars and workshops bring you into contact with cutting edge research.
* Entry is competitive and entrance standards are high.
* These qualifications have taken previous students to a wide range of career opportunities across the globe.

We admit up to 100 taught postgraduate students each year.

Economics and finance are broad and important research fields linking almost all aspects of human activity: running a business, purchasing stocks and bonds, managing a charity, taking on a job, getting married, regulating an industry, administering a loan and so on. Despite this diversity the key concept is simple: economic agents act in pursuit of their own interests and this simple and unifying concept can be rigorously applied in many areas of research. These extend from core areas like macroeconomics, the business enterprise, and household behaviour, to areas such as innovation, taxation, the environment, quality of life, financial markets, the business cycle and inflation.

Economics and finance is expanding and changing at St Andrews and we have recently welcomed a number of new lecturing staff adding to our cosmopolitan School. We bring understanding and excitement from the latest cutting-edge research into the teaching of all our postgraduate degree programmes. Our emphasis on smaller group teaching allows a high level of interaction between both students and teachers, encouraging a warm and friendly learning environment. We also offer an opportunity for our postgraduates to engage with our enthusiastic undergraduates via the School’s tutorial system. We encourage our postgraduates to take a full part in our guest lecturer seminar series and to attend international events, so broadening their interests and enabling exploration of the widest application of economic theories.

Location
St Andrews has a tradition in economics and finance dating back over one hundred years. The School of Economics & Finance is located in Castlecliffe, a beautiful Edwardian mansion on The Scores, overlooking the delightful St Andrews Bay. Many of our students enjoy the rural pursuits on our doorstep with the opportunity to venture out to the mountains and even ski in the Cairngorms in the winter months.

Teaching
Our modules are delivered through traditional lectures and supported by a combination of tutorials, seminars or computer laboratory work, as appropriate. Choosing your individual syllabus is important and is done in personal consultation with your course director. You will be assessed by both continuous assessment and examinations, with exams held at the end of each semester.

Each module typically has 20 lecture contact hours, and five seminar/ workshop/ tutorial contact hours (there is some variation by specific module design). Assessment is typically 50% by continuous assessment and 50% by two-hour examination (there is some variation in format by module design). Intensive independent study is expected of all students.

English language support
If your previous experience of studying economics in English is limited, you may need a pre-Masters year of study in St Andrews in ELT, see page 12.

Careers
There is a long-standing tradition of our graduates working in a wide variety of challenging and rewarding posts, in economics, finance, commerce, insurance, industry, academia, diplomatic service, and banking. They work in the UK, Europe, and North America, and more frequently in locations such as China, Taiwan, Hong Kong, Japan and Thailand. See also Careers Centre page 26.

Some more widely recognised graduates in Economics and Finance from St Andrews have included: Professor Sir Alan Peacock, Professor Ian Wooton, Professor Grant Baird, Professor Sheila Dow, Alex Pratt OBE, Alex Salmond former First Minister of Scotland.

Contact
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80% research outputs ranked internationally excellent or world leading

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**Features**

- The School of English currently has over 30 permanent members of staff.
- The School admits around 30-40 new taught postgraduate students each year.
- Research excellence in all periods of English literature from Old English to the present day.
- Varied programme of published writers and academics as visiting speakers.
- One of the highest concentrations of mediaevalists in the UK, united by the St Andrews Institute of Mediaeval Studies (SAIMS).
- Creative Writing classes taught by some of the most highly regarded novelists, poets and playwrights in the UK.
- The Centre for Research Studies, housed in its own building with computers, office space and communal areas, fosters a strong postgraduate community spirit.

**Postgraduate community**

The School has a vibrant postgraduate community of around 70 students with a dedicated administrator for all postgraduate matters.

Postgraduates meet regularly at the School’s Postgraduate Forum and at various voluntary seminar series organised by English or other Schools within the Faculty of Arts.

Each semester, the School invites distinguished visiting academics and creative writers to lead seminars, lectures and workshops as part of our regular research events. All taught postgraduates have access to research funds to help offset the costs of attending conferences or other research libraries.

**Facilities**

The teaching rooms and staff offices of the School of English are housed in two nineteenth-century stone buildings, Castle House and Kennedy Hall, opposite St Andrews Castle and overlooking the sea. 66 North Street, the School’s dedicated Centre for research students, is only a few minutes’ walk away.

The University Library’s Copyright Deposit Collection contains approximately 40,000 volumes, covering the whole subject area from 1709 to 1837, and approximately 5,000 volumes of periodicals which ceased publication before 1841. Some of this material is not held in the National Library of Scotland.

The University Library also subscribes to a wide variety of online databases, including JISC Historic Books for access to almost all printed books to 1800, and Defining Gender 1450-1910 for material supporting the School’s work in gender and sexuality studies. Manuscript collections extend from mediaeval archives through some of the world’s most detailed records of eighteenth and nineteenth-century reading to the papers of the contemporary poet Douglas Dunn.

Postgraduates have the opportunity to work with expert Library staff in areas ranging from palaeography to digital humanities.

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**Funding: investing in your future**

The School of English normally offers a small number of its own awards for suitably qualified applicants who have been accepted for an MLitt. Up-to-date information can be found at: www.st-andrews.ac.uk/english/postgraduate/funding

**Careers**

Following a taught postgraduate course in English at the University, students go on to pursue careers in a range of sectors including journalism, marketing, publishing and teaching. Others continue in academia, moving on to a PhD.

There is also specific information and support available for those considering doctoral study: www.st-andrews.ac.uk/careers/researchers

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Film Studies

Features

* Research-led teaching in a supportive and vibrant environment.
* Senior expertise of high profile scholars, such as Professor Richard Dyer and Professor Dina Iordanova.
* Regular visits from high-profile film critics and film makers.

The youngest department at Scotland’s oldest university.

Film Studies at St Andrews is committed to questioning the traditional view of what is ‘normal’ cinema. We attempt to uncover the agendas that define how we think about cinema, both in terms of the kinds of films we watch for pleasure, and those we study at university. We are interested in exploring the ways in which racial, ethnic, religious, and sexual subcultures conceptualise their identities, and in examining classic Hollywood and European film through new cultural, theoretical and historical perspectives. Similarly, we are keen to look at films produced at the periphery of established nations, co-productions between smaller players struggling to survive in the global marketplace and popular genre films often deemed unworthy of high-brow critical attention.

Postgraduate community

Film Studies extends a warm welcome to all our students, who form a truly international community at St Andrews in our cosy and hospitable Scottish setting. The Departmental staff bring a multicultural flavour as well as strong international academic experience. This cosmopolitan environment allows you to become familiar with cross-cultural issues and to develop personal contacts across Europe, Asia, and North America, an important factor in your future specialist development.

Postgraduate events

Postgraduate students have the opportunity to present their work at the annual postgraduate student colloquium, at which they are joined by a Visiting Professor, who provides them with feedback on their work. Postgraduate students also organise and run an annual Study Day at which they are also joined by guest speakers, in addition to writing book reviews and editing the newsletter of the Centre for Film Studies.

Facilities and collections

The Department is housed on North Street within easy walking distance of the University Library, local cinema and town centre. Recently the Department has started to use the wonderful facilities at the nearby Byre Theatre for most of our seminars, and for other film-related activities. MLitt classes are usually held at the Byre. A Film Studies Postgraduate Study Centre houses a DVD collection, postgraduate workspaces, viewing stations and off-air recording facilities.

At St Andrews you will be exposed to a rich and diverse film programme. Regular course-related film showings take place in a custom-built theatre. In addition, a range of screenings takes place across the University during term time, featuring films related to anthropology, international relations, and history.

St Andrews has excellent library provision, with book, journal and other information resources in Film Studies at a level consistent with an international centre of excellence. The Main Library hosts one of the best collections of international cinema on DVD and video (over 9,000 titles). The Library also holds over a million print monographs, more than 32,000 electronic books and substantial journal title holdings in print and over 33,900 full-text electronic titles. In excess of 2,000 monographs are classified under Film Studies and related subjects. Well over 2,000 monographs are classified under Film Studies and related subjects. There are holdings of approximately 100 film, television and media-related journals, of which about 65 are available electronically; there is also networked access to various databases, including Box of Broadcasts, Film Indexes Online and Film & Television Literature Index Full-Text.

Class Sizes

Seminars: 4 - 10
Tutorials: individual tuition

Careers

A Film Studies degree opens doors to many other spheres, including media management, film and TV research, journalism, publishing, advertising, cultural entrepreneurship, non-governmental organisations, marketing, public relations and education.

Contact

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T: +44 (0)1334 467473
Geography & Sustainable Development

Features

* The School of Geography & Geosciences has 30 permanent academic staff, 3 teaching fellows, 3 support staff, 12 research fellows and assistants and 43 research postgraduate students.
* Particular strengths in health and population geography, Quaternary environmental change and glacial studies, urban and historical geography, housing and labour markets, biogeography, oceanography, and environmental management and sustainable development.
* Excellent in-house laboratory, IT and field resources for teaching and research.
* Emphasis on a range of different skills producing highly literate and numerate graduates with excellent employment prospects.
* The School is a partner in the University’s Scottish Oceans Institute (SOI).
* Dedicated space for postgraduates, plus a 24-hour access computer lab and locations for group or individual work, classes, events, receptions and relaxation.

Postgraduate community

Our postgraduate students from across the globe are a vital part of the life of the Department. Groups and individuals within the School collaborate actively with several overseas universities, and there may be opportunities for postgraduates to spend time abroad while studying for a higher degree. Students can discuss the possibility of taking the second year in Moscow as part of the energy programme, subject to discussions with the programme coordinator, agreement with Moscow and any further requirements depending on student’s background.

The University of St Andrews embraces its responsibilities for the future, by placing sustainable development at the heart of its operations along four integrated fronts: governance, teaching, research and sustainable estates management. The idea is to integrate sustainability into day-to-day thinking and decision-making processes of the University. New buildings and major refurbishments of existing buildings are being designed to meet strict environmental standards. The £1.7m SALIX energy fund is helping us to achieve this. The dedicated Estates Environment Team of professionals works closely with Schools and Units to raise awareness and understanding of operational sustainability issues.

The University is working with a range of key stakeholders to promote sustainable development across the higher education sector. As an active member of the Environmental Association for Universities and Colleges (EAUC) the University shares learning across the higher education and further education sector.

Transition University of St Andrews is part of a UK-based initiative, which has been expanding worldwide over the last five years. Through working on practical projects with different community groups, the initiative helps communities minimise their impact on the planet, become more self-sustaining, and strengthens community ties. A number of MSc students in Sustainable Development have participated in Transition’s activities which complement a number of themes pursued in our teaching programmes. www.st-andrews.ac.uk/students/advice/greenliving/greentransition

Careers

Recent postgraduates have obtained doctoral, postdoctoral and lecturing positions in leading universities around the world, while others have jobs in environmental management, market research, health research and the oil industry.

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Sustainable Development
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History

Features

* With around 50 staff, we can offer an unusually broad and varied portfolio of research expertise.
* With many vibrant seminar series across the School, students have numerous opportunities to hear and meet top scholars from the UK and beyond.
* We have a friendly and collegial atmosphere, in which our postgraduates are actively involved. Social events run throughout the year, starting with a Welcome Reception, and including parties organised by the different Departments, Centres and Institutes.
* Our large postgraduate community includes around 90 research postgraduates and a further 50 taught postgraduates.
* We have a strong commitment to providing skills training to enhance the employability of our postgraduates.
* We are committed to the provision of language training throughout the degree; we also offer up to six language bursaries to incoming postgraduates wishing to develop skills essential to their research.

Postgraduate community

The University of St Andrews is one of the world’s Top 50 Arts and Humanities universities (Times Higher Education 2015-2016) and home to a major centre for postgraduate historical study. Building on excellence in individual research, the School has expertise across the Medieval, Early Modern and Modern periods, and a wide geographical coverage. Our research interests range from sixth-century Scotland to Iran in the early twenty-first century (and innumerable other places in between). We have particular strengths in Middle Eastern, Transnational, British, Continental European and US History; as well as groupings focused on Reformation Studies, Environmental History, and Intellectual History. As befits Scotland’s oldest university, the School is also a leading centre of Scottish historical research.

The School of History occupies three sites in the heart of the historic town of St Andrews. All are within a few minutes’ walk of each other, and of the University Library:

• On tree-lined South Street and close to the ruins of the Cathedral, most Medievalists and Reformation Studies colleagues are based in a charming seventeenth-century town house and the adjoining mediaeval residence of the Hospitallers.
• St Katharine’s Lodge is a nineteenth-century former school (attended by Field Marshal Earl Haig) close to St Andrews Castle and the magnificent West Sands beach.
• Middle Eastern History is in the Arts Building, which opened in 2008, with elegant new teaching and work spaces.

Facilities

• The University Library provides extensive collections for use in historical study, including an outstanding Special Collections facility, and continues to make substantial investment in materials, including electronic resources, each year.
• Computer facilities are also readily available within workspaces and University clusters.
• A scheme of competitive scholarships and bursaries is in place to support selected postgraduates financially.
• Language bursaries are available (through a competitive scheme) to enable students new to St Andrews to gain language skills in the summer before starting their postgraduate study.
• All History postgraduates at St Andrews receive financial assistance annually from the School of History specifically to subsidise research expenses.
• Postgraduate students can apply for material support for the organisation of conferences and seminars; this has led in the past to successful events and subsequent publication.
• Social events run throughout the year including the Welcome Reception, a Christmas Party and a Champagne Brunch at graduation. Students may also attend annual Reading Parties and enjoy the opportunity to meet visiting speakers over dinner after research seminars.

Class sizes range from individual supervision in Directed Reading modules up to classes of approximately 12 for compulsory modules.

Careers

Following a taught postgraduate course in History at the University of St Andrews, students go on to pursue careers in a range of sectors including journalism, publishing, think tanks, government, law, and teaching. Others continue in academia, moving on to a PhD.

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The School of History is the largest School within the Arts and Humanities at St Andrews, and one of the largest such Schools in the UK.
International Relations

Features

* There are over 40 academic members of staff in the School.
* International Relations was ranked top in the UK in Guardian University Guide 2016.
* There is a large and vibrant postgraduate community, with over 85 taught postgraduate and 80 research students in any year, which includes a large proportion of international students.
* We have an established reputation throughout the world for high-quality teaching and research.
* We have specialist areas in international security, international theory, terrorism studies, peace and conflict, international institutions, and regional studies including the Middle East, Central Asia and Southern Africa, and international theory.

It is the only School of International Relations in Scotland and one of the few that exists in the UK.

The discipline of International Relations is both theoretical and practical. Academics teaching in the discipline are frequently called upon to apply their insights to the realities of international relations. They provide expert judgements in the media, give advice to legislatures or governments, or provide non-governmental organisations with briefings on specific issues or countries.

International Relations is a distinct discipline that draws on diplomatic history, political theory, political economy, political science and international law to provide theoretical perspectives to explain the processes and patterns of international affairs in the modern world. This enables you to assess developments in the international system and specific geographic regions. You will explore issues such as the origins of war and peace, foreign policy making, international trade, international terrorism, human rights, international organisations, international law, and the interaction of political and economic development. You also analyse the ways in which states relate to other international actors, and develop normative theories that relate the world as it is to the world as it might be. All of these have practical applications for you as both a citizen and a potential decision maker.

Postgraduate community

International Relations has been taught at the University for 25 years; a Department was created in 1990 which became a School in its own right in 2003. We are located at the centre of the University, occupying a purpose-built building which opened in 2008.

All International Relations modules taught on our MLitt programmes are distinctive options available only to postgraduate students. At the same time you are incorporated into the wider research life of the School, taking part in our regular lecture series organised by our research centres.

Class Sizes

Lectures: 20 - 30
Seminars: 1 - 15

International Relations postgraduates may find employment as policy makers within national and EU civil services as well as political research units. Fieldwork-based jobs with aid agencies, other NGOs or journalism also present employment opportunities. With the increasing globalisation of industry, commerce and banking, the particular knowledge and awareness of the International Relations postgraduate are particularly relevant.

Contact

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T: +44 (0)1334 462945
Management

Features

★ We have approximately 40 staff involved in teaching in the School, with additional visiting lecturers and guest speakers.
★ Four teaching staff were shortlisted and two won University of St Andrews teaching awards.

We have a student population of approximately 670 undergraduates, 230 taught postgraduates and 40 PhD students.

Postgraduate community

The School of Management has a truly international feel with staff and students from over 40 countries, representing a wide diversity of cultures and interests. This international aspect of your postgraduate studies will allow you to become familiar with cross-cultural issues and to develop personal business contacts across Europe, India, North America and the Far East. The student Management Society organises a broad range of activities, both subject related and social. The University also has a number of other student societies relating to the Management discipline.

The concept of responsible enterprise informs our teaching and research on:

★ managing within organisations
★ the impact of human enterprise on the environment
★ the interaction between forms of investment and social and organisational impact
★ the need to foster creativity and development.

Accountability, governance, sustainability and ethics are key to our understanding of and engagement with a wide variety of organisations – private, public and social.

Our world-class research makes a significant contribution to our teaching in the School. We work as a supportive community to ensure that our students think and engage critically with subject matter, both practical and theoretical, developing their abilities and their skills in analysis, synthesis, evaluation and application.

Location

The School of Management is located in the Gateway Building on the North Haugh which is set in an open green space close to the beach, halls of residence, sports facilities and the town centre. The Gateway has state-of-the-art lecture and seminar facilities as well as an extensive private study area for students. In addition, there is a public café on the ground floor of the building with views of the famous Old Course golf course and the North Sea.

Teaching methods

The taught elements of the programmes are delivered through approximately 12 hours per week of staff / student contact. We use a range of delivery methods, including lectures, small group tutorials, workshops and seminars. Our average lecture size is 30 students, however, in some cases there will be seminars of 15-18 students or larger lectures with up to 100 students, which would normally be augmented by small-group tutorials. There is also a weekly series of lectures and workshops for all students focusing on research methods and other topics to help prepare for the dissertation. Communication and teamwork skills are developed through discussion-based group work, oral presentations, student-led facilitations and written work.

Masters Extra (MX) Programme

The Masters Extra (MX) Programme focuses on careers and personal/professional development, is open to all Masters students in the School of Management and complements your academic programme of study. This series of talks, workshops, networking opportunities and activities includes guest lectures from leading academics and experienced managers. Participants earn a Certificate in Career Development through regular attendance.

Assessment

Assessment on the taught postgraduate programmes is normally via a combination of coursework including individual written work, group presentations, class tests and examinations. You then undertake a dissertation, for details see page 28.

Careers

Alumni from the School of Management have secured employment in the fields of general management, marketing and brand management, accountancy, investment analysis, fund administration and other aspects of the financial services industry. Graduates have taken up these roles in a wide variety of organisations in the public and private sector including: Accenture, Amazon, AXA Insurance, Bain and Company, Barclays, Blackrock Global Investment Management, BP Amoco, Credit Suisse Group, Danone, Deloitte, EasyJet, Ernst and Young, Google, Greenpeace, Halifax Bank for Scotland, IBM, KPMG, McKinsey, Nomura Bank, PricewaterhouseCoopers, Procter and Gamble, and Unilever. In addition, a number of past graduates have gone on to do research or to study for a PhD both at St Andrews and elsewhere. The School works closely with the University’s Careers Centre (page 26) to prepare and assist you in selecting future career options.

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The School was also rated 1st in Scotland in the Complete University Guide (2nd in UK) and 1st in Scotland in the Guardian (4th in UK).
Mathematics & Statistics

Features

* Opportunities to work closely, and undertake project work, within a world leading research group.
* Access to a wide range of advanced MMath courses across the entire spectrum of Mathematics and Statistics, and the opportunity for independent study.
* The School is well equipped with computer facilities (including a powerful parallel computing cluster) and an on-site library.

The School has 36 permanent staff members and 53 postdoctoral and honorary research staff.

Careers

A postgraduate degree in mathematics or statistics from St Andrews opens the way for a variety of careers. Many of our graduates hold positions at leading universities and companies in areas as diverse as business administration, computer science modelling, fisheries laboratories and pure mathematics. Our recent graduates at Masters and Doctoral level have, amongst other things:

- Moved on to further postgraduate or postdoctoral studies.
- Joined the academic staff of leading UK or international universities.
- Found highly-paid positions in analysing finance for large consulting firms and major financial institutions, for example: American Express, Aquila Insight, Aviva, Capital One, Goldman Sachs, PwC, Royal Bank of Scotland, Scottish and Southern Energy, and Tesco Bank.
- Found rewarding and challenging positions in the computer industry.
- Found academically rewarding positions and careers in government agencies, including, for example, GCHQ.
- Joined government and non-governmental organisations to advise wildlife and conservation managers, including, for example, the Wildlife Conservation Society (WCS).
- Improved their mathematics qualifications, enhancing their positions and prospects in the secondary and tertiary education sectors.

Contact

E: maths-research-enquiries@st-andrews.ac.uk (general enquiries) or maths-msc-enquiries@st-andrews.ac.uk (for MSc Mathematics) or maths-pgstats@st-andrews.ac.uk (for Statistics programmes)
T: +44 (0)1334 462344

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The School of Medicine employs about 150 staff in either full- or part-time contracts, with some staff jointly employed by the University and the NHS. The School is both teaching- and research-active, and engages postgraduate students in both taught and research postgraduate programmes.

Teaching

Our postgraduate teaching courses are establishing themselves as highly regarded and popular schemes of applied learning. The mix of taught theory, skills development and research training has been recognised externally as featuring high quality components.

The School also teaches approximately 500 undergraduate medical students in total on our three-year BSc (Hons) Medicine course. After graduation from St Andrews these students go on to complete the clinical phase of their Primary Medical Qualification training at one of our six partner medical schools, and subsequently graduate as a medical doctor.

Since 2010 the School has been located in purpose-built accommodation on the North Haugh in St Andrews. The building is home to the staff offices, research labs including communication studies interview rooms, data coding room, teaching facilities and a café.

The School is consistently ranked very highly in national student satisfaction surveys for the quality of its teaching and research and the overall student experience.

Equal opportunities

The School is committed to equal opportunities and values all applicants. The School holds an Athena SWAN Bronze accreditation, demonstrating our commitment to equality and the advancement and promotion of the careers of women in science. This is in addition to working on diversity initiatives to help ensure fairness in the workplace for all staff and students.

The University of St Andrews is committed to promoting equality of opportunity for all, which is further demonstrated through its working on the Gender and Race Equality Charters and being awarded the Athena SWAN award for women in science, HR Excellence in Research Award and the LGBT Charter; www.st-andrews.ac.uk/hr/edi/diversityawards

Dedicated study space within the Medical and Biological Sciences building for students registered for our Masters courses.

Careers

Career prospects for graduates of the MSc in Global Health Implementation include practical/clinical, policy, and academic positions. The job market is competitive and additional international experience is often very appealing to employers.

Students enrolled on the MSc in Health Psychology go on to employment opportunities in the NHS Psychological or Public Health Services or join health services research programmes. Some individuals go on to the Stage 2 qualification route to become qualified Chartered Psychologists of Health Psychology or obtain a studentship for a health-related PhD programme.

Contact

E: pgmed@st-andrews.ac.uk
T: +44 (0)1334 463601

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Modern Languages

Features

* There are six language departments (Arabic and Persian, French, German, Italian, Russian, Spanish) providing discipline-specific programmes plus collaborative programmes in Comparative Literature and Cultural Identity Studies.
* Strong international collaborations through the Erasmus Mundus Masters programme (with partner universities in Argentina, Canada, England, France, Italy, Mexico, Poland, Portugal, and Spain).
* Current postgraduate population of 35 PhD students and some 20 students on various taught programmes.
* A diverse and international student body from across Europe, North America, the Middle East, the Far East, and Africa, as well as the UK.
* Strong emphasis on integration of taught and research postgraduates, in particular through the postgraduate seminar series, postgraduate organised workshops, and the annual postgraduate conference – all postgraduates are encouraged to participate in all of these.
* Strong emphasis on students’ personal development, as programmes are designed specifically to promote the transition from undergraduate to more autonomous postgraduate approaches to study and research.
* The recently revised structure of the MLitt programmes combines an integrated interdisciplinarity with subject specific contextualisation, and a broad-based knowledge is developed towards in-depth specialism as the course progresses.
* Particular attention to more practical personal development in the compulsory module Research and Professional Skills, which provides instruction and training in a range of skills useful for an academic career and transferable to other professions.

The School of Modern Languages has 40 full-time academic staff and 11 language teaching staff, from 15 different countries.

Class sizes

Class sizes vary as some modules are common to a number of programmes and so have more students in them, whilst others may be more specialised and therefore smaller.

The largest size for lectures will be no more than about 20. Seminars may vary from ten students to individual one-to-one teaching.

Careers

Many of our postgraduates go on to careers in the academic field, as university teachers, researchers or administrators. Others find employment in other areas, for example as cultural advisors, translators, or in the public or civil service. Recent graduates have secured posts such as university teachers in the UK and Germany, research assistants, a postgraduate recruitment officer, at GCHQ, a professional translator, an adviser to the CBI, and a subtitler for television.

Contact

E: pgmodlangs@st-andrews.ac.uk
T: +44 (0)1334 463670

Postgraduate community

Whilst the six departments in the School of Modern Languages retain their individuality, the School as a whole is very well integrated, with collaborative teaching within and across departments, and this is reflected in the postgraduate community as well. Students on different MLitt programmes will all take some compulsory modules together, and all postgraduates, MLitt, Masters Mundus, and PhD students are encouraged to attend the large number of research seminars and workshops which take place in the School, as well as organising their own specific events. The size of the School and the number of postgraduates provides a friendly informal setting conducive to interdisciplinarity and discussion of ideas and issues in a thought-provoking but relaxed and supportive environment.
Philosophy

Features

* In the latest Philosophical Gourmet Report produced by Brian Leiter the St Andrews and Stirling Graduate Programme was ranked the third best Philosophy programme in the UK www.philosophicalgourmet.com
* Between 40 – 50 taught postgraduate students are admitted each year, drawn from the UK and around the world.
* Over 35 dedicated full-time Philosophy staff in the SASP programme work in a broad spectrum of disciplines.
* There is an annual reading party in the Scottish Highlands for all taught and research postgraduates and staff.
* One of the most respected international philosophy journals, The Philosophical Quarterly, is edited from St Andrews.

The St Andrews and Stirling Graduate Programme (SASP) is an internationally recognised programme for Philosophy.

Postgraduate community

SASP is taught by the Philosophy departments in the universities of St Andrews and Stirling. The philosophy graduate programmes of St Andrews and Stirling are fully merged for all postgraduate degrees.

St Andrews and Stirling together form Scotland’s premier centre for philosophy and one of the top philosophy schools in the United Kingdom. The philosophical ambience is intense, friendly and co-operative.

The research programme is enhanced by a busy programme of conferences, workshops and visiting speakers from universities in the UK and from abroad.

Every MLitt student is assigned an adviser at the beginning of the year. They provide you with individual guidance on essay planning, essay writing, academic conduct, and where appropriate, advice on how best to apply for a PhD place.

St Andrews has a weekly seminar run by and for the research students to which everyone is welcome. The programme also supports and encourages a wide range of student-led reading groups.

If you wish to brush up on your knowledge of logic, or if you have limited prior experience in this area, the SASP programme also runs an additional weekly seminar, Basic Logic, throughout the year.

The student Philosophy Society (PhilSoc) boasts a lively programme of stimulating talks and events throughout the year and attracts a regular following from across the University.

There is an annual reading party for postgraduate students and staff. The party provides an opportunity for you to present your work in an informal and relaxed setting.

Location

SASP is primarily based in the Philosophy Department of the University of St Andrews, housed in Edgecliffe, a nineteenth-century building with beautiful views out over St Andrews Bay. The Class Library provides a quiet space for personal reflection and study.

The Department of Philosophy in Stirling is housed in the Pathfoot Building located at the University’s campus in Stirling. The campus is set in the beautiful eighteenth-century landscaped gardens of Airthrey Castle.

The teaching for the MLitt programme takes place in St Andrews except for teaching on the compulsory modules in Semester 1 which takes place at the University of Stirling. A coach provides comfortable transport for the one day per week visit.

Assistance with funding your studies

Philosophical Quarterly bursaries

SASP funds a number of bursaries for students in the MLitt programme courtesy of generous funding provided by the Philosophical Quarterly.

Applicants who wish to be considered for an award should submit their application by mid-March 2017. See: www.st-andrews.ac.uk/~sasp/funding

Careers

The SASP MLitt is a much sought after and highly desirable qualification which is greatly valued by leading employers nationally and internationally.

Contact

E: sasp@st-andrews.ac.uk
T: +44 (0)1334 462487

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Physics & Astronomy

Features

* In the UK Research Excellence Framework 2014, the quality of research undertaken by PHYESTA, the joint physics and astronomy research center of the universities of St Andrews and Edinburgh, was ranked third in the UK and top in Scotland.
* The School of Physics & Astronomy has around 40 academic staff, around 70 postdoctoral researchers, including 7 SUPA, EPSRC, STFC and Royal Society Research Fellows, around 80 research students and around 20 students on taught postgraduate courses.
* The MSc course in Photonics and Optoelectronic Devices is offered in collaboration with Heriot-Watt University, allowing students access to the expertise at both sites.
* Astrophysics students make use of the telescopes at the University Observatory, which includes the largest operational optical telescope in the UK.
* St Andrews has recently opened specialist research labs in photonic microfabrication and in high-resolution condensed matter physics, costing £3.7 million.
* We are a member of the Scottish Universities Physics Alliance (SUPA), whose Graduate School provides a comprehensive range of graduate level courses in physics and astronomy.

World-class research programmes in astrophysics, photonics and condensed-matter physics complement and guide our teaching at all levels.

Postgraduate community

The postgraduate community in the School of Physics & Astronomy includes typically eight students in our Photonics MSc class, ten engineering doctorate students taking photonics, plus around 80 PhD research students. We expect five to ten students on the new Astrophysics MSc. Students on the MSc courses come from all over the world, with a mix of students from the UK, EU and overseas.

You are taught by internationally-leading research experts, and the relatively small size of the School means that there can be real interaction between students and staff. Lecture classes are relatively small, ranging from about 30 students down to groups of just a few. The teaching staff are proud to have the reputation of being accessible to students, and enjoy explaining the excitement of science and its applications to their students. Well-equipped teaching laboratories allow photonics students to explore the science of photonics in “research mode”, and interact directly with academic staff and the School’s early-career researchers. Astrophysics students will be encouraged to obtain their own data from the University Observatory, participate in an observing run to telescopes in La Palma, as well as access data from other international facilities. Computational modelling and data analysis, with support from academic staff and early-career researchers, forms an important part of the programme.

Teaching methods

* Teaching comprises lectures, tutorials, and laboratory/computational work.
* The teaching laboratory offers the photonics students a wide choice of experiments.
* Communication and research skills are developed.
* Work for lecture modules is assessed largely through examinations whereas the laboratory and/or computational work is assessed in a continuous manner. Lecture courses are examined at the end of each semester.
* MSc students select their project topic part way through the course. This is assessed by the submission of a dissertation and an oral exam.
* You are also invited to attend relevant research seminars and departmental colloquia given by departmental research staff, specialists from other universities and specialists from industry.

The combined taught postgraduate class is typically 20 to 25 students, with lectures sometimes shared with our undergraduate final year MPhys class.

Lectures: ~15 to ~30.

Careers

The Photonics and Optoelectronic Devices MSc programme aims to produce graduates with appropriate knowledge, skills and attitudes to go on to be successful in the photonics area, be it in industrial/commercial positions, or undertaking PhD study in universities. Typically half the class will start PhD or DEng programmes after graduation, while the other half will take up industrial and commercial positions. Commercial destinations of graduates from a recent year-group include laser development, sales and marketing with consumer/office optoelectronics, product support of optical metrology equipment, theoretical modelling of photonic structures, university teaching, internship with a national laser lab, and semiconductor optoelectronics research.

The Astrophysics MSc programme aims to provide an entry route to astrophysics research and potentially PhD programmes.

Specific examples of graduate profiles are available at:
www.st-andrews.ac.uk/study/pg/taught-programmes/astrophysics
www.st-andrews.ac.uk/study/pg/taught-programmes/pod-physics

Contact

E: physics@st-andrews.ac.uk
T: +44 (0)1334 463103

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Psychology & Neuroscience

**Features**

* The School of Psychology & Neuroscience has 42 full-time academic staff, 9 technical staff, 72 research postgraduates, 18 postdoctoral researchers and 54 taught postgraduate students.
* The School has an international reputation for the quality of its teaching and research and has some of the best psychological laboratory facilities in the UK. The School of Psychology & Neuroscience has consistently been ranked one of the best research departments in the UK.
* The breadth and variety of psychology and neuroscience taught in the School are particular strengths with significant opportunities to collaborate and benefit from a range of techniques applied to understanding the behaviour of humans and animals.
* Considerable contact time with researchers occurs via tutorials and research project supervision.

**Postgraduate community**

The School’s size promotes a friendly atmosphere with a cross-flow of ideas while providing the depth and breadth necessary to pursue major scientific programmes at an international level. We have active links with other Schools and Departments within the University, with other Scottish universities and with research institutions outside the UK.

We have a large and thriving community of research staff and postgraduate students. We believe that good teaching and good research go hand-in-hand and we take pride in our research-based culture of teaching.

**Facilities**

We are equipped with modern technology to perform virtually all aspects of research in psychology and neuroscience. Facilities include laboratories in neurophysiology, psychopharmacology, psychophysics, animal learning and cognition, cognitive psychology, developmental psychology and social psychology. We have extensive computing facilities for both online control of experiments and offline analysis of data.

**Careers**

We see postgraduate study as part of your long-term career development. Alongside the University’s Careers Centre (see page 26), we offer advice and support in planning your career. The School provides opportunities to gain experience of working in an academic context, by being involved in tutorials, laboratory classes and other aspects of academic work.

The vast majority of our postgraduates have gained postdoctoral and lecturing positions in universities across the world while others have jobs in healthcare (as researchers and clinicians), wildlife conservation, information technology and management services.

**Contact**

E: pgsecpsych@st-andrews.ac.uk
T: +44 (0)1334 462157

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An emphasis on ‘doing’ not just listening: we equip you to ask and answer questions in psychology and neuroscience.

School of Psychology & Neuroscience
Assessment
All taught postgraduate are assessed by coursework, there are no exams. This includes conventional essay work and more independent research-led assignments, as well as some group assessed oral presentations in methods classes.

Class Sizes
Lectures: ~5 – 10
Tutorials: 2 – 6

Careers
Social Anthropology graduates have characteristics many employers seek and a Social Anthropology degree provides openings to a wide range of careers.

- Private organisations: can use the skills of social anthropologists doing research for urban planning, working with health organisations, doing market research for advertising companies, training employees who will be working in international divisions, or working within human resource departments.
- Government agencies: can employ social anthropologists as policy researchers, research analysts, evaluators, managers, planners and policy makers.
- International organisations: can employ anthropologists in projects in various countries around the world as researchers and cultural brokers.
- Non-profit agencies: can employ social anthropologists as advocates, administrators, evaluators and researchers.
- Graduate employers: 70% of graduate jobs are for students from any discipline. Social anthropologists successfully move into teaching, law, finance, HR, marketing, PR etc.

Contact
E: socanthadmin@st-andrews.ac.uk
T: +44 (0)1334 462977

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Programmes and Fee Information*

* Taught Programmes available for 2017 entry. The fee information provided is for 2016-2017 as 2017-2018 fees have not been set at time of going to press. The fees shown are for one year of full-time study, unless otherwise indicated.

Programmes available by Distance Learning (DL) are shown on a white field.

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<th>Programmes and Fee Information</th>
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<th>2016-2017 Overseas Full Time</th>
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<th>MSc 1 yr</th>
<th>MRes 1 yr</th>
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<td>Adults with Learning Disabilities who have Significant and Complex Needs – also PG Diploma – also available per module – both Distance Learning</td>
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<tr>
<td>Greek, Greek and Latin or Latin – see Classics</td>
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† 2015-2016 fee
& by taught module
~ by programme

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The (with English Language) versions of these programmes last 18 months and have a different fee structure.

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<th>Programme</th>
<th>Full Time</th>
<th>Overseas Full Time</th>
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<th>MSc 1 yr</th>
<th>MRes 1 yr</th>
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</tbody>
</table>

* 2015-2016 fee  ^ by taught module  ^^ dissertation module  † MLitt 1 yr  • MSc 1 yr  ‡ MRes 1 yr

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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 (5 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 10 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.google.co.uk/maps

**Air**

The nearest airports are Edinburgh (EDI) and Dundee (DND). More information on flights and connections at: www.skyscanner.net

**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 semesters, 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

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