



University of St Andrews
Scotland's first university – 1413



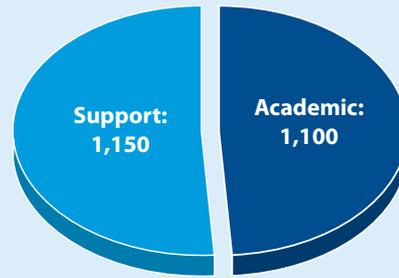
Postgraduate Prospectus Taught Programmes

2016 Entry

Facts and Figures

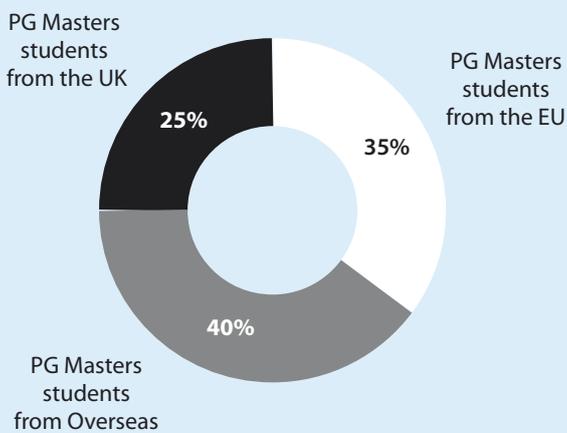


University Staff FTE (Full Time Equivalent) as of 31 July 2014



Student FTE (Full Time Equivalent) as of October 2014

Undergraduates	6,654	
Postgraduates (PG)	1,552	
- Masters total	727	
- Research total	825	



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/

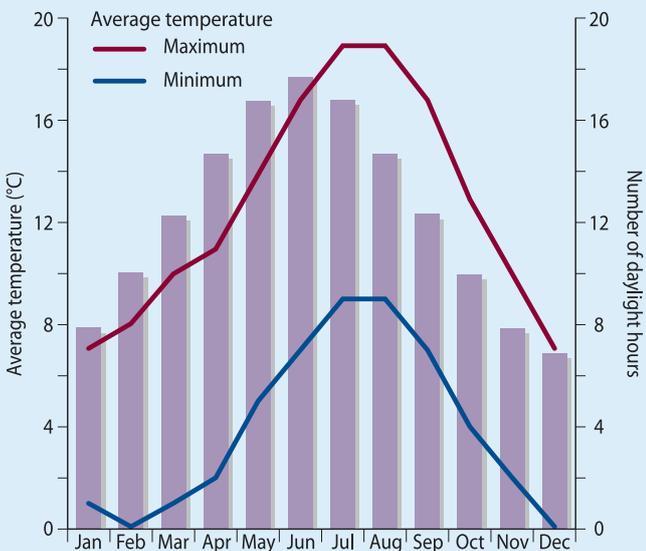
Times Higher Education World Rankings 2014: 111th in the world and 33rd for Arts and Humanities

QS World Rankings 2015 – 88th (out of 800)
Research output ranked as 'Very High'
15 subjects were ranked in the top 200:

- 14th** Philosophy
- TOP 51-100**
 - Chemistry
 - English
 - History
 - International Relations
 - English Language & Literature
 - Modern Languages
- TOP 101-200**
 - Biological Sciences
 - Earth and Marine Sciences
 - Economics
 - Geography
 - Materials Science
 - Physics & Astronomy
 - Psychology
 - Statistics

42% PG Masters students in University-maintained accommodation

St Andrews weather



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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 1,000 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 Louise Richardson FRSE
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.

We do our very best to support students in all their Masters (or Taught Postgraduate) activities, from your special Induction event in September 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 lively 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 11 November 2015 and
Wednesday 9 March 2016

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 many 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 contact to arrange a suitable date.

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

E: altvisit@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

Web chats

Web chat 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

A Week in the Life

Jacqueline

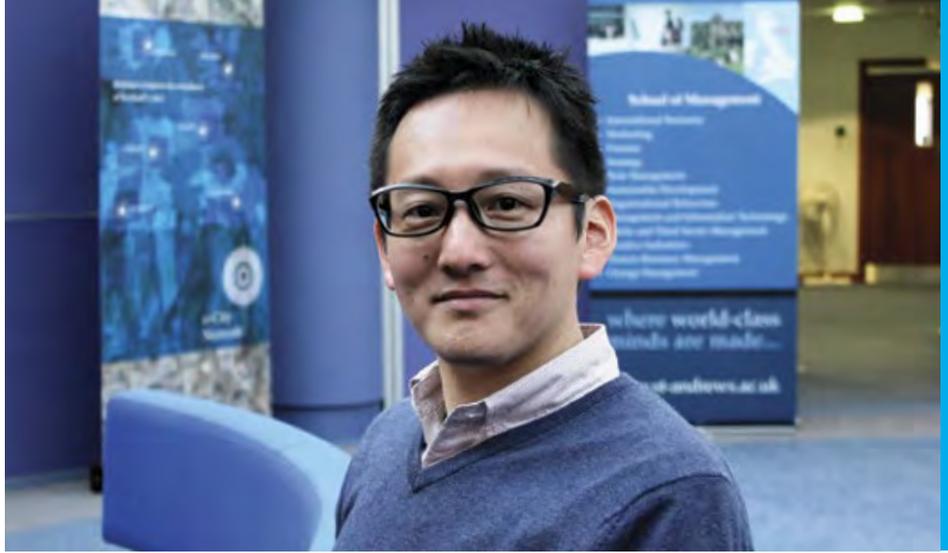
(Stuttgart, Germany)
MSc Health Psychology



	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9-10am	Attend lectures on Health Psychology, Professional Skills & Statistics (usually there's also a guest lecture every week)	Classes in School of Medicine	Lectures or tutorials in the School of Psychology & Neuroscience	Meeting with thesis supervisor	On placement in NHS services (e.g. addiction clinic)	Voluntary work with NHS health psychology departments, developing frameworks for assessing the success of training for dieticians	Cross Country Running Club training
10-11am							
11am-12pm		Lunch in Medical & Biological Sciences Building	Independent study or research into postgraduate opportunities	Voluntary work with Sexpression to help teach others about sexual health	Independent study	Day in Edinburgh with friends or hiking across Scotland	
12-1pm							
1-2pm							Health Psychology seminars or practical sessions with NHS staff
2-3pm							
3-4pm		Running along beach or fields		Preparation for Ethics thesis			
4-5pm							
5-6pm	Online forum discussion on group task				Work out at the gym	Travel to Dundee with friends	
7pm+	Independent reading				Meet with friends		Pub quiz at Students' Union

A Week in the Life

Yasuhito
(Osaka, Japan)
MLitt Management



	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
9-10am		Study at Main Library	Study at Physics Library	Creative Marketing Communication lecture		Play golf at Eden course	Walk along coast	
10-11am								
11am-12pm	Accounting & Finance tutorial							
12-1pm		Meeting – Human Resource Management group task	Dissertation lecture	Lunch at the Gateway	Creative Marketing Communication tutorial			
1-2pm				Meeting – Creative Marketing Communication group task	Study at Physics Library		Lunch at Soooshi	
2-3pm	Accounting & Finance lecture	Human Resource Management lecture	In-sessional English language class*					
3-4pm								
4-5pm						Study at Physics Library		
5-6pm								
7pm+	Telephone meeting – foundation of new society	Gym – Sports Centre	Golf club social	Advanced tennis	New society meeting	Tennis volunteer; meet classmates	Make dinner with flatmates	

* See page 12 for further information

Applying to St Andrews

How to apply

When?

Our online applications open in early autumn.
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 places are full and will be detailed in the programmes information page www.st-andrews.ac.uk/study/pg/options/taught/programmes

You can apply to a postgraduate programme of study while still completing your first degree. Any offer made would then be conditional based on attaining the required final result or classification of your undergraduate degree and, where relevant, providing evidence of 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 recognised UK university or the equivalent in a subject-related area. Country-specific information can be found at: www.st-andrews.ac.uk/study/entrance-requirements Any relevant work experience or qualifications will also be taken into consideration.

These qualifications listed are our minimum requirements for entry. Some academic Schools will ask applicants to achieve significantly higher marks than the minimum standard. Some programmes require students to have studied a specific subject and these are detailed under entrance requirements in the subject specific pages 28-114.

English language requirements for postgraduate study

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

* Recognised qualifications, but not for UKVI purposes.

Overseas students sitting an English language test are required to take the IELTS test for UKVI (UK Visas and Immigration) purposes. For EU or UK students, we accept a number of other qualifications as above and on our webpages: www.st-andrews.ac.uk/elt/entry/postgraduate



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 course. See www.st-andrews.ac.uk/elt/presessional for details.

Test scores must be notified to the Postgraduate Registry Team before you arrive in St Andrews. You may also be offered a place on one of the University's Pre-sessional programmes as an alternative means of satisfying our English language entry requirements (see English Language Teaching page 12).

Required documents

An application to St Andrews is not considered complete until copies of the following documentation 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.
- Written work. Applicants to Art History, Classics, Divinity, English, Film Studies, History, International Relations, Modern Languages, Philosophy, Psychology & Neuroscience and Social Anthropology should submit a sample piece of written work (no more than 2,000 words).
- Evidence of English language proficiency (required if English is not your first language).

The Schools of English, Film Studies and Biology 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



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 such things as 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 the 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

Deferred entry is not normally allowed.

We recommend that you apply in the year that you wish to begin your postgraduate taught programme with reference to 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 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 handles 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/apply/taught

The University's approach to the revision of programmes and modules

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:
pgrecruitment@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/Department which you may later apply to.

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 (more usual)
- MFA, MPhil or MRes (less frequent)



MLitt and MSc

Master of Letters (Arts or Divinity subjects)

Master of Science (Science subjects)

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 computer laboratory work as appropriate to the material.

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

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

MRes

Master of Research

Number of credits: 120 credits of taught modules plus a dissertation (15,000 words)

Length of study: One calendar year (full time)

How will I be expected to study?

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

Dissertation

The dissertation is a major element of these (MLitt, MSc and MRes) Masters programmes. The dissertation 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 students 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. 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?

Currently only available for application in the following areas:

- Ancient History, Classical Studies, Greek, Latin, Museum and Gallery Studies
- Sustainable Aquaculture
- Terrorism and Political Violence
- Sustainable Development

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.

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

 @StAPgFunding

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/usloansforpostgraduatestudents

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
- **States of Jersey Education Committee:** www.gov.je/Working/Careers/UndergradsRecentGrads/FinanceInformationStudents/Pages/FinancePostGrads.aspx
- **Isle of Man Department of Education:** www.gov.im/education

**Postgraduate tuition fee loan (PTFL)**

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 a postgraduate tuition fee loan to help with the cost of their fees. 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 2015-2016, funding was available to eligible students on the following programmes at St Andrews:

- Advanced Computer Science (Artificial Intelligence, Human Computer Interaction, Networks & Distributed Systems, Software Engineering)
- Applied Statistics and Datamining
- Information Technology
- Management and Information Technology
- Museum and Gallery Studies

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: www.st-andrews.ac.uk/study/pg/fees-and-funding/scholarships/recent-graduate-discount

“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)

Scholarships

The University of St Andrews has various 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:

- Choral and Organ Scholarships
- Saints Sport Scholarships
- School of History MLitt scholarships
- School of Modern Languages Awards

Funded or co-funded by the University of St Andrews

Examples include:

- Asfari Foundation Scholarship
- Carnegie Cameron Bursaries
- Chevening Scholarships
- Commonwealth Shared Scholarship Scheme
- Music Scholarships
- Ransome Scholarships
- Saltire Scholarships

External scholarships and awards

Examples include:

- Bolashak Scholarships
- Clan Donald Scholarship
- Crockett Scholarship for University Study in Scotland
- Fulbright Commission
- 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

 @StAPgFunding

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

Postgraduate living cost loan

Eligible full-time postgraduate students are able to apply to SAAS for a living-cost loan if they are normally resident in Scotland or are non-British EU students. The living cost loan is paid in addition to the tuition fee loan (see opposite). To be eligible for support you must meet certain residence conditions and be studying for a programme which SAAS funds. See the list of the eligible programmes at St Andrews under Postgraduate tuition fee loan opposite. The loan is not available for students on part-time programmes. www.saas.gov.uk/full_time/pg/funding_available.htm

Disabled Student Allowance

Extra help is available 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.

W: www.gov.uk/career-development-loans

T: 0800 585 505

English Language Teaching

Pre-Sessional courses

Before the first semester, English Language Teaching (ELT) provides English and Academic Skills courses designed to help you develop and extend your ability to use English effectively in the context of your academic discipline, and to write and present your ideas appropriately. You will receive feedback on your writing and presentations and have an opportunity to begin to get to grips with idiomatic English and a variety of accents. There are also workshops focusing on grammar or pronunciation.

If you are an international student whose first language is not English, you are strongly recommended to attend the four-week course. Even if you have met the University's language requirements, you will find that the academic language and literacy required for postgraduate study may differ significantly from your Bachelor's degree. These courses offer excellent preparation for academic study as well as an enjoyable orientation to life in St Andrews, the chance to meet other students and become familiar with the University before the semester begins.

How long?

4 weeks or 10 weeks.

Who are they for?

- Students required to attend to fulfil the conditions stated in their offer letter from the University of St Andrews.

OR

- Students whose first language is not English who wish to develop their ability to use English effectively in the context of their academic discipline, with an emphasis on essay and report writing, giving presentations and handling source material appropriately.

OR

- Students who want to improve their understanding of grammar, pronunciation, idiomatic English and a variety of accents.

Find out more

www.st-andrews.ac.uk/elt/preessional

Pre-Masters

How long?

One academic year (three semesters).

Who is it for?

- Those who must attend to fulfil the English Language conditions as stated in their offer letter from the University of St Andrews.

OR

- Those who are applying to a UK university, including St Andrews, to study Management, or business-related programmes, and would like to develop their English language proficiency in the context of their academic subject.

What qualification does it lead to?

Students can graduate with a Diploma or Certificate, according to their qualifications on entry.

Find out more

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



In-sessional English Language Service

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

Who is it for?

Matriculated students looking for language and academic literacy development.

How long?

Available throughout your Masters degree and designed to fit around your taught programme. You may sign up for one-to-one tutorials with a member of our language development team or attend workshops.

Find out more

www.st-andrews.ac.uk/elt/iels

“The 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.

Do not compare yourself to other people

This was some of the best advice I received although can be difficult to follow, especially when I heard people recounting how many words they had written in their dissertations when I was still struggling with the sources. Everyone works differently, and everyone arrives at the course with different experiences and skills. Chatting to other postgraduates in your School or Department is great, but what matters at the end of the day is your own work!



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've 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 many 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 (pictured below).

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 restaurants 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 quaint art 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 has three theatres and shows current blockbusters and art-house films, in conjunction with the University's Film Studies Department. The 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 the St Andrews locality 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 pop down 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 of sunny summer days with contrasting blustery rain, crisp frosts, and the occasional snow in winter. It is much drier than western parts of the country but strong winds often blow in off the North Sea.



180 student societies

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

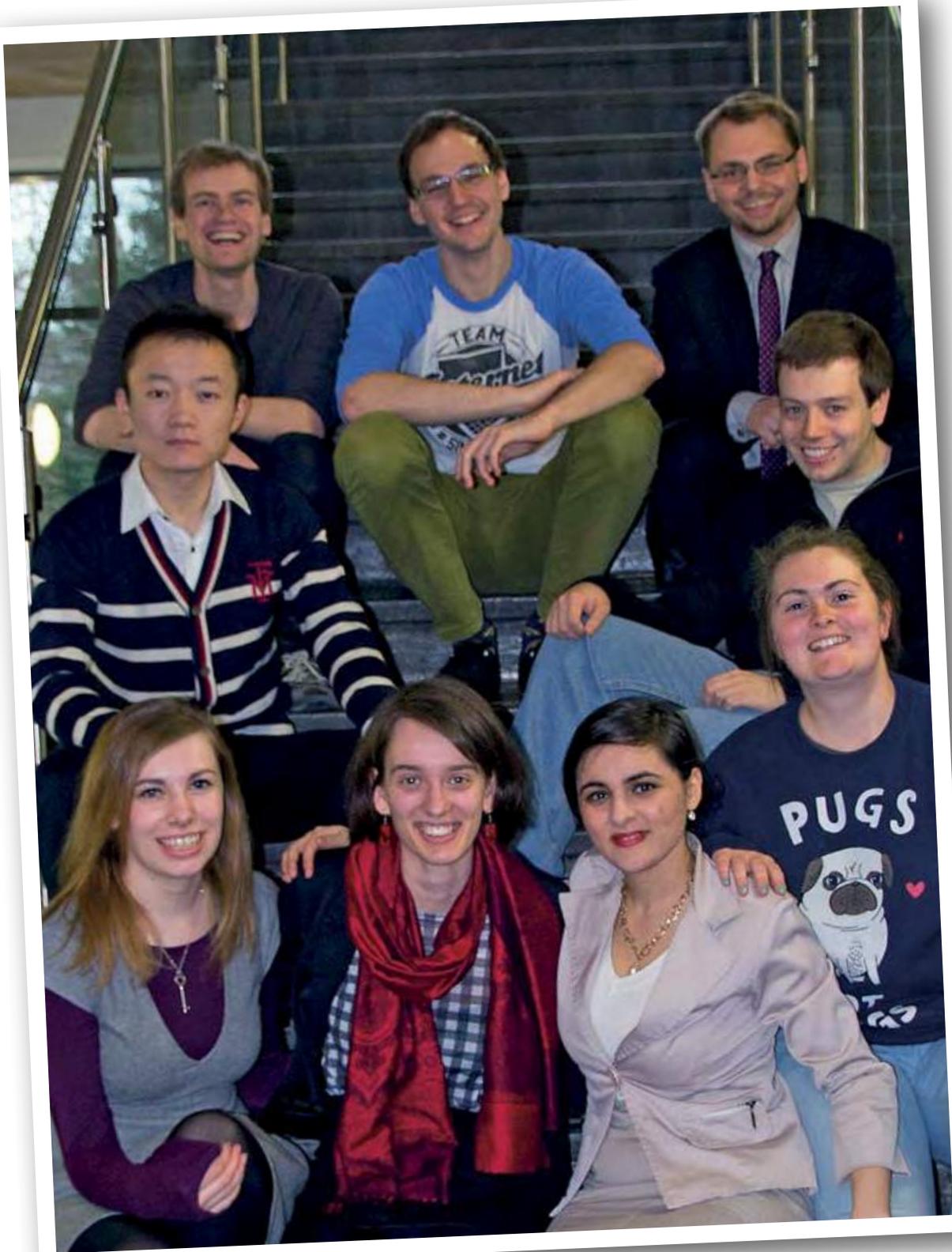
Student societies

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 180 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 freshers.

www.yourunion.net/acvtivities/societies/societiesa-z/

Postgraduate students are also automatically members of the Postgraduate Society (see overleaf).



Postgraduate President

In addition to its historic charm, architectural splendour, academic pedigree, 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 a support network for like-minded yet diverse postgrads 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 Convener, and to host a wide series of social events. Our event calendar includes formal balls, pub nights, movie nights, ceilidhs (traditional Scottish dance evenings), and bus trips to other locations in Scotland. We hope to see you at our next event, and as always you are welcome to join our Committee!

David van Brussel

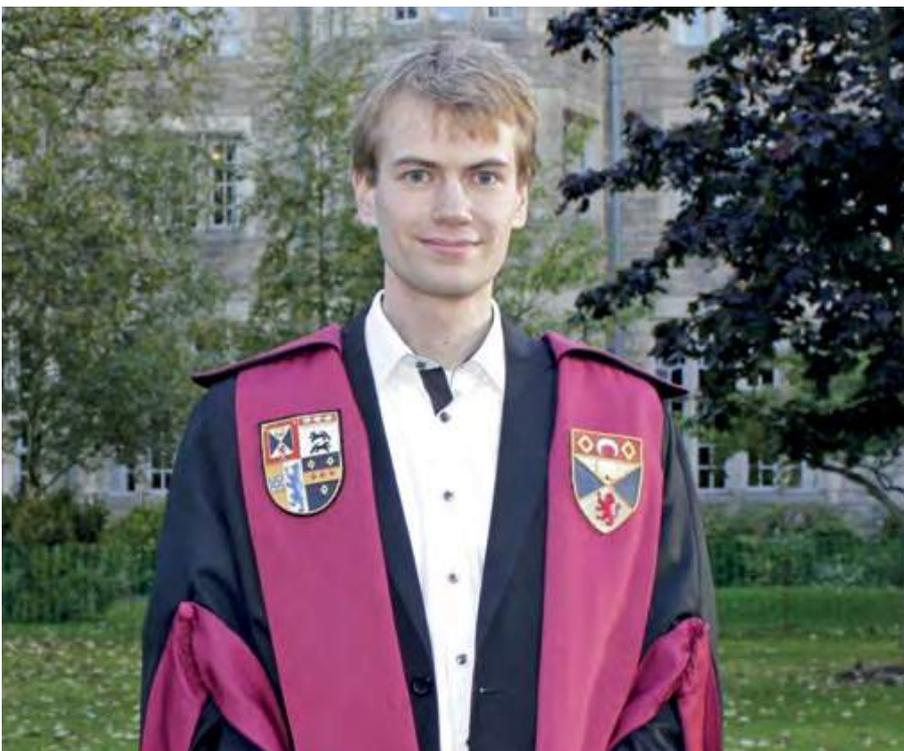
Postgraduate President 2014-2015

E: pgpres@st-andrews.ac.uk

www.facebook.com/pgsoc

www.facebook.com/groups/pgsoc

[@StAPGSociety](https://twitter.com/StAPGSociety)



Sport is a vibrant, exciting and dynamic part of life at the University of St Andrews. With over 50 sports clubs and 100 competitive sports teams, Saints Sport has something for everyone whether you are a complete beginner or an international athlete. We provide expert strength and conditioning support, sector leading volunteering programmes, pre-season and warm weather training camps and excellent recreational opportunities. There is also a vibrant fitness class programme. Membership fees for accessing club sport and fitness facilities can be purchased on a semester or annual basis: www.st-andrews.ac.uk/sport/membership/students

Student sports clubs

Student sports clubs are at the core of Saints Sport. They serve a variety of different interests, from **highly competitive teams** within university-level and national-level league competitions, to **recreational and social activities**, including regular trips across Scotland and further afield. All of this activity is student-led but comes with the support of a number of professional staff and coaches. There is a strong programme of training and support available for students who run clubs. The University also provides volunteering opportunities, from local projects to national programmes and international initiatives.

For more information on any student sport activity and for the relevant contact details please visit the Saints Sport webpages: www.st-andrews.ac.uk/sport

Saints Fitness classes

The Department of Sport and Exercise is proud to offer the recently branded Saints Fitness exercise programme. This vibrant programme of exercise classes is open to all and offers a wide variety of classes to suit all levels and abilities. Classes include **Zumba, spin, kettlebells, cardio workshops, bootcamp** and **yoga**.



Saints Clubs

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





Fitness services

Our team of fitness professionals are here to help. We have a range of services to suit all of your health, fitness and sporting needs, including:

- **Fitness consultation:** for fitness advice and help planning your fitness routine;
- **A personal exercise plan,** custom made to suit your needs;
- **A fitness bundle:** a cost-effective solution for those on a budget (includes fitness consultation, three-person training sessions and an exercise plan);
- **Personal training,** either as one-on-one or group sessions;
- **Strength and conditioning support** to improve sports performance.

Performance sport

The University of St Andrews is committed to the pursuit of academic and sporting excellence. We have eight Directors of Sport: Rugby, Tennis, Volleyball, Fencing, Football, Water Polo, Golf and Boat. We also have Head Coaches in various sports such as Hockey and Netball. Particular attention is paid to developing all sports as follows:

- Improving performance through providing excellent opportunities and support structures to allow individuals and teams to fulfil their sporting aspirations, with a particular focus on Scottish Student Sport (SSS), British Universities and Colleges Sport (BUCS) and other national and international events and leagues;
- Growing participation by providing high quality training and competitive experiences that attract students to take part in sport while at university;
- Outreach and sustainability through providing educational and volunteering experiences that enhance employability and the sustainability of future sport development.
- For more information visit: www.st-andrews.ac.uk/sport/performance

Sports scholarships

The University of St Andrews supports individual student athletes studying at St Andrews and competing on the international stage. Typically there are five £1,000 scholarships offered per year.

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

Golf scholarships

The University of St Andrews receives an annual grant from the Royal & Ancient to part-fund a golf development programme for talented golfers. This is one of the leading golf programmes in the UK, and is open to any matriculated student who reaches the required standard.

For more information visit: www.saintsgolf.co.uk

Volunteering and outreach

The benefits of volunteering are many and varied, from employability and improving skills and knowledge to boosting self-esteem and making friends. As such, Saints Sport provides a large range of volunteering opportunities as well as access to projects through partners. Projects are offered at the local, national and international level. The UK Sport Ideals group, Saints Volleyball Outreach, and the recently launched Saints Stellenbosch Outreach represent a great opportunity to spend portions of the summer months coaching sport and raising awareness of local issues.



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 Wardennial 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.



How and when to apply

You are able to apply for accommodation at our halls of residence or managed properties after 1 April 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

Opening hours: Monday-Friday 9.30am-4.30pm

For further information on what our residences can offer you, including current accommodation prices and how to apply, please visit:

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

“I have worked for three years in the Wardennial team at David Russell Apartments and Fife Park, the largest and most diverse student residence, with over 100 different nationalities represented. There are 12 Assistant Wardens under the management of a Deputy Warden and a Head Warden. We report to Student Services, but also work closely with Residential Services, Catering, various student committees and societies, and the Security Team.

There are around 250 en-suite rooms especially for postgraduate students, allowing you to mix with like-minded people. On-site we have two laundry rooms, car parking spaces, a bar and bistro, along with a computer suite, games room, music room and a bookable room for functions.

There are different postgraduate events, such as a cheese and wine party to help you meet others studying in St Andrews. Each summer we organise trips to places of interest, such as Edinburgh, to provide a change of scene for you and to take time out from studying.

As well as being a useful source of information, we deliver welfare, pastoral and community-building initiatives for our residents. We are here to listen to you; we are experienced at supporting you in adjusting to your life in St Andrews, and deal with a range of enquiries, personal, physical and emotional, not just those related to your living environment. We are confidential and non-judgemental, and always do our best to support you.”

Wei Lin
Assistant Warden and International Officer
and Language Tutor, Admissions

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. The Support Adviser has experience of teaching and supervising postgraduate students so is 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/student-services



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. 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 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

Free part-time pre-school education places are available for all three to five year olds. For more information contact the Five Childcare Information Service or ask your childcare provider. There are a number of nurseries and schools in and around St Andrews for you to choose from.

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.





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 (produced once you have completed matriculation during your first week). Please see: www.st-andrews.ac.uk/students/money/bankaccounts

Registering with a doctor and dentist

All students are required to register with one of three local General Practitioners (GPs) when you first arrive. This is done by filling out the application form that can be found at Step 6 here: www.st-andrews.ac.uk/newpgtaught

Within St Andrews is the St Andrews Community Hospital. This is able to treat minor injuries. The nearest Accident & Emergency (ER) is at Ninewells Hospital in Dundee (16 miles).

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

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 continuing on to do 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

 @StAndrewsUniLib

 www.facebook.com/StAndrewsUniversityLibrary



IT Services

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 that you can access the systems and services you need. We have wireless access across more than 95% of the University's buildings. You will be provided with a St Andrews account which gives you access to computing facilities including the University's student email service Office 365, UniPrint, internet access, learning materials and e-resources, as well as 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.

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 Library and are on hand for those occasions when you might need a little more help. They can give you support online, by email, over the phone and in person. If you find that your personal IT equipment is in need of repair, we also have a PC clinic, where, for a reasonable 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 and RefWorks are 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/

Follow us on twitter:

 @StAITServices



Careers Centre

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.

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

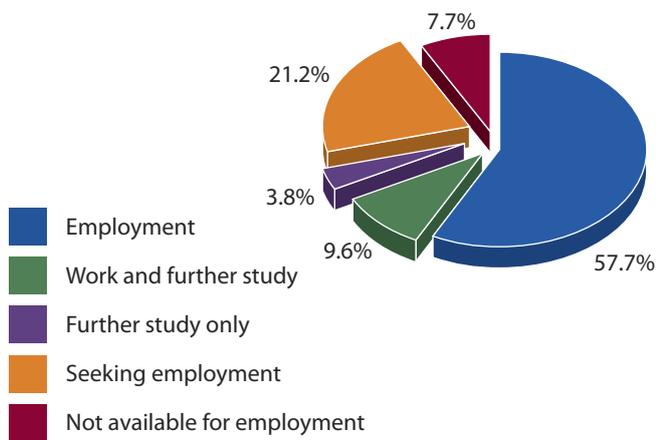
See also: www.st-andrews.ac.uk/careers/#cc-choices

“I was actually offered my job whilst undertaking my MSc thesis at the University of St Andrews. The role involves building and maintaining economic and market reports using various technologies such as C++, in-house database technology, HTML 5, JavaScripts – Mootools and JQuery. I particularly enjoy the innovation aspects of my job and the scope for career development. I would say that key aspects in my success were my previous work experience and the new knowledge learned from studying at St Andrews.”

Ziyang Peng
MSc Software Engineering (2011)
Software Engineer, FactSet



2012-2013 Taught Postgraduate Destination Statistics* (for EU, including UK, graduates)



* Source Higher Education Statistics Agency

“I noticed Capco’s advertisement on the Careers Centre webpages and remembered that the name sounded familiar. I realised that I had seen it before on the Times Top 100 Best Companies to work for list and it was ranked as number 27. My particular degree was very relevant to my role as it had quite a large emphasis on strategy which is very useful. Moreover, the soft skills acquired from team work activities and doing presentations are very useful as a consultant. Writing a dissertation is also a good exercise as I learned how to process a huge amount of information, digest key data and turn it into much more manageable content, which is a very valuable skill in consulting as you always face large quantities of very complex and industry specific information that at first seems like a completely different language.”

Anya Pramayudyani
MLitt in International Business (2011)
Consultant, Capco

Useful career-related websites

Careers Centre
www.st-andrews.ac.uk/careers

TARGETjobs
www.targetjobs.co.uk

Graduate Prospects
www.prospects.ac.uk

What Do Graduates Do?
www.prospects.ac.uk/wdgd

“My Masters degree in Management gave me an excellent grounding in the theory underlying business and management decision-making. However, in addition to this, the Careers Centre gave me the support to transition this academic knowledge into practical skills.

Six months after graduation, I was offered a role with The Student Housing Company in St Andrews. This position has given me the opportunity to apply what I’ve learned in a professional context. Even more exciting, I’m able to use the skills I developed to provide accommodation for other St Andrews students.

The Careers Centre gave me support from day one, helping me to revise and improve my CV, develop applications for positions of all kinds, and even find other opportunities to build and develop employable skills.

I am really glad that I chose to study at St Andrews, both for the high quality of education, and for the excellent additional support and opportunities that are made available to students and alumni.”

Alex Baldwin
MLitt in Management (2014)
The Student Housing Company, St Andrews

Masters Degree options

MLitt (One Year – Full time)

Coursework & 15,000-word Dissertation

Art History
History of Photography
Mediaeval Studies*
Museum and Gallery Studies

* School of Art History staff also contribute to the teaching of the **MLitt in Mediaeval Studies** run by the St Andrews Institute of Mediaeval Studies (SAIMS) housed in the School of History – for details see *Interdisciplinary Degrees* – page 74.

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

Art History
History of Photography
Museum and Gallery Studies
National Trust for Scotland Studies

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

Entrance Requirements

See page 6 for *University of St Andrews postgraduate entrance requirements*.

Specific Entrance Requirements

A degree in the history of art is strongly recommended but is not an essential requirement for admission to the Art History or History of Photography course of study leading to the MLitt.

For Museum and Gallery Studies you should have a good first degree and preferably some museum work experience. We accept not only students who have studied art or art history, but also graduates in any other discipline relevant to museum work, such as history, archaeology, anthropology, physical and natural sciences.

For all degrees in Art History, History of Photography and Museum and Gallery Studies a Personal Statement/Statement of Interest is also required (see page 6).

Other options

Postgraduate Diploma (Nine Months – Full time, also available part time over two years)

Museum and Gallery Studies

Contact

E: pgarthist@st-andrews.ac.uk
T: +44 (0)1334 462414



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.



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 modern periods. We particularly concentrate on the art of late mediaeval and renaissance Italy; mediaeval Europe and the British Isles, including Scotland; nineteenth- and twentieth-century art in Britain, France, Russia and Eastern Europe; 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 (<http://ojs.st-andrews.ac.uk/index.php/nsr>), 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.

“My year as an Art History MLitt student was incredibly positive and inspired me to pursue a PhD here. The MLitt modules I took were engaging and rewarding, while the dissertation provided an invaluable opportunity to hone my research and writing skills. The lecturers, professors and staff also contributed to a very encouraging and supportive atmosphere in the School. I’m looking forward to my remaining years as a research student at St Andrews, and I anticipate that the knowledge and experience I have gained while here will positively affect my future career.”

Meredith (Willimantic, Connecticut, USA)
MLitt, PhD Art History

Research students enrolled for a degree at another institution (usually outside the United Kingdom) may spend a semester or year of study under the supervision of the School of Art History in St Andrews. Upon successful application to the School such students have the same access to supervision, classes, seminars, libraries and computers as other St Andrews research students. This can be thought of as the postgraduate student’s counterpart to Junior Year Abroad programmes offered by many North American institutions at undergraduate level.

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. See also Careers Centre page 26.



Art History

(continued)



The Death of Archbishop Sharpe, John Opie, 1797, oil on canvas
(Courtesy Museum Collections, University of St Andrews)



From left to right: the Mace of the Faculty of Canon Law (mid-15th century), the Mace of the Faculty of Arts (completed 1418-19) and the Mace of St Salvator's College (1461)

MLitt in Art History / History of Photography

These degrees are designed to allow students the maximum choice of specific modules. The History of Photography module choices are slightly more constrained than Art History. The majority of these modules are offered each year according to staff availability and sufficient student demand. We recommend that you confirm with the School that the courses of interest will be available during the period in which you plan to attend St Andrews as not all modules are available every year.

Sample of module options

- *Art after the Holocaust*
- *Art Historical Resources and Methods*
- *Aspects of Art and Politics in Late Twentieth-Century Art*
- *Art and Politics in the Trecento*
- *Bibliography for Art History or History of Photography*
- *Imperial Lens: Readings in Nineteenth-Century Asian Photography*
- *Musing the Museum*
- *Issues in Photographic Criticism*
- *Paragons of the Northern Baroque: Rubens and Rembrandt*
- *Readings in Art History or History of Photography*
- *Studies in Late Mediaeval Italian Sculpture*
- *The 'New Vision' in Twentieth Century European Photography*
- *School: Images, Spaces, Artefacts and Ideas of Learning*
- *University of St Andrews Photographic Collection*
- *Gothic Manuscript Decoration: Culture and Context*
- *Palladio in Venice*
- *Text and Image in France from Diderot to Dada*
- *Minimalism*
- *Romanesque Architecture*
- *Glasgow Style: Charles Rennie Mackintosh in Context*
- *The Book of Hours in the Late Middle Ages*
- *South German Eighteenth-Century Sculpture*

As a guide to potential availability, examples of these modules currently offered can be found at:
www.st-andrews.ac.uk/coursecatalogue/pg



Class Sizes
Seminars: 4 - 8 students.

Teaching methods

Students take four modules during the two semesters of coursework. We recommend you take the module focused upon methodology and resources. The modules are taught as small-group discussion seminars, with an average size of 4-8 students in each group. There is a minimum of 12 hours' contact time for each 30-credit module. Additionally, there may be class trips where relevant to the taught modules and there is a research seminar with guest lecturers for all staff and students every two weeks. Across the two semesters, students also participate in a series of skills workshops designed to help prepare for the dissertation element.

Assessment

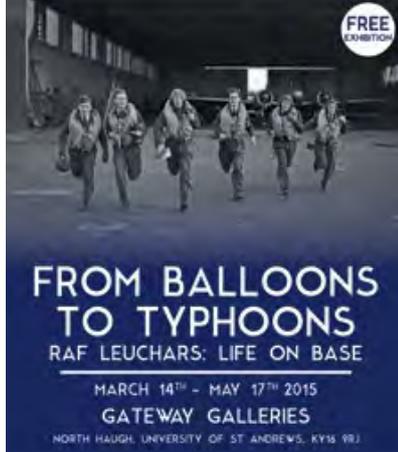
The assessment for the taught modules is based on coursework. Students complete a sequence of research-driven tasks designed to consolidate and extend their knowledge and to develop analysis and writing skills. Assessment components include book reviews, annotated bibliographies, visual analysis and object analysis essays, reading journals and research papers.

The dissertation module provides the opportunity to undertake an independent research project under the supervision of an academic member of staff. The dissertation is researched and written over the summer semester. It is a substantial piece of academic research, 15,000 words in length.



El Lissitzky, *Russland: Die Rekonstruktion der Architecture in der Sowjetunion* (Vienna: Anton Schroll, 1930), cover.
(Courtesy of the University of St Andrews Library, ref. Photo NA1188.L57.)

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg



Poster from an exhibition curated by Museum and Gallery Studies programme students



MLitt in Museum and Gallery Studies

Semester 1	Semester 2
<i>Theory and Practice of Museums, Art Galleries and Related Organisations – Collections in Context</i>	<i>Theory and Practice of Museums, Art Galleries and Related Organisations – Audiences and Management</i>
Whole Year Module	
<i>Project Work (Museum and Gallery Studies)</i>	
Summer	
Dissertation of 15,000 words (for MLitt)	

St Andrews is Scotland's leading centre for postgraduate research and training in the heritage sector and the MGS Postgraduate Diploma/MLitt provides Scotland's pre-eminent museum studies programme. The one-year Postgraduate Diploma is available as stand-alone vocational training or there is an option to present a dissertation on an approved topic for an MLitt degree. These programmes have attracted funding for students from the Student Awards Agency for Scotland and various English and Northern Irish Local Education Authorities as well as the Arts and Humanities Research Council.

The Museum and Gallery Studies programmes prepare you for employment in museums, principally as curators. We ensure that 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 since, especially in small museums, the 'curator' may have to tackle a very wide range of duties. Hence, the principles of conservation, museum education, exhibition planning and design, and various management topics are also included. Two taught modules on the theory and practice of museums provide knowledge of museum systems and practices and understanding of issues relevant to today's museums. These are complemented by project work, including individual museum tasks and the preparation, in a team, of a public exhibition, which enables you to develop relevant practical skills.

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. Close to the School of Art History is the Museum of the University of St Andrews (MUSA), where most of the Museum and Galleries Studies teaching takes place. MUSA includes four display galleries on the ground floor, and on the first floor is a 'Learning Loft' for education and a Viewing Terrace. Students on the Museum and Gallery Studies

programme prepare an exhibition in the Gateway Galleries and the St Andrews Museum. 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

Seminars: 18 - 24 students.

Exhibition teams: 6 - 8 students.

Teaching methods

Students take three compulsory 40-credit modules during the two semesters of coursework. The taught courses are delivered through a mixture of lectures, seminars, practical sessions and visits to museums and galleries. A programme of project work, based on the University Collections or with local museums and galleries, complements the taught element. This incorporates problem-based learning and enables students to develop relevant practical skills and to experience the dynamics of teamwork. There are short taught sessions related to the exhibition element of the project work and regular formal meetings. There is also a series of research methods classes to help prepare for the dissertation element.

Assessment

Assessment is by coursework. Students complete three assignments per module in a variety of formats including an essay, a documentation and database project, an object study, an exhibition or website review, a lesson plan and a management report. The dissertation module during the summer semester provides the opportunity to undertake an independent research project under the supervision of an academic member of staff.

More information about Museum and Gallery Studies can be found at: www.st-andrews.ac.uk/arhistory/prospective/pg/mgs

Masters Degree options**MSc (One Year – Full time)**

Coursework & 15,000-word Dissertation

Ecosystem-based Management of Marine Systems
 Marine Mammal Science
 Sustainable Aquaculture (part time, Distance Learning)

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Other options**Postgraduate Diploma,
Postgraduate Certificate**

Sustainable Aquaculture

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: m scaqua@st-andrews.ac.uk

T: +44 (0)1334 463441

<http://synergy.st-andrews.ac.uk/biopostgraduate/sustainable-aquaculture>



Marine Biology students study the rockpools of St Andrews Bay

Features

- * There are currently 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.



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).

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

On the MSc programmes you complete at least 60 credits per semester full time for a total of 120 credits taught over nine months. The 60-credit research project takes place during the entire year with a full-time focus during the summer months and culminates in the presentation of a written dissertation and a conference style poster.

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 delivering the course. A team of tutors supports students in their learning and provides access to industry experts as part of the online learning experience.

Class Sizes

Classes range from 5 to 20 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 overseas graduates have moved into higher level policy positions in government agencies in their home countries.

Graduates in Sustainable Aquaculture will typically pursue a career in higher level management, research and development or business development within the global aquaculture industry. 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. See also Careers Centre page 26.

“The Masters in Marine Mammal Science course has been a fundamental step for my development as a scientist and an amazing personal experience. The combination of cutting-edge expertise in ecological modelling and a world-renowned team working on marine mammals makes the course a must for whoever wants to pursue a career in Marine Mammal Science. What I have learned in St Andrews in that (intense!) year has provided me with the critical tools to complete my PhD and will continue to shape my work in the future.”

Enrico (Italy)
MRes* Marine Mammal Science

* MRes became MSc in 2015



Dolphin hunting fish at Chanonry Point, Scotland

MSc in Ecosystem-based Management of Marine Systems

<http://biology.st-andrews.ac.uk/emms>

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.

The programme is jointly organised and delivered by two internationally renowned organisations: the Scottish Oceans Institute (SOI) at the University of St Andrews and the Scottish Association for Marine Science (SAMS) on the west coast of Scotland near Oban.

The programme provides intensive expert tuition in the ecology and management of marine systems with a strong practical and research basis. Laboratory and practical fieldwork takes place at field stations in the UK, and includes the use of the SAMS research vessel MV Calanus. Students 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 in St Andrews, with the second semester delivered at SAMS in Oban on the west coast of Scotland (with options of a polar field course in Antarctica or a tropical scientific diving course in Indonesia).

Compulsory modules

- *Ecosystem-based Management of Marine Systems*
- *Marine Systems Research Methods*
- *Quantitative Methods for Biology*
- *Statistical Modelling of Biological Data*
- *GIS for Environmental Management*

Whole year – focus period summer

- *Ecosystem-based Management of Marine Resources Research Project (for MSc)*

Optional modules

Optional modules require a minimum number of participants to be offered.

- *Marine Management, Policy and Planning*
- *Advanced Modelling*
- *Professional Skills*
- *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)

(Please note that the field courses to Antarctica and Indonesia take place at the same time and so students cannot take both these options.)

Research Project (dissertation)

From May to August, students focus solely on their research project 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 will be developed by the student in collaboration with one or more academic supervisors at SAMS or at St Andrews.

MSc in Marine Mammal Science

<http://biology.st-andrews.ac.uk/mms>

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 need to know more about the lives and behaviours of marine mammals, driven by many agendas, coincides with a period in which improving technology is facilitating novel ways to probe the marine environment, and learn more about its inhabitants. As a result, the rapidly developing, and highly topical, discipline of marine mammal science is an area in which many excellent biology graduates seek to conduct research.

The MSc in Marine Mammal Science is the only research-oriented Masters degree in this popular subject worldwide.

It is intended to prepare students fully for a professional career involved with the research into and conservation of marine mammals. It is, first and foremost, a programme in quantitative marine ecology and animal behaviour. The programme 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*
- *Conservation and Management of Marine Mammals*
- *Case Studies in Marine Mammal Biology*
- *Quantitative Methods for Biology*
- *Statistical Modelling of Biological Data*

Whole year – focus period summer

- *Marine Mammal Science Research Project* (for MSc)

Optional modules

Optional modules require a minimum number of participants to be offered.

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

Research Project (dissertation)

The research project takes place during the whole year with a focus period from May to August and contributes one third of the total mark for the MSc. The project is assessed by submission of a research proposal, a written dissertation and a poster presentation. The topic and plan for the project will be developed by the student in collaboration with one or more academic supervisors at SMRU / St Andrews.

Sustainable Aquaculture – Distance Learning

<http://synergy.st-andrews.ac.uk/biopostgraduate/sustainable-aquaculture>

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 University of St Andrews in collaboration with 5m Publishing, owners of thefishsite.com, offer modular e-learning Postgraduate Certificate, Postgraduate Diploma and MSc programmes.

The programme structures

These modular programmes are taught part time via an online e-learning platform offering online tutorial support, direct email contact with tutors, video streams, and access to student bulletin

boards. This structure allows students the maximum flexibility to complete their studies while continuing in their employment.

Compulsory module topics for all modes of study

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

Compulsory for PG Diploma and MSc and optional for PG Certificate

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

Optional modules for PG Diploma and MSc

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

Compulsory for MSc

- *Research Dissertation*

The award of Postgraduate Certificate requires 60 credits gained from a selection of taught modules. The Postgraduate Certificate provides a shorter programme focused either on vertebrate or invertebrate aquaculture species. The compulsory module topics are the same as the first four modules listed above, but specifically are focused on vertebrates or invertebrates. The Postgraduate Certificate is completed by taking two out of the three optional topics listed above.

The award of Postgraduate Diploma requires 120 credits gained from taught modules over an 18-month period and covers all aspects of aquaculture both vertebrate and invertebrate. The course consists of a series of compulsory core modules and a choice of five optional modules matched to students' specific interests.

The award of MSc requires 180 credits including 120 credits gained from taught modules (as for the Postgraduate Diploma) and 60 credits for a research dissertation. Entry into MSc will require students to have completed the Postgraduate Diploma and to have achieved satisfactory grades according to University entrance requirements.

Masters Degree options

MSc (12 Months – Full time)

Written Examinations, Coursework & 15,000-word Dissertation

Chemical Science

Geochemistry – *see Interdisciplinary Degrees – page 74*

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

Chemistry

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Other options

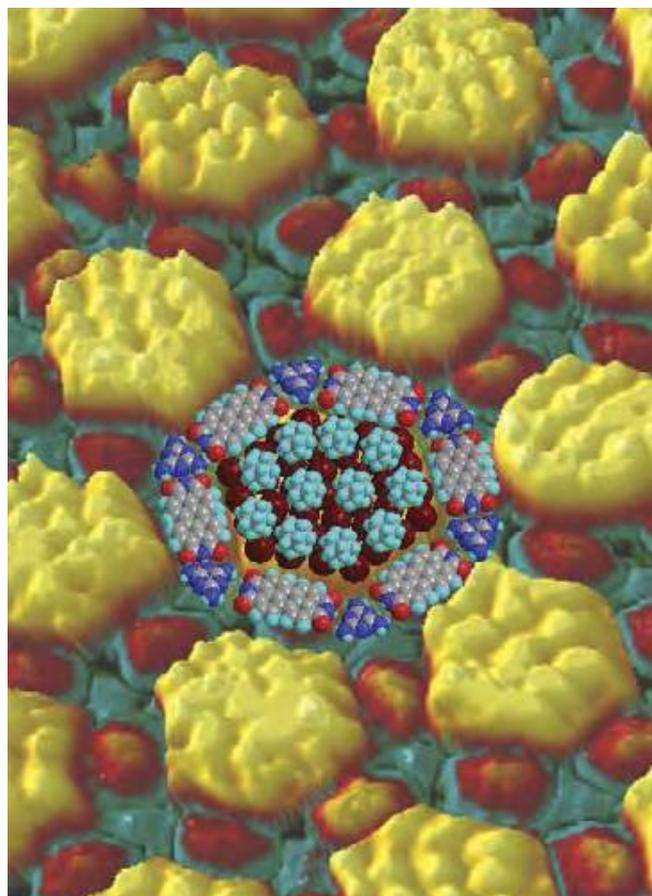
Postgraduate Certificate (in collaboration with University of Edinburgh)

Computational Chemistry and Modelling
(see www.ccm.chem.ed.ac.uk)

Contact

E: chem-pg@st-andrews.ac.uk

T: +44 (0)1334 463800



Features

The School of Chemistry has a student population of around 175 research postgraduates and 96 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*).



The School of Chemistry has 52 full-time academic and academic related staff and 17 technical staff.

Postgraduate community

Our 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. Around 250 publications are produced per year and there are very strong connections with industry across a range of research areas.

We are particularly proud of our strong interdisciplinary links with materials, physics and biomolecular sciences. These collaborations often take place through interdisciplinary research centres such as the Centre for Advanced Materials, the Centre for Biomolecular Sciences, the Centre of Magnetic Resonance and the Organic Semiconductor Centre.

There is an active student-based Chemical Society which hosts guest speakers and organises social events throughout the year.

Chemical research has a long and distinguished history at St Andrews. Chemistry has been taught as a subject since 1811 and the first Professorship in Chemistry was established in 1840. Nobel prize winners Sir Robert Robinson and Sir Norman Haworth carried out their most important research at St Andrews.





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. See also Careers Centre page 26.

MSc in Chemical Science

This MSc programme is designed for those students and professionals who have a degree in Chemistry or an allied subject.

The course is broadly based with flexibility for you to choose from a wide range of modules. Educational 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 a range of analytical, critical, and communication

skills. A key aspect of the programme is undertaking a significant research project for your dissertation. Through this research project you are able 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

- *Research Skills*
- *Literature Review for MSc*

Whole year

- *Contemporary Research Awareness*

Summer

- *Research Project for MSc*

List A – Semester 1 Optional modules (choose four)

- *Homogeneous Catalysis*
- *Asymmetric Synthesis*
- *Advanced Spectroscopic Methods*
- *Nanostructured Materials*
- *Processing of Materials*
- *Organic Chemistry Laboratory*
- *Physical Chemistry Laboratory*
- *Integrating Chemistry*
- *Advanced Metal Chemistry*
- *Heterocyclic and Pericyclic Chemistry*

List B – Semester 2 Optional modules (choose four)

- *Advanced Ligand Design*
- *Advanced Molecular Inorganic Chemistry*
- *Blockbuster Solids*
- *Natural Products, Biosynthesis and Enzyme Cofactors*
- *Reactive Intermediates*
- *Chemical Biology*
- *Molecular Recognition*
- *Surface Science and Heterogeneous Catalysis*
- *Chemical Applications of Electronic Structure Calculations*
- *Energy Conversion and Storage*

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg

Classics

Masters Degree options

MLitt (One Year – Full time)

Coursework & 15,000-word Dissertation

Ancient History
Classical Studies
Greek
Greek and Latin
Latin

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

Ancient History
Classical Studies
Greek
Greek and Latin
Latin

There are exit awards available that allow suitably-qualified candidates to receive a Postgraduate Certificate or Postgraduate Diploma.

Entrance Requirements

Entrants will be expected to hold a 2:1 Honours degree or equivalent in a relevant subject. We will consider applicants with a non-Classics background, and would recommend that you contact the School of Classics as early as possible in this instance.

See page 6 for University of St Andrews postgraduate entrance requirements.

Other options

Postgraduate Diploma (Nine Months – Full time)

Coursework

Ancient History
Classical Studies
Greek
Greek and Latin
Latin

Contact

E: classpg@st-andrews.ac.uk
T: +44 (0)1334 462608 (am) / 462600 (pm)



Features

- * Between 8 and 20 taught postgraduates admitted each year, with a postgraduate community numbering over 30.
- * Friendly but academically challenging departmental ethos.
- * The School of Classics is housed in the centre of the town, adjacent to the University Library, with views out to St Andrews Bay.
- * Vibrant conference and workshop programme.
- * Excellent collections in the University Library, as well as a dedicated class library in the School building.
- * Beginners' courses in Greek and Latin available if you need to acquire a classical language as part of your training for subsequent research.



One of the largest Classics Schools in the UK with 18 permanent members of staff.

Postgraduate community

Our postgraduate community has come together from all over the world. Most choose to come here because of the international reputation of one or more of our academic staff. Others have been attracted by the School's position at the cutting edge in a number of fields, including late antique literature and history, Greek and Roman drama, archaeology, historiography, ancient science and philosophy.

We provide a supportive but rigorous intellectual environment where postgraduates enjoy frequent and intensive tuition from a world-class team of classicists. Many of our MLitt postgraduate students go on to do PhDs at universities in the UK and beyond, while others are working in different fields where the skills they acquired here are invaluable.

We have a strong tradition of integrating all postgraduates into a welcoming and lively environment where regular contact between staff and students is given high priority. An established programme of weekly research seminars allows students and staff to keep in touch with the latest ideas in the field with speakers coming from St Andrews, other institutions in the UK and from overseas. Postgraduate students also hold regular seminars that offer valuable experience in presenting work to fellow students and to staff, providing opportunities to share work and exchange ideas.





The School has its own Library, with 24/7 access for our postgraduate students, supplementing the University Library's major holdings of books and periodicals; the University also provides access to a wide range of important electronic resources, which include JSTOR (an online archive of leading scholarly journals), Oxford Scholarship Online in Classical Studies, TLG, L'Année philologique and many others.

Work in Semesters 1 and 2

All the taught programmes in classical subjects maintain very high academic rigour with maximum flexibility for you. They offer an excellent opportunity to develop research skills, and to prepare for a doctorate, by choosing from a broad range of modules.

All students take a compulsory core module which provides generic skill-based training. The two-hour seminars are held most weeks and cover a range of topics and methodologies essential to research in the relevant field. Assessment is by written and oral presentations; there is no exam.

You may choose to take an intensive language course in Greek or Latin, either at beginners' level or to improve your existing skills. These language modules are taught in classes that meet most days of the week, and are assessed through class tests and a final exam.

We offer a broad selection of thematic modules that enable you to pursue topics related to your intended field of research. Students taking language courses do one thematic module; others take one each semester. These modules are taught through directed reading and five hours of contact time per semester. They are assessed by either two 3,000-word essays or commentaries or one 6,000-word essay or commentary. You are expected to come to these modules with your own ideas about the areas on which you wish to write.

The modules we offer reflect the expert interests of our academic staff, whose academic profiles may be found at www.st-andrews.ac.uk/classics/staff. A list of modules to be offered will be circulated to offer-holders once the staffing position for the year is known. Staff on research leave do not normally offer modules.

Class Sizes

Core module: taught in seminars of 5 - 20 students
Thematic modules: taught in groups of 1 - 5 students
Language modules: in groups of 10 - 30 students



“ Although the MLitt is a taught programme, it also provided scope for a lot of individual research and I was able to focus on topics that interested me the most. This acted as a fantastic step to learning the discipline needed for the PhD programme, along with the research seminars that brought together all the postgraduates. The variety of people makes St Andrews an interesting place to study and the range of societies means that I never have nothing to do! ”

Hannah (Yarm, North Yorkshire, England)
MLitt Greek and Latin

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, such as teaching in schools, law, or museum curatorship. See also Careers Centre page 26.



St Peter's Basilica, Rome

Classics

(continued)



Which programme should you choose?

When we receive an application in the School, we first seek to determine whether we believe that the applicant has the qualifications and evidence to suggest that they will be able to complete one of our programmes successfully. If the answer is 'yes', we make an offer of a place. No programme in our School has a cap on numbers, so we consider, with the applicant, which is the most appropriate programme. Most thematic modules are available for all our programmes.

The **MLitt in Ancient History** is for historians and archaeologists. You will make use of both material and written evidence. You may take a language course in Latin or Greek, which would certainly be useful if you wish to pursue your studies in Ancient History further, but this is not compulsory.

The **MLitt in Classical Studies** looks at the many aspects of the cultures of the ancient world or its reception, primarily from a literary viewpoint. If you have no previous knowledge of Greek or Latin, you must take an intensive course in Greek or Latin language. You may study a language at a higher level if you have previous experience and wish to study the languages further.

The **MLitts in Greek, Greek and Latin** and **Latin** are for students who have studied the relevant language(s) to Honours level, and wish to pursue their study of the language(s) further. If you have studied only one of the languages previously, you may take a beginners' course in the other.

Structure of the MLitt programmes in the School of Classics

Whole Year

EITHER

Themes and Methods in Ancient History

OR

Themes and Methods in Classics

Depending on your programme of study, you also take:

EITHER

Semester 1: 30-credit thematic module*

Semester 2: 30-credit thematic module*

OR

Semester 1: 20-credit language module

Semester 2: 20-credit language module

Plus one 30-credit thematic module* taken in either semester

* Chosen from any of the groups of thematic modules on page 41.

Summer

15,000-word Dissertation (for MLitt)



As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg



All our MLitt programmes offer:

- An opportunity to develop advanced knowledge of particular aspects of the literature, history, archaeology or reception of the cultures and societies of ancient Greece and Rome.
- An excellent training in a classical discipline.
- Instruction in the skills appropriate to postgraduate study, and an introduction to research opportunities and various methodologies currently used in the field.
- Regular tutorials with a tutor who is an expert in the field and provides overall direction and guidance.

Sample of Ancient History thematic modules

- *Integrated Study Abroad (Rome or Athens)*
- *Greek and Roman Warfare*
- *Religion and Society in the Ancient Greek World*
- *Herodotus and Early Greek Historiography*
- *The Archaeology of Religion in Greece (Prehistoric to Late Antique)*
- *Tyranny and Kingship in the Ancient Mediterranean*
- *The Emperor Constantine and the World of Late Antiquity*
- *The Archaemenid Persian Empire*

Sample of Classical Studies thematic modules

- *Ted Hughes and the Classics*
- *Plato on Democracy and Tyranny*
- *The Culture of Roman Imperialism*
- *The Expansion of the Afterlife*
- *The Ancient and Modern Novel*
- *Classical Reception*
- *Representations of Women in the Ancient World*
- *Philosophy in Rome*

Sample Greek thematic modules

- *Greek Tragedy and Athenian Culture*
- *Greek Literature of the Roman Empire*

Sample Latin thematic modules

- *Latin Didactic Poetry*
- *Roman Epic*
- *Late Imperial Literature*

Thematic modules may be chosen from any of the above groups for all programmes except Greek and Latin combined.

The optional modules vary annually and reflect current staff research interests and availability. Students who have been offered a place will be advised in May of the list of optional modules available for their year of study. See page 7 on the revision of programmes and modules.

For a complete list of the modules currently available, see the School's Postgraduate webpage: www.st-andrews.ac.uk/classics/prospective/pg/taught or email the School (classpg@st-andrews.ac.uk).

“ St Andrews was my very first encounter with the UK university system and the academically rigorous atmosphere of Classics made me want to stay around longer. My MLitt programme was intense, but extremely stimulating, providing an excellent opportunity to work together with great people and at the same time challenge myself in a new environment.

The beautiful scenery, cosy but socially lively atmosphere of the town and – above all – the inspiring dynamics of the School (including postgraduates and the staff) made this year an unforgettable experience and was essential for my subsequent progress into PhD.”

Laura (Tallin, Estonia)
MLitt Classical Studies

Masters Degree options**MSc (One Year – Full time)**

Coursework & 15,000-word Dissertation

Advanced Computer Science
 Artificial Intelligence
 Computing and Information Technology
 Human Computer Interaction
 Information Technology
 Management and Information Technology*
 Networks and Distributed Systems
 Software Engineering

* For details see *Interdisciplinary Degrees* – page 74.

Erasmus Mundus MSc (Two Years – Full time)

Coursework & 15,000-word Dissertation

Dependable Software Systems

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

Computer Science
 Artificial Intelligence
 Computing and Information Technology
 Information Technology
 Human Computer Interaction
 Information Technology with Management
 Networks and Distributed Systems
 Software Engineering

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

Entrance Requirements

See page 6 for *University of St Andrews postgraduate entrance requirements*.

Contact

E: msc-admin-cs@st-andrews.ac.uk
 T: +44 (0)1334 463251

**Features**

- * You will be part of a cohort of around 60 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.



You will be taught in a friendly and personal environment, thanks to our very low student:staff ratio of around 9:1.

Postgraduate community

The School of Computer Science at St Andrews is an internationally excellent research School with broad interests in theoretical and practical Computer Science. We have a long history of postgraduate training and research, and graduates from St Andrews are successful in industry and universities throughout the world.

You will have the opportunity to attend lectures and undertake dissertation work with research leaders in our specialist areas: Artificial Intelligence; Computer Systems; Systems Engineering; Human Computer Interaction; and Programming Languages.



Facilities

You will have access to excellent teaching and research laboratories, well equipped with modern systems, as well as specialised high-speed networking and monitoring equipment and three clusters for computationally intensive activities. There is also plentiful space for group working and social interaction. We also have a dedicated HCI laboratory with specialist equipment including a Microsoft Surface 2 and 1, DiamondTouch, Eye Tracker, Optitrack and a range of mobile, tablet and novel interface technologies. In addition, from late 2015, we will have a Microsoft Surface Hub which was recently awarded to members of SACHI.

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.



Financial assistance for taught courses

Student Awards Agency for Scotland: a loan from SAAS 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: Microsoft, Hewlett Packard, Royal Bank of Scotland, Skyscanner, Avaloq, Amadeus, Amazon, Atlas, Avaloq, Barclays, BP, BT, Capricorn Ventis, FactSet, Hailo, Hitachi Data System, Microsoft, OpenBet and Symantec. We also have a number of students who have stayed on to study for a PhD in the School. See also Careers Centre page 26.

“What I really like about our School is the friendly atmosphere. The lecturers are always there for you, ready to hear your questions, issues or suggestions. When I came here I didn't have any academic background in Information Technology, but thanks to the support of not only the lecturers but also of my fellow students I'm having the most amazing and successful university experience.”

Magdalena (Bulgaria)
MSc Information Technology

Computer Science

(continued)



The MSc Programmes

We offer specialist MSc Computer Science degrees in Artificial Intelligence, Networks and Distributed Systems, Software Engineering and a more general MSc in Advanced Computer Science. These degrees provide the chance to study the most advanced topics in Computer Science in a vibrant community of world-class researchers, and require applicants to have a good first degree in Computer Science or strongly related discipline.

We offer MSc degrees in Human Computer Interaction, Information Technology, Computing and Information Technology, and Management and Information Technology. These programmes are aimed at students from all disciplines. There are no computer science undergraduate programme requirements but that is not to say a student with an undergraduate degree in Computer Science would not be accepted onto the programmes. Evidence of previous programming experience is required for the Human Computer Interaction degree.

Our MSc degrees provide students with the chance to study in a vibrant community of world-class researchers. All of our MSc degrees follow a portfolio structure in which you take a designated set of core modules, together with a range of others selected from a common pool.

All MSc students take a Core Skills module, covering essential academic skills. Students taking the specialist Computer Science or HCI degrees also take an Object-Oriented Programming module, to provide a common practical foundation for coursework in the modules that follow. Students on specialist degree programmes take a number of designated modules appropriate to the particular field. With careful module choice, it is sometimes possible to keep open several different specialist options until the second semester.

During the final three months of the course, you undertake an extended project agreed with staff, culminating in writing a substantial individual dissertation. Students on specialist degrees undertake a project in the chosen area.

MSc in Advanced Computer Science

This programme delivers specialist study of computer science at an advanced, research-led level. You have the opportunity to develop and use a range of specialised research skills and methods, and engage directly with advanced topics including, for example, artificial intelligence, networks and distributed systems and software engineering. You also formulate and execute a significant investigative project in order to consolidate and extend your specialist knowledge and critical thinking.

MSc in Artificial Intelligence

This programme has similar high-level outcomes to Advanced Computer Science, while offering the opportunity to focus on topics in Artificial Intelligence, including for example, logic, constraint programming, language processing, machine learning and neural networks.

MSc in Networks and Distributed Systems

This programme has similar high-level outcomes to Advanced Computer Science, while offering the opportunity to focus on topics in Networks and Distributed Systems, including for example, network protocols and technologies, mobile systems, multimedia and distributed systems.

MSc in Software Engineering

This programme has similar high-level outcomes to Advanced Computer Science, while offering the opportunity to focus on topics in Software Engineering, including for example, software reuse, agile development, software architecture and critical systems engineering.

MSc in Human Computer Interaction

This programme provides you with an introduction to Human Computer Interaction. You will develop a critical understanding and advocacy of the user in the development, evaluation, and deployment of technologies. In addition to foundational knowledge of human computer interaction and user-centred design, you acquire practical skills in the process and practice of prototyping and implementation of interactive computing systems along with evaluative skills in the qualitative and quantitative research methods used in evaluation in HCI.

MSc in Computing and Information Technology

This programme provides you with an advanced understanding of Computing and Information Technology. You will develop a critical understanding of the issues associated with using computing systems and their impact on business processes and project management. As well as developing an appreciation of theoretical and research aspects in the field, you acquire practical and evaluative skills in using computing technologies, and developing and maintaining computing systems. The programme also provides the opportunity to develop programming skills, allowing the possibility of undertaking a programming-related dissertation project.



MSc in Information Technology

This programme provides you with an advanced understanding of the issues associated with using Information Technology systems and their impact on business processes and project management. As well as developing an appreciation of theoretical and research aspects in the field, you acquire practical and evaluative skills in using and maintaining Information Technology systems.

MSc in Management and Information Technology

(See *Interdisciplinary Degrees* – page 74).

Erasmus Mundus MSc in Dependable Software Engineering

This programme is part of a two-year degree delivered in collaboration with the National University of Ireland Maynooth and Université de Lorraine Nancy. It provides graduates with knowledge, skill and in-depth technical understanding of the key concepts required to design and build dependable software systems. This is achieved by bringing together the theory and practice of software development and, in particular, through participation in research-driven and commercially relevant projects. The programme aims to equip graduates with a solid grounding in the logical reasoning and problem-solving skills needed for a career in the software industry.

“ Human Computer Interaction (HCI) is an extremely new field and has a very broad spectrum. The expertise and high quality teaching of the lecturing staff within HCI was astounding; they managed to cover so many topics with enough depth that allowed me to find my specialities and preferences. I am now very excited to use these skills in my career.”

Ashley (Droitwich Spa, Worcestershire, England)
MSc Human Computer Interaction



Masters Degree options**MLitt (One Year – Full time)**

Coursework & 15,000-word Dissertation

Bible and the Contemporary World
Biblical Languages and Literature
Scripture and Theology
Systematic and Historical Theology
Theology, Imagination and the Arts

MLitt/MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

Direct entry into the second year of the MPhil programme is allowed in exceptional cases. In such cases there is no coursework preceding the writing of the 40,000-word dissertation. Please contact the Divinity Postgraduate Office (divinity@st-andrews.ac.uk).

MLitt (Part time by Distance Learning)

Bible and the Contemporary World

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Contact

E: divinity@st-andrews.ac.uk
T: +44 (0)1334 462850

**Features**

Scotland's oldest university offers a rich heritage of academic excellence in theology extending from its founding in 1413. Probably the two most important factors in choosing a place for advanced study are the academic staff and the research environment.

- * 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.
- * Four weekly seminars cover Biblical Studies; Religion and Politics; Theology, Imagination and the Arts; Systematic Theology. There are also regular workshops on the theme of Scripture and Theology.
- * Intellectual abilities are promoted as part of a broad package of development, including the enhancement of effective communication and leadership skills, in preparation for your future career.
- * The School is home to the Centre for the Study of Religion and Politics, 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.

**Class Sizes**

Class sizes range from 6 - 12 students in the residential MLitt.



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.

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. Despite 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 such as the Muslim Society or the Pagan Religions Society. On Sundays the University holds an ecumenical service at which prominent people from all branches of the Christian church are invited to preach in the University's St Salvator's Chapel.

Careers

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 positions. This is strengthened by our own alumni who have, over many decades, become established in teaching positions in the United States and Canada. Over 70% of graduates from this programme go on to do a PhD – 60% apply to continue here at St Andrews. See also Careers Centre page 26.

“St Mary's College has been a wonderful place for me to grow in my understanding and love of the Bible. I especially appreciate how many of the staff model an approach to Biblical Studies that is simultaneously broad and deep. Beyond its academic merits, St Mary's is a very easy place to make lasting friendships because of how staff and existing students seek to build relationships with incoming students. Finally, I have been deeply encouraged by the School's constant and earnest effort to make students' experience a positive one.”

**Timothy (San Luis Obispo, California, USA)
MLitt Biblical Languages and Literature, PhD**

Divinity

(continued)



Postgraduates and staff members enjoying a spring BBQ

MLitt in Biblical Languages and Literature

- Focus on the reading of biblical manuscripts and the use of the apparatus of the critical editions of the Hebrew Bible, Septuagint and the New Testament with preparation for research degrees.
- Gain a critically and historically informed understanding of biblical traditions and their textual development.
- Contextualise the various methods and sources employed in biblical scholarship in order to facilitate the use of textual investigations in broader biblical, historical and theological research.

Compulsory modules

- *Textual Criticism of the Hebrew Bible and the New Testament*
- *Hebrew Readings*
- *Greek Readings*

Whole year – focus period summer

- 15,000-word Dissertation (For MLitt)

Optional modules

Optional modules require a minimum number of participants to be offered (see page 7 on the revision of programmes and modules). See list on page 51.

MLitt in Scripture and Theology

- Prepare for further advanced research in the area of Biblical Theology and/or Hermeneutics.
- Deepen your understanding of the relationship between the Bible and both historical and modern theology.
- Bridge the gap between the study of biblical literature and the pursuit of systematic and historical theology with a focused theological curriculum integrating all three.
- Engage in an in-depth study of the method and central themes of biblical theology.

Compulsory modules

- *History of Biblical Interpretation*
- *Biblical Themes*
- *The Origins of Christian Theology*

Whole year – focus period summer

- 15,000-word Dissertation (For MLitt)

Optional modules

Optional modules require a minimum number of participants to be offered (see page 7 on the revision of programmes and modules). See list on page 51.

MLitt in Systematic and Historical Theology

- Engage with the study of Christian doctrine in its historical context and systematic expression.
- 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 modules

- *The Origins of Christian Theology*

Whole year – focus period summer

- 15,000-word Dissertation (For MLitt)

Optional modules

Optional modules require a minimum number of participants to be offered (see page 7 on the revision of programmes and modules).

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

“My MLitt has been the most rewarding year of study that I have undertaken so far. St Mary’s College is a close-knit and supportive environment and offers a variety of high-quality modules. I have particularly enjoyed the structure of the Systematics programme as it focuses on theologians from the patristic, mediaeval and modern periods and still allows for the study of particular topics and doctrines. The academic staff have been excellent and encouraging, and the international and academic diversity of the other students in my course has made for engaging and challenging discussions.”

Lauren (Calgary, Canada)
MLitt Systematic and Historical Theology



Sample List of optional modules for previous programmes

- *Biblical Hermeneutics*
- *Biblical Themes*
- *History of Biblical Interpretation*
- *Hebrew 1: Introduction to Hebrew Language*
- *Hebrew 2*
- *New Testament Greek 1*
- *New Testament Greek 2: Advanced Grammar and Exegetical Applications*
- *Greek Readings*
- *Hebrew Readings*
- *Christian Doctrine and the Arts*
- *Religious Experience and Aesthetic Theory*
- *A Selected Modern Theologian*
- *A Selected Patristic Theologian*
- *A Selected Mediaeval Theologian*
- *The Doctrine of the Trinity*
- *Theological Anthropology*
- *Christology*
- *Theology Special Topic*

MLitt in Theology, Imagination and The Arts

This programme can be a stand-alone qualification (for those wanting to broaden and deepen their understanding of the relationship between theology and the arts) or a natural stepping stone for those considering doctoral research in the field. In particular, the course offers students an opportunity to:

- Gain a theoretically inflected and historically contextualised introduction to the field of theology and the arts.
- Explore how art might facilitate religious experience or serve as a theological text.
- Engage with diverse forms of culture, such as the visual arts, poetry, science fiction and pop music.

Compulsory modules

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

Whole year – focus period summer

- 15,000-word Dissertation (For MLitt)

“Being able to study at such a world-renowned university from a distance is unparalleled. The carefully crafted residency weeks with the intensive taught portion combined with the on going cohort friendships among the students created a fantastic balance of an academically rigorous community both while in person and at a distance.”

Sean (Phoenix, Arizona, USA)
MLitt Bible and the Contemporary World

MLitt in Bible and the Contemporary World

Part-time by Distance Learning: MLitt and PG Dip (Postgraduate Diploma)

- Aimed at both lay people seeking personal development and clergy seeking continued professional development.
- Enables you to think critically about your own and others' professional development and social contexts, with a view to enhancing reflective practice.
- The scope of topics and direct connection with contemporary public issues make this programme unique.
- Entry is available September or January.
- Interdisciplinary between biblical and theological studies, and between these and various other human disciplines in the arts, humanities and social sciences.
- Substantial use of an internet-based virtual learning environment.
- Blended mode of delivery, including short study conference held at the University at the start of each module.

A full-time (one year) version is also available with participation in distance learning and campus-based modules. Part-time distance learners take three modules (one each semester). A fourth, dissertation, module follows for MLitt students. In 2016-2017 the modules will be *Theological Issues in Medical Ethics* (Semester 1) and *The Bible and Contemporary Issues* (Semester 2).

For 2017-2018 modules please see our website:
www.st-andrews.ac.uk/divinity/admissions/pg/distance/calendar

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg

Earth & Environmental Sciences

Masters Degree options

MSc (One Year – Full time)

Written Examinations, Coursework & 15,000-word Dissertation
Geochemistry

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Contact

E: earthsci@st-andrews.ac.uk
T: +44 (0)1334 46940



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

Features

The Department of Earth & Environmental Sciences has 20 full-time academics, 8 research fellows and 4 technical staff members, with a student population of about 170. We have a wide range of expertise in the field of geochemistry 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. Geochemistry research spans investigations into the origins of life, evolution of the Earth and other terrestrial 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 geochemistry, such as *Nature*, *Nature Geoscience*, *Geochimica et Cosmochimica Acta* and *Science*. We are part of the 'IAPETUS' NERC Doctoral Training programme, 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 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.



Coral culturing facility with climate-controlled tanks for investigating rates of calcification under different CO₂ and temperature conditions

Careers

The range of research areas and applications of geochemistry is so broad that career opportunities span the whole of earth and environmental sciences. Geochemists 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. Masters-level training in geochemistry would provide a suitable platform for a career in materials science outside of earth and environmental sciences specifically. MSc Geochemistry graduates are also in demand as specialised research technicians in academic institutes worldwide and as PhD students in geochemistry-focused research. See also Careers Centre page 26.



Lecturer Andrea Burke (in a check shirt) sampling the deep waters of the Southern Ocean with research colleagues during their ocean field work on ocean circulation and the regulation of CO₂ in the atmosphere

MSc in Geochemistry

Geochemistry is at the heart of earth sciences, and provides the techniques and knowledge that allow scientists to answer such fundamental questions as: how has the mantle evolved through time, was there ever life on Mars, what was the chemistry of Earth's and Mars' ancient atmospheres, and what are the rates and drivers of past and current climate change on Earth? Geochemistry has widespread applications to understanding and solving contemporary problems in Earth surface chemistry, such as pollution of soils and water or rates of ocean acidification. It is a forensic part of Earth science and is used to address questions that are both diverse and profound.

The St Andrews MSc in Geochemistry delivers postgraduate-level knowledge and skills training in geochemistry and modern geochemical methods, involving extensive hands-on laboratory training and experience with state-of-the-art equipment. This comprehensive and rigorous course is relevant preparation for pursuing a PhD in geochemistry by incorporating a lab-based research dissertation, as well as employment in industry through incorporation of economic and environmental geochemistry modules. Staff in the Department of Earth & Environmental Sciences and the School of Chemistry contribute to the core laboratory training and teaching within subject modules.

Compulsory modules

- *Introduction to Geochemistry*
- *Environmental Geochemistry*
- *Physical Chemistry Laboratory*
- *Isotope Geochemistry*

Whole year – *Integrated Earth Sciences*

Summer – *Research Project for MSc*

Optional modules

- *Homogeneous Catalysis*
- *Processing of Materials*
- *Energy Conversion and Storage*
- *Blockbuster Solids*
- *Molecular Inorganic Solids*
- *Global Biogeochemical Cycles*
- *Geodynamics*

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg

Masters Degree options**MSc (One Year - Full time)**

Coursework & 15,000-word Dissertation

Economics

Finance

Money, Banking and Finance

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

ContactE: pgt@st-andrews.ac.uk

T: +44 (0)1334 462439



School of Economics & Finance (Chris Young ©)

Features

- * An academic team of 30 composed of world-leading specialists in Behavioural Economics, Decision Theory, Econometrics, Development, Growth, Finance, International Economics, Monetary Policy, and Strategy.
- * 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 staff. 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. Students who complete the taught component, but not the dissertation, are eligible for a Postgraduate Diploma.

Each module typically has 20 lecture contact hours, and four 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.

“St Andrews is really an amazing place for macroeconomics and finance study. Engaging lectures and various seminars lay a solid foundation of monetary policy and finance theories. I can discuss the current global issues with classmates of diverse backgrounds, which pushes me to apply the theories to the dynamic world. Also, economic forums and various business-related societies provide lots of talks and activities. I find myself challenged every day. It is a fantastic academic journey.”

Jinying (Guangzhou, China)
MSc Money, Banking and Finance



MSc in Economics

- You need an undergraduate knowledge of economics, finance, mathematics or statistics.
- The new focus of the programme in Economics is to provide a self-contained, rigorous but relevant learning experience that prepares students either to start employment at a senior level in a wide variety of economics-related activities or to pursue further research.
- Advanced rigorous training in essential elements of an economics Masters degree (macroeconomics, microeconomics, econometrics) is combined with a very wide variety of applications, all taught in very small groups (6 - 12 students).
- Students wishing to pursue a PhD programme will have a bespoke study plan, with the direct supervision of a member of staff with expertise in the student's specific chosen field.

Compulsory modules

- *Macroeconomics*
- *Microeconomics*
- *Econometric Methods and Applications*

Summer – 15,000-word Dissertation (MSc)

Optional modules (choose three) – these vary annually and reflect current student interests

Optional modules require a minimum number of participants to be offered. (See page 7 on the revision of programmes and modules.)

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



Class Sizes

Lectures: ~ 6 - 12
Laboratories: ~10

MSc in Finance

- You need an undergraduate knowledge of economics, finance and statistics.
- 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

- *Investment Analysis*
- *Corporate Finance*
- *International Finance*
- *Portfolio Theory and Management*

Summer – 15,000-word Dissertation (MSc)

Optional modules (choose one*) – these vary annually and reflect current student interests

Optional modules require a minimum number of participants to be offered. (See page 7 on the revision of programmes and modules.)

- *Corporate Governance*
- *Mergers and Acquisitions*
- *Financial Intermediation*
- *Risk Management*

* Students may take optional modules from the Economics MSc programme with the prior permission of the programme director



Class Sizes

Lectures: ~20 - 25
Laboratories: ~20



MSc in Money, Banking and Finance

- 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 and we suggest you look at other programmes offered by the University.
- You will develop 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.
- You will develop analytical skills and competence with empirical tools.
- 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

- *Money and Banking*
- *Monetary Policy*
- *Financial Econometrics*
- *Financial Intermediation*
- *International Finance*

Summer – 15,000-word Dissertation (MSc)

Optional modules (choose one*) – these vary annually and reflect current student interests

Optional modules require a minimum number of participants to be offered. (See page 7 on the revision of programmes and modules.)

- *Corporate Governance*
- *Mergers and Acquisitions*
- *Portfolio Theory and Management*
- *Risk Management*

* Students may take optional modules from the Economics MSc programme with the prior permission of the programme director

“This University has an open intellectual atmosphere with a long history. In the School of Economics & Finance, it is not difficult to find professional teachers and brilliant students. Seminars and conferences are held by famous scholars and economists from all over the world which definitely broaden your outlook. The course has given me the big picture about the banking industry and furthers my understanding of the banking system, mechanism and operation. It has also improved my ability with regard to quantitative analysis, which is helpful for my future career.”

Yu (Zhejiang, China)
MSc Money, Banking and Finance



Class Sizes

Lectures: ~25

Laboratories: ~12



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Masters Degree options

MLitt (One Year – Full time, with part time options available on some programmes)

Coursework & 15,000-word Dissertation (or relevant Creative Writing equivalent)

Creative Writing
 Mediaeval English
 Mediaeval Studies*
 Modern and Contemporary Literature and Culture
 Romantic / Victorian Studies
 Shakespeare and Renaissance Literary Culture
 Women, Writing and Gender

* School of English staff contribute to the teaching of the **MLitt in Mediaeval Studies** run by the St Andrews Institute of Mediaeval Studies (SAIMS) – see *Interdisciplinary Degrees* entry page 74.

MPhil (Two Years – Full time with Taught and Research components)

Coursework & 40,000-word Thesis

Students follow the taught component of one of our MLitts (see above) for their first year and then research and write an MPhil thesis in their second. MPhil applicants should apply through the research degree application route.

Master in Fine Arts – MFA (Two Years with Taught and Research components)

Coursework & for writers of prose, a c. 40,000-word Thesis; for writers of poetry, a c. 40 pp of verse Thesis; for writers for performance, a c. 90 minutes' performance time Thesis
 Students follow the taught component of the MLitt in Creative Writing (see above) for their first year and then research and write an MFA thesis in their second. MFA applicants should apply through the research degree application route.

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Contact

E: pgeng@st-andrews.ac.uk
 T: +44 (0)1334 462668



Features

- * The School of English currently has 32 permanent members of staff, as well as several Teaching Fellows, Honorary Lecturers/Senior Lecturers, and Honorary Professors.
- * The School admits around 30 new taught postgraduate students each year.
- * Research excellence in all periods of English literature from Old English to the present day.
- * Members of the School include winners of the *Queen's Gold Medal for Poetry*, *Whitbread Prize*, *T S Eliot Prize for Poetry*, the *Forward Poetry Prize*, the *Geoffrey Faber Prize*, the *Somerset Maugham Award*, the *Canongate Prize*, the *Petrarca Preis*, the *Prix Zepter Prize* and a *Commonwealth Writers Prize* for fiction.
- * St Andrews is one of only three universities outside the USA in the Folger Institute consortium.
- * The University has one of the highest concentrations of mediaevalists in the UK, united by the St Andrews Institute of Mediaeval Studies (SAIMS).
- * The School is home to the Cambridge University Press edition of *Virginia Woolf* edited by Susan Sellers and Jane Goldman (University of Glasgow), making St Andrews a prestigious international centre for Woolf studies.
- * Members of the School sit on the editorial board of *Forum for Modern Language Studies*, a humanities journal published by Oxford University Press.
- * The School offers Creative Writing classes taught by some of the most highly regarded novelists, poets and playwrights in the UK – John Burnside, Robert Crawford, Oliver Emanuel, Lesley Glaister, Zinnie Harris, Don Paterson, Susan Sellers and Ruth Thomas.



Varied programme of published writers and academics as visiting speakers, giving you the chance to meet some of the leading figures in your field.

Postgraduate community

The School has a vibrant postgraduate community of around 80 students (full and part time) with a dedicated administrator who manages and advises on all postgraduate matters from admissions queries to PhD vivas, ensuring continuity for both postgraduates and staff.

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. The cross-fertilisation of ideas between traditional literary / theoretical research and creative writing provides a uniquely stimulating environment supporting the usual individual meetings between postgraduate students and their supervisors. All taught postgraduates have access to research funds to help offset the costs of attending conferences or other research libraries.



Students are part of a welcoming and lively academic community. There is an active student-run Literary Society and the Postgraduate Forum, where postgraduates meet to present and discuss their ongoing work. Each semester, the School invites distinguished visiting academics and creative writers to lead seminars, lectures and workshops as part of our regular research events.

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. It offers bench rooms with PC workstations for all postgraduates, both taught and research. This lovely nineteenth-century building also has a well-used kitchen, common room and sunny garden. The encouragement of postgraduate study is a special concern of ours, and the number of postgraduate students has grown markedly in recent years.

The University Library has outstanding resources for research in English. The 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 print collection therefore offers an impressive range of opportunities for research in eighteenth-century literature, the Scottish Enlightenment and Romanticism.

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.

Class Sizes

Numbers in our **MLitt programmes** normally range from c. 3 to 10 students. This allows for extremely high levels of individual attention.



Additional application information

All MLitt applicants should submit a sample of written work of around 2,000 words. This must be a critical academic essay (or extract) related to the proposed field of study. Applicants for the MLitt programme in Creative Writing should also include a typed portfolio of original verse, prose or play/screenwriting (around 10 poems or 10-15 pages of prose or play/screenwriting). In addition, all applicants should submit a Supplementary Application Form in place of a personal statement. The form may be downloaded from the website at: www.st-andrews.ac.uk/english/postgraduate/applying/documents

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. These are open to both home/EU and overseas students. Up-to-date information can be found at: www.st-andrews.ac.uk/english/postgraduate/funding

Recent School of English taught postgraduate students have also succeeded in obtaining funding from a variety of external sources in order to study here, including the Marshall Scholarship, the Ransome Trust and Scotland's Saltire Scholarship fund.

Details of these and other scholarship opportunities and initiatives can be found on the University's scholarships webpages: www.st-andrews.ac.uk/study/pg/fees-and-funding/scholarships/taught

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. The Careers Centre offers one-to-one advice to all students on a taught postgraduate course and offers a programme of events to assist students to build their employability skills. For more information see page 26 or visit: www.st-andrews.ac.uk/careers

There is also specific information and support available for those considering doctoral study: www.st-andrews.ac.uk/careers/researchers

English

(continued)



Compulsory module to all programmes

Literary Research: Skills and Resources

This module is compulsory for all MLitt students. There is an alternative version of the module for those taking the MLitt in Creative Writing.

Aim of module:

To initiate you in the understanding and use of the essential skills and resources of research at postgraduate level (and beyond) in English Studies. The module provides preparation for the writing of not only the MLitt but also the MPhil, MFA and PhD dissertations. For MLitt students, this general module complements the specialist research training elements embedded within each individual MLitt.

“Studying for this degree within the School of English has been a thoroughly rewarding experience. The programme offered a challenging and stimulating range of topics on a weekly basis. The staff were encouraging, supportive, and gave consistent feedback on my work and development. I had the opportunity to develop my core research interests across papers and modules, and I feel that this has provided the perfect foundation for PhD study.”

Adam (County Carlow, Ireland)
MLitt Modern and Contemporary
Literature and Culture

MLitt in Creative Writing

- 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.
- Students will participate in a number of theatre visits and will be required to meet costs of approximately £200.

Compulsory modules

- *Research Skills for Creative Writers*

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 (approximately 8,000 – 10,000 words) performance time.

Choose a pair of single semester modules

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

Teaching methods: Seminar and workshop, plus individual tutorials.

Assessment: Coursework essays, original writing, Dissertation.

Contact hours: Weekly seminars and workshops, each lasting 120 minutes.



MLitt in Mediaeval English

- Develop the various intellectual and practical skills necessary for research in the field of mediaeval literature.
- The opportunity to extend and deepen knowledge of English and Scottish literature from the earliest Old English writings through to the close of the Middle Ages.

Compulsory modules

- *Literary Research: Skills and Resources*
- *Reading the Mediaeval Text*

Whole year

- *Old English*
- *Middle English Literature in Context*

Summer – 15,000-word Dissertation

Optional modules

- Special Topic in English
- Other optional modules

Teaching methods: Seminar (and some didactic classes and hands-on practical sessions).

Assessment: Coursework essays, assessed exercises, Dissertation.

Contact hours: Variable from module to module: see individual module descriptions for details.

Please see page 58 for details of the module *Literary Research: Skills and Resources*.



MLitt in Modern and Contemporary Literature and Culture

Students have the opportunity to 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.

- Detailed exploration of a range of topics and texts from the period.
- Enhance textual knowledge.
- Promote thinking about the interconnections between modern and contemporary literature and its historical, cultural and theoretical context.

Compulsory modules

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

Summer – 15,000-word Dissertation

Optional modules

- Special Topic in English
- Other optional modules

Teaching methods: Seminar.

Assessment: Coursework essays, Dissertation.

Contact hours: Fortnightly or weekly seminars for core modules, each lasting 90 minutes; for Special Topics, six hour-long meetings over the course of one semester.

Please see page 58 for details of the module: *Literary Research: Skills and Resources*.



MLitt in Romantic / Victorian Studies

- Explore Romanticism and Victorian-period literature through the study of literary culture from the 1760s to 1900.
- Examine the various conceptions and dimensions of British Romantic-period and Victorian literature and culture, and Romantic and Victorian criticism and theory, up to the present.
- Study various ideologies, such as the idea of childhood and discourses of emancipation in the Romantic period in relation to literary culture, and debates about gender, colonialism, Gothic and aestheticism in the Victorian period.

This MLitt is currently being redesigned for the 2016-2017 session. For up-to-date information on course content, please contact pgeng@st-andrews.ac.uk

Teaching methods: Seminar: group discussion and individual presentations.

Assessment: Coursework essays, Dissertation.

Contact hours: Fortnightly or weekly seminars for core modules, each lasting 90 minutes; for Special Topics, six hour-long meetings over the course of one semester.

Please see page 58 for details of the module *Literary Research: Skills and Resources*.



MLitt in Shakespeare and Renaissance Literary Culture

The Shakespeare and Renaissance Literary Culture MLitt offers an all-round introduction to the literature of the sixteenth- and seventeenth-centuries. It covers both elite and popular writing, the influence of other continental vernaculars, and the importance of print and manuscript media. Students who choose to study at St Andrews will be taught by expert scholars in small groups. The School of English prides itself on its support of student work through detailed feedback and commentary. Our aim is that students should leave the programme more fluent and accomplished writers than they 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 particular focus on the work of William Shakespeare.
- 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.

Compulsory modules

- *Literary Research: Skills and Resources*

And at least three of:

- *The Continental Renaissance*
- *Renaissance Popular Culture*
- *Shakespeare and Textual Culture*
- *Learned Culture: Rhetoric, Politics and Identity*

Summer – 15,000-word Dissertation

Optional modules

- Special Topic in English
- Other optional modules from within the School of English

Teaching methods: Seminar.

Assessment: Coursework essays, Dissertation.

Contact hours: Weekly seminars for core modules, each lasting 90 minutes; for Special Topics, six hour-long meetings over the course of one semester.

Please see page 58 for details of the module *Literary Research: Skills and Resources*.



MLitt in Women, Writing and Gender

- Introduction to key issues in the contemporary discussion of gender.
- Detailed exploration of theoretical, critical and creative writing through a range of historical periods.
- Examine the diversity of women's literary practices across a range of centuries and genres.
- Consider broader historical and contemporary debates in feminism and gender studies.

Compulsory modules

- *Literary Research: Skills and Resources*
- *Women Writing and Gender 1: Victorian to Contemporary*
- *Women Writing and Gender 2: Renaissance to Romanticism*

Whole year

- *Theories and Contexts*

Summer – 15,000-word Dissertation

Optional modules

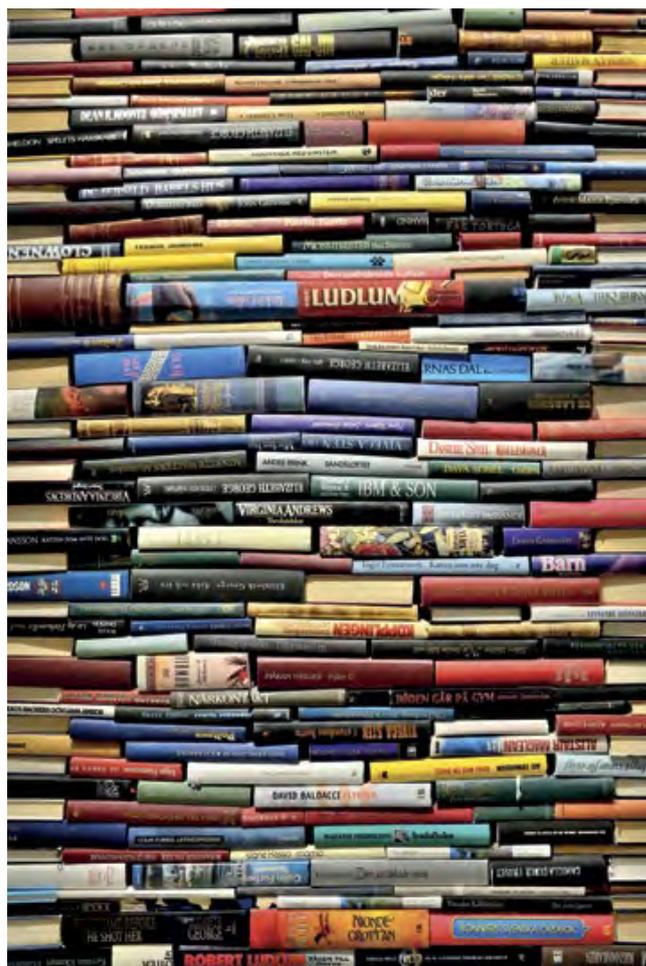
- Special Topic in English
- Other optional modules

Teaching methods: Seminar.

Assessment: Coursework essays, oral presentation, Dissertation.

Contact hours: Fortnightly or weekly seminars for core modules, each lasting 90-120 minutes; for Special Topics, six hour-long meetings over the course of one semester.

Please see page 58 for details of the module *Literary Research: Skills and Resources*.



Film Studies

Masters Degree options

MLitt (One Year – Full time)

Coursework & 15,000-word Dissertation

Film Studies

MFA (Part time with attendance requirement and Distance learning)

Coursework & Dissertation (120 credits) or a practice-related project (which includes a reflexive component of up to 10,000 words).

Up to 30 months for coursework and up to 12 months for dissertation.

Global Cinema: Managing and Cultural Curation

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

Film Studies

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Other options

Postgraduate Diploma (120 credits, up to 30 months)

Global Cinema: Managing and Cultural Curation

Contact

Film Studies

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Global Cinema

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Features

- * Film Studies was ranked first in Scotland for world leading and internationally excellent research in the UK Research Excellence Framework 2014.
- * Senior expertise of high profile scholars, such as Professor Robert Burgoyne, Professor Richard Dyer, Mr Jean Michel-Frodon and Professor Dina Iordanova, all internationally-known and respected leaders in the field .
- * Regular visits from high-profile film critics, film. The most recent have been celebrated Chilean filmmaker Patricio Guzmán, who in April 2015 visited the Department and attended a screening of two of his films, followed by a Q&A session.
- * The new programme in Global Cinema: Managing and Cultural Curation, is offered out of the Institute for Global Cinema and Creative Cultures (IGCCC: www.st-andrews.ac.uk/globalcinema) which capitalise on achievements, global connections and on our reputational advantages as leaders in the study of global culture, film circulation and film festivals.



The youngest department at Scotland's oldest university.

In learning and teaching, St Andrews sets the highest of standards and attracts students from all over the world with understandably high expectations. In its first five-yearly review in 2009, the Department's teaching provision achieved the highest possible commendation. Teaching and research are closely co-related, and postgraduate teaching is informed by the staff's research activity.

At St Andrews, we investigate cinema as a key form of cultural output and as the dominant type of creative expression. Focusing on the global dimension, our programmes cover key aspects of Film Studies through the lens of transnational cultural studies.

Film Studies at St Andrews is committed to questioning the traditional view of what is 'normal' cinema. We attempt to uncover the agendas (be they national, 'western', cultural, commercial, industrial, and so on) 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. There is much to be learned by studying what is produced at the margins



Professor Dina Iordanova



Actor Conrad Veidt in one of the milestones of film history, *The Cabinet of Dr Caligari*, 1920

of dominant societies, in addition to the canonical films of Hollywood and the European art house. We are interested in exploring the ways in which racial, ethnic, religious, and sexual subcultures conceptualise their identities. 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. Similarly, we look at films that focus on transnational communities or appeal to international markets that deal with lesser-known histories and are made in foreign languages but are nonetheless worthy of critical examination and intellectual engagement.

Studying film at St Andrews will help you master a range of advanced research skills and acquire knowledge related to the construction and analysis of the moving image, the past and present day realities of various national and regional film traditions, the dynamics of the global film industry, and the theoretical approaches related to film.

Global Cinema: Managing and Cultural Curation

Offered by the Institute of Global Cinema and Creative Cultures, this programme builds on leading academic expertise in the dynamic circulation of film across international boundaries. Offered in a blended teaching format, the programme is taught by a combination of leading international academics and practitioners. It provides distinctive education and networking opportunities that develop from an understanding of trans-border cultural issues and the dialectical relations within such groups, including global film festivals.

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 multi-cultural 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 students are closely involved in the variety of events taking place at St Andrews including seminar series, workshops and conferences. Specialist training sessions are organised periodically. Postgraduate students also have the chance to participate in organising our annual postgraduate conference and study days in addition to writing book reviews and editing the newsletter of the Centre for Film Studies.

Postgraduate events

Postgraduate students have the opportunity to present their work at the annual postgraduate student colloquium in May, 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. Recent topics have included: Music and Film (2010), Open Access Film Studies (2011), Ethics in Film (2012), Expanded Cinema (2013), and Animation (2014).

Facilities and collections

The Department is housed in its own buildings, in North Street. They are within easy walking distance of the University Library, local cinema and town centre. The Department is well resourced with a dedicated teaching room. 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 1,000,000 print monographs, over 32,000 electronic books, and substantial journal title holdings in print and over 33,900 full-text electronic titles. 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 (for St Andrews-based modules)
Seminars: 4 - 10
Tutorials: individual tuition

Film Studies

(continued)



MLitt in Film Studies

- The opportunity to study Film Studies at an advanced level.
- 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. As a guide to potential availability, examples of modules currently offered can be found at: www.st-andrews.ac.uk/coursecatalogue/pg

Compulsory module

- *Theory and Practice of Research in Film Studies*

Summer – 15,000-word Dissertation (MLitt)

Optional modules

Choose 2 from those available – these vary annually and reflect current staff interests



“ Studying here has taught me a great deal. The lecturers for Film Studies are excellent and I have learnt just as much from fellow students. Since we all come from diverse backgrounds, our different viewpoints have stimulated many fascinating discussions in class and after. The Film Studies Department is a tight-knit community that welcomes everyone warmly. St Andrews has helped me grow intellectually and as a person – I will miss this place when I have to leave.”

Lisa (Geislingen an der Steige, Germany)
MLitt Film Studies

Careers

In our media saturated culture, the opportunities for Film Studies graduates are remarkably diverse. Directly related are careers in academia, creative industries, development, distribution, film festival/cinema programming, and arts administration.

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. Recent destinations include: Junior Assistant Producer, European Tour Productions (IMG Media); Adjunct Instructor, SUNY (State University of New York) at Oswego; Consultant for Propel London Media. See also page 26.

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg



Geography

Masters Degree options

MRes (One Year – Full time)

Coursework & 15,000-word Dissertation

Human Geography

Sustainable Development (*see page 114*)

MSc (One Year – Full time)

Coursework & 15,000-word Dissertation

Geochemistry – *see Earth & Environmental Sciences page 50*

Sustainable Development (*see page 114*)

Sustainable Energy (*see page 114*)

MSc (Two Years – Full time)

Coursework & 15,000-word Dissertation

Sustainable Energy (*see page 114*)

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Contact

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School of Geography & Geosciences

Features

- * The School of Geography & Geosciences incorporates the Department of Geography & Sustainable Development and the Department of Earth & Environmental Sciences and has 40 permanent academic staff, 4 teaching fellows, 28 support staff, 20 research fellows and 49 research postgraduate students.
- * The MRes in Human Geography was introduced in 2012 (Economic and Social Research Council approved for 1+3 studentships).
- * Geography is now the home of the award-winning Sustainable Development postgraduate programmes.
- * Wide range of expertise with particular strengths in health and population geography, Quaternary (ice age) and glacial studies, urban and historical geography, housing and labour markets, biogeography, oceanography, and environmental management and sustainable development.
- * Further strengths in Earth Science research related to the co-evolution of Earth and Life, development of the continental crust, and interpreting the influence of tectonic and climate change on the development of sedimentary systems from the Precambrian to the present.
- * 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).



35 Masters students, including up to 5 MRes Geography students.





As more than half of the world's population is now urbanised, our research on sustainable cities has become increasingly important



Zimbabwean primary school boys undertake participatory diagramming exercise to explore their knowledge of HIV

Postgraduate community

We currently have postgraduate students from across the globe. They are a vital part of the life of the School and contribute in many ways, not least in the widening and deepening of experiences brought to the learning environment. 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.

The Department of Geography & Sustainable Development now offers a suite of Interdisciplinary Degrees in Sustainable Development. For more information on the programmes, see page 74.

Class Sizes

Under 30 students.



Careers

We see postgraduate study as part of your long-term career. We are here to offer advice and also support you in the development of your career, as is the University's Careers Centre (see page 26). There are opportunities for postgraduates to run tutorials, practical demonstrations and other academic work to gain experience of working in an academic context. Others gain practical experience working with companies and governmental organisations.

Recent postgraduates have obtained 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.

MRes in Human Geography

- The MRes programme in Human Geography was introduced in 2012 and is accredited by the Economic and Social Research Council (ESRC) for subsequent doctoral research.
- Taught modules include both skills training and coursework.
- The programme can be tailored to the interests of individual students.
- Funding is available through a variety of channels including research councils, research contracts and University scholarships.
- Dedicated workspace and computing facilities, access to financial support for fieldwork and attendance at conferences.

Compulsory modules

- *Conceptualising Geography*
- *Being a Human Geographer 1 – Theory and Practice*
- *Being a Human Geographer 2 – Research Design*
- *Advanced Geographical Research Methods*
- *Quantitative Research Methods in Social Sciences*
- *Qualitative Research Methods in Social Sciences*
- *Being a Social Scientist*
- *Philosophy and Methodology of the Social Sciences*

Summer – Research Project (Dissertation) (for MSc)

Contact hours: Approximately 100 hours of lectures, seminars and workshops. Up to 40 hours one-to-one supervision over the year.

Assessment: Essays, research/lab reports, presentations, research proposal, research dissertation.

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg

Masters Degree options

MLitt (One Year – Full time)

Coursework & 15,000-word Dissertation

The Book. History and Techniques of Analysis

Central and East European Studies*

Early Modern History

Environmental History*

Intellectual History*

Iranian Studies

Legal and Constitutional Studies*

Mediaeval History

Mediaeval Studies**

Middle Eastern History

Modern History

Reformation Studies

Scottish Historical Studies

Strategic Studies*

Transnational, Global and Spatial History

* The School contributes to the teaching of these interdisciplinary degrees. For details see *Interdisciplinary Degrees* page 74.

** The School contributes to the teaching of this degree which is run by the St Andrews Institute of Mediaeval Studies (SAIMS). For details see *Interdisciplinary Degrees* page 74.

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

All the same topics as MLitts

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Contact

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St Katharine's Lodge

Features

- * With around 50 staff, we can offer an unusually broad and varied portfolio of research expertise.
- * 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.



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.

Postgraduate community

The University of St Andrews is one of the world's Top 40 Arts and Humanities universities (*Times Higher Education* 2015) and home to a major centre for postgraduate historical study. Building on excellence in individual research, the School has expertise across the Mediaeval, 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 Mediaevalists 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.



South Street Building



Arts Building

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

Class sizes range from individual supervision in *Directed Reading* modules up to classes of approximately 12 for core 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. See also Careers Centre page 26.

MLitt in The Book. History and Techniques of Analysis

- 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 active book history research community with the Universal Short Title Catalogue, Department of Special Collections, Book History Online, the St Andrews Book History Conference series.

Compulsory modules

- *Books and their Readers in Early Modern Europe*
- *Directed Reading* (tailored individual course of study)

Summer – 15,000-word Dissertation (MLitt)

Sample optional modules – these vary annually and reflect current student interests

- *Material Bibliography*
- *Early Modern Documents and Sources*
- *Latin for Postgraduate Research*
- *Paleography and Manuscript Studies*

MLitt in Central and East European Studies

See *Interdisciplinary Degrees* page 74

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg

History

(continued)



MLitt in Early Modern History

- St Andrews has one of the highest concentrations of early modern history specialists in the world, and students will receive a high level of specialised supervision in most fields.
- 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 students' previous experience in studying the period from c.1450 to c.1750.
- Many opportunities to undertake advanced study of the period which offer the pleasure of deepening understanding of the period for its own sake, as well as preparing students for doctoral study and providing advanced transferable skills.
- Both broad and deep preparation, including high-level skills training for subsequent doctoral research for students wishing to pursue further study.

Compulsory core module

- *Themes and Debates in Early Modern History*

Compulsory skills training modules – choose two of:

- *Material Bibliography*
- *Early Modern Documents and Sources*
- *Latin for Postgraduate Research*
- *Paleography and Manuscript Studies*

Summer

15,000-word Dissertation (MLitt)

Sample optional modules – these vary annually and the modules on offer in any given year will depend on current staff interests and student choices

- *Directed Reading* (tailored individual course of study)*
- *The European Renaissance*
- *The Creation of an Atlantic World*
- *Religion and Identity in Early Modern Britain*
- *War, State and Society in Early Modern Europe and New Worlds*
- *Society and Religious Change in Sixteenth-Century France*
- *Law, Justice and Community: Court Records and British Society, 1400-1800*
- *Political Thought and Intellectual History*

* *Directed Reading* involves specialist materials. The areas of study available are dependent on the availability of staff with appropriate specialist expertise. Potential supervision areas can be found at www.st-andrews.ac.uk/history/postgrad/taughtpostgrad/modules/MO5602earlymodern

MLitt in Environmental History

See *Interdisciplinary Degrees* page 74

MLitt in Intellectual History

See *Interdisciplinary Degrees* page 74

MLitt in Iranian Studies

- Offers the opportunity to 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.

Compulsory module

- *Themes in Middle Eastern History and Politics*

Summer – 15,000-word Dissertation (MLitt)

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

- *Persian for Beginners1*
- *Persian for Beginners2*
- *Middle Eastern Historical Translation*
- *Iran and the World since 1921*
- *Mediaeval Iran: from the Sasanids to the Samanids*
- *Directed Reading in Middle Eastern History and Culture* (tailored individual course of study)

MLitt in Legal and Constitutional Studies

See *Interdisciplinary Degrees* page 74

MLitt in Mediaeval Studies

See *Interdisciplinary Degrees* page 74



MLitt in Mediaeval History

- 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.
- 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.
- 30-50% of our graduates go on to further study – normally doctoral level.

Compulsory modules

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

ONE OF

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

AND:

- *Historical Sources and Skills* OR a Language module

Summer – 15,000-word Dissertation (MLitt)

MLitt in Middle Eastern History

- Explore in depth a broad variety of historical topics including social, political, cultural and intellectual history of this crucially significant region of the world.
- 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*

Summer – 15,000-word Dissertation (MLitt)

Optional modules

- *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*

“In addition to the valuable research skills I have learned and different methodologies of engaging critically with texts, St Andrews provides a wonderful community where students can freely discuss research and scholarship both inside and outside the classroom. The opportunities available to build strong personal and scholarly relationships with my peers only strengthen an academic environment conducive to success.”

Drew (Memphis, Tennessee, USA)
MLitt Reformation Studies

“Studying History at St Andrews opens up new perspectives and broadens some others. Through specialised courses and directed reading, it allows you to believe that there are as many ways to write and shape history as there are students and scholars studying it. You are well equipped to prepare for greater projects, in academia as well as elsewhere. Above all, St Andrews is a perfect environment and is an unforgettable period of your life.”

Jordan (Montbéliard, France)
MLitt Modern History



MLitt in Modern History

- 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.
- An introduction to history and historiography for students interested in all branches of historical 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)

Summer – 15,000-word Dissertation (MLitt)

Sample optional modules – these vary annually and reflect current student interests

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

MLitt in Reformation Studies

- 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.
- Many of our graduates go on to PhDs, some to work in libraries, museums or other areas of the heritage industry.

Compulsory module

- *Aspects of Reformation*

Summer – 15,000-word Dissertation (MLitt)

Sample optional modules – these vary annually and reflect current student interests

- *Directed Reading in Modern History* (tailored individual course of study)
- *Religion and Identity in Early Modern Britain*
- *Society and Religious Change in Sixteenth-Century France*
- *The European Renaissance*
- *Political Thought and Intellectual History*
- Skills training in two of the following three: Latin; Paleography and Manuscript Studies; Early Modern Documents and Sources.



MLitt in Scottish Historical Studies

- Explore key themes in the study of Scotland's past.
- Focused attention upon one of three time periods develops the understanding and skills required to pursue independent research.
- 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.
- Supplementary classes in Scots, Gaelic, Latin, Old Norse, Anglo-Saxon, French and palaeography are also available.

Compulsory modules

- *Scotland's Past: Writing Scotland from the Middle Ages to the Present*
- *Directed Reading in Scottish History* (tailored individual course of study)

Summer – 15,000-word Dissertation (MLitt)

Sample optional modules – these vary annually and reflect current student interests

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

MLitt in Strategic Studies

See *Interdisciplinary Degrees* page 74

MLitt in Transnational, Global and Spatial History

- An exciting and growing area of study that promotes new transnational perspectives and ways of seeing the past through a more explicit appreciation of scale in space and time.
- Study global trade, the development of networks (large and small), comparative history and cross-cultural encounters.
- 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. Students are strongly encouraged to take advantage of additional opportunities for language study during the year of the course.

Compulsory module

- *Global Times Plural Spaces*

Summer – 15,000-word Dissertation (MLitt)

Optional modules

- *Skills in Transnational, Global and Spatial History*
- *Directed Reading* (tailored individual course of study)

Optional modules taken in place of the Skills or Directed Reading modules may be selected from other postgraduate history programmes with the approval of the programme coordinator. Possible optional modules include:

- *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*

Interdisciplinary Degrees

Degree options

MLitt (One Year – Full time)

Coursework & 15,000-word Dissertation

Central and East European Studies
 Environmental History
 Intellectual History
 Legal and Constitutional Studies
 Mediaeval Studies
 Strategic Studies

MSc (One Year – Full time)

Coursework & Dissertation (*various word counts*)

Geochemistry (*also see page 50*)
 Global Health Implementation (*also see page 92*)
 Health Psychology (*also see page 93*)
 Management and Information Technology
 Sustainable Development (*also see page 114*)
 Sustainable Energy (*also see page 114*)

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

Central and East European Studies
 Environmental History
 Intellectual History
 Mediaeval Studies

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.



Features

The University of St Andrews, as a small institution with a strong unified academic community, is exceptionally well placed to offer students the benefits of interdisciplinary studies. In the contemporary complex world students need to be prepared to call upon a strong background incorporating skills and a wider academic knowledge which crosses the boundaries of the traditional subject silos. Students taking one of our interdisciplinary degrees can be exposed to excellent academic researchers at the forefront of their discipline and will benefit from the rich dialogue that results from a diverse postgraduate class setting.

Graduates from these programmes can expect to have developed effective communication skills, intercultural understanding and the ability to critically analyse information to solve complex interdisciplinary problems. These strengths are valued by future employers and are equally valuable to those wishing to pursue a research career with an interdisciplinary aspect.

- * Unique opportunities to study interdisciplinary subjects in an environment where academics regularly exchange ideas and develop interdisciplinary debate through a vibrant and active seminar, workshop and conference programme.
- * An excellent Special Collections library resource.
- * Our teaching arises from a foundation of world-class research.
- * In our historic town, the academic disciplines are nestled side-by-side stimulating a thriving environment of intellectual discussion between postgraduates, undergraduates and academic staff.



Established interdisciplinary research with international excellence is thriving and productive at the University of St Andrews.



MLitt in Central and East European Studies

- Interdisciplinary study of this culturally rich and diverse region (the eastern half of the European Union, the Balkans, Ukraine, Belarus and Russia) combining the fields of history, politics, and international relations, peace and security studies, languages and literature, and other aspects of artistic representations.
- 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 taught postgraduate modules focusing on International Relations, History, Art 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.

There are no compulsory modules for this programme; the specific taught modules will be chosen in consultation with staff at the beginning of the programme.

Sample modules:

- *Conflicts, Security and Democracy in the Greater Caucasus (40)*
- *The Soviet Union (1917 - 1991)*
- *History in the Making: Theories, Approaches and Practice*
- *Perceptions of Central and Eastern Europe*
- *Central and Eastern Europe since 1945*
- *Themes in Russian 19th- and 20th-Century Intellectual History*
- *Directed Readings in Modern History*
- *Generations in Russian Literature and Culture (40)*

Contact

E: pghist@st-andrews.ac.uk

MLitt in Environmental History

- Engage in historical study of human interaction with the natural world.
- Gain an interdisciplinary perspective on this intellectually urgent field.
- 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.
- Explore multiple dimensions of this significant field of study.
- Firmly root this knowledge in a progressively better understanding of core issues within historiography and methodology.

Compulsory modules

- *History in the Making: Theories, Approaches and Practices* AND EITHER
- *Disease and Environment (c.1500 - 2000)*
- OR
- *Environmental History: Nature and the Western World (1800 - 2000)*

Summer – 15,000-word Dissertation (MLitt)

Optional modules

The following are samples but these vary annually and reflect current staff interests:

- *Charles Darwin and the Politics of Progress in the Natural World*
- *Directed Reading in Modern History*
- *Themes and Debates on War and Modern History*
- *Key Issues in German Historiography*
- *Themes in American History*
- *Perceptions of Central and Eastern Europe*
- *History of Modern Science*

And if not previously taken:

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

Contact

Dr John Clark
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As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg

Interdisciplinary Degrees

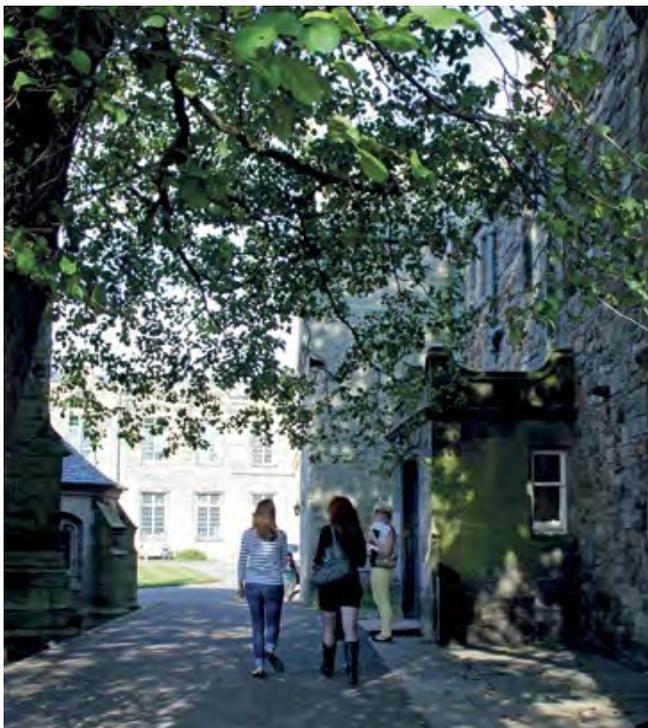
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MSc in Geochemistry

Geochemistry is at the heart of earth sciences, and provides the techniques and knowledge that allow us to solve such fundamental questions as: how did life evolve; what was the chemistry of ancient atmospheres and oceans; how do we understand the rates and drivers of past and current climate change? It is the forensic part of earth science and the types of research questions are diverse and unlimited. This taught MSc degree provides postgraduate-level knowledge and skills training in geochemistry and modern geochemical methods. The course is aimed at providing high levels of practical laboratory skills training and extensive experience with state-of-the-art equipment. This comprehensive and rigorous training is relevant preparation for a PhD in geochemistry by incorporating a lab-based research dissertation, and also for employment in industry through incorporation of economic and environmental geochemistry modules. Core training and subject modules are provided by staff in the Department of Earth & Environmental Sciences and the School of Chemistry.

For further information see page 50.



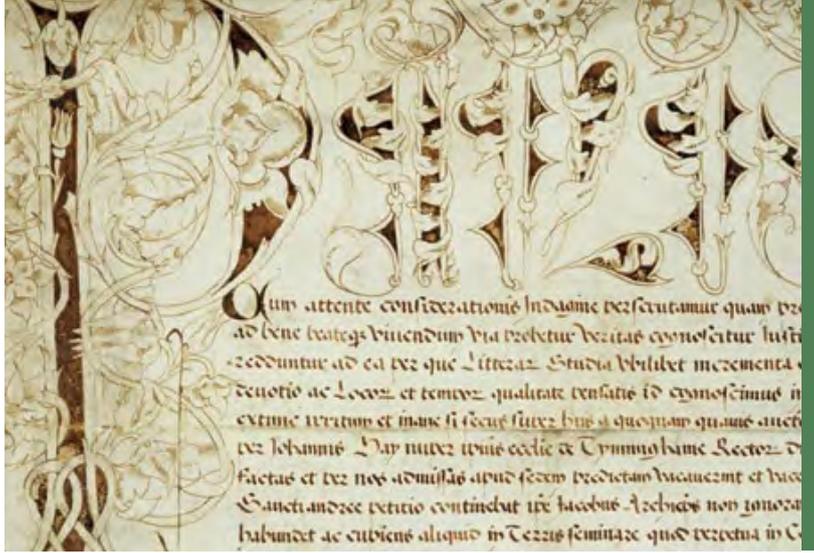
MSc in Global Health Implementation

- The opportunity to learn from world-leading practitioners and academics from a range of disciplines in health and social science.
- Focus on development of necessary knowledge and generic and specific skills in preparation for roles in policy, practice, or academia.
- Developed by the School of Medicine in collaboration with the Schools of Management and Geography & Geosciences. The programme now includes contributions from International Relations and Psychology & Neuroscience as well.
- For further information see page 92.

MSc in Health Psychology

- The opportunity for placements in clinical settings.
- Taught in collaboration with NHS Fife and with the School of Psychology & Neuroscience.
- The award of the MSc provides the recognised Stage 1 training for British Psychological Society (BPS), Health Psychology Chartership; however, applicants must have, or be eligible for, Graduate Basis of Registration with the BPS.
- The course covers all topics required in the recommended curriculum, utilising a variety of novel methods of teaching and assessment. Placements in health service settings (including NHS) are available.
- For further information see page 93.

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg



MLitt in Intellectual History

- 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 truly 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 core modules leads to the exciting opportunity to personally structure 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

- *Turning Points in the History of Ideas*
- *Theory and Practices of Intellectual History*
- *Current Controversies in Intellectual History*
- *Directed Reading* (Masterclass in Intellectual History)

Summer – 15,000-word Dissertation (MLitt)

Contact

Professor Richard Whatmore

E: rw56@standrews.ac.uk

MLitt in Legal and Constitutional Studies

- 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.
- 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.
- 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

Compulsory modules

- *The Idea of Law*
- *Comparative Studies in Legal and Constitutional Research*
- *Special Topic in Legal and Constitutional History 2* (tailored individual course of study)

and one of:

- *Comparative Studies in Legal History*
- *Global Constitutionalism*

Summer – 15,000-word Dissertation (MLitt)

Optional modules

Optional modules require a minimum number of participants to be offered. (See page 7 on the revision of programmes and modules.)

- *Approaches to Legal History*
- *The Philosophy of International Law*
- *Special Topic in Legal and Constitutional History 1* (tailored individual course of study)
- *Sources and Source Criticism*
- *Latin for Mediaeval Studies*

Contact

Profesor John Hudson

E: jghh@st-andrews.ac.uk



MSc in Management and Information Technology

- Combines the skills and experience of leading academics from the School of Computer Science and the School of Management to prepare you for a relevant career.
- Modern information and communication technologies, as well as management techniques to equip you with a range of analytical, critical, communication and information management skills.
- Develops a number of general analytical and practical skills through the completion of a research project in the form of an MSc dissertation.

Compulsory modules

Choose two or three from:

- *Strategic Management*
- *Corporate Finance and Accounting in a Global Context*
- *Marketing: Principles and Practice*
- *Managing Human Resources*

Whole Year – Master Core Skills

Summer – Extended Summer Project

Optional modules

Choose up to two from a range available in Computer Science.

Contact

E: pgmanagement@standrews.ac.uk

MLitt in Mediaeval Studies

- 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 – History, Art History, Divinity, English, 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 students 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 modules

- *Approaches to Mediaeval Studies*

Summer – 15,000-word Dissertation (MLitt)

Optional modules

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

Contact

E: saimsmail@st-andrews.ac.uk

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg



MLitt in Strategic Studies

This programme, in the School of International Relations, addresses core themes in strategic studies. It is firmly grounded in an historical approach to the subject, both with a view to military history as well as with a view to strategic theory as a subfield of intellectual history and political theory. It will enable students to apply knowledge of strategy-making and strategic thinking as a historical practice to armed conflict in the contemporary world. Its wide-ranging choice of optional modules enables students to tailor the programme's taught elements to their individual requirements and interests.

Compulsory modules

- *Modern War and Strategy*
- *Strategic Thought*

Summer – 15,000-word Dissertation (MLitt)

Optional modules

Choose two from those available in the School of International Relations (pages 81-83).

Contact

Dr Sibylle Scheipers

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MSc in Sustainable Development and MSc in Sustainable Energy

- Interdisciplinary teaching provides multiple perspectives – you will be taught by experts from disciplines across the University and beyond.
- Understand and embrace sustainability from multiple perspectives and take a holistic approach.
- The ability to integrate knowledge is at the core of the degree.
- Develop your ability to understand the complex nature of these problems and how to create strategies that will allow you to overcome them, both now and in the future.
- 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.
- Coupled with the leading role the University plays in implementing sustainable development initiatives in its own estate, you will get the benefit of access to current practice as well as leading theory.
- Field trips bring the subject alive – exploring practical applications of sustainable development brings you out of the classroom and into real-world contexts.
- Our degree structure caters for students with differing levels of initial sustainable development specialist knowledge. There is a dual track entry process for the first six weeks, after which you will be taught as a full cohort.
- For further information see page 114.

Contact

E: sasi@st-andrews.ac.uk

International Relations

Masters Degree options

MLitt (One Year – Full time)

Coursework & 15,000-word Dissertation

International Political Theory
 International Security Studies
 Middle East, Caucasus and Central Asian Security Studies
 Peace and Conflict Studies
 Strategic Studies *
 Terrorism and Political Violence (full-time residential)

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

International Political Theory
 International Security Studies
 Middle East, Caucasus and Central Asian Security Studies
 Peace and Conflict Studies
 Strategic Studies*

* The School hosts and contributes to the teaching of this interdisciplinary degree. For details see *Interdisciplinary Degrees* page 74.

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Other options

Postgraduate Diploma (Distance learning – two to four years part time)

Terrorism Studies

Contact

E: irpgt@st-andrews.ac.uk

T: +44 (0)1334 462945



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 around 100 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, terrorism studies, peace and conflict, international institutions, 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.

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 research seminars and occasional series organised on specific topics.

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. In consequence staff members 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 citizen and potential decision maker.

Class Sizes

Lectures: 20 - 30

Tutorials: 1 - 15



Careers

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. See also Careers Centre page 26.

There are short comments at the end of each individual entry below.

MLitt in International Political Theory

If you have a demonstrable background in the study of political theory (and preferably some exposure to international studies), this MLitt will develop 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. This MLitt is often a foundation for further doctoral research here or elsewhere, while some of our graduates use it as a basis for a career in law, civil service, the voluntary sector, policy research and consultancy, and international and non-governmental organisations.

Compulsory modules

- *Texts in International Political Theory*
- *Analysis and Interpretation in International Political Theory*

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

Optional modules (choose two)

Optional modules require a minimum number of participants to be offered and are chosen primarily from the following list (not all options run every year – see page 7 on the revision of programmes and modules):

- *Political Philosophy and World Order*
- *Reason of State*
- *Global Constitutionalism*
- *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.

International Political Theory students' knowledge and awareness are valued by "think tanks" and governmental decision and policy making institutes.

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg

International Relations

(continued)



MLitt in International Security Studies

The ISS Programme aims to provide you with a solid foundation in theoretical perspectives on and policy approaches to international security. It also seeks to 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, great power relations, and global governance.

Compulsory modules

- *International Security*
- *Regional Security**

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

* The structure of the MLitt is being redesigned and it is likely that the topic of the second compulsory module will change to the area of Critical Security Studies.

Optional modules (choose two)

Optional modules require a minimum number of participants to be offered and are chosen primarily from the following list (not all options run every year – see page 7 on the revision of programmes and modules):

- *Religion and International Politics*
- *Foreign Policy Analysis*
- *The Evolution of United Nations Peacekeeping*
- *The Traditional Security Agenda in the Twenty First Century*
- *Emergent Great Powers*
- *Political Economy of Conflict*
- *Strategic Studies*
- *Terrorism and Liberal Democracy*
- *International Politics of Nuclear Weapons*
- *Gender and Terrorism*
- *Art and Violence*

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

International Security Studies students develop the skills required for government service in a number of capacities (including military, defence, intelligence, diplomacy, and development) and in international or regional organisations, and NGOs.

MLitt in Middle East, Caucasus and Central Asian Security Studies

This is a multidisciplinary degree which offers an advanced grounding in the security of three fascinating and turbulent regions: the Middle East, Caucasus and Central Asia. It explores the security, politics, economics, history and culture of these strategically significant regions. It is aimed at professionals who have worked in or on the regions and for students with a decided interest in these themes and in this region. The course also offers an opportunity for language study in Arabic, Persian, or Russian. In most years, field trips to the region constitute a part of the programme. This degree will equip you to either continue with doctoral work or pursue a non-academic career in which you contribute to analysis, policy and planning (particularly in international diplomacy, international organisations, non-governmental organisations and consultancy work).

The MECACS Institute houses two of the School of International Relations' largest-ever external grants, from the European Commission on 'Post-Soviet Tensions' and 'Around the Caspian', as well as the Centre for Syrian Studies. These all bring to St Andrews added international interactions with the degree's regions. Our teaching is therefore deeply informed with "real world" experience given that we are able to bring practitioners and outsider experts regularly to the programme.

Compulsory modules

- *Middle East, Caucasus and Central Asian Security Studies*

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



Optional modules

Students pick three options but at least one must be in each of the two regions, Middle East and Central Asia/Caucasus. Optional modules require a minimum number of participants to be offered and are chosen primarily from the following list (not all options run every year – see page 7 on the revision of programmes and modules):

- *Conflict and Peace in Post-Communist Eurasia*
- *Central Asia in Global Politics*
- *Conflict in the Middle East*
- *Law and Society in the Modern Middle East: Local, Regional and International Dimensions*
- *International Relations of the Modern Middle East*
- *Iran and the World since 1921*
- *Global and Transnational Islam*
- *The Arab-Israeli Conflict, Past and Present*
- *Social Movements, Revolutions and Authoritarianism in North Africa*
- *Conflicts, Security and Democracy in the Greater Caucasus*
- *Social Movements and Ideologies in the Middle East*
- *Political Order and Violence in the Middle East*

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

Middle East and Central Asian Security Studies postgraduates supply the need for analysts who combine analytical tools with in-depth familiarity of the culture of the geographic area of the Middle East and Central Asia/Caucasus. Recent graduates have gone on to: a leading European think tank on Caucasus and Central Asia, based in Brussels; the world's largest regional intergovernmental security organisation, the OSCE, in Kazakhstan; various think tanks in Washington, DC; and local NGOs in Tajikistan, Central Asia.

“As an International Relations student I have really benefited from the cosmopolitan mix of individuals welcomed by the School; each person brings a unique worldview to academic debates and provides a genuinely stimulating environment to engage in seminars. The staff have provided all of us with the perfect mix of exceptionally informed teaching and quality feedback.”

Jack (Perth, Scotland)
MLitt Middle East, Caucasus and Central Asian Security Studies



International Relations

(continued)



MLitt in Peace and Conflict Studies

This programme aims to provide you with an opportunity to work on peace and conflict theory, broader issues relating to peacebuilding and peace processes (including gender, development, etc.), and on specific case studies in conflict analysis. One elective module may provide a guided fieldwork experience for students in a post-conflict and development setting, in order to introduce members of that module to both the physical and intellectual terrain of a peace process.

Compulsory modules

- *Issues in Peace and Conflict*
- *Theories of Peace and Conflict*

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

Optional modules (choose two)

Optional modules require a minimum number of participants to be offered and are chosen primarily from the following list (not all options run every year – see page 7 on the revision of programmes and modules):

- *The Psychology of Collective Violence*
- *Political Economy of Conflict*
- *Human Rights, Politics and Power*
- *African Political Thought*
- *Conflict, Gender and Generation*
- *Security and Conflict in Africa*
- *Globalisation and the South*
- *Religion and International Politics*
- *The Evolution of United Nations Peacekeeping*

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

The Peace and Conflict Studies programme allows students to gain the knowledge and awareness required to analyse the roots, dynamics, key actors and issue-areas in specific conflicts and to evaluate specific responses to conflicts.

MLitt in Strategic Studies

See *Interdisciplinary Degrees* page 74

“ The Peace and Conflict Studies programme shows ways of resolving conflicts without recourse to violence and also understanding alternative courses of action and analysis. It provides in-depth understanding of the international realm with its dynamics, tensions and dilemmas and students engage in discussion and critical analysis of these topics. It has helped me to define, focus and develop a direction and central theme for my research.”

Aizat (Naryn, Kyrgyzstan)
MLitt Peace and Conflict Studies



As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg



MLitt in Terrorism and Political Violence

- Offers multidisciplinary perspectives on terrorism and political violence (TPV).
- 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 iPad format). This includes e-books, online unit and course notes, links to recommended readings, embedded readings, chat and video forums and asynchronous forums.
- For further information see: www.st-andrews.ac.uk/~cstpv/study/mlitt.html

MLitt in Terrorism and Political Violence – Residential full time

Compulsory modules

Semester 1

- *Fundamental Issues and Structures of Terrorism*
- *Research Methods*

Optional modules (choose one from each pair)

Semester 2

- *Terrorism and Liberal Democracy*
- OR
- *Terrorism: How to Respond*
- AND
- *Terrorism and Theories of Collective Action*
- OR
- *Fundamentals of Terrorism*

Summer

May - August

15,000-word Dissertation (for MLitt)

Postgraduate Diploma in Terrorism Studies – Distance Learning Part time (two to four years' duration)

One module per year

- *Fundamental Issues and Structures of Terrorism*
- *Research Methods*
- *Terrorism: How to Respond*
- *Electives*

Dissertation module

One academic year for award of MLitt

Distance learning entrance requirements

- An Honours degree (2:1) in a relevant field or its equivalent.
- Equivalent refers to significant related professional experience and prior alternative academic experience (limitations apply).

Hear from our students:

www.st-andrews.ac.uk/~cstpv/study/hearfromourstudents.html

“ Since my enrolment in the Distance Learning programme in Terrorism Studies I have found the course materials to be extremely well prepared, detailed and informative. The offered courses are current and have proven to be extraordinarily beneficial in my current endeavours.”

Robert L Jones
Former Deputy Assistant Secretary of Defense,
Missing Persons Affairs and Prisoners of
War, USA

Masters Degree options

MLitt (One Year – Full time)

Coursework & 15,000-word Dissertation

Human Resource Management

International Business

Marketing

Management

International Business and Strategy

(Two year programme with Moscow State University) *

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

MSc (One Year – Full time)

Coursework & 15,000-word Dissertation

Banking and Finance

Finance and Management

Management and Information Technology **

** For details see *Interdisciplinary Degrees* page 74.

MRes (One Year – Full time)

Coursework & 15,000-word Dissertation

Management Studies ***

*** Not available by direct application, see page 89.

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Contact

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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).



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. Our programmes are student-centred and our staff at the School of Management are here to ensure that your arrival and integration into your chosen programme of study are smooth and enjoyable. In addition, our students have a Management Society which 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.

As part of a leading research-intensive university, the School of Management comprises a community of scholars that research and contribute to the guiding principle of responsible enterprise. We are concerned with formal and informal ways of organising a wide variety of 'enterprises': private, public and social. We explore issues of accountability and ethics as we study these enterprises, by pursuing a number of intellectual themes that guide our research and teaching. These include the ethics of corporate governance, the impacts of investment, organising for creative outcomes, the internal management of organisations and the interactions between organisations and society.

Our research guides and informs our teaching in the School where we encourage our students to engage critically with this subject matter and develop their skills in analysis, synthesis, evaluation and application.

English language support

If your previous experience of studying Management in English is limited, you may need a pre-Masters year of study in St Andrews in English Language Teaching, see page 12.



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 a mixture of core and option modules, with each of the first two semesters having 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. In addition to scheduled classes, you will have the opportunity to participate in our Masters Extra (MX) Programme, which includes guest lectures from academics and business executives, specific sessions to enhance your career development opportunities and a range of corporate visits.

Assessment

During the first two semesters, assessment on the taught postgraduate programmes is normally via a combination of coursework and examinations. The dissertation module will provide you with the opportunity to undertake an independent research project supervised by an academic member of staff. You will attend lectures throughout Semesters 1 and 2 to prepare you for the research required for your dissertation and draft a research proposal to be submitted in Semester 2. You will be assigned a supervisor on the basis of your proposals and then undertake your research and write your dissertation over the summer.

Successful completion of the core modules specified for each degree, and any additional optional modules required (see below) bringing the credit total to 120, leads to the award of a Postgraduate Diploma. The successful completion of the dissertation module will result in the award of MLitt or MSc.

Sample List of MLitt / MSc optional modules *

- *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*
- *Non-governmental Organisations (NGOs): Critical Perspective*
- *Risk Management*
- *Scenario Thinking and Strategy*

* Please note: this list is subject to change on an annual basis. Some optional modules may be geared specifically to a particular MLitt / MSc programme and attendance / student numbers may be limited. See page 7 on the revision of programmes and modules.

As a guide to potential availability, examples of modules currently offered can be found at:

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

Careers

Employment opportunities exist for graduates in a wide range of organisational contexts such as management consultancy, investment banking, fast moving consumer goods, non-governmental organisations, business development agencies, tourism, advertising and public relations, the Civil Service, government agencies and the education sector.

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: Bain and Company, HSBC, Nomura Bank, Blackrock Global Investment Management, Accenture, Credit Suisse Group, Deloitte, Standard Life, BP Amoco, Barclays, Halifax Bank of Scotland, KPMG, IBM, Ernst and Young, AXA Insurance, Unilever, Procter and Gamble, EasyJet, Danone and Greenpeace.

In addition, a number of past graduates have gone on to do research or to study for a PhD. The School of Management works closely with the University's Careers Centre to prepare and assist you in selecting future career options. See page 26.

Management

(continued)



The Masters Extra ('MX') Programme

The MX Programme – an integrated programme between the School of Management, the University's Centre for Academic, Professional and Organisational Development and the Careers Centre – has been established to provide focused careers events and support for postgraduate students. The programme comprises a series of informative and innovative lectures and workshops by guest speakers, business simulations and organisation visits. You have the opportunity to enhance your career opportunities by participating in this programme alongside our suite of taught Masters programmes.

Masters in International Business (MLitt)

- Designed for students with an undergraduate degree in business, management or a related discipline.
- Prepares you to work cross-culturally, provides knowledge and critical understanding of key business practices and considers 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.

Compulsory modules

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

Whole year – focus period summer

Dissertation (group or individual)

Optional modules

Choose two from list on page 87.

Masters in Human Resource Management (HRM) (MLitt)

- Designed for students with an undergraduate degree in business, management or a related discipline.
- 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.

Compulsory modules

- *Contemporary Global Issues in Management*
- *Skills and Challenges for the HR Professional*
- *Managing Human Resources or Managing and Developing People*
- *Masterclass*

Whole year – focus period summer

Dissertation (group or individual)

Optional modules

Choose two from list on page 87.

Masters in Marketing (MLitt)

- Designed for students with an undergraduate degree in business, management or a related discipline.
- Combines solid academic enquiry with the key subject knowledge required by marketing professionals.
- Explores marketing issues both domestically and internationally.
- Learn to think critically and strategically while taking account of an organisation's stakeholders.

Compulsory modules

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

Whole year – focus period summer

Dissertation (group or individual)

Optional modules

Choose two from list on page 87.



Masters in Banking and Finance (MSc)

- Designed for students with an undergraduate degree in finance, economics or a related discipline.
- 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.

Compulsory modules

- *Banking and Finance*
- *Research Methods in Banking and Finance (Econometrics 2)*
- *Research Methods in Finance (Econometrics 1)*
- *Investments and Portfolio Management*

Whole year – focus period summer

Individual dissertation

Optional modules

Choose two from:

- *Responsible Investments*
- *Financial Systems*
- *International Financial Management*
- *Risk Management*
- *Alternative Investment*

Masters in Finance and Management (MSc)

- Designed for students with an undergraduate degree in business, management or a related discipline including a mathematical element.
- Provides a strong foundation in the principles and practice of finance within organisations.
- Explores the complexities of international corporations, financial markets and investment management.

Compulsory modules

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

Whole year – focus period summer

Dissertation (group or individual)

Optional modules

Choose two from list on page 87.

Masters in Management and Information Technology (MSc)

See *Interdisciplinary Degrees* entry – page 74

Masters in Management (MLitt)

- Designed for students with undergraduate qualifications in a subject **other than** business or management.
- Provides an integrative understanding and a flexible approach to problem solving within organisations.
- Develop a solid foundation in contemporary management methods and core business principals.
- Gain important analytical and management skills required to obtain a professional position with managerial responsibilities or a leadership role within an organisation.

Compulsory modules

- *Corporate Finance and Accounting in a Global Context*
- *Strategic Management*
- *Managing Human Resources*
- *Marketing: Principles and Practice*

Whole year – focus period summer

Dissertation (group or individual)

Optional modules

Choose two from list on page 87.

Management Studies (MRes)

- There is no direct application to this programme. The School will recommend enrolment to doctoral candidates on an individual basis.
- Equips you with core research skills and with a wide knowledge of contemporary management thought.
- Designed for students who intend to pursue doctoral study and in particular those with a research interest aligned to the Schools' research themes.

For further information see Postgraduate Research Prospectus.

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg

Mathematics & Statistics

Masters Degree options

MSc (One Year – Full time)

Coursework & 15,000-word Dissertation

Applied Statistics and Datamining
Mathematics
Statistics

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

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



“I was very happy with my decision to come and study my MSc here. One important advantage of this programme is that it is flexible, and I could adjust to what I was most interested in. I felt that my teachers truly cared about my progress and gave me all the orientation I needed. Apart from studying, life in this town is peaceful and full of beauty. For me two things are certain: I have learned a lot, and I greatly enjoyed my year.”

Gisela (Mexico City, Mexico)
MSc Mathematics



Features

- * Opportunities to work closely, and undertake project work, within a research group.
- * Access to a wide range of advanced MMath courses across the entire spectrum of Mathematics and Statistics.
- * The School is well equipped with personal computers and laptops, a parallel computer and an on-site library, and has attracted substantial amounts of external funding.



The School has 36 permanent staff members and 53 postdoctoral and honorary research staff.

Careers

Our graduates hold positions at leading universities or companies in areas as diverse as business administration, computer science and modelling, fisheries laboratories and pure mathematics. In short, a postgraduate degree in mathematics or statistics from St Andrews opens the way for a variety of careers. Our recent graduates at Masters and Doctoral level have, amongst other things:

- Moved on to postdoctoral studies.
- Joined the academic staff of leading UK and international universities.
- Found highly-paid positions in analysing futures/finance for large consulting firms and major financial institutions, for example: Scottish and Southern Energy, RBS, Capital One, Aquila Insight, Aviva, PwC, American Express, Goldman Sachs, 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, hence enhancing their positions and prospects in the secondary and tertiary education sectors.

See also Careers Centre page 26.

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg



MSc in Applied Statistics and Datamining

- 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.
- A commercially relevant programme of study that has content aligned with the requirements of partners in the commercial analysis sector.
- Strongly applied bias, with an emphasis on application in the commercial 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.
- A graduate from this programme would be seeking employment as an analyst within a company, research body, government, or as a statistical consultant.

Compulsory modules

- *Data Analysis*
- *Advanced Data Analysis*
- *Statistical Modelling*
- *Applied Multivariate Analysis*
- *Knowledge Discovery and Datamining*

Summer – 15,000-word Dissertation

Optional modules – Choose two from list *

MSc in Statistics

- The Statistics programme is 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.
- A graduate of this programme might intend to pursue research in statistics (e.g. PhD) or enter the commercial analysis market with a broader skill-set.

Programme content

This programme permits a wide range of advanced module choices across the School of Mathematics & Statistics. There are two semesters of taught modules, followed by a dissertation over the summer months.

The available Statistics modules consist of a mixture of traditional lecture courses with end of semester exams and short intense courses with a large proportion of continuous assessment.

MSc in Mathematics

- The Mathematics programme is aimed at individuals with a strong background in pure mathematics, applied mathematics or a closely related subject, typically with the intention of either (a) preparing you for further postgraduate studies, or (b) providing you with the necessary qualifications and skills for a future career in the private sector.
- Graduates of this programme might be seeking a career in mathematical research.
- 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 for the MSc in Mathematics are traditional semester-long lecture courses with end of semester exams, but some modules have a large element of continuous assessment.
- You 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 for Mathematics or Statistics programmes

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

Masters Degree options**MSc (One Year – Full time)**

Coursework & 5,000-word Dissertation

Global Health Implementation*
Health Psychology*

* Receive a teaching contribution from NHS Fife and other Schools.

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

The courses are full time (35 hours per week) over one full year (12 calendar months). Courses start mid-September and you can expect to receive notification of outcome the following September (graduation ceremony in November).

Contact

E: pgmed@st-andrews.ac.uk
T: +44 (0)1334 463601



Dedicated study space within the Medical and Biological Sciences building for students registered for our Masters courses.

**MSc in Global Health Implementation**

(~ 10-12 students per year)

The main aim of this programme is to develop the skills and knowledge needed to fulfil roles as global health implementation practitioners, policy-makers, or academics. This is achieved through the provision of 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. We hope to support the development of critical thinkers and radical practitioners in global health implementation. It accords with a pedagogy of collegiality, thereby placing peer-interaction and student-centred learning at the heart of the curriculum.

Teaching and assessment methods

The programme will be delivered through face-to-face and e-seminars, tutorials, practical classes, and workshops by academics from across the University (e.g. the Schools of Medicine, Management, Geography & Geosciences, International Relations, and Psychology & Neuroscience); members of the local health board in NHS Scotland; and guest academics, policy makers and practitioners.

Supervision of the dissertation will be undertaken by relevant staff across the University. There may also be opportunities to undertake a short placement outwith the University as part of the dissertation project; however, this will vary from year to year.

Assessment will be non-exam-based, and will incorporate written assignments, oral and poster presentations, peer- and self-assessment.

Tuition fee scholarships for part of the fees may be available for applicants from low- and middle-income countries, the number of which may vary from year-to-year.

Compulsory single semester modules

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

Compulsory whole year module

- *Dissertation*

Contact

Please contact the course director Dr Damien J Williams for the latest details and availability.

E: djw11@st-andrews.ac.uk



MSc in Health Psychology

(~ 10-12 students per year)

This programme is suitable for 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.
- Students 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.
- For further information:
<http://medicine.st-andrews.ac.uk/healthpsychology>

Compulsory single semester modules

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

Compulsory whole year modules

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

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). This is achieved through the provision of a detailed theoretical understanding of the health psychology literature and issues within the field associated with the attainment and maintenance of health, including a detailed focus on health behaviour.

The programme also 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.

Teaching and assessment methods

Includes a variety of teaching methods (e.g. practical tasks, e-collaboration and discussion) delivered through tutorials, seminars, individual supervision, computer exercises and presentation/observation. Assessment approaches include thesis, peer-assessment, written assignments and presentations. The staff-student ratio is favourable and we have active researchers contributing to the field of health psychology and are in touch with major developments of progress in the field.

Assistance with fees and funding

The University provides support in a limited number of cases (dependent upon eligibility). For details see: www.st-andrews.ac.uk/study/pg/fees-and-funding/scholarships/taught

In addition, a limited number of dedicated bursaries may be available from local NHS services requiring a single day per week commitment. These may vary from year-to-year.

Some assisted places sponsored by SFC are available (fee waiver and/or additional expenses).

Contact

Professor Gerry Humphris
E: gmh4@st-andrews.ac.uk

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 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.

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg

Modern Languages

Masters Degree options

MLitt (One Year – Full time)

Coursework & 15,000-word Dissertation

and

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

are available in the following subject areas:

- Comparative Literature
- Cultural Identity Studies
- French Studies
- German Studies
- Italian Studies
- Middle Eastern Literary and Cultural Studies
- Russian Studies
- Spanish and Latin American Studies

School of Modern Languages staff also contribute to the teaching of the **MLitt in Central and East European Studies** run by the School of History. *For details see [Interdisciplinary Degrees](#) page 74.*

School of Modern Languages staff also contribute to the teaching of the **MLitt in Mediaeval Studies** run by the St Andrews Institute of Mediaeval Studies (SAIMS) housed in the School of History. *For details see [Interdisciplinary Degrees](#) page 74.*

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

MLitt Erasmus Mundus Masters (EU)

We are a partner in the EU-endorsed Erasmus Mundus Masters programme 'Crossways in Cultural Narratives'. Further details can be found on page 96.

German and Comparative Literature (MLitt/MA)

This programme is a co-operation between St Andrews and the University of Bonn. Students complete a two-year degree course spending their first year in Germany and the second year in Scotland. Upon successful completion students are awarded a joint degree comprising a Scottish MLitt and a German MA. Further information on Modern Languages website.

Entrance Requirements

See page 6 for *University of St Andrews postgraduate entrance requirements*.

Contact

E: pgmodlangs@st-andrews.ac.uk
T: +44 (0)1334 463670



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 England, France, Italy, Portugal, Poland, Spain, Canada, Argentina and Mexico).
- * 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 core 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.



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 core modules together, and all postgraduates, MLitt, 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.

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.

Class Sizes

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. See also Careers Centre page 26.



Modern Languages

(continued)



Erasmus Mundus Masters Programme

'Crossways in Cultural Narratives'

Do you have mastery of at least two of English, French, Italian, Polish, Portuguese and Spanish? Would you like the opportunity to study three languages, at three institutions over three 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, Linguistics and Communication. The programme is open to European students from EU member states, as well as students 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

“I have had in my class this year students from fourteen other countries, and I am not sure whether I learnt more from them in formal discussions or casual chats over coffee or drinks. I also really like how interdisciplinary the field is; every member of staff brings his or her own varied expertise to lectures and seminars, in literature, film, history, philosophy, or languages.”

Sarah (Snellville, Georgia, USA)
MLitt Cultural Identity Studies

MLitt in French Studies, German Studies, Italian Studies, Middle Eastern Literary and Cultural Studies, Russian Studies, Spanish and Latin American Studies

If you are looking to expand your understanding and knowledge of the literature, culture and history of one of these languages, and /or to continue at PhD level, select your programme from this suite we offer. You need to have an undergraduate degree in the appropriate language (in the case of Middle Eastern Literary and Cultural Studies either Persian or Arabic). The structure of the language and culture-specific MLitt programmes is mirrored in each language, with a common core of modules which all MLitt students take together (*Literary and Cultural Theory 1 & 2*, and *Research and Professional Skills*). Then all students in each programme take their specific Literary and Cultural contexts module; so for French, for example, this will be *French Literary Revolutions*. Then with the Specialised Research module, and finally the Dissertation, 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.

Compulsory modules

- *Literary and Cultural Theory 1*
- *Literary and Cultural Theory 2*
- *Research and Professional Skills*

Summer – 15,000-word Dissertation (MLitt)

Optional modules

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

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg



Literary and Cultural Theory 1 & 2 methodically introduce the major figures and schools of literary and cultural theory.

Research and Professional Skills covers practical issues such as the publication of journal articles or monographs, writing reviews and reports, IT skills, using bibliographical databases, conferences, from proposing, writing and delivering papers, to publishing proceedings and preparing for interviews.

Literary and Cultural Contexts will provide a solid grounding in the main literary movements and canonical texts in each specific language area. These modules are designed to enable you to better contextualise your own specific area of interest within the broader literary and cultural realities in which they are situated.

MLitt in Comparative Literature

- 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.

Additional Entrance Requirement: one language taught at the School of Modern Languages (Arabic, French, Italian, German, Persian, Russian, Spanish) to Scottish Credit and Qualifications Framework Level 7, Common European Framework Level B1, or equivalent; English language proficiency with a minimum of 7.0 in IELTS or equivalent.

Compulsory modules

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

Summer – 15,000-word Dissertation (MLitt)

Optional modules

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

MLitt in Cultural Identity Studies

- The opportunity to gain a theoretical grasp of different dimensions of 'cultural identity'.
- Explore the ways such dimensions are represented in one or more of the cultural traditions of France, Germany, Italy, Latin America, the Middle East, Russia, Spain.

Additional Entrance Requirement: one language taught at the School of Modern Languages (Arabic, French, Italian, German, Persian, Russian, Spanish) to Scottish Credit and Qualifications Framework Level 7, Common European Framework Level B1, or equivalent; English language proficiency with a minimum of 7.0 in IELTS or equivalent.

Compulsory modules

- *Literary and Cultural Theory 1*
- *Problems of Cultural Identity 1*
- *Problems of Cultural Identity 2*
- *Research and Professional Skills*

Summer – 15,000-word Dissertation (MLitt)

Sample optional modules:

- *Film and Issues of European Identity*
- *Europe and America: Dialogues and Identity Formation in Text, Film and Theory*

MLitt in Central and East European Studies

See *Interdisciplinary Degrees* page 74

MLitt in Mediaeval Studies

See *Interdisciplinary Degrees* page 74

Philosophy

Masters Degree options

MLitt (One Year – Full time)

Coursework & 15,000-word Dissertation

Epistemology, Mind and Language
History of Philosophy
Logic and Metaphysics
Moral, Political and Legal Philosophy
Philosophy

All MLitts can also be taken part time.

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

Philosophy

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

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Other options

Conversion Diploma (One Year – Full time)

Graduate Diploma (Conversion) in Philosophy

Also available part time over two years.

Contact

E: sasp@st-andrews.ac.uk

T: +44 (0)1334 462487



* Philosophy at St Andrews was ranked **top** in Scotland and **fth** in the UK in the UK Research Excellence Framework 2014.

In St Andrews, 39% of the overall Philosophy profile met the standard for the 4* world-leading research grade, with a further 44% rated 3* internationally excellent and the remainder internationally recognised. In addition, 70% of the work submitted in the research environment category met the standard for 4* world-leading research with the REF Panel noting in particular the success of the SASP programme in placing students in academic posts following graduation.

In Stirling, 49% of the overall Philosophy profile met the standard for the 3* internationally excellent grade and 80% of the work submitted in the research environment category also met the standard for internationally excellent work.



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, from logic and metaphysics to moral philosophy and beyond.
- * The SASP programme maintains a staff of authoritative researchers, a majority of whom have significant experience of teaching at leading international institutions, and which is large enough to teach a comprehensive and flexible range of graduate courses, and to supervise research projects.
- * There is an annual reading party in the Scottish Highlands for all taught and research postgraduates and staff.
- * Friendly and congenial atmosphere in which postgraduate students are encouraged to participate actively through, for example, the weekly Graduate Seminar and the Philosophy Club.



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. The St Andrews Philosophy Club meets several times each semester, usually on Wednesday afternoons, for papers by visiting speakers.

www.st-andrews.ac.uk/philosophy/events

The Department of Philosophy at Stirling holds its visiting speaker seminars on Thursday afternoons.

www.stir.ac.uk/arts-humanities/news-and-events/visiting-speakers-and-research-seminars

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.



If you wish to brush up on your knowledge of logic, or if you have limited prior experience in this area, the SASP programme runs an additional weekly seminar, Basic Logic, throughout the year.

St Andrews also has a weekly seminar run by and for the research students, meeting Friday evenings, to which everyone is welcome. Arché (Philosophical Research Centre for the Philosophy of Logic, Language, Metaphysics and Epistemology) runs a variety of informal seminars and discussion groups. The programme also supports and encourages a wide range of student-led reading groups on topics relevant to their degree.

The student Philosophy Society (PhilSoc) is the most vibrant and active student-led society in the Faculty of Arts. It 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. The reading party takes place at a country retreat in beautiful surroundings: a fine opportunity for seeing Scotland, hiking, and sampling Scottish food and drink, with the give and take of philosophy in the evenings.

The SASP programme has the most diverse postgraduate student population in the University. In addition to students from the UK, USA, Canada and across Europe, the programme has in recent years attracted students from areas such as China, Hong Kong, the Middle East and South America. This gives a uniquely international, cosmopolitan and welcoming feel to the philosophical community.

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 for undergraduate and taught postgraduate students in Philosophy. The spectacular view from the windows enhances this unique space for study.

The Department of Philosophy in Stirling is housed in the Pathfoot Building that is located at the University's campus in Stirling. The campus is set in the eighteenth-century landscaped gardens of Airthrey Castle and widely thought to be one of the most beautiful campuses in Britain.

The teaching for the MLitt programme takes place in St Andrews except for teaching on the core modules in Semester 1 which takes place at the University of Stirling. A coach provides comfortable transport for the one day per week visit.

Research centres and journals

There are two leading philosophical research centres in St Andrews:

Arché (Philosophical Research Centre for the Philosophy of Logic, Language, Metaphysics and Epistemology)

See: www.st-andrews.ac.uk/arche

The Centre for Ethics, Philosophy and Public Affairs (CEPPA)

See: www.st-andrews.ac.uk/ceppa

The Philosophical Quarterly

One of the most respected international philosophy journals is edited from St Andrews. *The Philosophical Quarterly*, one of the main journals of philosophy in the UK, is edited by an editorial board made up of staff of the two Philosophy departments at St Andrews, and one or two representatives from each philosophy department at the other Scottish universities. Founded in 1950, it is managed by a committee of representatives of the University Court of St Andrews and of the Scots Philosophical Association, convened by Simon Prosser.

Assistance with funding your studies

Philosophical Quarterly bursaries

SASP will be funding a number of bursaries for students in the MLitt programme in 2016-2017 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 2016.

See: www.st-andrews.ac.uk/~sasp/funding

Carnegie-Cameron taught postgraduate bursaries

Scottish students may apply for Carnegie Cameron Postgraduate Bursaries for Masters students.

www.st-andrews.ac.uk/study/pg/fees-and-funding/scholarships/carnegie-cameron

Other taught postgraduate scholarship support

The University of St Andrews has various scholarship opportunities for postgraduate students. For further information 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. See also Careers Centre page 26.

Philosophy

(continued)



Structure of the MLitt programmes

The structure of our MLitt programmes is the same, regardless of which you choose to do.

Upon successful completion of the taught component of the programme you can progress to the MLitt dissertation which is completed during the summer. The current MLitt population is 40 students, drawn from the UK and around the world, and the annual intake is around 40 – 50 students. Many MLitt students progress to a PhD programme here or elsewhere, including some of the top institutions in the US. A first degree in or including philosophy is the normal pre-requisite. Postgraduates are taught in dedicated postgraduate classes.

Semester 1	Semester 2
<i>Current Issues in Philosophy 1</i> (core)	<i>Current Issues in Philosophy 2</i> (core)
<i>Research Methods</i> (core)	Optional module 2 (from list)
Optional module 1 (from list)	Optional module 3 (from list)
Summer	
15,000-word Dissertation	

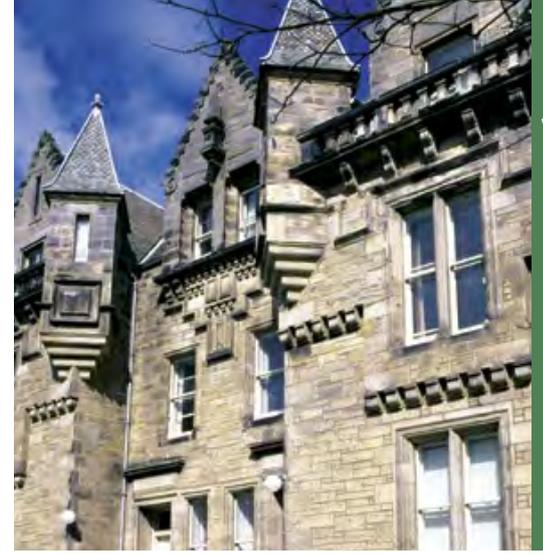
MLitt in Epistemology, Mind and Language

This programme provides a firm foundation in three of the core areas of contemporary philosophy, namely the Philosophy of Mind, the Philosophy of Language and Epistemology. These core areas share a number of central topics such as Normativity, Intentionality, Representation, Consciousness, Rules, Thought, and Reason and Rationality. The programme draws on these topics, to develop a distinctive approach to understanding the inter-connected questions, themes and topics in these core areas, providing in the process important research tools for future research at an advanced level.

Sample optional modules for this programme:

- *Action and Intention*
- *Advanced Epistemology*
- *Advanced Philosophy of Language*
- *Formal Approaches to Natural Languages*
- *Intuitions & Philosophical Methodology*
- *Philosophy of Mind*
- *Philosophy of Perception*
- *Philosophy of Time*

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg



MLitt in History of Philosophy

This programme provides a firm foundation in the historical traditions of western philosophy and offers 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 students with tools for future research at doctoral level.

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*

MLitt in Logic and Metaphysics

This programme provides a firm foundation in these core areas of contemporary philosophy, including philosophy of logic as well as formal methods. The programme offers students a specialist education in various topics within both logic and metaphysics, whilst encouraging connections between these specialisms, and equipping students with tools for future research at doctoral level.

Sample optional modules for this programme:

- *Advanced Logic A: Lattices and Logic*
- *Advanced Logic B: Classical Meta-theory*
- *Formal Approaches to Natural Languages*
- *Origins and History of Analytical Philosophy*
- *Philosophy of Logic*
- *Philosophy of Mathematics*
- *The Philosophy of the Physical Sciences*
- *Texts in Contemporary Metaphysics*



Philosophy

(continued)



MLitt in Moral, Political and Legal Philosophy

This programme provides a firm foundation in these three areas of contemporary philosophy. The programme offers students the opportunity to study specific areas in depth, whilst encouraging connections between these various specialisms, and equipping students with tools for future research at doctoral level.

Sample optional modules for this programme:

- *Aesthetics*
- *Kant*
- *Legal Philosophy*
- *Moral & Political Philosophy in the Nineteenth Century*
- *Political Philosophy*
- *Political Philosophy in the Age of Revolutions*
- *Topics in Recent Moral Theory*
- *Twentieth Century Philosophers*

“Philosophy here is intense and rewarding. The staff are outstanding, both in teaching and in encouraging and supporting independent research. Among the postgraduates the intellectual environment is conducive to the open exchange of ideas; philosophy happens anywhere, anywhen, in this lively little town. St Andrews boasts a number of graduate and staff-attended reading groups, world class visiting speakers, and access to the Arché research centre and to philosophy at the University of Stirling. And the word ‘epistemology’ was coined here, in 1856, by St Andrews’ own J F Ferrier!”

Kate (Liverpool, England)
MLitt Philosophy

MLitt in Philosophy

This degree is primarily designed as a preparatory year for entry to postgraduate work in philosophy. It aims to provide a firm foundation of general understanding and skills in philosophy, as a basis for sound philosophical research. There is opportunity for you to specialise within the structure of the programme.

Sample optional modules:

- *Action & Intention*
- *Advanced Epistemology*
- *Advanced Logic A: Lattices and Logic*
- *Advanced Logic B: Classical Meta-theory*
- *Advanced Philosophy of Language*
- *Aesthetics*
- *Classical Philosophy*
- *Formal Approaches to Natural Languages*
- *Intuitions & Philosophical Methodology*
- *Justice: Ancient & Modern*
- *Kant*
- *Legal Philosophy*
- *Mediaeval Philosophy*
- *Moral & Political Philosophy in the Nineteenth Century*
- *Origins and History of Analytical Philosophy*
- *Philosophy of Film*
- *Philosophy of Logic*
- *Philosophy of Mathematics*
- *Philosophy of Mind*
- *Philosophy of Perception*
- *Philosophy of Time*
- *Philosophers of the Scottish Enlightenment*
- *Political Philosophy*
- *Political Philosophy in the Age of Revolutions*
- *The Philosophy of the Physical Sciences*
- *Topics in Recent Moral Theory*
- *Texts in Contemporary Metaphysics*
- *Twentieth-Century Philosophers*



MPhil in Philosophy

The MPhil in Philosophy is a two-year research degree that is awarded after successful completion of the taught element of the MLitt programme (see above) plus a supervised research thesis of 40,000 words. The MPhil is primarily designed for those wishing to undertake an extra year of research study in preparation for PhD studies, although the MPhil remains a desirable independent qualification in its own right.

A distinctive feature of the SASP MPhil programme is that you have two academic supervisors to provide regular academic guidance and advice throughout the research project.

A further distinctive feature is that students in the second year of the MPhil programme are actively encouraged to participate and make presentations at the regular dedicated MPhil seminar hosted by senior members of staff.

The number of MPhil students is typically between five and ten, drawn from the UK and around the world. Many MPhil students progress to a PhD programme here or elsewhere, including some of the top institutions in the US.

Entry to the MPhil

Entry to the programme is in the first instance via progression from the SASP MLitt programme. You must complete 120 credits of 5000-level modules, as in the MLitt regulations. If you meet the standard progression-to-dissertation requirements on the MLitt, you will have the option to write an MLitt dissertation of 15,000 words and either graduate with an MLitt degree or convert your MLitt dissertation into a 40,000-word MPhil thesis and graduate with an MPhil degree (subject to meeting all the requirements for the award of both qualifications).

Note that you can apply for admission to the MPhil programme as well as to the MLitt programme. You will still be required to complete the MLitt programme as detailed above in year 1 before progressing to the MPhil dissertation in year 2.

Conversion Diploma

This Conversion Diploma is designed for those who wish to pursue the study of philosophy at postgraduate level but have studied little or no philosophy in their undergraduate degree. Satisfactory performance on the Diploma leads to entry to the SASP MLitt Programme. Many previous Conversion Diploma students have gone on to further study in philosophy at PhD level – either at St Andrews/Stirling or on another equally prestigious PhD programme.

Though Conversion Diploma students take only undergraduate modules (1000 - 4000 level), they nonetheless remain bona fide members of the large and vibrant postgraduate community at the universities of St Andrews and Stirling. You are invited to all postgraduate events, such as the various postgraduate reading parties, and are strongly encouraged to get fully involved with the many and various seminars, workshops, talks, and reading groups.

To complete the Conversion Diploma, you must take 60 credits in 3000-and/or 4000-level Philosophy modules (to include at least 30 credits of a compulsory 3000-level module) and 60 further credits which may be in 1000- through 4000-level Philosophy modules. (Most 3000-and 4000-level modules are 30 credits, so this usually means you will take four modules – two in each semester).

There is also the option of taking a not-for-credit MLitt module in *Basic Logic* which runs every Friday in Semester 1. This module is designed for those with little or no knowledge of logic, or for those who wish to brush up on their basic logic skills.

Masters Degree options**MSc (One Year – Full Time)**

Coursework & Research Project Dissertation

Photonics and Optoelectronic Devices

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Contact

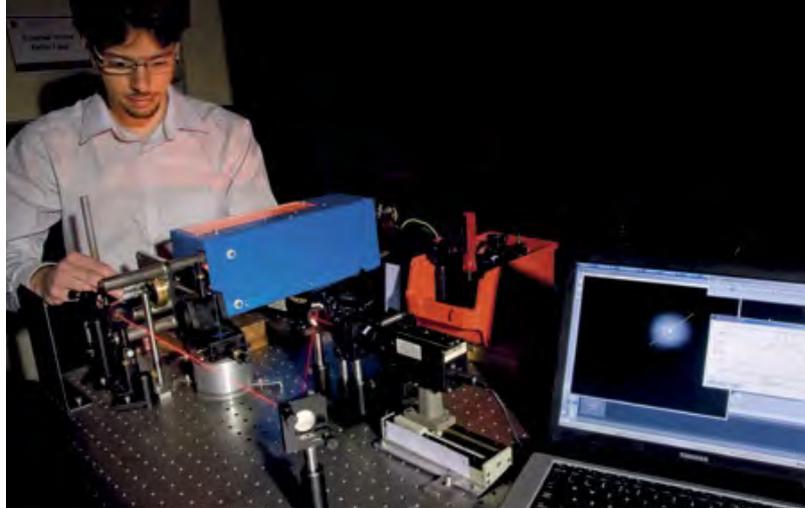
E: physics@st-andrews.ac.uk

T: +44 (0)1334 463103



“Studying in such renowned and well-established universities as St Andrews and Heriot-Watt was the best academic decision I have ever made. The course is challenging, but very well organised and I am learning a lot. The staff are very friendly and eager to help the students. One of my favourite parts of the course is the work in the laboratory. It allows a much deeper understanding of the theory and also exploration of our own ideas.”

Sonja (Salach, Germany)
MSc Photonics and Optoelectronic Devices



In the teaching laboratory exploring the phase variation across laser modes

Features

- * In the UK Research Excellence Framework 2014, the quality of research undertaken by PHYESTA, the joint research School of Physics & Astronomy between the Universities of St Andrews and Edinburgh, was ranked third in the UK and top in Scotland.
- * The School 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.
- * St Andrews has recently opened £3.7 million of specialist research labs in photonic microfabrication and in high-resolution condensed matter physics.
- * 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.

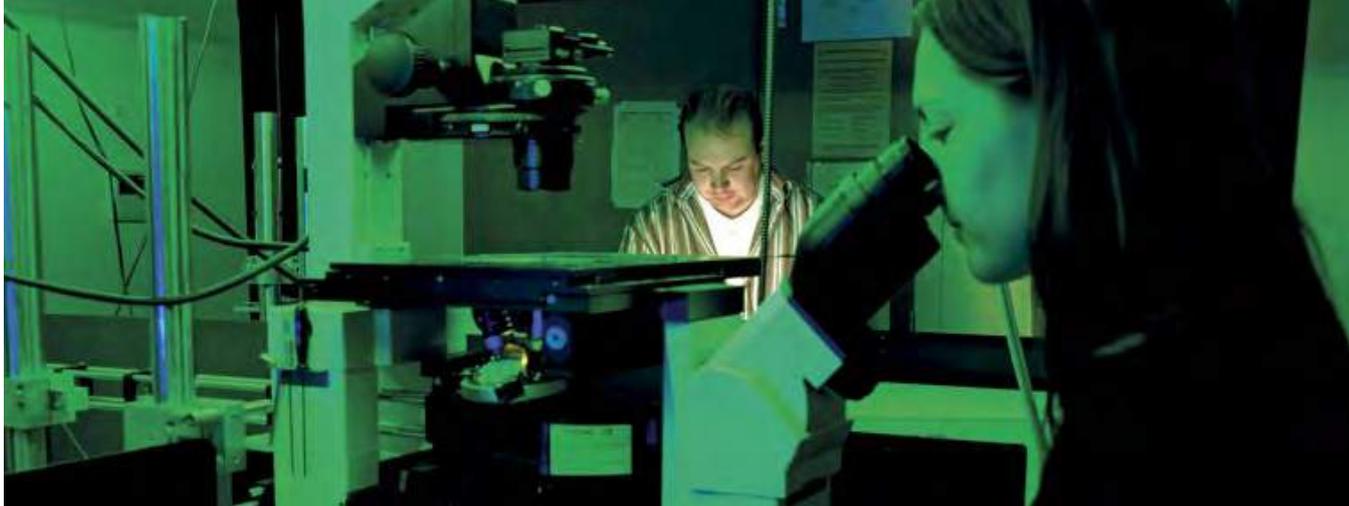


World-class research programmes in photonics, condensed-matter physics and astronomy complement and guide our teaching at all levels.

Postgraduate community

The postgraduate community in the School of Physics & Astronomy includes typically ten students in our MSc class, two to ten engineering doctorate students taking taught modules, plus around 80 PhD research students. Students on the MSc course 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 physics and its applications to their students. Well-equipped teaching laboratories allow you to explore the science of photonics in “research mode”, and interact directly with academic staff and the School’s early-career researchers.



Biophotonics researchers developing laser-based techniques for manipulating and studying biological cells

Teaching methods

- Teaching comprises lectures, tutorials, and laboratory work.
- The teaching laboratory offers the photonics students a wide choice of experiments.
- Work for lecture modules is assessed largely through examinations whereas the laboratory 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.

Class Sizes

The combined postgraduate class is typically 20 to 25 students, sometimes shared with our undergraduate final year MPhys class. **Lectures:** ~15 to ~30.



Careers

The 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 EngD 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. Specific examples of graduate profiles are available at: www.st-andrews.ac.uk/physics/prosp_pg/opto_msc/graduates.php

See also Careers Centre page 26.

MSc in Photonics and Optoelectronic Devices

- Offered in collaboration with Heriot-Watt University.
- This programme is 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.
- The programme is 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 the University of St Andrews in 2016 and by Heriot-Watt University in 2017.

www.st-andrews.ac.uk/physics/msc

Semester 1 modules (at St Andrews) expected to be:

- *Laser Physics*
- *Photonics Laboratory*
- *Displays and Nonlinear Optics*
- *Photonics Applications* (choose two from three topics)

Semester 2 modules (at Heriot-Watt) expected to be:

- *Photonics Experimental Laboratory*
- *Semiconductor Optoelectronic Devices*
- *Modern Optics*
- *Fibre Optic Communications*

Summer

Industrially-related research project in an optoelectronics company, or occasionally within the University

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg

Psychology & Neuroscience

Masters Degree options

MSc (One Year – Full time)

Coursework & 15,000-word Dissertation

Adults with Learning Disabilities who have Significant and Complex Needs (also part time by Distance learning) *
Evolutionary and Comparative Psychology: The Origins of Mind Psychology (Conversion)

* See separate leaflet on Psychology & Neuroscience webpages

MRes (One Year – Full time)

Coursework & 15,000-word Dissertation

Psychology

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

Psychology

The School of Psychology & Neuroscience staff also contribute to the teaching of the **MSc in Global Health Implementation** and **MSc in Health Psychology**. For details see **Medicine** entry – page 92.

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Additional application documents required

Students are required to apply using the University's application form. In addition to the completed application form, the School requires:

- Research proposal (*required for MPhil only*)
- Personal statement
- Different documents are required for the Distance learning programmes – see separate leaflet

Other options

Postgraduate Certificate (One Year – part time by Distance learning)

Adult Support, Protection and Safeguarding
Adults with Learning Disabilities who have
Significant and Complex Needs
The Psychology of Dementia Care

Postgraduate Diploma (One Year – part time by Distance learning)

Adults with Learning Disabilities who have
Significant and Complex Needs

Contact

E: pgsecpsych@st-andrews.ac.uk
T: +44 (0)1334 462157



School of Psychology & Neuroscience

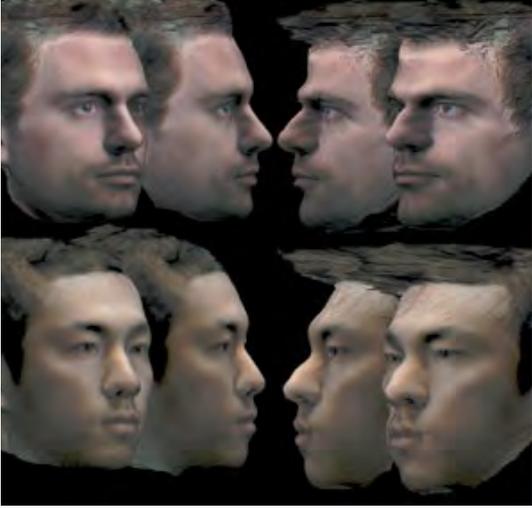
Features

- * 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.



An emphasis on 'doing' not just listening: we equip you to ask and answer psychological questions.





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.

Class Sizes

Lectures: on average 82 students.

Seminars and workshops: up to 20 students.



Facilities

We are equipped with modern technology to perform virtually all aspects of psychological research. 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.

“I decided to stay for postgraduate study after completing my undergraduate degree in Psychology because of the excellent teaching, and research opportunities. As a small and friendly, but very research-active School, Psychology students are both able to get to know their lecturers well and also engage with ongoing research and new ideas in a dynamic environment. This Masters course has honed my technical and academic skills, while giving me the opportunity to conduct my own research on differences in visual perception for migraine sufferers.”

Becky (Providence, Rhode Island, USA)
MRes Psychology

“Studying at St Andrews is a truly unique experience. The mediaeval coastal setting is calm and picturesque, while the University's reputation and research are truly world class. The School's low student to staff ratio allows you to feel like one of the family, and develop close relationships with supervisors and staff. There is a strong student community, and work life balances well with social life. My Psychology degree has enabled me to experience a range of different subject areas, whilst allowing me to hone my specific interests. I have grown not only as an academic but also as a person, and feel confident and well equipped to undertake new challenges.”

Richard (Spalding, Lincolnshire, England)
MSc Psychology (Conversion)

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.

Psychology & Neuroscience

(continued)



Capuchin monkeys at the Living Links Research Centre, Edinburgh Zoo

MRes in Psychology

- This programme is designed as training for highly capable students wishing to pursue a higher research degree in Psychology (e.g. PhD), in order both to equip you with the specific skills necessary for the completion of your research and to provide you with the general skills necessary for undertaking a career as a research psychologist.
- Appropriate for students who wish to pursue research in psychology that is related to the social sciences.
- The programme is recognised by the UK Economic and Social Research Council.

Compulsory modules

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

Summer – Research Project (15,000-word Dissertation)

Optional modules (choose two)

- *Methodologies for Psychology and Neuroscience*
- *Being a Social Scientist: Skills, Processes and Outcomes*
- *Philosophy and Methodology of the Social Sciences*
- *Computer-Aided Research*



MSc in Evolutionary and Comparative Psychology: The Origins of Mind

- Suitable for highly capable students wishing to pursue a research career in evolutionary psychology or related field.
- Advanced research training in a range of intellectual and practical skills associated with evolutionary and comparative approaches to the study of mind.
- 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.
- For further information: www.st-andrews.ac.uk/psychology/prospective/pg/opportunities/mscevo

Compulsory modules

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

Summer – Research Project (Dissertation)

Optional modules

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

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg



MSc Psychology (Conversion)

- A conversion route into Psychology for students who hold an Honours degree in a subject other than Psychology.
- Accredited by the British Psychological Society.
- Equips students 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.
- For further information: www.st-andrews.ac.uk/psychology/prospective/pg/opportunities/conversion

Compulsory modules

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

Summer – Research Project

MSc in Health Psychology

See *Medicine* page 92

Postgraduate Certificate, Postgraduate Diploma and MSc programmes

We offer a taught Postgraduate Certificate, Postgraduate Diploma and an MSc in **Adults with Learning Disabilities who have Significant and Complex Needs**, and a Postgraduate Certificate in **Adult Support, Protection and Safeguarding**. Further details about these programmes are available at www.st-andrews.ac.uk/psychology/prospective/distance/learningdisabilities or on request (Contact Dr Martin Campbell – mc1@st-andrews.ac.uk).

Postgraduate Diploma Compulsory modules

- *Intellectual Disability Research*
- *Data Collection and Sampling*
- *Qualitative Data Analysis: Flexible Designs*
- *Quantitative Data Analysis: Fixed Designs*
- *Illustrative Studies in Intellectual Disability Research*
- *Essential Elements of your Assignment*

We also offer a taught Postgraduate Certificate in **The Psychology of Dementia Care**. It is a postgraduate distance learning course, to be studied as a part-time qualification by professional care staff and management staff providing services to people with dementia.

This Postgraduate Certificate programme 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. This programme will provide students with a theoretical background to the psychology of dementia care. Students will be encouraged to question current practice and to apply psychological theory to their own working situation. As such, practitioner students will attain a new theoretical understanding of dementia care. The programme consists of three modules (listed below). Students can opt to enrol on one, two or three modules. To obtain the Postgraduate Certificate all three modules must be passed.

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

Further details about this programme are available at: www.st-andrews.ac.uk/psychology/prospective/distance/dementia_care or on request (Contact Dr Maggie Ellis – mpe2@st-andrews.ac.uk).

Social Anthropology

Masters Degree options

MRes (One Year – Full time)

Coursework & 15,000-word Dissertation

Anthropology, Art and Perception
Social Anthropology
Social Anthropology and Amerindian Studies
Social Anthropology with Pacific Studies

MPhil (Two Years – Full time)

Coursework & 40,000-word Thesis

Anthropology, Art and Perception
Social Anthropology
Social Anthropology and Amerindian Studies
Social Anthropology with Pacific Studies

Advanced Entry Option

Students with an advanced background in Social Anthropology may be permitted to enrol directly into the second year of the MPhil and receive the degree solely from the 40,000-word thesis.

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Contact

E: socanthadmin@st-andrews.ac.uk
T: +44 (0)1334 462977



“The subject of anthropology has opened up new ways of engaging with the world for me, and I have had the opportunity to be part of a great cohort of students from across the globe, all with varying research interests and backgrounds. One of the best things about studying here has definitely been the Department itself. Warm and welcoming from the start, and with weekly Departmental seminars, you really feel a part of a research community during your time here.”

Elizabeth (London, England)
MRes Social Anthropology



Features

- * Social Anthropology was established in 1979, and is now a constituent department in the University's School of Philosophical, Anthropological & Film Studies with a staff of 14.
- * Teaching at all levels is informed by the research interests and accomplishments of lecturing staff.



At any one time around 40 postgraduates are registered in the Department, of whom about 10 are on taught programmes.

Postgraduate community

Many students are from abroad and are undertaking a varied range of taught courses and research programmes. Those returning from, or preparing to go into, the field form an active community with a wide range of diverse geographical and substantive interests.

You will participate in annual workshops organised by the Department, jointly with the Anthropology departments of the universities of Aberdeen, Edinburgh and Glasgow under the Scottish Training in Anthropological Research (STAR) programme. These workshops provide opportunities for informal presentations of research proposals, discussions relevant to your fieldwork preparations (e.g. ethics, data collection, writing field notes). The exploration of creative ways of learning is held in a relaxed yet focused environment, together with members of staff and PhD students from each of the universities. The training workshops last for four days and take place in a beautiful countryside location. They act as complementary elements of the postgraduate training programme, and are organised in consultation with postgraduate students themselves, according to their perceived needs and wishes. In addition, there are shorter workshops which take place throughout the year and are designed to develop theoretical perspectives in anthropological research.

Facilities

The Department of Social Anthropology occupies an extensive suite of offices on North Street and in St Salvator's Quad. It is well situated in the centre of town and at the geographical heart of the University. The Centre for Amerindian Studies has its own set of rooms within the Department, including a reading room that holds a library for Latin American and Amerindian studies. Within Social Anthropology there is also a museum collection of ethnographic objects, and a common room that includes a general anthropological class library, providing a space that is shared by both staff and postgraduates. The Departmental libraries, along with the main library, which holds a fine anthropology collection, include materials from all ethnographic regions of the world.



Weekly research seminars are organised by both the Department and sometimes by the Centres, and include speakers from outside St Andrews and abroad, thus enriching the intellectual environment. Social anthropologists from other UK departments, and beyond, visit and contribute to our series of seminars, and to workshops and conferences arranged by staff members and by research students. We endeavour to create a warm and friendly atmosphere and this also contributes towards maintaining a high quality of teaching and intellectual exchange.

Teaching methods

Taught postgraduate programmes in Social Anthropology are small class format modules, in which formal lectures are combined with seminar style teaching and student-led group work. Every taught postgraduate student is assigned an individual supervisor from among the anthropology staff, who works with them closely to develop a topic and direction for the end of degree dissertation.

Assessment

All taught postgraduate assessment is coursework assessed: 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.

Contact hours over the year

Each taught module offers around 25 hours of contact time with lecturers. In addition, students have around 10 hours of contact time with supervisors in preparation for dissertations.

Class Sizes

Lectures: ~ 5 – 10

Tutorials: 2 – 6



International conferences

An important element in fostering the Department's reputation has been a series of international conferences, each of which has considered an important contemporary theoretical issue within the discipline. These have dealt with, for example, the Anthropology of Violence; Power and Knowledge; Localising Strategies; the Concept of the Market; the Problem of Context; Kingship; the Anthropology of Love and Anger; Ways of Knowing; an Epistemology of Anthropology. The Ladislav Holy Memorial Trust plays an important supportive role for many of these conferences. From time to time distinguished scholars are appointed to the St Andrews Visiting Professorship in Social Anthropology, and each year members of the international academic community join the Department to follow postdoctoral work and other research endeavours. Such visiting scholars greatly enhance the thriving research environment.

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.

See also Careers Centre page 26.

Well known St Andrews Social Anthropology graduates:

- Saba Douglas-Hamilton – wildlife conservationist & BBC presenter
- Nicolas Argenti – anthropologist
- Alexander Schulenburg – historian, independent scholar and activist for the British overseas territory of St Helena
- Nicholas Barker – journalist: winner of *The Independent* Young Journalist of the Year.

Well known people who studied Social Anthropology:

- Kurt Vonnegut – writer
- Thandie Newton – film actor
- Gillian Tett – financial journalist
- Steve Riggio – founder of Barnes and Noble
- Anthony Gormley – artist
- Yo-Yo Ma – musician
- Mario Vargas Llosa – writer and politician
- Tracey Chapman – musician

Social Anthropology

(continued)



MRes programmes

You can enter these programmes either with an undergraduate degree in Social Anthropology, or with no previous anthropological experience but the desire to convert your academic focus into anthropology. The MRes aims to provide 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. You are taught in dedicated postgraduate classes throughout.

- These programmes foster a critical outlook and the creative application of knowledge and skills.
- Teaching is carried out by means of lectures to subject-specific and generic courses, complemented by seminars, supervisions and reading groups.
- You are expected to take an active part in classes, which provide the opportunity for practical work and formative assessment.
- The benefits of studying here are the close links between the research interests and teaching in the Department and the close integration to research centres: Centre for Amerindian & Caribbean Studies, Centre for Pacific Studies and the Centre for Cosmopolitan Studies.

Core modules across all MRes programmes:

- *Anthropology of Connections: Interdisciplinarity as Methodology*
- *Research Methods in Social Anthropology*

MRes in Anthropology, Art and Perception

- Masters training for postgraduate research into Anthropology of Art, Material Culture and Visual Expression.
- Explore new ways of thinking anthropologically providing you with important, cutting-edge research tools for future research.
- Take perception and the senses as a starting point and draw on themes which extend across the subject boundaries between art and anthropology.
- Themes include:
 - apprenticeship and practice-based research.
 - the role of community and co-operation in both making and use.
 - observation through drawing, photography, sound and film.
 - the relationship between art and psychology.
 - heritage.
 - the role of anthropology in design and contemporary art.
 - commonalities between anthropological field work and contemporary arts practice.

Semester 1	Semester 2
<i>The Anthropology of Connections: Interdisciplinarity as Methodology</i>	<i>Research Methods in Social Anthropology</i>
<i>Anthropology, Art and Perception 1</i>	<i>Anthropology, Art and Perception 2</i>
Summer	
Dissertation	

MRes in Social Anthropology and Amerindian Studies

- 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*
- AND/OR
- *The Anthropology of Connections: Interdisciplinarity as Methodology*

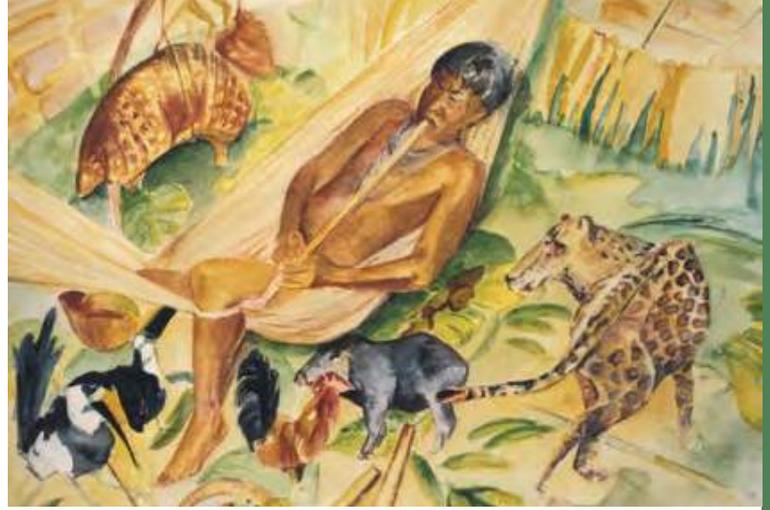
Summer – 15,000-word Dissertation (for MLitt)

Optional modules (chosen primarily from the following list)

Optional modules require a minimum number of participants to be offered. (See page 7 on the revision of programmes and modules.)

- *Amerindian Language and Literature*
- *Amerindian History and Ethnography*
- *Special Subject (Amerindian Studies)*

or other modules available within the Department.



Amazonian imaginings

MRes in Social Anthropology

- A general introduction to Social Anthropology at postgraduate level.
- Combines opportunities for theoretical development and specialist interests, with training in research methodologies.
- Conversion options within the degree structure if you are entering Social Anthropology as a new subject.
- 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*

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

Optional modules (choose two)

Optional modules require a minimum number of participants to be offered.

- *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*
- *Amerindian History and Ethnography* OR *Special Subject (Amerindian Studies)*

MRes in Social Anthropology with Pacific Studies

- Designed for students 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.

Semester 1	Semester 2
<i>The Anthropology of Connections: Interdisciplinarity as Methodology</i>	<i>Research Methods in Social Anthropology</i>
<i>Anthropology of the Pacific 1</i>	<i>Anthropology of the Pacific 2</i>
Summer	
Dissertation	

MPhil programmes

120 credits' worth of modules, taken over eight months exactly the same as the MRes, and a written examination, plus a further twelve months preparing a 40,000-word thesis.

If you have an advanced background in Social Anthropology you may be permitted to enrol directly into the second year of the MPhil and receive the degree solely from the 40,000-word thesis.

Sustainable Development

Masters Degree options

MSc (One Year - Full time)

Coursework & 15,000-word Dissertation

Sustainable Development

MSc (Two Years – Full time, one year St Andrews, one year Moscow)

Coursework & 12,000-word Review Essay

Sustainable Energy

MRes (One Year – Full time, primarily for students wishing to continue to PhD)

Coursework & 15,000-word Dissertation

Sustainable Development

Entrance Requirements

See page 6 for University of St Andrews postgraduate entrance requirements.

Other options

Postgraduate Diploma (Two Semesters – Full time)

Coursework

Sustainable Development

Postgraduate Certificate (One Semester – Full time)

Coursework

Sustainable Development

Contact

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T: +44 (0)1334 464104



Class Sizes

A focus on practical experience in small classes of under 30 students.



Features



Dedicated 24-hour space for postgraduates in the Observatory.
Around five fieldtrips every year at no extra cost.

Postgraduate community

The postgraduate programmes in Sustainable Development have been growing very rapidly. The original MSc programme started with nine students in the 2009-2010 academic year and currently 30 students are registered. On this programme you attend an average number of 24 lectures lasting for three hours each in Semester 1 and an additional 15 lectures in Semester 2. There are also a number of tutorials, seminar presentations, student-led workshops, as well as field trips and away days. There is also a dissertation conference where you can present your research findings before you submit your dissertation.

The double MSc in Sustainable Energy takes place in both St Andrews and Moscow. The first year involves taking similar modules in the one-year programme at St Andrews with a more specific focus on energy issues. The second year challenges students to complete study abroad on a wide range of energy modules.

Sustainable Development students are extremely well catered for in several aspects. Firstly, you have the use of a dedicated postgraduate space in the Observatory. There are ports for physical laptop internet access. The room is also served by high speed WiFi connections. You have access to the room on a 24/7 basis. It offers a location for group or individual work, classes, events, receptions and even relaxation. The building is primarily for the use of Sustainable Development postgraduate students. Secondly, you have a close relationship with staff on the course. Class sizes are limited to provide a one-to-one service for students. This is a unique aspect of undertaking Sustainable Development research and teaching at St Andrews. Thirdly, the interdisciplinary nature of Sustainable Development allows you to interact with a wide range of students in other disciplines. This allows for the creation of an extended group of student and staff contacts. Fourthly, Sustainable Development students have the benefit of a number of targeted field trips, including the Glen Tanar estate trip, pictured opposite, where students reflect on issues from ecology to landownership.

St Andrews is Scotland's first university and the third oldest in the English speaking world, founded in 1413. As well as celebrating its long history, 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



Estate ranger Eric Baird discusses land management at Glen Tanar with MSc students

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.

Why does sustainable development matter?

Humanity faces enormous environmental and developmental challenges in the twenty-first century. The United Nations has identified five global issues of particular concern: the provision of clean water and adequate sanitation, energy generation and supply, human health, food production and distribution, and the continuing threat to biodiversity.

Sustainable development is now widely regarded as the most promising framework within which these challenges can be addressed, moving humanity towards the creation of a more just and environmentally sustainable 'global village'.

There is no single description of what sustainable development means, but one commonly used definition can be found in the 1987 Brundtland Report: "Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

We are living in a time of tremendous opportunity, as people are working together across the globe to address the serious challenges facing humankind. We must learn to live within environmental limits and embrace sustainability as the key concept that will allow us to develop in the twenty-first century and beyond.

Our postgraduate programmes in Sustainable Development, co-ordinated by the School of Geography & Geosciences, will enable you to develop the knowledge and understanding you need, not only to understand all these issues from multiple perspectives but also to utilise the knowledge you gain to tackle them and realise the opportunities they create.

Transition University of St Andrews

Transition University of St Andrews was launched in 2009 and is part of the UK-based Transition initiative, which has been expanding worldwide over the last five years. Transition operates within community groups on a grassroots level, founded and operated by the communities themselves, in response to the threats of climate change and peak oil. 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. It also benefits individuals by developing their skills and encouraging re-consideration of the aspects of life that truly promote happiness and wellbeing. A number of MSc students in Sustainable Development have participated in Transition's activities which complement a number of themes pursued in our programmes.

www.st-andrews.ac.uk/students/advice/greenliving/greentransition

Careers

Your question should not be "What can I do with a degree in Sustainable Development?" but instead "Can you imagine a future where it could not be useful?" Sustainability impacts upon almost all aspects of life, so your future career could take you in one of many different directions. For example, you could:

- Work in industry addressing sustainability aspects of business management, engineering, planning, transport, project management, construction, waste, energy or environmental management.
- Make yourself heard as a sustainability researcher or policy adviser in local, regional or national government, NGOs and campaigning groups.
- Act as an adviser to supra-national bodies such as the United Nations, World Bank, European Union, and the OECD.
- Become a sustainability adviser and assessor working directly in private sector organisations, industry or as a consultant (in both mainstream and specialist businesses).
- Help others directly through development or aid work.
- Spread the word by outreach and education in sustainable living via public or third sector organisations (e.g. Councils or NGOs).
- Stay at university for a PhD, perhaps eventually going on to a teaching or research career.
- Recent graduates now work at: UNDP; the World Bank; Christian Aid in Africa; LCI consultancy; and at a global bank in Dubai.

See also Careers Centre page 26.

Sustainable Development

(continued)



West Sands, St Andrews

Taught programmes

- Interdisciplinary teaching provides multiple perspectives – you will be taught by experts from disciplines across the University and beyond.
- Understand and embrace sustainability from multiple perspectives and take a holistic approach.
- The ability to integrate knowledge is at the core of the degree.
- Develop your ability to understand the complex nature of these problems and how to create strategies that will allow you to overcome them, both now and in the future.
- 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.
- Coupled with the leading role the University plays in implementing sustainable development initiatives in its own estate, you will get the benefit of access to current practice as well as leading theory.
- Field trips bring the subject alive – exploring practical applications of sustainable development brings you out of the classroom and into real-world contexts.
- Our programme structure caters for applicants with differing levels of initial sustainable development specialist knowledge. There is a dual track entry process for the first six weeks, after which you will be taught as a full cohort.



Centre for Social and Environmental
Accounting Research
Accountability Transparency Sustainability

MSc in Sustainable Development

This programme is aimed at students interested in making a change to society, environment and economy with a background in politics, sociology, environmental sciences, biology, mathematics or economics.

Compulsory modules

- *Interrogating Sustainable Development*
- *Master Class in Sustainable Development*
- *Being a Social Scientist*

Summer – Research Project (Dissertation) (for MSc)

Optional modules (choose three) – see page 117

MRes in Sustainable Development

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 Methods in Social Sciences*
- *Qualitative Research Methods in Social Sciences*
- *Being a Social Scientist*
- *Philosophy and Methodology of the Social Sciences*

Summer – Research Project (Dissertation) (for MSc)



A view of Glensaugh Highland Farm

MSc in Sustainable Energy

Compulsory modules

Year 1 – University of St Andrews

- *Interrogating Sustainable Development*
- *Master Class in Sustainable Development*
- *Being a Social Scientist*

Also optional modules chosen in consultation with the programme director.

Year 2 – MGIMO Moscow

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

Summer – Reflective Review Essay (for MSc)

Compulsory modules

Interrogating Sustainable Development – This module will introduce you to, or develop your knowledge across, areas such as the history and genesis of sustainable development, an understanding of earth systems science, the social and economic systems that shape humanity and impact on the environment, and an understanding of how these systems interact.

Quantitative Research Methods in Social Sciences – This module will introduce you to various quantitative and statistical approaches used to analyse social processes and phenomena and how to apply these in sustainable development.

Master Class in Sustainable Development – This module will enable an in-depth study of a number of areas. These areas will be investigated via group work with the research being initiated by invited lecturers from the appropriate areas.

Qualitative Research Methods in Social Sciences – This module will provide you with the necessary skills of dealing with qualitative data from interviews, participant observations, questionnaires and other sources.

Optional modules

Optional modules require a minimum number of participants to be offered. Option choices will vary from year to year, but examples of potential modules provided by the various Schools contributing to the programmes include:

- *Environmental Management and Policy*
- *Environmental Change*
- *Global and Local Issues of the Environment*
- *Wildlife Population Assessment*
- *Being a Social Scientist*
- *Philosophy and Methods*
- *Responsibility, Sustainability and Accountability in Organisations*
- *Anthropology, Indigenous Peoples and Resource Management*
- *Disease and the Environment*
- *Geographic Information Systems for Social Research*

“Studying at St Andrews has allowed me to delve into the field of Sustainable Development through its interdisciplinary approach to learning. I have come out of this year with a deeper understanding of my academic and career interests as well as an international perspective. The sense of community within my cohort and the strong relationships between students and staff made this year’s journey a truly enjoyable and unique one.”

Brenda (Orlando, FL, USA)
MSc Sustainable Development

As our curriculum is dynamic, module titles shown are illustrative of those offered in 2015-2016. For the latest information see: www.st-andrews.ac.uk/coursecatalogue/pg

Programmes and Fee Information*

* Taught Programmes available for 2016 entry. The fee information provided is for 2015-2016 as 2016-2017 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. For an up-to-date list see: www.st-andrews.ac.uk/study/pg/fees-and-funding

Programmes available by Distance Learning (DL) are shown on a white field.

	2015-2016 Home/EU Full Time	2015-2016 Overseas Full Time	MLitt 1 yr	MSc 1 yr	MRes 1 yr
Ancient History and Classics					
Ancient History (also PG Diploma)	£5,500	£15,440	*		
Classical Studies (also PG Diploma)	£5,500	£15,440	*		
Greek (also PG Diploma)	£5,500	£15,440	*		
Greek and Latin (also PG Diploma)	£5,500	£15,440	*		
Latin (also PG Diploma)	£5,500	£15,440	*		
Art History					
History of Photography	£5,500	£15,440	*		
Museum and Gallery Studies (also available part time) also PG Diploma	£5,500	£15,440	*		
Biological Sciences					
Ecosystem-Based Management of Marine Systems	£5,500	£18,470		*	
Marine Mammal Science	£7,830	£18,470		*	
Sustainable Aquaculture (Invertebrates) or (Vertebrates) (Distance Learning) PG Certificate	£6,160	£6,160			
Sustainable Aquaculture (Distance Learning) PG Diploma = £12,310 plus £6,160 for MSc	£18,470	£18,470		*	
Chemistry					
Chemical Science	£5,500	£18,470		*	
Computational Chemistry and Modelling (PG Certificate)	TBC	TBC			
Computer Science (see also <i>Interdisciplinary Degrees – opposite</i>)					
Advanced Computer Science	£5,500	£18,470		*	
Artificial Intelligence	£5,500	£18,470		*	
Computing and Information Technology	£5,500	£18,470		*	
Human Computer Interaction	£5,500	£18,470		*	
Information Technology	£5,500	£18,470		*	
Networks and Distributed Systems	£5,500	£18,470		*	
Software Engineering	£5,500	£18,470		*	
Dependable Software Systems Erasmus Mundus	£2,688 †	£5,760 †		* (2yrs)	
Divinity					
Bible and the Contemporary World (full time, campus-based)	£6,510	£17,090	*		
– also available part time by Distance Learning (fees pro rata)	£1,450 ^	£3,500 ^	* DL		
– dissertation module fee additional to taught module fees listed	£2,160 ^^	£5,690 ^^			
Biblical Languages and Literature	£6,510	£17,090	*		
Scripture and Theology	£6,510	£17,090	*		
Systematic and Historical Theology	£6,510	£17,090	*		
Theology, Imagination and the Arts	£6,510	£17,090	*		
Earth & Environmental Sciences					
Geochemistry	TBC	TBC		*	
Economics & Finance (see also <i>Management – opposite</i>)					
Economics	£6,670	£15,100		*	
Finance	£8,870	£19,300		*	
Money, Banking and Finance	£8,870	£19,300		*	
English (see also <i>Interdisciplinary Degrees – opposite</i>)					
Creative Writing (MFA is a research degree – fees differ)	£5,500	£15,440	*		
Mediaeval English	£5,500	£15,440	*		
Modern and Contemporary Literature and Culture	£5,500	£15,440	*		
Romantic / Victorian Studies	£5,500	£15,440	*		
Shakespeare and Renaissance Literary Culture	£5,500	£15,440	*		
Women, Writing and Gender	£5,500	£15,440	*		
Film Studies					
Global Cinema: Managing and Cultural Curation (Part-time by distance learning) PG Diploma (also available as MFA)	TBC	TBC			
Geography (see also <i>Earth & Environmental Sciences and Sustainable Development</i>)					
Human Geography	£5,500	£18,470			*
History (see also <i>Interdisciplinary Degrees – opposite</i>)					
The Book. History and Techniques of Analysis	£5,500	£15,440	*		
Early Modern History	£5,500	£15,440	*		
Intellectual History	£5,500	£15,440	*		
Iranian Studies	£5,500	£15,440	*		
Mediaeval History	£5,500	£15,440	*		
Mediaeval Studies	£5,500	£15,440	*		

	2015-2016 Home/EU Full Time	2015-2016 Overseas Full Time	MLitt 1 yr	MSc 1 yr	MRes 1 yr
Middle Eastern History	£5,500	£15,440	*		
Modern History	£5,500	£15,440	*		
Reformation Studies	£5,500	£15,440	*		
Scottish Historical Studies	£5,500	£15,440	*		
Transnational, Global and Spatial History	£5,500	£15,440	*		
Interdisciplinary Degrees (see also Sustainable Development – below)					
Central and East European Studies	£5,500	£15,440	*		
Environmental History	£5,500	£15,440	*		
Global Health Implementation	£5,500	£18,470		*	
Health Psychology	£5,500	£18,470		*	
Intellectual History	£5,500	£15,440	*		
Legal and Constitutional Studies	TBC	TBC	*		
Management and Information Technology	£9,340	£19,300		*	
Mediaeval Studies	£5,500	£15,440	*		
Strategic Studies	TBC	TBC	*		
International Relations					
International Political Theory	£6,510	£17,090	*		
International Security Studies	£6,510	£17,090	*		
Middle East, Caucasus and Central Asian Security Studies	£6,510	£17,090	*		
Peace and Conflict Studies	£6,510	£17,090	*		
Terrorism and Political Violence (residential – full time) also PG Diploma	£6,510	£17,090	*		
Terrorism Studies PG Diploma (Distance Learning – part time)	£1,080 [†]	£2,850 [†]	* DL		
– dissertation module fee additional to taught module fees listed	£2,190 ^{††}	£5,690 ^{††}			
Management (see also Economics & Finance – opposite and Interdisciplinary Degrees – above)	£9,340	£19,300	*		
Banking and Finance	£9,340	£19,300		*	
Finance and Management	£9,340	£19,300		*	
Human Resource Management	£9,340	£19,300	*		
International Business	£9,340	£19,300	*		
International Business and Strategy (joint with Moscow State University)	£4,670	£9,650	*		
Marketing	£9,340	£19,300	*		
Mathematics (see also Statistics – below)	£5,500	£15,440		*	
Medicine (see Interdisciplinary Degrees – above)					
Modern Languages (see also Interdisciplinary Degrees – above)					
Comparative Literature	£5,500	£15,440	*		
Crossways in Cultural Narratives Erasmus Mundus Masters (EU)	£1,526 [†]	£1,920 [†]	* (2yrs)		
Cultural Identity Studies	£5,500	£15,440	*		
French Studies	£5,500	£15,440	*		
German and Comparative Literature	£1,485	£15,440	*		
German Studies	£5,500	£15,440	*		
Italian Studies	£5,500	£15,440	*		
Middle Eastern Literary and Cultural Studies	£5,500	£15,440	*		
Russian Studies	£5,500	£15,440	*		
Spanish and Latin American Studies	£5,500	£15,440	*		
Philosophy (also Conversion Diploma)	£5,500	£15,440	*		
Epistemology, Mind and Language	£5,500	£15,440	*		
History of Philosophy	£5,500	£15,440	*		
Logic and Metaphysics	£5,500	£15,440	*		
Moral, Political and Legal Philosophy	£5,500	£15,440	*		
Physics & Astronomy					
Photonics and Optoelectronic Devices	TBC	TBC		*	
Psychology & Neuroscience (see also Interdisciplinary Degrees – above)	£5,500	£18,470			*
Adults with Learning Disabilities (DL)	£2,160	£2,160		* DL	
– also available per module	£540 [~]	£2,160 ^{~~}		* DL	
Adult Support, Protection and Safeguarding (PG Certificate)	£2,160	£2,160		* DL	
– also available per module	£720 [~]	£2,160 ^{~~}		* DL	
The Psychology of Dementia Care (PG Certificate)	£2,160	£2,160			
Evolutionary and Comparative Psychology: The Origins of Mind	£5,500	£18,470		*	
Psychology (Conversion)	£5,500	£18,470		*	
Social Anthropology	£5,500	£15,440			*
Anthropology, Art and Perception	£5,500	£15,440			*
Social Anthropology and Amerindian Studies	£5,500	£15,440			*
Social Anthropology with Pacific Studies	£5,500	£15,440			*
Statistics	£5,500	£15,440		*	
Applied Statistics and Datamining	£5,500	£15,440		*	
Sustainable Development (also PG Certificate and PG Diploma)	£5,500	£18,470		*	*
Sustainable Energy	£5,500	£16,620		* (2yrs)	

† 2014-2015 fee † by taught module †† dissertation module ~ by module ~~ by programme



St Andrews

Orientate Yourself

A prominent landmark, the Cathedral, is at the bottom of the aerial photo on the next page.

Distances:

From Fife Park (1) to the Scottish Oceans Institute (82), 40 minutes walking pace, 15 minutes cycling.

From Admissions (30) to St Mary's College (68), 8 minutes walking pace, 2 minutes cycling.

A map of all University and town buildings is available at:

www.st-andrews.ac.uk/media/university/maps/wwwmap.pdf

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David Russell Apartments



The Gateway



Medical & Biological Sciences



St Katharine's West (Admissions)



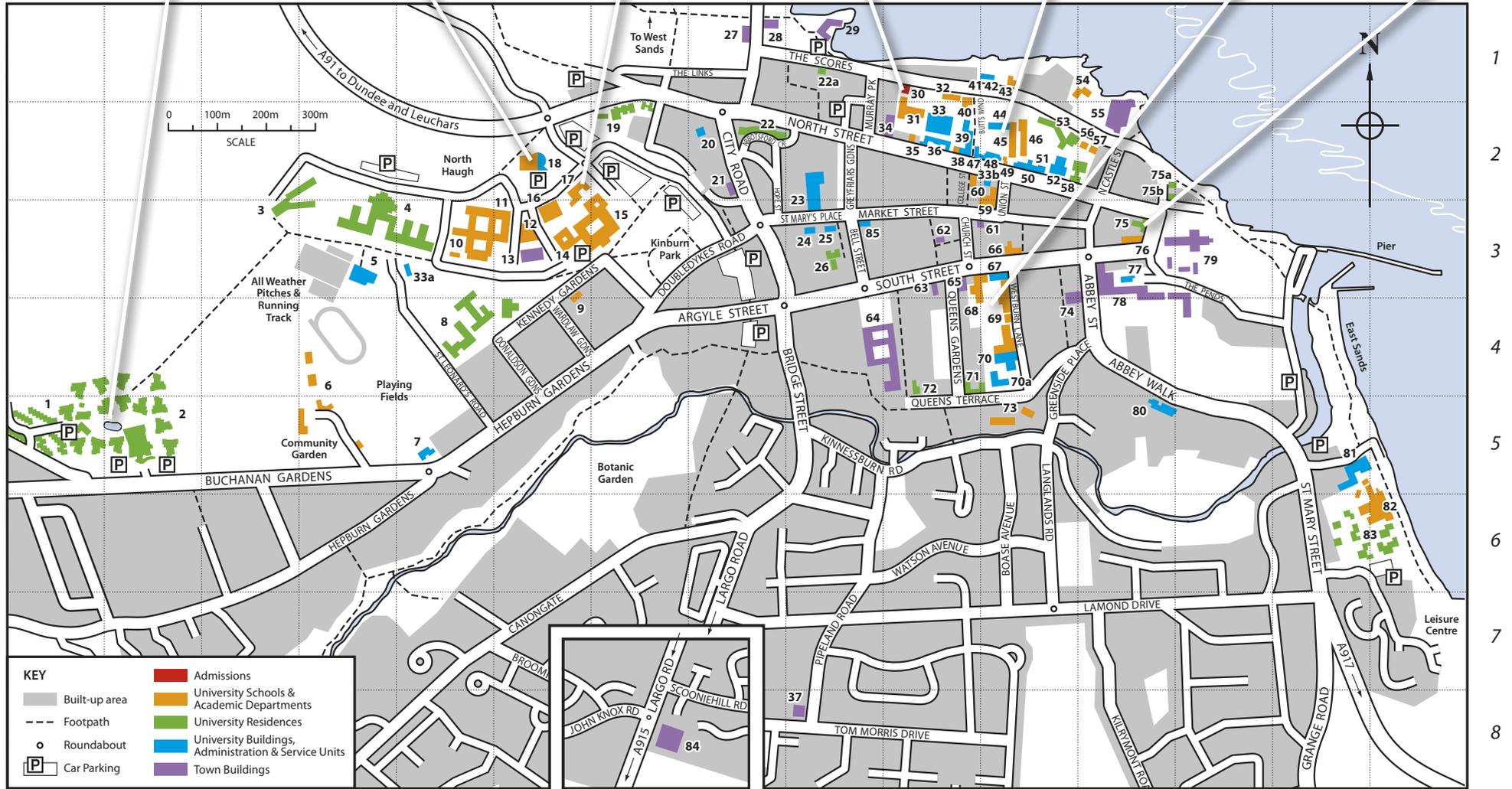
St Salvator's Quadrangle



St Mary's College



Deans Court



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A B C D E F G H I J K L M N O

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 15 minutes) from Leuchars train station into St Andrews. Taxis are also available at the station.

Road

See sketch map

- 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.
- 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.
- From north-west leave Perth on M90 to junction 9 then by A913 to Cupar and St Andrews.
- From north via Dundee, cross Tay Road Bridge on A92 and after 1 mile via A919 to Leuchars and A91 to St Andrews.

Specific driving directions can be obtained from: www.maps.google.co.uk

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

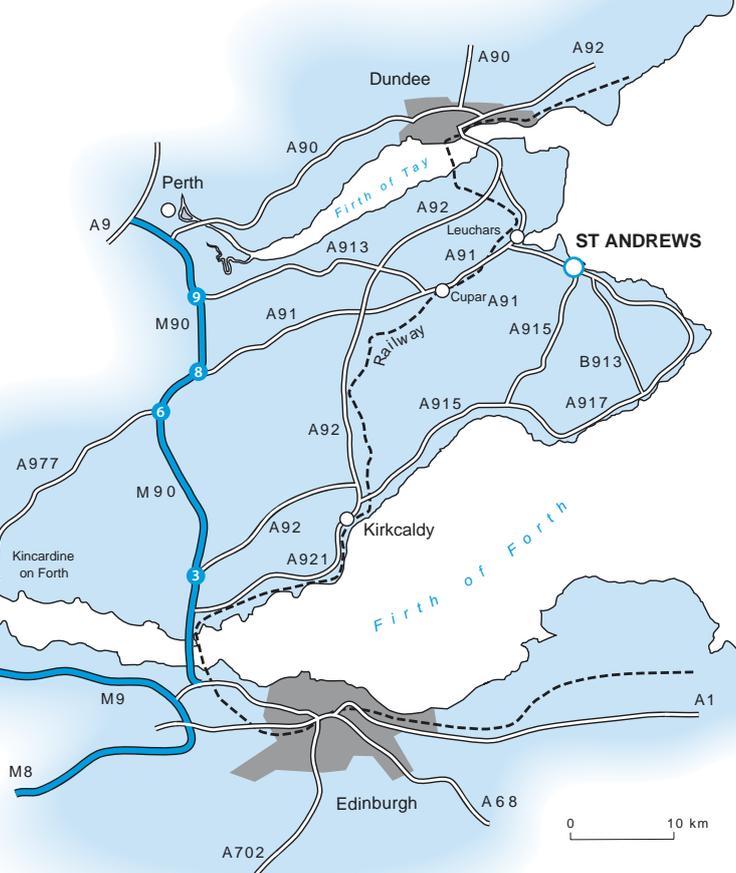
The Tourist Information Office has lists of approved accommodation in the area. They will be able to reserve accommodation for you as well as offering ideas of where to go, what to see and, of course, the best ways of getting there. There are plenty of hotels, guest houses and bed & breakfasts in the 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



Online version of the Prospectus:
www.st-andrews.ac.uk/study/pg/prospectus

This Prospectus is available in Large Print, Braille, or Audio, on request to:
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