



University of
St Andrews

FOUNDED
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Postgraduate
Prospectus

2019 Entry

Visit us

Experience St Andrews for yourself by coming to one of our visiting days.

Find out more about the town, University and your programme of choice. It is also a great opportunity to meet academics, Admissions staff and our students.

www.st-andrews.ac.uk/visiting

14 November 2018

13 March 2019

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Welcome to St Andrews



As Principal and Vice-Chancellor of the University of St Andrews, I am so pleased that you are exploring joining our university as a postgraduate student.

The University of St Andrews welcomes postgraduate students from all over the world, and we recognise that you are a very distinctive group of people. If you join us you will be part of a cohort of over 1,600 postgraduate students, studying in one of our four Faculties of Arts, Divinity, Medicine, and Science.

This prospectus offers you a wealth of information on life as a postgraduate in St Andrews: skills training, fees and funding, accommodation, and future careers; and it contains personal testimonies from our own students about their experiences here.

Postgraduate students on our taught programmes have to pack a lot of new learning into a short time – usually just one year. We do our utmost to support you in making the most of your studies, and your time here. You will benefit from our induction events in September, at the start of the academic year, and from facilities and events organised by our new Graduate School.

Postgraduate research students in St Andrews undertake their project or dissertation and find an ‘academic home’ in a School, which also provides discipline-specific training. This is complemented by a wide range of workshops, seminars, online resources and conferences which are offered centrally.

All postgraduate students are also members of St Leonard’s College, an intellectual and social community. As a member of St Leonard’s, you will benefit from connections and networks which will help you to foster intellectual endeavour, entrepreneurial spirit and a sense of shared creativity.

You will see that St Andrews is a brilliant and inspiring place to study. The University combines the medieval with the modern, the Scottish, the British, and the international. We have global reach but are small enough to provide individual attention to everyone who chooses to study here. We have an outstanding record for teaching, research and delivering a world-leading student experience. We hope you will want to join us as one of our students, and one of our future alumni.

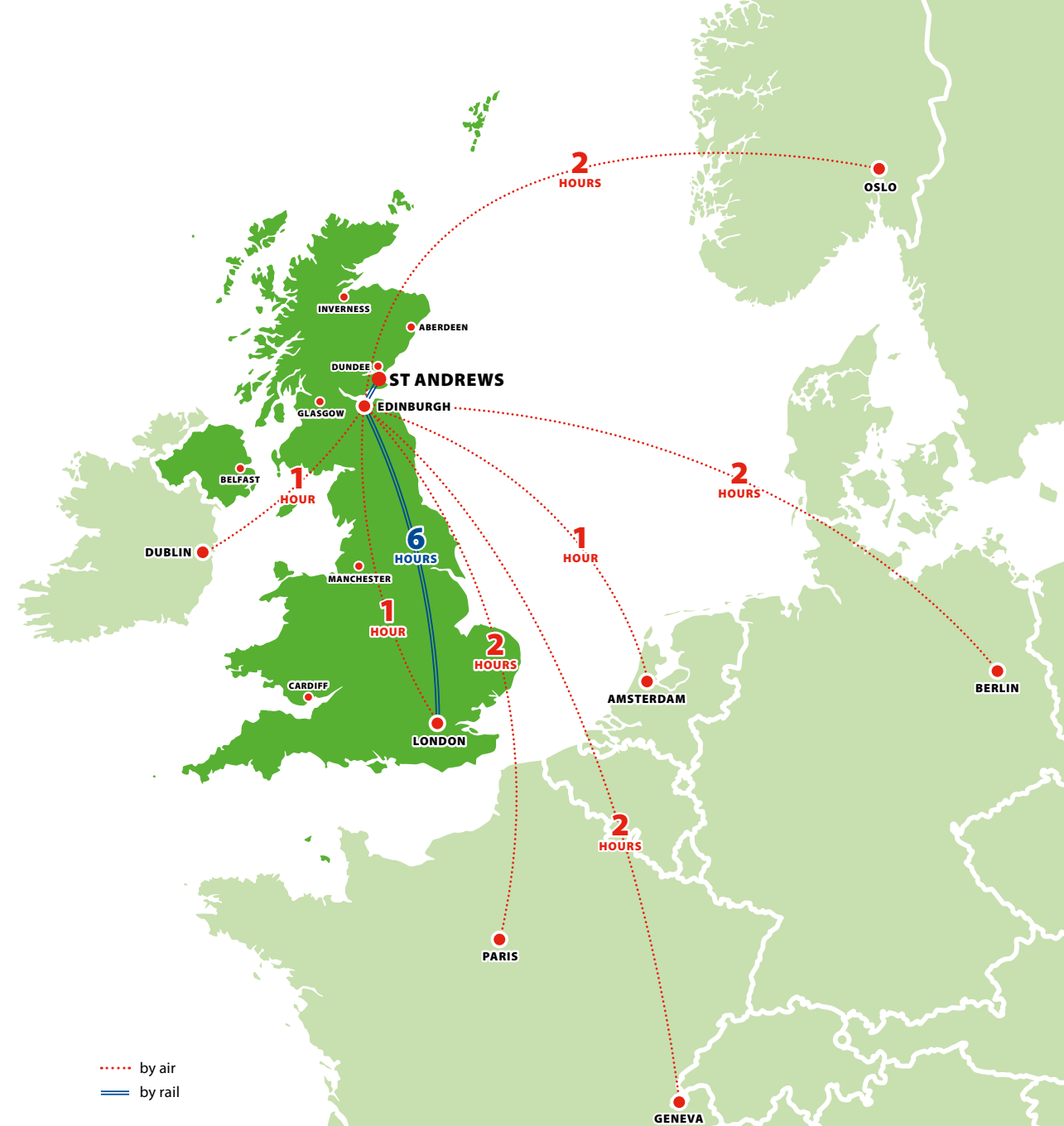
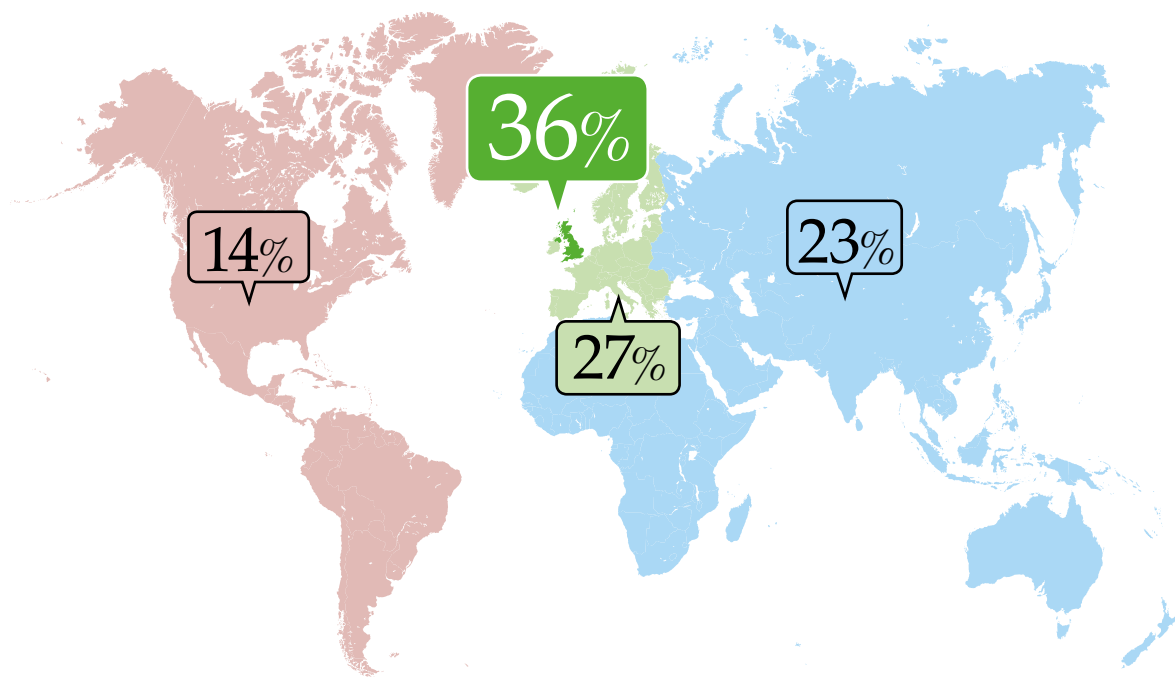
*Professor Sally Mapstone
Principal and Vice-Chancellor*

Where is St Andrews?

St Andrews sits on the **east coast of Scotland** in **Fife**, about an hour **north of Edinburgh**.

The town has a population of just over 20,000 – almost half of which are students or University staff – creating a unique sense of community. With over 140 countries and territories represented in our student body, the town is welcoming, diverse and has a highly global outlook, which benefits everyone who studies here.

Where do our 1,850 postgraduate students come from?



..... by air
 ——— by rail

Edinburgh, Glasgow and the rest of Scotland are all accessible by public transport. Leuchars, our closest train station, is about ten minutes from St Andrews and is part of the main east coast railway line, offering easy access to the rest of the UK and daily trains that will get you to London in approximately six hours.

Our closest international airport is Edinburgh. From here you can fly to destinations across the

UK and Europe, as well as direct flights to the USA, Canada and hubs in the Middle East.

The town is approximately two square miles, with the University spread throughout – making town and University inseparable.

More information about getting to St Andrews can be found online:

www.st-andrews.ac.uk/visiting

Postgraduate degrees



There are two categories of postgraduate study: **taught programmes** (which include most of our Masters programmes) and **research programmes**.

Within each there are a number of programme types, each of which varies in aspects such as length, assessment methods, and the final qualification outcome.

www.st-andrews.ac.uk/subjects/study-options/pg

Taught programmes

Master of Letters (MLitt) and Master of Science (MSc)

Lasting for one year in St Andrews, two-thirds of these programmes will be taught classes. The remaining third comprises a dissertation or project, normally completed in the final months of the programme. Students are supervised on this work, but a high level of independence is expected.

The Master of Letters degree is a postgraduate degree awarded by institutions, like St Andrews, where the Master of Arts is traditionally awarded as an undergraduate qualification.

Master of Fine Arts (MFA)

This is a two-year programme. The first year consists of classes taught through technical seminars, workshops and individual tuition. In the second year, students will produce a substantial body of work under the supervision of a leading academic.

Some programmes also offer the option of a Postgraduate Diploma (the taught classes component of an MLitt or MSc) or a Postgraduate Certificate (half of the taught component of an MLitt or MSc), as well as options for part-time study or distance learning. More information about these options can be found online.

Research programmes

Doctor of Philosophy (PhD)

This research degree usually takes three and a half years full time. The qualification is achieved upon submission and defence of a substantial thesis of original research. You will be supported by a supervisor throughout your time with us.

Master of Research (MRes), Master of Science by Research (MSc(Res)) and Master of Studies by Research (MSt(Res))

These are one-year research-based Masters degrees. There is a significant taught element in the first two semesters and you are required to undertake a dissertation of 15,000 words.

Master of Philosophy (MPhil)

This is a stepping stone between Masters and doctoral level degrees, lasting for two years. The first year of the programme comprises taught classes with the second year being dedicated to writing a thesis.

The Engineering Doctorate (EngD)

This is a four-year degree programme with a strong industry focus. A substantial amount of time is spent on research, usually at a sponsor company, with other taught elements of the programme delivered at St Andrews.

The Graduate School

The Graduate School's **interdisciplinary Masters degrees** offer you innovative approaches to supporting your studies. Programmes are taught by experts from across the University and all Graduate School students take part in **transferable skills** training.

Work across subject boundaries

Graduate School degrees draw on concepts and methodologies from the humanities, social sciences, and physical and life sciences. Core modules are organised around seminars led by subject experts from across the University and optional modules from different disciplines allow you to shape your degree around your own personal and professional interests. You will be encouraged to use ideas from different disciplines to illuminate your studies – giving you new insights into contemporary debates and professional practice.

All of the Graduate School's programmes can be found in the Interdisciplinary degrees section of this prospectus (pages 28-31) or online, they include:

- Conservation Studies
- Contemporary Studies
- Global Health Implementation
- International Development Practice

A vibrant, intellectually stimulating community

The common transferable skills training programme connects your academic learning with the development of professional skills. These focus on the production of outputs directed at defined audiences and can be applied in the assignments you will submit for the core modules.

As well as developing your skills base and preparing you for your assignments, these sessions bring together students from the different degrees – helping you make new connections and providing a supportive social element to the Graduate School community.

Practically-orientated summer research project

Through the core and optional modules you will deepen your subject knowledge, solve problems creatively and with originality, and develop your understanding of research and enquiry methodologies and techniques relevant to academic and professional contexts. You will apply this knowledge and these skills in the summer research project. In some cases the research project may be developed in collaboration with a relevant external agency or organisation, allowing you to gain first-hand professional experience.

The research project can be presented as a standard dissertation, which may be of particular value if you are considering going on to a doctoral degree. Alternatively, your research can be presented as a project report or as a portfolio combining a written component with practical elements such as multimedia content. These options allow you to present your research in a format that reflects real world professional capabilities as well as your own personal interests and creativity.

Contact

More information about the Graduate School can be found online or by contacting the School directly.

www.st-andrews.ac.uk/graduate-school
gradschool@st-andrews.ac.uk
+44 (0)1334 462032



Entrance to St Salvador's Quadrangle

International students

Postgraduate students in St Andrews are a **truly international** body. Our students and staff come from more than **140 countries and territories**, giving us a globally engaged perspective.

Pre-sessional courses

The University offers academic literacy and English language courses leading into your degree programme. These are specifically designed to help you develop and extend your ability to use English effectively in the context of your academic discipline. We will introduce you to the University's facilities, including the Library and Student Services, and you will experience social and cultural life at St Andrews so you can start your degree with confidence. All international students can apply for one of these courses. Both the ten- and four-week Pre-sessional courses can be used to satisfy the English language elements of a conditional offer to study at St Andrews.

Application information and entry requirements can be found online.

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

The **ten-week course** will develop your discipline-specific academic and English language skills, including presentation and academic writing, which you will use throughout your postgraduate studies. There will also be lectures and seminars in your general subject area which will help you improve your listening, note-taking and speaking skills, become used to different lecturing styles and gain confidence in this new teaching environment. This course is available for conditional postgraduate offer holders in the Schools of Management, Economics, Computer Science, Mathematics & Statistics and Geography & Sustainable Development.

The **four-week course** provides a focus on developing the academic language and the English language skills you will need for studying successfully at St Andrews. You will

also develop your use of English in academic contexts. Learning the conventions of essay writing, planning, structuring, drafting and using sources critically is a key component of the course, and one-to-one feedback helps you to develop your abilities. Lectures and seminars delivered by staff from various Schools in the University allow you to build on your listening, note-taking and speaking skills. This course is available to all international students.

In-sessional English Language Service (IELS)

This free service runs throughout the year for all those who use English as a second or additional language.

Offering workshops on critical thinking, communicating argument, academic writing, grammar, listening, pronunciation and speaking, as well as one-to-one tutorials, IELS is designed to support you to make the most of your studies in St Andrews. If you are a Masters student, you may also receive IELS support with writing essays, reports, reflections and dissertations as part of one or more of your modules.

IELS is particularly useful for doctoral researchers as we offer regular one-to-one tuition on building your research communication skills, including writing your thesis, conference abstracts and papers for publication as well as giving presentations.

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

Support for international students

Our Student Services team is dedicated to assisting our international students with the transition to living in the UK, including an international adviser.

www.st-andrews.ac.uk/study/support/international-students



Study space in the Gateway building

Life in St Andrews



St Salvator's Quadrangle

Welcoming, diverse and cosmopolitan, being a part of our postgraduate **community** at St Andrews will offer you many opportunities.

Life in St Andrews is varied and flexible to suit your lifestyle. As a postgraduate student, you can get as involved with societies, sports clubs, academic talks, and events as you want to be, and know that there is always support and guidance available when you need it.

Postgraduate community

The Postgraduate Society and St Leonard's College form the heart of our postgraduate community at St Andrews. The social side of student life is organised by the Postgraduate Society, who run events, gatherings and dinners throughout the year to let you meet and network with other postgraduate students. They also organise regular trips out of St Andrews that allow you to explore other parts of Scotland.

St Leonard's College looks after the academic and operational aspects of postgraduate life, ensuring that you have the facilities and environment to help you flourish.

Academic talks and lectures

Throughout the year there is also a wide range of talks, lectures and seminars that are open to you. Featuring academics from across the University and beyond, topics vary across the year, with some focusing on the speaker's specialism and others being discussions on much broader topics.

The town

The location of St Andrews is truly special. Measuring approximately two miles end-to-end, and combining its medieval and contemporary features, St Andrews has a fascinating history and all the amenities of twenty-first century living. Our location on the east Fife coast also means we have miles of beaches, the air is clear and there are transport links to cities across Scotland.

The Students' Association

At St Andrews, you will have access to all of the societies, facilities, events and support offered by the Students' Association. You will automatically be a member of the Students' Association and its 12 subcommittees, which cover a range of activities, including volunteering, charity fundraising, the performing arts, On The Rocks (the UK's largest student-run arts festival), music, radio broadcasting, debating, and the Postgraduate Society. In addition, you can join any of the 150+ student societies. The Students' Association also represents all students at the University, and you are welcome to talk to any of the six elected Sabbatical Officers throughout your studies; they individually focus on areas that they feel matter the most to you such as academic representation, wellbeing, student development and events.

www.yourunion.net

Traditions

As you might expect from an ancient university, there are a number of traditions throughout the year that help to make the St Andrews experience unique. Whether this is avoiding stepping on the PH outside the Quad (said to bring bad luck to students), being adopted into an academic family (an informal student mentoring system for new students) or taking part in Raisin Weekend, traditions are a way of celebrating our students throughout history, often with a contemporary twist.

Study spaces and resources

As a postgraduate student, you will have access to a range of **libraries, facilities** and **study areas** throughout the University. This includes libraries, research rooms and spaces in academic Schools, letting you find a **study environment that suits you**.

Libraries, facilities and study spaces

There are a number of libraries across the University which provide a range of different locations to choose from, including busy modern social spaces together with smaller, characterful historic buildings. Our Main Library offers silent areas, group study rooms and a café.

The Main University Library:

- Is located in the centre of town.
- Has over 1,000 study spaces in a range of styles to suit how you study.
- Is open for more than 100 hours per week during the semester.
- Holds over one million volumes, a large e-book collection, thousands of print and electronic journals and academic databases.
- Provides expert support from members of our specialist Academic Liaison Librarian Team.
- Provides help and training on finding information.
- Has lots of computers for you to use.
- Provides a Short Loan Collection of high-demand books recommended by lecturers.
- Has an inter-library loan service and reciprocal borrowing rights with local and national universities.

www.st-andrews.ac.uk/library

Additional postgraduate study spaces and resources

Each academic School has resources tailored to the needs of its postgraduate students, whether this is access to specific materials, labs or software. These will vary by subject area, but should you have any specific requirements your academic School will be happy to help you.

In addition to the Main Library, you can also use the J F Allen Library (in the School of Physics & Astronomy, which holds resources for science subjects, and offers a variety of study spaces), and St Mary's College Library, including the historic King James Library, located in St Mary's Quadrangle.

Postgraduate students also have the use of the Thomson Reading Room within the Richardson Research Library, which is located in an old church in the centre of town. In 2014 the University fully renovated Martyrs Kirk and it now holds the Library's Special Collections reading room, as well as the beautiful postgraduate reading room.

There are also 24-hour computer classrooms open to all students.

The University Library's Special Collections Division holds 210,000 rare or printed books, collections of manuscripts and photographic material, as well as the University's institutional archives, which can be accessed by students requiring historical materials.

There are also a number of IT resources available to all students to ensure you 'stay connected' and have access to support should you need it. These include computer classrooms open 24 hours a day, wifi provision throughout the University and secure printing and copying facilities.



King James Library



J F Allen Library



Group pods, Main Library



Martyrs Kirk

Accommodation

There is a **range of accommodation** options **specifically designed to meet the needs** of postgraduate students. **All postgraduates** can apply for University accommodation.

Key information

- Applications open on 1 March each year.
- You can apply for University accommodation once you have accepted an offer (and made the pre-payment, if required).
- Apply as early as possible, postgraduate accommodation is limited and allocated on a first-come, first-served basis.
- Accommodation is guaranteed for taught postgraduate students who normally reside outside of the UK and EU.
- There are options for couples and families.

Halls of residence

There are a number of halls of residence for postgraduate students. Some of these are exclusively for postgraduate students, whilst others share a site and some facilities with undergraduate students. These halls are spread across the town and offer a range of options in order to best meet your needs. These include catered or self-catered, en-suite rooms or shared facilities and studio apartments. The details of all our accommodation options can be found online: www.st-andrews.ac.uk/study/accommodation/halls/postgraduate-halls

Private accommodation

Many students look to rent privately either in St Andrews or the surrounding area. StudentPad is the University's student accommodation search engine, which allows you to find accommodation in or near St Andrews. It lists properties that are available to let directly from the landlords and information on how to rent and where to get information. www.standrewsstudentpad.co.uk

The Students' Association also provides advice and support for students looking to rent privately. www.yourunion.net/support/accommodation

Students with disabilities

The University 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 when you apply.

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.

Support

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 (the ASC).

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 office hours the out-of-hours team will be able to assist you.

Contact

More information about accommodation can be found online or by contacting Student Accommodation Services.

www.st-andrews.ac.uk/study/accommodation
accommodation@st-andrews.ac.uk
+44 (0)1334 462510



David Russell Apartments

Support and welfare

Throughout your time at St Andrews as a postgraduate student there will be a **network of support facilities** to ensure that help is on hand when you need it.

Student Services provides a range of services, including:

- The Advice and Support Centre (the ASC), an information centre for students
- Disabilities team
- Life and wellbeing advice
- Counselling and mental health
- International and immigration advice
- Advice on money and finances
- Advice on academic issues
- Wardens and residential support for students in University residences.

Postgraduate Adviser

The University offers a dedicated Postgraduate Adviser. Whether academic or personal in nature, you will be offered access to resources and referrals can be made to specialist services if required.

The ASC

The Advice and Support Centre is the first port of call for any queries. Staff at the ASC are happy to answer any question, from paying bills to obtaining an academic transcript, seeking advice on visas, looking for help with a personal issue, or any other student matter. The team can also book appointments with one of Student Services' specialist advisers for further support and advice.

Health

There are two external primary care medical practices in St Andrews with many years of experience dealing with the student community. www.st-andrews.ac.uk/study/support/healthcare

Disabilities

Within the Student Services team, there are disability and specific learning difficulties advisers. They can be contacted at any stage of the application process for information, advice or support by emailing disability@st-andrews.ac.uk. Applicants are encouraged to make their needs known on their application form.

Wellbeing and counselling

There may be times when you want professional support to resolve difficulties you encounter. Student Services' counselling and wellbeing services work to help you access the assistance you need to have a well-balanced life. The team includes life and wellbeing advisers, counsellors and a mental health coordinator.

www.st-andrews.ac.uk/study/support/student

Chaplaincy and faith

The University Chaplain and all in the Chaplaincy offer friendly, non-judgmental support to all students regardless of faith or philosophy of life. The Chaplaincy offers worship in the University, and looks after space which is available for prayer and meditation. A team of Honorary Chaplains from different faiths, including Humanism, supports a number of student-led faith societies. The Chaplaincy offers an international students befriending scheme putting students for whom English is not their first language in touch with local people.

www.st-andrews.ac.uk/study/support/chaplaincy

chaplaincy@st-andrews.ac.uk
+44 (0)1334 462866

Family and childcare

If you are bringing your family to St Andrews and require information about available resources, including childcare provision and schooling in the area, please contact Student Services via the ASC.

www.st-andrews.ac.uk/students/advice/family

Contact

More information about how the University will support you can be found online or by contacting Student Services.

www.st-andrews.ac.uk/student-services
theasc@st-andrews.ac.uk
+44 (0)1334 462020



Market Street

Sport

Whether you **compete** in a sport, play **socially** or **want to get fit**, there are more than **60 sports clubs** and **sector-leading facilities** waiting for you.

As a postgraduate student you can take part in and enjoy every aspect of sport on offer in St Andrews. Whether it is reaching the pinnacle of your sporting career, staying fit and healthy throughout your studies, having fun playing the sport you love or trying a sport for the very first time, there is something for everyone.

Over the last few years the University has invested £14 million in our sports facilities. Now complete, the redeveloped Sports Centre offers some of the best facilities in Scotland, including a 130-station gym, a strength and conditioning suite and a new indoor tennis centre.

Performance sport

The University recognises 12 sports as part of the Performance Programme, each benefiting from increased support and a dedicated sport-specific Director or Head Coach. This support includes sport science interventions such as strength and conditioning and performance analysis, increased funding and greater access to training facilities and long-term development and performance strategies.

Supported athletes programme

The University also encourages individual sporting excellence by supporting talented athletes who are studying at St Andrews and competing at an international level. Students on the University's performance golf programme may also apply for the prestigious Arnold Palmer Scholarship or an R&A Bursary.

Sports clubs

With over 55 sports on offer, Saints Sport caters for all levels of ability and aspiration. Over 100 teams compete in British Universities & Colleges Sport (BUCS), Scottish Student Sport (SSS), local and national leagues and cup competitions.

Most of the sports clubs also offer the chance to play your sport on a more recreational level. This lets you play socially and improve your skills

whilst fitting around your schedule. There are also recreational activities, letting you get to know the people who play your sport.

Health and fitness

The Saints Fitness programme offers a full range of services to all our students including fitness consultations, personal training, and strength and conditioning support. Our varied exercise class programme runs all year round and is tailored to suit all levels and abilities. With over 40 classes per week including Yoga, Pilates, Zumba, Spin, and Barre Fit, our instructors are here to help you get the most out of your workout, whilst helping you to improve your overall fitness.

Volunteering opportunities

There are many opportunities to volunteer within sport during your time at St Andrews. The University assists students seeking to gain coaching and referee qualifications and most of our activities are supported by student volunteers.

Student coaches from our sports clubs run regular taster sessions in local schools, coach at after school clubs and take sport-specific training sessions for local clubs. Our international volunteering projects also offer students a wonderful opportunity to enhance their global awareness and develop their leadership, coaching and teaching skills.

Postgraduate scholarships

To find out about postgraduate taught programme sports scholarships, please contact Gary Brankin: gb50@st-andrews.ac.uk

www.st-andrews.ac.uk/sport



Your future



Graduation procession

Your time as a postgraduate student will be much shorter than your undergraduate study. Whether you are planning on **starting a career** or going on to **further study** when you graduate, you should be **planning for your future** from the beginning of your course.

At St Andrews you will have access to a range of resources, expert staff and opportunities to help you plan and prepare for your future, whichever path you choose to take. This includes facilities for developing your skills and increasing your employability, as well as the support from our Careers Centre and the Centre for Academic, Professional & Organisational Development (CAPOD).

Skills development

The **M-Skills** programme is designed specifically for taught postgraduate students and covers four main areas through a range of workshops, lectures, mentoring schemes and networking events.

- Making the most of St Andrews (welcome events, networking with other postgraduates, selected mentoring schemes).
- Getting through your course (key academic and study skills, IT skills and dissertation writing skills).
- What comes next? (Supporting your career aspirations, including finding a job, entrepreneurship and studying for a PhD.)
- Getting set for the workplace (learning professional skills that employers value).

www.st-andrews.ac.uk/pgstudents/academic/advice/mskills

The **GRADskills** programme offers workshops, networking events and other activities designed specifically for research postgraduate students, including specialist workshops for research students who teach. GRADskills aims to improve your transferable skills and widen your employability inside and outside of academia.

There are over 50 different workshops covering a wide range of topics, all mapped to the Vitae Researcher Development Framework, such as:

- Knowledge and intellectual abilities
 - Suite of Microsoft Office workshops.
 - Suite of statistics workshops.
- Personal effectiveness
 - Managing your research and working effectively with your supervisor.
 - Getting and staying organised for success.
 - Preparing for your viva.
- Research governance and organisation
 - Research data management.
 - Fundraising for your postdoctoral studies.
 - Grant writing: writing for success.
- Engagement, influence and impact
 - Leadership and teamwork for researchers.
 - Extensive suite of academic writing and publishing workshops.
 - Practical public engagement.

www.st-andrews.ac.uk/capod/students/pgresearch/gradskills

Careers advice and support

Our Careers Centre offers a wide range of resources to help you enhance your employability. These include:

- Seminars and workshops on topics such as CVs, applications and presentations.
- Mock interview and assessment centre sessions.
- Databases of work shadowing opportunities, part-time jobs, internships, and graduate jobs, including opportunities around the world.
- Careers fairs and employer visits.

As a postgraduate student, you are encouraged to take part in extracurricular activities across the University where you can develop skills that employers find highly relevant. You will find more information on clubs and societies on page 13 and sporting activities on page 20.

You are also encouraged to approach the Careers Centre as early as possible so that you can take advantage of all the resources available. In addition to helping you develop your professional skills, our Careers Centre also has dedicated staff for postgraduate students providing:

- One-to-one careers guidance, including advice on applying for PhD or postdoctoral positions.
- Student enterprise support, including the Tier 1 Graduate Entrepreneur Visa scheme.

www.st-andrews.ac.uk/careers

A lifelong St Andrews connection

While the time you spend in St Andrews may be relatively short, the connections you will make with the people you meet on your programme, with the University and with the town will last a lifetime.

Our Alumni Relations Office will help you stay connected with our graduates from all over the world, offering social and networking opportunities through its alumni clubs, as well as keeping you up to date with news and developments at the University.

www.st-andrews.ac.uk/alumni

All our alumni get a range of benefits offered by the University, including lifelong support from our Careers Centre. This offers alumni the chance to get one-to-one advice and networking opportunities. Networking happens both in person through a series of networking nights in cities around the world and digitally through Saint Connect, the University's own social networking platform.

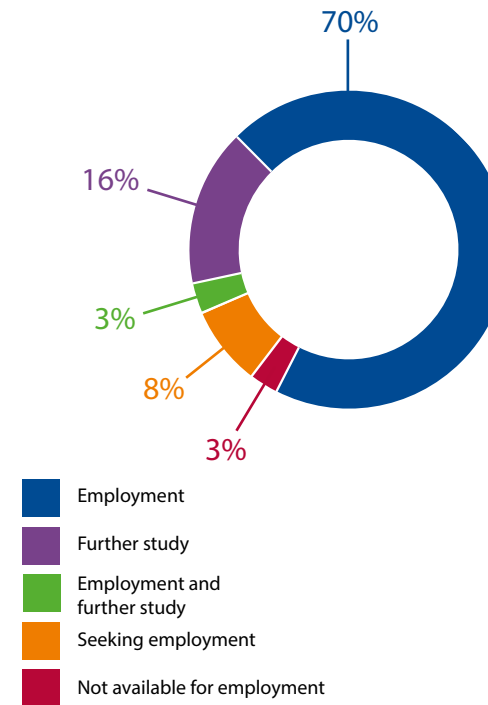
www.st-andrews.ac.uk/saintconnect

Where our graduates go

In recent years, our postgraduates have gone on to a vast range of destinations.

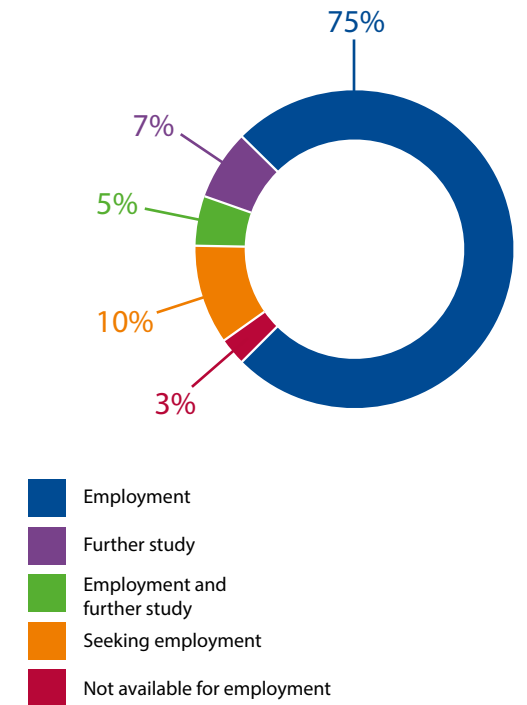
www.st-andrews.ac.uk/careers/exploring-your-future

Taught postgraduate destination statistics*



* Source: Higher Education Statistics Agency 2016

Research postgraduate destination statistics*



* Source: Higher Education Statistics Agency 2016



Graduation procession

Subjects



St Andrews from St Salvator's Chapel tower

Interdisciplinary degrees

✉ www.st-andrews.ac.uk/subjects/interdisciplinary
admissions@st-andrews.ac.uk

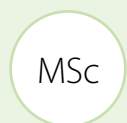


West Sands

Taught programme options



Contemporary Studies
 Intellectual History
 Mediaeval Studies
 Strategic Studies



Conservation Studies
 Global Health Implementation
 Information Technology with
 Management
 International Development Practice



Information Technology with
 Management
 Strategic Studies

Working across traditional subject boundaries, interdisciplinary degrees draw on expertise and methodologies from across the humanities and social and physical sciences to offer a unique take on a subject that builds both your knowledge and transferable skills.

- Taught by experts from different disciplines across the University.
- Explore your subject through a range of theoretical and methodological approaches.
- Graduate School programmes all feature a transferable skills component and practically-orientated summer research programme.

Postgraduate community

Students on our interdisciplinary degrees will get the advantage of learning from a range of expertise from different Schools and Departments across the University, whilst having the identity of being part of an academic School.

Throughout the year there will also be lectures, conferences and seminars organised within academic Schools, research institutes and through a number of student societies. These can be presenting research carried out in St Andrews or with external speakers in the field, allowing you to learn about the most current ideas in each subject and network with industry professionals.

Teaching format

Each of the interdisciplinary degrees are taught in slightly different ways, depending on the subject matter of the programme. Most will comprise two semesters of full-time coursework, taught class and group work, usually in the form of seminars and tutorials. Some programmes will also include practical classes, talks from industry professionals and fieldwork, in order for you to gain hands-on experience in a particular area of focus.

Postgraduate community

All interdisciplinary programmes will have a dissertation or project, usually worked on through the summer months at the end of your programme. This will vary depending on your programme, but are designed to equip you with the skills you require to start your career or continue on to further study.

Careers information

Our fantastic global reputation makes St Andrews graduates highly valued by employers. Graduating with an interdisciplinary degree will provide you with subject knowledge across a range of traditional subject areas. Alongside your studies you will be able to complete the skills programme, a programme of face-to-face and online workshops and training materials for Masters students. This will help you develop the broader personal and professional skills you need to succeed in your degree and enhance your employability.

Research skills

An interdisciplinary degree will provide you with essential transferable skills – such as analysis and appraisal, critical thinking and creativity, problem solving and decision-making. You will learn how to:

- synthesise multiple perspectives and generate new approaches.
- combine and apply different methodologies to research questions.
- engage with the latest research across related subjects.

By engaging with different theoretical and methodological approaches, you will be able to broaden your learning and develop the ability to approach questions from different disciplinary perspectives – allowing you to return to, and potentially enrich, your “home” disciplines with new perspectives.

Interdisciplinary degrees

www.st-andrews.ac.uk/subjects/interdisciplinary

Conservation Studies (MSc)

A one-year interdisciplinary Masters degree that brings together students from a range of backgrounds but with a shared passion for conservation.

- Explore conflicts between different human agencies, engage with conservation policy and governance at different scales (local, national, and international), and consider the relationship between the public, science, and policy.
- Research ecological case studies and examples from a range of habitats in aquatic and terrestrial systems and gain a scientific understanding of data collection and analysis.
- Interdisciplinary approach means you can explore a range of methodological approaches to conservation – ecological, economic, historical.

Contemporary Studies (MLitt)

A one-year interdisciplinary Masters degree that explores how issues deemed to be “contemporary” are constructed and researched by different academic disciplines as well as those outside the academy.

- Brings together students from the humanities, social sciences, and physical sciences – offering an interdisciplinary degree that is unique within St Andrews.
- Broadens your knowledge base and enhances your skills of analysis and communication; you will think beyond the methodologies of any single discipline and start to develop a common lexicon that bridges disciplinary divides.
- Students complete two short placements that promote engagement beyond academia and help you develop your professional skill set.

Global Health Implementation (MSc)

Provides students with the skills and knowledge to fulfil roles as global health implementation practitioners, policy makers or academics. Peer-interaction and student-centred learning are at the heart of the curriculum, and this programme supports the development of critical thinkers and radical practitioners.

- Delivered by academics from across the University, as well as academics, practitioners, and government officials from different sectors and disciplines from across the globe.
- Provides a detailed theoretical understanding of the global health implementation literature and issues within the field associated with the attainment and maintenance of health, on a global level.
- Supports the development of critical thinkers and radical practitioners in global health implementation.
- The course is non-exam based and incorporates a variety of alternative assessment techniques such as written assignments, oral and poster presentations, peer- and self-assessment.

Information Technology with Management (MSc/PGDip)

Provides students from disciplines other than business and management with the knowledge and the analytical and critical skills needed to manage the information and communication technologies that underpin all successful business practice.

- Teaches you contemporary information and communication technologies to prepare you for a career in IT management or related areas.
- Combines the skills and experience of leading academics from the Schools of Management and Computer Science.
- Accredited by the Chartered Management Institute.

Intellectual History (MLitt)

An interdisciplinary programme which provides students with a broad knowledge of the latest intellectual-historical research, encompassing politics, religion, philosophy, science, international relations, economics and literature.

- 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.
- Experts from across the University will raise your awareness of the different kinds of intellectual history being practised today, and the relationship between intellectual history and other areas of study.
- Solid grounding through early training leads to the exciting opportunity to structure your in-depth research individually under the guidance of a world-class scholar.

International Development Practice (MSc)

A one-year interdisciplinary Masters degree that combines exploration of key theoretical concepts in development studies with training in skills used by development practitioners.

- Emphasises practical skills relevant to international development careers, particularly the use of data methods to understand and improve the effectiveness of development programmes.
- Practical components are, in part, taught through workshops facilitated by development practitioners and the summer research project may be undertaken in collaboration with an organisation involved in development work.
- An interdisciplinary approach means that you can explore a range of methodological approaches and use ideas from different disciplines to illuminate development studies questions.

Mediaeval Studies (MLitt)

An interdisciplinary programme which equips students with knowledge of different theoretical approaches and current debates in the fields of history, art history, languages and literature.

- Draws on the long-established and recognised strengths in Mediaeval Studies available from the participating disciplines – Art History, Divinity, English, History, Modern Languages and Philosophy.
- Benefits from the vast range of our staff’s expertise, from Late Antiquity to the fifteenth century and across the medieval world, from the Middle East and the Mediterranean to the British Isles and Scandinavia.
- Introduces different theoretical approaches, current debates and the nature of cross-disciplinary and interdisciplinary work.
- An opportunity to combine training in Manuscript Studies and Palaeography with interdisciplinary work, language training, or single discipline modules.
- Includes weekly seminars and regular workshops bringing students into direct contact with visiting academics.

Strategic Studies (MLitt/PGDip)

Addresses core themes in strategic studies, enabling students to apply knowledge of strategy-making and strategic thinking as a historical practice to armed conflict.

- Addresses core themes in strategic studies. This programme is firmly grounded in an historical approach to the subject, with a view to both military history and strategic theory as a subfield of intellectual history and political theory.
- The wide-ranging choice of optional modules enables you to tailor the programme’s taught elements to your individual requirements and interests.

Art History and Museum and Gallery Studies

www.st-andrews.ac.uk/subjects/art-history
arthist@st-andrews.ac.uk



The Learning Loft, MUSA

Taught programme options



Art History
History of Photography
Museum and Gallery Studies



Museum and Gallery Studies

Teaching and research interests in Art History at the University of St Andrews extend from the medieval to the modern periods, focusing on the major arts of painting, sculpture and architecture, but also encompassing applied arts, graphic arts and photography.

- One of the largest Schools of its kind in the United Kingdom with an academic staff of 22.
- Between 30 and 40 postgraduate students are admitted each year. The School of Art History has a friendly face and is responsive to the needs of individual students.
- We are distinguished by our specialisms in History of Photography and Museum and Gallery Studies. The Museums, Galleries and Collections Institute (MGCI) is hosted at St Andrews, and we are also part of the University's Institute of Mediaeval Studies.
- The School is also part of the University's St Andrews Scottish Studies Centre.
- All taught postgraduate students can apply to participate in a three-week summer school in Paris at the École du Louvre.
- The School was ranked top in Scotland and second in the UK for art historical research in the latest Research Excellence Framework.

Postgraduate community

The School takes pride in offering a relaxed but stimulating environment in which staff and students contribute equally to the creation of a friendly atmosphere.

The School supports a large, active and diverse postgraduate community. Postgraduate students publish the *North Street Review*, an annual arts and visual culture journal.

The School organises postgraduate research seminars and occasional symposia. Each year we invite a number of artists and scholars to give lectures.

Teaching format

Art History and History of Photography are taught as small group discussion seminars, with an average size of four to eight students in each group. Additionally, there may be class trips where relevant in the taught modules.

Museum and Gallery Studies is delivered through a mixture of lectures, seminars, practical sessions and visits to museums and galleries. Class sizes typically range from 18 to 24 students, and exhibition teams range from 6 to 9 students.

Careers information

Recent postgraduates in Art History are employed in universities and archives, museums and galleries, auction houses, radio stations, publishing houses and magazines.

In addition, postgraduates in Museum and Gallery Studies have a very good record of obtaining jobs in museums or related organisations. Of the 85% of students for whom we have records, 90% are now working in museums or heritage related jobs, or have gone on to advanced research or further training.

Research specialisms

The principal strengths of research in Art History lie in the areas of:

European and American modernism
History of photography
Islamic art
Medieval and Renaissance Italy
Medieval Europe and the British Isles, including Scotland
Museum and gallery studies

"I chose St Andrews because of its reputation in Art History. The programme has helped promote my academic capability and has provided high-quality teaching."

Dong (Chongqing, China)

Art History and Museum and Gallery Studies

www.st-andrews.ac.uk/subjects/art-history

Art History (MLitt)

Offers a diverse range of subject areas, from early medieval art and architecture to contemporary performance art. Modules address major themes and concepts that connect different periods of art history.

- Students have access to extensive library holdings including a major Visual Resources Collection with over 150,000 images and a microfiche copy of the Conway and Witt photographic archives, comprising some two million images of works of art.
- Students have the opportunity to attend class trips, and there is a research seminar with guest lecturers for all staff and students every two weeks.
- Students may apply to take part in a summer exchange programme with the École du Louvre in Paris. Students are expected to arrange and pay for their own travel and accommodation.

History of Photography (MLitt)

Offers a range of innovative courses covering the nineteenth-century origins of photography and the camera to high-modernist art photography, and the documentary narratives and technological advances of the twentieth and twenty-first centuries.

- Students are introduced to the theoretical and methodological challenges and debates that photography's multiple functions and contexts have provoked since its invention.
- Full use is made of the outstanding photographic collections of the University Library and associated archives, such as that held by the National Gallery of Scotland in Edinburgh.
- Small class sizes prioritise discussion with peers and interaction with the tutor.

Museum and Gallery Studies (MLitt/PGDip)

Prepares students for employment in museums, principally as curators, with broad training in all types of museums, galleries and other heritage facilities. There is an opportunity for full-time students to organise a professional exhibition in a public venue.

- The main focus of the training is curatorial work and the principles of conservation, museum education, exhibition planning and design, and management.
- The extensive University Museum Collections at St Andrews are particularly suitable for curatorial training and give the programme a unique character.
- The teaching usually takes place in the Museum of the University of St Andrews (MUSA).
- A part-time version is taught through residential schools and work-based projects, it runs every two years and is aimed in particular at people already working in museums.
- The Postgraduate Diploma can be converted to an MLitt on production of a dissertation of 15,000 words.



School of Art History



“The fact that there is a great deal of work experience integrated into the MLitt was a real draw. The idea of a balance between practical and academic experience appealed to me and with a small Masters community in the School there are plenty of opportunities for assisting with projects and research.”

Eilidh (Fife, Scotland)

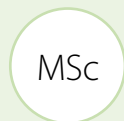
Biology

www.st-andrews.ac.uk/subjects/biology
bioadmissions@st-andrews.ac.uk



Students on the *Scientific Diving* course in Indonesia

Taught programme options



Marine Ecosystem Management
Marine Mammal Science
Sustainable Aquaculture



Sustainable Aquaculture



Sustainable Aquaculture
(Invertebrates) or (Vertebrates)

You can study life at all levels of organisation, from the molecular biology of virus replication to the behaviour of animals in their natural habitats, and the functioning of entire ecosystems.

- The School of Biology at St Andrews is one of the largest in the UK, with 73 academic and related staff and 85 postdoctoral researchers.
- Research is organised into three major interdisciplinary centres: the Scottish Oceans Institute (SOI), Biomedical Sciences Research Complex (BSRC) and Centre for Biological Diversity (CBD). Together these centres encompass the full spectrum of research in biological sciences, spanning investigations into the properties of individual molecules, and the behaviour of organisms to the dynamics of ecosystems.
- The School was ranked second in the UK for its research impact in the latest Research Excellence Framework.

Postgraduate community

The St Andrews BioNetwork, founded in 2009 by Biology postgraduates, provides a great social and academic forum bringing together Masters and PhD students at different stages of their training.

standrewsbionet.weebly.com

PhD students are embedded within a research group and will often be actively involved in weekly group meetings: sharing ideas, techniques and questions with staff, postdoctoral researchers and students with similar research interests.

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.

Teaching format

Teaching takes the form of lectures, seminars, debates, workshops and tutorials. Practicals involve lab work, fieldwork, modelling and computer-based data analysis. Assessment comprises coursework and some end-of-semester written examinations. Class sizes range from 5 to 30 students, depending on the module.

Careers information

Graduates of our taught postgraduate programmes have gone on to work as research scientists for government agencies, industry, environmental consultancies or marine conservation organisations as well as in academic institutions worldwide. They also take up PhD positions in a range of topics associated with marine ecology and conservation, not just marine mammals.

Research specialisms

Research in Biology at St Andrews is organised into three major interdisciplinary centres which deliver first class research and teaching across the broad spectrum of biological sciences, all with a strong applied focus. Relevant staff specialisations include:

Behavioural biology
Bioacoustics
Biomedical sciences
Conservation, policy and management
Ecology
Evolutionary biology
Marine biology
Molecular biology
Population biology

"I wanted to learn and work in this environment, to be trained by the best in my field while having the independence to drive my research forward. In Biology, we also have a society that hosts different events for postgraduates and a postgraduate conference to hear about research of other students within the School."

Januka (Middlesex, England)

Biology

www.st-andrews.ac.uk/subjects/biology

Marine Ecosystem Management (MSc)

Provides students with a superior understanding of integrated marine systems, exploring the interconnections between the physical environment, biodiversity and the impacts of human activity on aquatic use.

- Modules include intense training in quantitative techniques (for example, statistical modelling and GIS).
- Students have the opportunity to conduct fieldwork and training in Antarctica or Indonesia as part of the optional modules in polar ecology or scientific diving (extra costs applicable).
- Stimulating, small class sizes with a focus on student-led, experiential learning.

Marine Mammal Science (MSc)

Prepares students for professional careers in the research and conservation of marine mammals. It is the only research-focused MSc degree in this popular subject worldwide.

- Although focused on marine mammals this programme covers advanced topics in quantitative marine ecology and animal behaviour.
- Modules include intense training in quantitative techniques (for example, statistical modelling and GIS) and applied research methods, including a field course to practice survey techniques (at no additional cost).
- Students have the exciting opportunity to conduct fieldwork and training in Antarctica (extra cost applicable).
- The core curriculum is complemented by advanced optional modules in topical research areas of biologging, bioacoustics, behaviour and cognition, and population biology.
- Stimulating, small class sizes with a focus on student-led, experiential learning.

Sustainable Aquaculture (MSc/PGDip)

Offers a range of part-time, e-learning, postgraduate-level modules which aim to develop students' critical understanding of the development and principles of aquaculture.

- Aquaculture is one of the world's fastest growing industries. It is estimated that a further 40 million tonnes of aquatic food will be required by 2030.
- Flexible modular e-learning allows you to complete your studies while continuing in your employment.
- The course uses an online e-learning platform with tutorial support, direct contact with tutors, video stream and access to student bulletin boards.
- You will typically pursue a career in higher level management, research and development or business development within the global aquaculture business.

Sustainable Aquaculture (PGCert) (Invertebrates) or (Vertebrates) – Distance Learning

Offers a range of part-time, e-learning courses with a focus on either vertebrates or invertebrates.

- Ability to specialise in either vertebrates or invertebrates.
- It is also possible to study single modules rather than the whole programme.

Sustainable Aquaculture – Distance Learning (modular course)

This modular course allows students to study individual modules from a range of part-time, e-learning, postgraduate-level modules which aim to develop students' critical understanding of the development and principles of aquaculture. The credits for each module successfully completed may be transferred and contribute towards a postgraduate qualification (PGCert, PGDip, MSc) at a later date.



Staff and students in Antarctica on the Polar Ecology module



"For me, finding an academic community was the primary concern when choosing where to study. I have been struck by how much the staff care about teaching and the experience of students. These are leading academics with hectic schedules, so it's incredible to see how much time they put into lectures, supervision meetings, and informal chats."

Sam (Toronto, Canada)

Chemistry

www.st-andrews.ac.uk/subjects/chemistry
chempg@st-andrews.ac.uk



Taught programme options

MSc

Catalysis
Chemical Science

MPhil

Chemistry

Chemistry is an exciting central science in which you will receive a thorough and fundamental training. You will be able to specialise in areas including medicinal chemistry, nanotechnology, materials, catalysis, molecular biology and surface science.

- The School of Chemistry has a student population of around 180 research postgraduates and 83 postdoctoral researchers.
- All prospective students to the School are urged to apply as soon as possible. Competition for postgraduate places has increased in recent years and positions are filled early.
- The School of Chemistry has 48 full-time academic and academic-related staff and 16 technical staff.
- Regular specialist seminars and colloquia by leading researchers.
- The School hosts the EPSRC Centre for Doctoral Training in Critical Resource Catalysis, which provides studentships and innovative training in catalysis research.
- In the latest UK Research Excellence Framework, EaStCHEM, the combined Edinburgh and St Andrews research school for Chemistry was ranked top in Scotland.

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 Advanced Functional Materials Research Centre, the Centre for Biomolecular Sciences, the Centre of Magnetic Resonance and the Organic Semiconductor Centre.

Teaching format

Teaching methods include: seminars, lectures, tutorials, practical laboratory work, consultation sessions with supervisors. Modules are assessed through coursework, written examinations, or a combination of both.

Careers information

Many of our graduates continue their education by enrolling in PhD programmes at St Andrews or elsewhere (US, Germany, China). The School of Chemistry offers a large number of fully-funded PhD studentships each year.

Chemistry graduates have gone on to successful careers in the chemical and pharmaceutical industries with companies such as: BP, Shell, Johnson Matthey, Siemens, GSK, Pfizer, and AstraZeneca.

Other career routes outside of a research environment include scientific publishing, patent law, forensic science, IT and energy consultancy.

Research specialisms

There are several groups carrying out research in core areas of organic synthesis and molecular inorganic chemistry. The key areas of research are:

Catalysis
Chemical biology
Materials chemistry
Molecular synthetic and structural chemistry
Surface science
Theoretical chemical physics

Chemistry

www.st-andrews.ac.uk/subjects/chemistry

Catalysis (MSc)

The course is designed for those students and professionals who have a degree in Chemistry or an allied subject, to equip them with a range of analytical, critical, and communication skills. It provides students with specialised advanced knowledge and skills in modern catalysis with the ability to undertake a significant research project for their dissertation. The course aims to introduce awareness of the role catalysis plays in improving sustainability and solving environmental issues in chemical manufacture.

- Provides you with an understanding of the science of catalysis in the context of its impacts on industry and academia. You will gain knowledge in all major branches of catalysis, including homogeneous and heterogeneous catalysis, organocatalysis, biocatalysis, asymmetric catalysis and ligand design.
- Skills acquired in the taught element will be applied in a short, intensive research project. This research-led teaching component is aligned with the interests of our world-leading research groups.

Chemical Science (MSc)

The course is designed for those students and professionals who have a degree in Chemistry or an allied subject. It provides students with advanced knowledge and skills in modern chemical sciences and encourages them to explore research-led topics through a wide range of modules. Students can choose from a number of module options, allowing expanding fundamental knowledge of all areas of chemistry and/or specialisation in the area of interest.

- The aims of the programme include introducing core concepts and techniques, exploring further advanced research-led topics through a range of optional modules and equipping you with analytical, critical, and communication skills.
- A key aspect of the programme is undertaking a significant research project for your dissertation. This enables you to develop skills in one of many areas aligned with the research interests of the School of Chemistry, for example catalysis, surface science, energy materials, chemical biology, synthetic chemistry or structural chemistry.



Classics

www.st-andrews.ac.uk/subjects/classics
classics@st-andrews.ac.uk



Taught programme options



Classics

An intensive taught programme, designed to provide a strong foundation for further research. The course allows you to specialise in a wide range of different areas, including: Greek or Latin literature, Greek or Roman history, classical archaeology and art history, reception studies, and ancient philosophy.

- Provides a unique and intensive core course, including training in the use of different sources for the study of the ancient world, theoretical approaches and key themes in the study of antiquity, and practical skills (e.g. presentation skills, digital humanities, outreach and public engagement).
- Allows you to develop your skills in Greek or Latin or to begin an ancient language; offers the opportunity to develop reading skills in a relevant modern language.
- Gives flexibility to specialise in the areas of your individual interests, with one-to-one supervision from leading researchers.

The School of Classics is housed in Swallowgate, an attractive building which is only a few metres away from the University Library and the main quadrangle. There are computing facilities in the building, seminar rooms and a well-stocked departmental library.

- One of the largest Classics departments in the UK, with a wide range of expertise.
- Research by St Andrews staff feeds directly into teaching.
- A friendly but academically challenging School with a strong sense of community.
- Vibrant conference and seminar programme.
- Excellent collections in the University Library, as well as a dedicated departmental library in the School building.

Postgraduate community

The School's community includes students and staff from all over the world. Most postgraduate students are attracted by the international reputation of one or more of our academic staff. Taught and research students play an active role in the School's busy and supportive research community. As part of the School's extensive conference and seminar programme we run a weekly postgraduate work-in-progress seminar.

Teaching format

The modules are taught through group seminars (with the whole cohort or in smaller groups) and through one-to-one supervision in your areas of specialisation. The core component includes class trips.

The assessment for the taught modules is primarily based on coursework including: a portfolio comprising a selection of tasks with book reviews and commentaries on different forms of evidence, essays based on your own original research, a presentation on the proposed topic of your dissertation, and a take-home exam. MPhil students complete a dissertation after the taught component of the programme.

Language study

There is a range of language modules available, dependent on your prior knowledge. You may choose to take a year-long pair of modules at beginner level in Greek or Latin, or at intermediate level to consolidate your existing language skills. Students choosing a language course take versions of the optional modules with a reduced workload.

Careers information

Many of our MLitt students go on to PhD study, in the UK, North America and beyond, and a significant number progress from there to academic careers. Both the MLitt and the PhD provide excellent preparation for a range of other careers too: for example, recent graduates have gone on to work in publishing, law, finance, teaching, university administration, and museum curatorship.

Research specialisms

The 26 academic staff have particular expertise (among many other things) in Greek and Roman drama, Achaemenid Persia, the literature and culture of the Roman empire, late antiquity, the archaeology and art history of Rome and the Roman provinces, ancient philosophy, classical reception, historiography, ancient military history, ancient religion.

"The students on the course form a close community very quickly; and the academics in the School of Classics treat the postgraduate community as peers. The weekly research seminars facilitate wider learning in areas outside of your own specialism, and are also especially useful for gaining an insight into vital aspects of an academic career."

Lauren (Cambridgeshire, England)

Computer Science

www.st-andrews.ac.uk/subjects/computer-science
admissions-cs@st-andrews.ac.uk



School of Computer Science

Taught programme options

MSc

PGDip

Advanced Computer Science**
Advanced Systems Dependability – Erasmus Mundus Joint Masters
Artificial Intelligence**
Computer Communication Systems**
Computing and Information Technology**
Data-Intensive Analysis
Human Computer Interaction**
Information Technology**
Information Technology with Management – see *Interdisciplinary degrees* page 30
Software Engineering**

MPhil

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

** (Also available with English Language – see end of page 48)

You will learn about cutting-edge developments in Computer Science and develop transferable skills. The School is highly rated for teaching and research with excellent staff and top class facilities.

- A cohort of around 90 taught postgraduate students admitted every year who enjoy many opportunities to work and socialise together.
- Two adjacent purpose-built buildings with around 50 academic and research staff, as well as undergraduate and research students.
- Larger lectures take place in nearby science buildings.
- Emphasis on personal and small group teaching.
- Access to 24-hour well-equipped laboratories.
- An opportunity to attend departmental seminar series and distinguished lecture programmes and the dedicated Systems and Human Computer Interaction seminar series.
- Access to specialised events and training and expert staff at all of Scotland's universities through SICSA, the Scottish Information and Computer Science Alliance.
- 84% of the School's research output was ranked 'world leading' or 'internationally excellent' in the latest Research Excellence Framework.

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.

Teaching format

Teaching methods include lectures, seminars, tutorials and practical classes. Most modules are assessed through practical coursework exercises and examinations. A designated member of staff provides close supervision for the MSc project and dissertation.

Communication and teamwork skills are developed through group work, presentations and written work. You will undertake a significant project including a wide-ranging investigation leading to your

dissertation, consolidating and extending your specialist knowledge and critical thinking.

Careers information

A degree in Computer Science will allow you to enter into technical, academic, financial or commercial posts. Most companies and organisations are heavily invested in computer systems, and this has created a demand for many different specialisations in computer technology.

Graduates from Computer Science go on to find careers as business analysts, systems architects and analysts, software developers, testers and verifiers, technical writers, IT trainers and user advisers, project managers.

A number of employers visit the School on a regular basis, which provides a good opportunity for you to network and ask questions about working in the technical industry.

Some of our MSc graduates go on to enrol in PhD research degrees at top institutions.

Research specialisms

Researchers in computer science study the fundamental abstractions used in the construction and use of computer systems. The research specialisms are:

Artificial intelligence
Computer systems
Health informatics
Human computer interaction
Programming languages
Health informatics
Systems engineering

"Inclusivity is at the core of Computer Science. Staff pride themselves in both their teaching and research, and the open door policy ensures that support is accessible throughout the day. Although small in size, St Andrews is vibrant and there are strong collaborations between Schools and student societies."

Janis (Hong Kong)

Computer Science

www.st-andrews.ac.uk/subjects/computer-science

Advanced Computer Science (MSc/PGDip)**

Offers students with a strong undergraduate background in Computer Science an opportunity to follow their interests in studying the subject at an advanced, research-led level.

- Wide range of modules in advanced topics including artificial intelligence, human computer interaction, networks and distributed systems, and software engineering.
- Students who develop a strong interest in one of these areas can easily change to the relevant specialist MSc programme during their studies, provided they complete appropriate modules. Similarly, those studying one of the specialist programmes who want more flexibility can change to this programme.

Advanced Systems Dependability – Erasmus Mundus Joint Masters (MSc)

Is a two-year European Masters programme offered by St Andrews in conjunction with Maynooth University in Ireland and Université de Lorraine Nancy in France. It provides students with the skills and in-depth technical understanding of key advanced concepts required to design and build dependable software systems. Specialisation themes available at St Andrews include software engineering, artificial intelligence and data science. Second year students who achieved 70% or higher in their first year may choose to do a research or industry placement in their final semester.

Artificial Intelligence (MSc/PGDip)**

Is an advanced research-led course in the study of artificial intelligence, developing students' skills in logic, constraint programming, language processing, machine learning and neural networks.

- A specialist course, retaining some flexibility, allowing you some scope to pursue other areas of computer science alongside the compulsory specialist modules.
- Students who want additional flexibility can switch after the first semester to the MSc in Advanced Computer Science or the MSc in Information Technology.

Computer Communication Systems (MSc/PGDip)**

Is an advanced research-led course that equips students with a thorough understanding of the technologies, protocols and systems that enable computational devices to communicate in widely diverse and heterogeneous contexts.

- Undertake a significant project including a wide-ranging investigation and substantial software development leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking.

Computing and Information Technology (MSc/PGDip)**

Develops students' critical understanding of the issues associated with using computing systems and their impact on business processes and project management. It also gives students without prior programming experience the opportunity to gain programming skills in a modern software development environment.

- Students who decide not to develop programming skills can change to the more general MSc in Information Technology, after the first semester.

Data-Intensive Analysis (MSc/PGDip)

Is an interdisciplinary course providing students with an understanding of how data is used to gain useful insights in all areas of scientific endeavour. The programme has a substantive statistical component – both theory and practice – allied to computational data science and visualisation.

- A specialist course involving modules delivered by the Schools of Computer Science and Mathematics & Statistics.
- The course develops practical skills in derivation, validation and deployment of predictive models based on collected data, and provides training in the use of industry – and research-standard technologies and techniques.

Human Computer Interaction (MSc/PGDip)**

Provides students with the tools, knowledge and skills to become practitioners in the areas of user experience, usability, information visualisation, human factors in computing systems, and human computer interaction research.

- The School has a dedicated HCI laboratory with specialist equipment including an 84-inch Microsoft Hub, a 3D printer, Google Soli sensors, a diverse range of eye tracking and motion capture equipment.
- Students who want flexibility can switch after the first semester to the MSc in Advanced Computer Science or the MSc in Information Technology.

Information Technology (MSc/PGDip)**

Develops students' critical understanding of the issues associated with using information technology systems and their impact on business processes and project management.

- The most flexible MSc course, which offers you a wide choice of modules covering many aspects of information technology, including key business practices. It complements the more specialised MSc in Computing and Information Technology programme.

Software Engineering (MSc/PGDip)**

Is an advanced research-led course in the study of software engineering, developing students' knowledge and skills in software reuse, agile development, software architecture and critical systems engineering.

- Students who want additional flexibility can switch after the first semester to the MSc in Advanced Computer Science or the MSc in Information Technology.

** Various Computer Science degrees with English Language

Aimed at students who use English as an additional language, these programmes combine a Masters in Computer Science and time to develop English language proficiency in an academic context. Ideal for those whose English language level falls slightly short of the direct entry requirements.

- Available for all Computer Science Masters programmes, beginning in January and lasting 20 months.
- After the first semester, you will continue onto a suitable Masters degree in Computer Science depending on your performance on one of the initial programming modules.



"I chose St Andrews for the flexibility in the programme and the town. I like the environment and living here makes it a safe experience as well. The variety of the programme is great and the different activities in Computer Science made it an easy choice to apply here."

Mansi (Raipur, India)

Divinity

www.st-andrews.ac.uk/subjects/divinity
divinity@st-andrews.ac.uk



St Mary's College

Taught programme options



Analytic and Exegetical Theology
Bible and the Contemporary World – Distance Learning – part time
Biblical Languages and Literature
Systematic and Historical Theology
Theology and the Arts

You will receive advanced training in theological or biblical studies, developing your understanding and research skills in biblical and theological scholarship and addressing questions of faith in the contemporary world.

- St Andrews has gathered one of the most outstanding communities of internationally-renowned scholars, with 30 members of staff undertaking research in a wide range of specialisms and approximately 150 postgraduates.
- A close-knit community of academics and postgraduates provides a context in which to engage in stimulating theological explorations.
- Weekly seminars cover analytic and exegetical theology, biblical studies; religion and politics; systematic theology; and theology, imagination and the arts. There are also regular colloquia organised by the Institute for Bible, Theology & Hermeneutics.
- The School was ranked top in Scotland for research outputs in the latest Research Excellence Framework.

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. Postgraduate taught students are integral to postgraduate life in the School of Divinity and routinely participate in doctoral research seminars and specially organised colloquia and conferences. It is a popular place for visiting scholars from all over the world.

Teaching format

Teaching methods include lectures, one-to-one discussions, seminars and class presentations. Assessment will include seminar presentations, extended essays and end-of-semester written

examinations. Class sizes in the School of Divinity typically range from 6 to 12 students. Teaching methods for distance learning reflect the nature of the programmes.

Careers information

Given the number and diversity of our taught programmes, graduates in Divinity go on to pursue a range of exciting career paths. From creative ventures in theology and the arts to the wide range of careers already represented in our distance learning programme, students in Divinity are highly successful in employment. The majority of our students aspire to additional PhD study and careers in academia or some form of Christian ministry, and for this taught programmes in Divinity have proven to be an excellent pathway to success.

Research specialisms

Collaborations, liaisons and networks are a distinctive aspect of the way research has developed in the School of Divinity. More importantly, there is a desire among scholars to come together and share their discoveries. Evidence of this is found on several fronts:

Hebrew Bible/Old Testament studies
Early Jewish studies
New Testament studies
Church history
Contextual theology (including religion and politics)
History of biblical interpretation
Practical theology
Systematic, historical and analytical theology
Theology and the arts

“I wanted a programme where I could be passionate about my project and where my adviser and peers would encourage me to produce the best possible work. St Andrews has offered me just such an environment that encourages collaboration over competition. As a result, I can confidently say that the School of Divinity is a place where you can ask tough questions and seek interdisciplinary answers.”

Christa (Georgia, USA)

Analytic and Exegetical Theology (MLitt/PGDip)

Addresses central themes in Christian thought, embodying the academic ideals and principles of analytic theology while engaging with contemporary research in both biblical exegesis and analytic philosophy.

- This course seeks to cultivate analytic rigour, lucidity and transparency in argumentation.
- You will be introduced to an important new development in the field of theology, namely, analytic theology.
- Develop skills in the critical evaluation of major theological doctrines in dialogue with key, constructive developments in biblical scholarship and analytic philosophical theology.
- The programme also seeks to build on the field-changing developments in Christian analytic philosophy and philosophical theology that have taken place over recent decades.

Bible and the Contemporary World (MLitt/PGDip)

Is a course available by distance learning part-time study or by a full-time, University-based route that includes virtual learning modules. It connects biblical and theological studies with other disciplines in the arts, humanities and social sciences.

- Gain an understanding of how public issues and culture both shape and are shaped by Christian theology, biblical interpretation and practice.
- Join an international and interdenominational group of 20 to 25 students, most of whom are lay people.
- A residential study week in St Andrews starts each module with lectures and seminar discussions and allows you to meet your fellow participants and tutors.
- Opens possibilities for future doctoral work in fields such as practical theology or for those who seek to deepen their critical thinking in careers (often in the voluntary sector) that have a religious dimension.

Biblical Languages and Literature (MLitt/PGDip)

Offers students with existing competence in biblical languages the opportunity to increase their linguistic and exegetical skills through sustained close and critical engagement with the biblical texts and themes.

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

Systematic and Historical Theology (MLitt/PGDip)

Offers students the opportunity to engage at a high level with the study of Christian doctrine in its historical context and systematic expression.

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

Theology and the Arts (MLitt/PGDip)

Gives students a theoretically inflected and historically contextualised introduction to the field of theology and the arts, acting as a standalone Masters course or a stepping stone for those considering doctoral research in the field.

- Provides an independent qualification for those wanting to broaden and deepen their understanding of the relationship between theology and the arts.
- A rigorous and vibrant programme designed for those with a strong academic background in either theology or the arts. In particular, the course offers you an opportunity to:
 - reflect on the theological dimensions of artistic work.
 - explore the place of art within theological thought and practice.
 - engage with diverse forms of culture of different eras, including literature, drama, the visual arts and music.



St Mary's College



“St Andrews offered the strongest biblical languages programme in the country, with intensive courses in Greek, Hebrew, and Aramaic. The riches of seminars offered by each of the different postgraduate degrees within St Mary’s are beneficial to attend – even if they are seminars in a different sub-discipline of biblical/theological studies.”

Jordan (Nevada, USA)

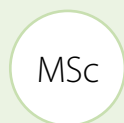
Earth & Environmental Sciences

www.st-andrews.ac.uk/subjects/earth-environmental-sciences
earthsci@st-andrews.ac.uk



Fieldwork in Rio Tinto, Spain

Taught programme options



Geochemistry
Mineral Resources

Earth and Environmental Sciences spans topics from the formation of planets to climate change. You will gain a fundamental understanding of natural processes; graduates are equipped to address many of the challenges facing science and society.

- The School of Earth & Environmental Sciences has 19 full-time academics, 15 research fellows and 4 technical staff members, with a student population of about 170.
- We have a wide range of expertise in the fields of geology, geochemistry, mineralogy, economic geology and geophysics, underpinned by new state-of-the-art laboratory facilities.
- Research and teaching programmes cover investigations into the origins of life, evolution of the Earth and other terrestrial planets, exploration for habitable planets, composition of oceans, rivers and atmospheres, exploration of natural resources and the pulse of past and current climate change.
- Leading graduate employability in mineral resources, energy, and environmental consultancy.
- The School (with Geography & Sustainable Development) was ranked top in Scotland and fifth in the UK for the latest Research Excellence Framework.

Postgraduate community

A dynamic and research-intensive atmosphere is encouraged and supportive of all students. The size of our School engenders cohesive and friendly collaborations between staff, postdoctoral research fellows and postgraduate students, and co-authored papers are routinely published in the top journals for Earth Sciences. We are part of the IAPETUS NERC Doctoral Training Partnership, along with the universities of Durham, Glasgow, Newcastle and Stirling, and the British Geological Survey.

Teaching format

Teaching methods include lectures, seminars, small group tutorials, one-to-one discussion and independent learning. Assessment for the taught portion is based on reports, project proposals, oral presentations and written examinations.

Careers information

There is a wide variety of career options available to graduates from the School and previous students have gone on to work in the energy, natural resources and environmental sectors, as well as in the wider science and policy areas. The specialisation inherent in a taught postgraduate degree can be used as a stepping stone to further research, and previous graduates have gone on to begin PhD-level studies (both within and outside of the University of St Andrews) in topics as varied as mineral resources, metamorphic petrology, the evolution of Earth's atmosphere, past climate change, and the composition of Earth's mantle.

Research specialisms

Research in the School of Earth & Environmental Sciences combines fieldwork, laboratory and empirical analyses and modelling to gain insight into the geological, geochemical and biochemical processes that have shaped our planet and planetary neighbours. It is grouped into five themes:

- Global change
- Solid Earth and planetary science
- Geobiology and Earth system evolution
- Earth surface processes
- Economic geology and energy

"When I arrived, I was made to feel welcome and included, and quickly settled in. The lab facilities are excellent and I felt that at St Andrews I would receive support through my PhD, while still being able to develop as an independent researcher."

Jessica (Somerset, England)

Earth & Environmental Sciences

www.st-andrews.ac.uk/subjects/earth-environmental-sciences

Geochemistry (MSc)

Geochemistry is a fundamental discipline within the Earth sciences, providing the techniques and knowledge to address such fundamental questions such as: was there ever life on Mars, how do planets form, and what are the rates and drivers of climate change, both past and present? The MSc in Geochemistry at St Andrews develops knowledge and skills training in geochemistry and modern geochemical methods, involving hands-on laboratory training, field sampling techniques, and experience with state-of-the-art equipment.

- The MSc provides preparation for pursuing a PhD through a lab-based research dissertation, or employment in industry by incorporating applied economic and environmental geochemistry modules and the possibility of industry-sponsored research.
- A wide range of expertise in the field of geochemistry, underpinned by new state-of-the-art laboratory facilities.
- A dynamic and research-intensive atmosphere is encouraged and is supportive of all students.

Mineral Resources (MSc)

The Mineral Resources MSc delivers knowledge and skills training essential to pursue a career in the mineral industry sector and to prepare students for PhD research. The course provides extensive training at the forefront of mineral resources, including industry-led workshops and field excursions at no extra cost.

- Produces students who understand the genesis and geological setting of ore deposits around the world.
- Trains students to a professional level in field and laboratory skills, including the use of some of the latest exploration technologies and methodologies.
- Integrates industry-standard software, and training in the analysis of large and diverse datasets.
- Develops students' intellectual reasoning and research skills, independent learning and working in teams.



The super-clean (metal-free) isotope analysis preparation laboratories in the School



"The Mineral Resources programme at St Andrews has been developed directly with industry and therefore provides a large skill set that will be used throughout my career. The whole School is very friendly, which creates a great atmosphere to work and develop skills in."

Oliver (North Yorkshire, England)

Economics & Finance

www.st-andrews.ac.uk/subjects/economics
admissions@st-andrews.ac.uk



School of Economics & Finance

Taught programme options



Economics
Finance
Finance and Economics
Money, Banking and Finance

Economics is a social science concerning the production, distribution and consumption of goods and services, whilst finance is the study of managing available funds. The courses provide structured explorations of key concepts, analysis and techniques.

- A team of around 35 academics, world-leading specialists in behavioural economics, decision theory, econometrics, development, growth, finance, international economics, monetary policy, and dynamic macroeconomics.
- Enhance your analytical and decision-making abilities through training in problem solving, specifically through the use of quantitative and model-based methods of analysis.
- Regular seminars and workshops bring you into contact with cutting-edge research.
- Courses are designed to prepare you for careers in academia, business, government and international organisations.
- In the latest Research Excellence Framework exercise, the School of Economics & Finance was ranked second in Scotland on the basis of the quality of its research publications.

Postgraduate community

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 students and teachers, encouraging a warm and friendly learning environment. 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.

All PhD students present their research progress to the whole School at the yearly PhD Conference.

Teaching format

Traditional lectures, tutorials, seminars and computer lab work are in small groups. Assessment is both continuous and with end-of-semester exams. For your 15,000-word dissertation, your adviser will provide you with

individual guidance. You will also attend lectures in Semester 1 on dissertation topics, planning and writing.

Careers information

After a postgraduate degree in Economics and/or Finance, you can work in a wide variety of challenging and rewarding posts in economics, finance, commerce, insurance, industry, academia, diplomatic service and banking. Recent graduates work in many locations around the world, including the UK, Europe, North America, and more frequently in locations such as China, Taiwan, Hong Kong, Japan and Thailand.

Our graduates have progressed to a broad range of opportunities including banking, finance, consultancy and equity analysis.

Research specialisms

Research within the School of Economics & Finance is grouped into four main themes:

- Applied theory, decision theory and behavioural economics
- Empirical economics and econometrics
- Finance
- Macro and international economics

“My MSc class had almost 60 students from all over the world, it was exciting to learn and make friends from different countries. Economics is student-friendly and achievement focused, it is the reason I came back to St Andrews for my PhD.”

Sara (Riffa, Bahrain)

Economics & Finance

www.st-andrews.ac.uk/subjects/economics

Economics (MSc/PGDip)

Provides advanced, rigorous training in essential elements of economics – microeconomics, macroeconomics and econometrics – plus a range of specialist options covering theoretical and empirical approaches that reflect the interests of the staff in the School.

- The programme focus is to provide a self-contained, rigorous but relevant learning experience that prepares you either to start employment at a senior level in a wide variety of economics-related activities, or to pursue further research.
- You will learn the theoretical and empirical tools required to understand the increasingly complex and rapidly changing economy.

Finance (MSc/PGDip)

Trains students with advanced analytical abilities and technical skills in empirical finance and modelling. Students acquire an in-depth understanding of the financial markets and institutions both in the UK and abroad, preparing them for a professional career in the financial industry.

- You will learn the research methods used in modern corporate finance in order to understand the relevance of corporate finance theory in an applied work setting.
- The case study approach in core modules helps develop analytical skills that can be used in everyday financial management applications.
- You will develop transferable technical skills in empirical financial modelling in small classes.
- You will become knowledgeable about the functioning and rationale of leading financial institutions both in the UK and abroad.
- You will pursue advanced studies in finance and cognate areas, allied to a strong tradition of graduates from the School working in the financial community.

Finance and Economics (MSc/PGDip)

Provides advanced training in the theoretical tools and empirical techniques for economics and finance, preparing students for a professional career in international banking, the finance industry and governmental agencies.

- A self-contained, rigorous but relevant learning experience that prepares you either to start employment at a senior level in a wide variety of economics- or finance-related activities, or to pursue further research.
- Advanced training in essential elements of an Economics Masters degree (macroeconomics or microeconomics, econometrics) is combined with essential training in finance (investment analysis, corporate finance), supplemented by a wide variety of applications.

Money, Banking and Finance (MSc/PGDip)

Covers money and banking, international finance, monetary policy and financial intermediation while also developing analytical skills and competence with empirical methods, preparing students for a professional career in international banking and finance.

- Develops high analytical ability in order to understand and develop the methods and rationale underlying modern banking, monetary policy and finance.
- You will become knowledgeable about the functioning and rationale of leading financial institutions, commercial and central banking, and the conduct and impact of monetary policy upon the financial system.



“The unique culture and atmosphere at St Andrews was one of the most decisive elements influencing my choice. The classes are quite small, meaning that it is easy to build new friendships and get to know everyone. I also like the close relationship between students and staff; their support and motivation allow for more than simply understanding the class material, but dive deep into their respective topics.”

Franz (Bonn, Germany)

English

www.st-andrews.ac.uk/subjects/english
english@st-andrews.ac.uk

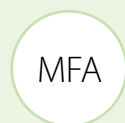


School of English

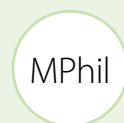
Taught programme options



Creative Writing
Modern and Contemporary
Literature and Culture
Postcolonial and World Literatures
Romantic / Victorian Studies
Shakespeare and Renaissance
Literary Culture



Creative Writing



Modern and Contemporary
Literature and Culture
Postcolonial and World Literatures
Romantic / Victorian Studies
Shakespeare and Renaissance
Literary Culture

You can study English, Scottish and American literature, as well as courses in prose, verse, drama and film. You will also consider the ideas, human values and history behind this broad variety of texts.

- The School of English currently has over 30 permanent members of staff.
- Research excellence in all periods of English literature from Old English to the present day.
- Varied programme of published writers and academics as visiting speakers.
- One of the highest concentrations of medievalists in the UK, united by the St Andrews Institute of Mediaeval Studies (SAIMS).
- Creative Writing and Playwriting/Screenwriting classes are taught by some of the most highly regarded novelists, poets and playwrights in the UK.
- The Centre for Research Studies, housed in its own building with computers, office space and communal areas, fosters a strong postgraduate community spirit.
- The School was ranked top in Scotland and third in the UK in the list of research-intensive departments in the latest Research Excellence Framework.

Postgraduate community

The School has a vibrant postgraduate community of around 70 students with a dedicated administrator for all postgraduate matters.

Each semester, the School invites distinguished visiting academics and creative writers to lead seminars, lectures and workshops as part of our regular research events.

Postgraduates meet at the School's Postgraduate Forum and at various voluntary seminar series organised by English or other Schools within the Faculty of Arts.

All taught postgraduates are offered limited research funds to help offset the costs of accessing resources elsewhere.

Teaching format

Lectures and seminars in small groups allowing for both independent and group study in a supportive framework of teaching and learning.

Assessment is through oral presentations, learning journals and coursework essays and through both coursework essays and original writing for Creative Writing and Playwriting and Screenwriting.

Careers information

Following a taught postgraduate course in English at the University, students go on to pursue careers in a range of sectors including journalism, law, librarianship, marketing, publishing, teaching and university administration. Others continue in academia, moving on to a PhD.

Specific information and support available for those considering doctoral study can be found at:

www.st-andrews.ac.uk/careers/researchers

Research specialisms

All students are attached to at least one of the School's four research groups and are invited to participate in their activities. Each of the groups organises a programme of visiting speakers and other research events throughout the year.

Medieval and Renaissance
Eighteenth century, Romantic and Victorian
Modern and contemporary
Creative writing

"The School of English encourages a strong sense of community within the postgraduate cohort. Our offices are the primary spaces where we connect, collaborate and share with each other. This strong community is the most helpful resource a student can have!"

Parker (Texas, USA)

Creative Writing (MLitt/MFA/PGDip)

Develops original work while providing critical and creative study in either poetry or prose. The MLitt offers technically-oriented tuition by contemporary authors, with an emphasis on best practice in contemporary writing. The MFA builds on this initial framework with a second year of intensive writing under the direction of a mentor.

- Encourages critical thinking and writing, the recognition of innate strengths and potential, in either poetry or prose and emphasises the necessity of broad and well-informed reading in the development of an original 'voice'.
- Helps to build an awareness of creative industry norms and expectations, as well as the potential in different areas, including genre and cross-genre work.
- Students who already hold a Masters in Creative Writing may apply directly into the second year of the MFA.

Modern and Contemporary Literature and Culture (MLitt/PGDip)

Enhances students' knowledge and thinking about the key texts, contexts and theories that have shaped literature and culture from 1900 to the present. Students will read and discuss some of the major texts and debates which have contributed to the shaping of the "modernist", "postmodern" and "contemporary" cultural moments.

- Study the interdisciplinary dimensions of modern and contemporary culture through topics which explore cultural production across the arts, music, film and literature.
- Learn about the key developments in modern and contemporary literary studies in dialogue with leading scholars.
- Typical seminar topics might include: 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.

Postcolonial and World Literatures (MLitt/PGDip)

Offers the opportunity to study the theoretical, literary, cultural and historical dimensions of contemporary postcolonialism from colonial encounters, to the emergence of the field in the latter half of the twentieth century, through to its current articulation in a globalised era of world literature.

- The UK's first Masters programme to combine postcolonial studies with a renewed scholarly interest in world literatures.
- Explore a global range of writers from the colonial to the contemporary while developing a research specialism within a specific area of study through a special topic module.
- Of particular interest to students from Australia, Canada, China, Europe, South Asia, and America.

Romantic/Victorian Studies (MLitt/PGDip)

Enhances students' knowledge and thinking about Romanticism and Victorian literature through the study of literary culture from the 1790s to 1900. By exploring a range of literary genres, students will gain knowledge of the phases of literary production and reception, and of relevant cultural and historical contexts.

- Develop your skills as a researcher within a specific area of study by taking special topic modules.
- Study Romantic and Victorian literature in relation to a diverse range of ideologies, including discourses of revolution and reform, debates about gender, and aestheticism.
- Acquire experience of independent research through work on a postgraduate dissertation.

Shakespeare and Renaissance Literary Culture (MLitt/PGDip)

The opportunity to study of one of the most exciting and formative periods in European history, centred on the key writer in the English literary tradition, William Shakespeare. With Shakespearean drama as the point of entry, this course encompasses the key modes, developments, and contexts of English Renaissance literature.

- An all-round introduction to sixteenth- and seventeenth-century literature in English.
- Covers both elite and popular writing, the influence of other continental vernaculars, and the importance of print and manuscript media.
- Features a range of critical and interpretative perspectives and a mixture of core and option modules.



"St Andrews appealed to me not only because of the University's prestige and research opportunities, but also for the close-knit community. There are also plenty of guest speakers and research seminars that the School arranges throughout the year and frequent opportunities to contribute to, or attend, conferences and research events."

Grace (Nottinghamshire, England)

English Language Teaching

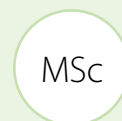
www.st-andrews.ac.uk/subjects/elt/english-language-teaching-mlitt
elt@st-andrews.ac.uk



Taught programme options



English Language Teaching



Various Computer Science degrees can be combined with English Language – see pages 46-49

English Language Teaching is designed for more experienced practitioners as well as those considering English language teaching and related fields as a future career.

- Join experienced practitioners and scholars in our English language teaching community, with opportunities to be involved in ongoing professional development events and our annual English for Academic Purposes (EAP) conference.
- Integrate theory and practice – discuss theoretical concepts and frameworks in small groups, and apply these through practical assessments and peer teaching sessions.
- Observe and reflect on a range of language teaching sessions, both within and outside of ELT.
- Explore the use of technology in language teaching and assessment.
- Engage in and reflect on a new language learning experience as part of the programme, to gain a 360 degree perspective on language teaching and learning.

Postgraduate community

You will be part of a cosmopolitan department, with students from all over the world, creating a friendly and supportive community. The staff in the department have taught in many different countries and teaching situations, and you will have the opportunity to learn from their expertise. In addition, you will be part of a vibrant postgraduate community.

Teaching format

You will take a variety of taught modules over the first two semesters of the programme, which are delivered through a mix of lectures, seminars, tutorials and out-of-class activities. These modules integrate theory and practice by discussing and critiquing theoretical concepts and frameworks, and then applying them through a range of practical assessments. Assessments will include written assignments, presentations, the development of teaching plans, and observed teaching sessions.

Careers information

After graduating from this MLitt, you will have the knowledge and critical understanding of current theories and research in second language acquisition as well as the confidence to relate these to pedagogy to pursue a career in teaching English as an additional language, at a variety of levels and in different contexts. You may also choose to continue your studies as a research student.

Modules

A range of modules is available. Topics include:

Assessment and evaluation
English for academic purposes
Language teaching methodology
Linguistics
Research methods

“The course was varied and gave me a broad understanding of contemporary issues within the field of teaching and applied Linguistics. I had been teaching for about eight years prior to beginning the course, and found that the modules really helped me to link my practical knowledge of teaching to the theory that underpins the practice. I found the Teaching English for Academic Purposes Module especially useful and inspiring. This module in particular laid a strong foundation for my current research interests.”

Jenny (Fife, Scotland)

Film Studies

www.st-andrews.ac.uk/subjects/film-studies
filmstudies@st-andrews.ac.uk



Smokescreen, winner of the University's 60 Hour Film Blitz

Masters and taught programme option



Film Studies

Helping students 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.

- Emphasises international and transnational cinemas and is characterised by research-led teaching.
- The Department receives regular visits from high-profile film scholars, critics, and film industry personalities. The Department has hosted prominent film scholars like Thomas Elsaesser, Erika Balsom and James Chapman.
- The specialist modules vary annually and reflect current staff research interests. Emphasis throughout the year is placed on individual research.

You will examine the forms and histories of film in all their artistic, documentary and non-theatrical variants, from silent cinema to virtual reality and will cover a range of topics including stardom, activism, as well as numerous genres and filmmakers.

- Research-led teaching in a supportive and vibrant environment.
- MLitt students in Film Studies will also benefit from contact with a large postgraduate cohort (with approximately 25 PhD students stemming from five continents).
- Core theoretical and research skills class co-taught by several leading staff members in the Department, covering essential elements of film analysis, theory and historiography.
- Vibrant film culture: from student-led filmmaking marathons and screening series to visits from world-renowned filmmakers and collaborations with international film festivals, you will have numerous opportunities to contribute to a community of cinephiles and film artists.
- The Department was ranked top in Scotland in the latest Research Excellence Framework.

Postgraduate community

Film Studies extends a warm welcome to all our students, who form a truly international community at St Andrews in our hospitable Scottish setting. The Departmental staff bring a multicultural flavour as well as strong international academic experience. This cosmopolitan environment allows you to become familiar with cross-cultural issues and to develop personal contacts across Europe, Asia, and North America – an important factor in your future specialist development.

Teaching format

Individual study and research is encouraged through small seminars of four to ten students and tutorials of one-to-one supervision. All modules provide students with the opportunity to transfer and apply theoretical knowledge and research skills to a 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. Both core and specialist modules are assessed by essay.

Careers information

Your film degree can enable you to enter a wide range of careers, including journalism, advertising, arts administration, film festival, marketing, public relations, publishing, TV and radio, and teaching, to name just a few. The skills you acquire in critical thinking, research, and communication can make you an attractive candidate across many fields, from retail to finance.

Research specialisms

High profile reputation for research with specialisms in:

- Asian cinema
- Documentary and 'useful' cinema
- Early film culture
- Educational film
- Experimental film
- Film and media history
- Film and politics
- Film comedy
- Film and politics
- Film festivals
- Identity and representation
- Media history and theory
- Memory and trauma studies
- Sound studies
- Sensory cinema

"I chose St Andrews for the strength of the programme. Film Studies is small and research-focused; each staff member's research really influences their teaching. The size has also allowed me to take on more responsibilities and the connections I have made will be valuable going forward."

Sarah (Colorado, USA)

History

www.st-andrews.ac.uk/subjects/history
pghist@st-andrews.ac.uk



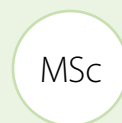
School of History

Taught programme options



Early Modern History
Environmental History
Intellectual History – see
Interdisciplinary degrees page 31
Iranian Studies
Legal and Constitutional Studies
Mediaeval History
Mediaeval Studies – see *Interdisciplinary
degrees page 31*

Middle Eastern History
Modern History
Reformation Studies
Scottish Historical Studies
The Book. History and Techniques of
Analysis
Transnational, Global and Spatial
History



Economic and Social History



Legal and Constitutional Studies

You will experience a broad range of expertise in many historic eras, from Scotland to Byzantium, the Americas, the Middle East and South Asia. Thematic interests include religious history, urban history, transnationalism, historiography and nationalism.

- One of the largest Schools in the UK with around 50 staff, who offer a broad and varied portfolio of research expertise.
- Vibrant seminar series across the School of History; students have numerous opportunities to hear and meet top scholars from the UK and beyond.
- Strong commitment to providing skills training to enhance the employability of our postgraduates.
- 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.
- A scheme of competitive scholarships and bursaries is in place to support selected postgraduates financially.
- The School of History was ranked top in Scotland in the latest Research Excellence Framework.

Postgraduate community

The School of History has around 100 research and a further 50 taught postgraduates. There is a friendly and collaborative atmosphere, in which 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.

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.

Teaching format

Taught through lectures, seminars and individual tutorials, with class sizes ranging from individual supervision up to 12 students. Assessment methods include classwork participation and essays. You will spend the final three months of the course focusing on researching and writing the final assessment piece for the MLitt, a dissertation of up to 15,000 words.

Careers information

As well as continuing with further postgraduate studies, graduates of our MLitt programmes pursue a number of career paths, including teaching, law, journalism, finance and investment, and work for governmental and non-governmental organisations.

Research specialisms

Our research interests range from sixth-century Scotland to Iran in the early twenty-first century (and innumerable other places in between).

American history
Anatolian and East
Mediterranean studies
Early modern history
Environmental history
French history and culture
Intellectual history
Iranian studies
Legal and constitutional
research
Medieval and early modern law
and literature
Medieval studies
Reformation studies
Russian, Soviet and central and
eastern European studies
Scottish historical research
Transnational and spatial
history

“St Andrews has a close-knit postgraduate community which encourages personal development. Research excellence is supported by the internationally renowned academics that are employed at the University.”

James (Worcestershire, England)

Early Modern History (MLitt)

Provides advanced study of the early modern European and Atlantic worlds, including the Ottoman Empire. The programme introduces students to a range of approaches to early modern history (c.1450 to c.1750) and provides advanced training in skills requisite for study of the period.

- Work with a significant number of scholars of early modern history, who can provide a high level of specialised supervision and advanced training in the history of the early modern European and Atlantic worlds.
- Benefit from broad and deep preparation, offering you the chance to explore and critically evaluate both historiography and primary sources.
- Pursue high-level skills training to build up to your MLitt dissertation and to prepare students who are interested in subsequent doctoral research.

Economic and Social History (MSc)

Offers a distinctive combination of interdisciplinary study and specialisation. It provides training for advanced research in social and economic history; it offers specialised study in a chosen historical period, and innovative training in knowledge transfer.

- You will develop an understanding of, and critical engagement with, a variety of approaches to social and economic history, including quantitative and qualitative analyses.
- You will be exposed to the distinctive debates and controversies relating to the social and economic history and enhance your ability to engage in such debates.
- The programme will develop appropriate research, quantitative and other skills and you will receive training in the use of libraries, appropriate databases (electronic and otherwise), archives or other source appropriate repositories.
- You have the option of a training course in the communication of your research to academic and non-academic audiences.

Environmental History (MLitt)

Explores human interaction with the non-human natural world within the context of a study of the history of science, medicine and environment.

- An opportunity to gain an interdisciplinary perspective on this intellectually urgent field, within the institutional context of a large and vibrant School of History.
- From an historic perspective, better appreciate the unprecedented scale and pace of human-generated change to the environment over the past century – and the social, political, economic, and ecological implications of these changes.
- Firmly root this knowledge in a progressively better understanding of core issues within historiography and methodology.

Iranian Studies (MLitt)

Offers students 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 approaches including aspects of methodology and historiography, and questions of nationalism, religion and society, as well as an outline of Iran's place in the region and the broader international community.
- Access to a unique range of expertise on Iran from Late Antiquity to the modern era, along with a rich research environment provided by the Institute for Iranian Studies and staff located in other Schools including Art History, Classics and Modern Languages.
- You benefit from the burgeoning resources of the University Library which has some 6,000 Persian books, a distinctive collection and one of the best in the UK.

Legal and Constitutional Studies (MLitt/PGDip)

An interdisciplinary programme in which students can construct an individually tailored degree with a primary focus in legal history or international law, or they can pursue an integrated, interdisciplinary, degree.

- 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.
- The Institute of Legal and Constitutional Research hosts a number of reading groups, seminars and lectures, including visiting speakers and cross-discipline presentations, on legal and constitutional research and ideas.
- Designed to prepare you for work beyond the MLitt: doctoral research within the field; study for a law degree; and employment in areas more broadly related to law, legal history, global constitutionalism and international relations.

Mediaeval History (MLitt)

Allows students to study a variety of topics in depth from across the medieval worlds, both East and West, from Late Antiquity through to the Later Middle Ages. This broad-ranging programme is designed to cater for students of differing career ambitions, areas of specialisation and previous training.

- Immense range of expertise from the largest gathering of medieval 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 fundamental research skills, including bibliography and source criticism.
- Develops writing skills for the presentation of extended research projects, including as training for doctoral study.

Middle Eastern History (MLitt)

Offers students the opportunity to explore in depth a variety of topics relating to the history and culture of this crucially significant region of the world. The course draws upon the wide range of expertise within the School of History.

- 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: classical Islamic history (Umayyads and Abbasids); the Seljuks; the medieval Islamic east; medieval Anatolia; the Ayyubid and Mamluk Near East; Early Ottoman History; Medieval Armenia; Islamic intellectual history.
- Provides students with an exceptionally broad knowledge of the Middle East and its history often absent from other programmes on the subject.

Modern History (MLitt)

Offers students an opportunity to deepen their understanding of key issues in the discipline by pursuing their studies at a conceptually advanced level. Postgraduate historians work intensively in a variety of subject areas while achieving a steady progression in core fields such as historiography and methodology.

- Flexible nature of the programme makes it suitable both for those wishing to go on to doctoral research and for those wishing only to take a year's specialist study.
- Make full use of the wide spectrum of specialist areas covered by members of the School of History.
- Explore the literature on a topic of individual interest under the guidance of an expert.
- This programme is designed in a way that maximises choice: 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.

History

www.st-andrews.ac.uk/subjects/history

Reformation Studies (MLitt)

Provides intensive training in the historiography, debates and sources of the Protestant and Catholic Reformations.

- An opportunity for students to pursue their own areas of interest guided by expert members of staff, 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 Reformation scholars of any Anglophone university.
- Explore approaches and methods employed in the study of early modern religious history.
- Topics range from ecclesiastical and political history to social and cultural history and the study of visual and material evidence.
- Benefit from St Andrews' lively early modern research community, with seminars, workshops and conferences.

Scottish Historical Studies (MLitt)

Offers students the opportunity to explore Scotland's long-term development over time and to focus on more specific topics of interest under the guidance of renowned experts in the field.

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

The Book. History and Techniques of Analysis (MLitt)

Offers an interdisciplinary approach to the study of the book world from the inception of the printed book in the fifteenth century to the invention of the mechanised press in the nineteenth century.

- Flexible nature of the programme makes it suitable both for those wishing to go on to doctoral research and for those wishing only to take a year's specialist study.
- Develop a deep understanding of key issues and methods in book history c.1445-1870.
- 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 University's Special Collections department).

Transnational, Global and Spatial History (MLitt)

Promotes new transnational perspectives and ways of seeing the past through an explicit appreciation of scale in space and time. Students explore a range of approaches to the study of global trade, the development of networks, comparative history and cross-cultural encounters.

- Flexible nature of the programme makes it suitable both for those wishing to go on to doctoral research or wishing only to take a year's specialist study.
- A unique introduction to the emerging field of spatial history, including the study of representations of space, of landscapes, mental maps, spatial practices and topographies of memory.
- Explore approaches to the history of cities as hubs, of transfers and travel, of the circulation of ideas and the migration of peoples.
- Gain proficiency in powerful tools for mapping, geographic analysis, and the study of social networks as well as skills in the use of non-textual sources and overcoming the challenges of translation and multilingual archives.



"You breathe Scottish history as you walk around St Andrews where you are constantly reminded of Scotland's story. The facilities for postgraduates in History are fantastic. Most students can apply to have their own desks and there is the research library in Martyrs Kirk, which is a great place to study."

Sarah (Fife, Scotland)

International Relations

www.st-andrews.ac.uk/subjects/international-relations
irpgt@st-andrews.ac.uk



School of International Relations

Taught programme options

MLitt PGDip

International Political Theory
International Security Studies
Middle East, Caucasus and
Central Asian Security Studies
Peace and Conflict Studies
Strategic Studies – see *Interdisciplinary degrees page 31*
Terrorism and Political Violence
Terrorism and Political Violence –
Distance Learning

MRes DProf

International Relations

MPhil

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

International Relations as a discipline enables you to explore diplomatic history, international law, political theory, political economy and political science in order to provide theoretical perspectives to explain conflict and co-operation in the wider world.

- The School is the only one of its kind in Scotland and has over 40 academic members of staff.
- International Relations has been taught at the University since 1978.
- You will study in a School that has a long established international reputation for its high quality teaching and research, consistently achieving top rankings in University league tables.
- You will interact with many world-renowned scholars researching on the topics that they teach, whose wide ranging expertise covers all regions and today's most pressing global issues.
- You will be part of a diverse, dynamic and high achieving international student body, with over 85 taught postgraduate and over 80 research students in any year, that is enthusiastically and actively engaged in the discussion of contemporary world affairs.
- The School was ranked second in Scotland for politics and international studies in the latest Research Excellence Framework.

Postgraduate community

Studying for a postgraduate degree in International Relations offers you great opportunities to join our scholarly community. During the semester, our research centres and postgraduate programmes hold seminars, talks and round-table discussions which involve speakers both from St Andrews and eminent scholars from the UK and the rest of the world. The seminars cover a wide range of areas that relate to various topics in our programmes and research areas.

As a postgraduate research student in the School, you will make a significant and valuable contribution to the intellectual life of the School. There is a seminar series which allows research students and staff to present their work in progress.

Teaching format

Taught through a mixture of lectures (20 to 30 students), seminars and tutorials (1 to 15 students). Assessment methods include examinations and coursework. For your 15,000-word dissertation, your supervisor will advise on the choice of subject and provide guidance throughout the research process.

Careers information

Many graduates of our programmes go on to careers in the academic field as university teachers, researchers or administrators. Some have gone into government service, including international organisations, while others find employment with NGOs, think-tanks, the media, the military, as well as the private business and financial sectors. Graduates are employed globally reflecting the international environment of the School.

Research specialisms

The research in the School brings a distinctive multi- and interdisciplinary perspective to the study of international politics. The research specialisms include:

- International institutions and law
- International security
- International theory
- Peace and conflict
- Regional studies including the Middle East, Central Asia and Southern Africa
- Strategic studies
- Terrorism studies

“I wanted to be immersed in a community that challenged assumptions. The readings and guidance from the professors have offered viewpoints and critiques that have allowed me to build my own understanding of International Relations.”

Ian (Vermont, USA)

International Relations

www.st-andrews.ac.uk/subjects/international-relations

International Relations (MRes)

Provides intensive training in research design and methodology and is intended for students considering PhD studies.

- You will be introduced to theoretical and analytical approaches in international relations and research design in the social sciences, leading to completion of a comprehensive research proposal.
- You will develop knowledge of, and expertise in, quantitative and qualitative methods.
- This research training will be applied to a particular subject area linked to one of our MLitt programmes.

International Relations (DProf)

A practice-based (practitioner work-based) doctorate and is taken on a part-time basis. Professional practice is at the heart of the DProf, which is open to experienced professionals who are employed in any area of work, including those in emerging professions and disciplines.

- The degree is practice-based rather than an exclusively institutional focus; candidates are normally working while completing the doctorate.
- Successful completion of the degree normally leads to professional and/or organisational change.
- You will complete several articles and write a policy paper for publication based upon your practitioner knowledge.

International Political Theory (MLitt/PGDip)

Provides students with a dynamic and systematic understanding of how political theory can be brought to bear on international politics and world affairs.

- 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.

International Security Studies (MLitt/PGDip)

Introduces international security through traditional and critical approaches. You will think creatively, analytically and originally about international security.

- This programme offers a holistic framework that enables you to conceptualise international security from multiple angles and pushes you to ask alternative questions.
- It provides you with a solid foundation of theoretical approaches and empirical case studies related to international security.
- You are equipped with specialised skills, creative mindsets and critical outlooks that will allow you to excel in your studies and beyond.

Middle East, Caucasus and Central Asian Security Studies (MLitt/PGDip)

Will deepen your knowledge of security studies, and of the politics, international relations, economics and society of the three regions. The course offers the opportunity to study languages of the regions (Arabic, Persian, Russian).

- It is designed as a prelude to professional work in diplomacy, government, NGOs, or international business or as preparation for PhD study.

Peace and Conflict Studies (MLitt/PGDip)

Explores the foundations of peace and conflict theory, focusing on challenges that arise in areas of peace building, peace processes, reconciliation and post-conflict reconstruction.

- You will reflect on the nature of violence, war and peace through engagement with the divergent intellectual approaches used to understand them. Key questions considered include: Why do wars begin? Why do wars end? What accounts for the nature and persistence of violence? What can be done to prevent war's reoccurrence?
- It assumes a dual oriented approach: theory-building and testing and empirical case study orientation.

Terrorism and Political Violence (MLitt/PGDip)

Seeks to develop in students a critical understanding of the concept of terrorism and political violence within the context of a multidisciplinary approach to security studies.

- Aimed at individuals with either an interest or experience in the field of counter-terrorism, risk, insurance and government.
- Offers multidisciplinary perspectives on terrorism and political violence.
- Provides significant research methods training.
- Introduces you to critical assessments of terrorist incidents and behaviour.
- Examines selected approaches to knowledge generation around terrorism and counter-terrorism and considers the development of new responses to terrorism and political violence.

Terrorism and Political Violence (MLitt/PGDip) – Distance Learning

This part-time online course seeks to develop in students a critical understanding of the concept of terrorism and political violence within the context of a multidisciplinary approach to security studies.

- Multidisciplinary perspectives on terrorism and political violence.
- Provides significant research methods training.
- Introduces you to critical assessments of terrorist incidents and behaviour.
- Examines selected approaches to knowledge generation around terrorism and counter-terrorism and considers the development of new responses to terrorism and political violence.
- Offers the benefits of traditional teaching combined with online course materials.
- Graduates go on to work in various professional fields including law, policy research and consultancy, NGOs, charities, international organisations, civil service and publishing.



“The School will do everything possible for you to achieve your academic goals. Your classmates are international, and this diversity gives you the chance to challenge your world view and assumptions.”

Rin (Tokyo, Japan)

Management

www.st-andrews.ac.uk/subjects/management
pgmanagement@st-andrews.ac.uk



The Gateway, School of Management

Taught programme options

MSc

Banking and Finance
Finance and Management

Information Technology with Management (MSc/PGDip)
– see *Interdisciplinary degrees* page 30

MLitt

Human Resource Management
International Business
International Business and Strategy (joint
with Moscow State University)
Management
Marketing

Management is a distinct social science discipline that aims to understand how organisations, such as for-profit businesses, government and public sector bodies and non-governmental organisations operate and how value is created in multiple organisational forms.

- Approximately 40 staff involved in teaching in the School, with additional visiting lecturers and guest speakers.
- A student population of approximately 230 taught postgraduates and 40 PhD students.
- The School holds an Athena SWAN Bronze Award for equality, diversity and inclusion.
- The School was ranked fourth in the UK in the latest Research Excellence Framework, based on research intensity.

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 on a global scale.

In the School of Management our teaching, learning, research and collegial relationships are grounded in the concept of responsible enterprise. We are a supportive community ensuring that students think and engage critically with subject matter, both practical and theoretical, developing their abilities and skills in analysis, synthesis, evaluation and application of ideas and concepts.

Teaching format

A range of methods including lectures, small group tutorials, workshops and seminars. The average lecture size is 30 students, however in some cases there will be seminars of 15 to 18 students or larger lectures with up to 100 students, which are normally augmented by small-group tutorials.

Masters Extra (MX) Programme

This programme focuses on careers and professional development and is open to all Masters students in the School of Management. The series of talks, workshops, networking opportunities and activities includes guest lectures from leading academics and experienced managers. Participants earn a Certificate in Career Development through regular attendance.

Careers information

Alumni from Masters Programmes in the School of Management have secured employment in the fields of consultancy, general management, marketing and brand management, accountancy, investment analysis/investment banking, fund administration and other financial services industry organisations.

Graduates have taken up these roles in a wide variety of organisations in the public and private sector. In addition, a number of past graduates have gone on to set up their own businesses or to study for a PhD both at St Andrews and elsewhere.

Research specialisms

The School has built and fostered a research environment that is highly collaborative. The School has successfully competed for, and received, major grants which have funded the development of projects in key research themes. Our leading research makes a significant contribution to our teaching in the School. Our specialisms are in:

Accounting, governance and organisations
Financial institutions and markets
Knowledge and practice
Organisations and society

The results of this research have been reported in the top international journals as well as being used by policy makers and practitioners.

“The ability to continue working with my supervisor, and the supportive academic community that I felt I already belonged to from my undergraduate studies were really important to me. There is also the opportunity to engage with people across different departments, with different intellectual backgrounds and pursuits.”

Olga (Riga, Latvia)

Management

www.st-andrews.ac.uk/subjects/management

Banking and Finance (MSc)

Provides students with a solid preparation for further academic-oriented research in banking and finance as well as the skills needed for a wide range of careers in the financial industry.

- You should have 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 in finance.
- You develop your communication and teamwork skills through group work, presentations and written work.

Finance and Management (MSc)

Helps students develop an integrated and critically aware understanding of the financial context of managing business organisations and equips them to take an effective role within those organisations.

- You should have an undergraduate degree in business, management or a related discipline. Your first degree needs to include a finance, mathematical or statistical element.
- Provides a strong foundation in the principles and practice of finance within organisations.
- Explores the complexities of international corporations, financial markets and investment management.
- You develop your communication and teamwork skills through group work, presentations and written work.

Human Resource Management (MLitt)

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.

- You should have an undergraduate degree in business, management or a related discipline.
- Accredited by the Chartered Institute of Professional Development (CIPD) – if a particular combination of modules is taken.
- Improves your understanding of the principles and practices of managing a workforce within the context of the overall strategic management of organisations.
- You develop your communication and teamwork skills through group work, presentations and written work.

Management (MLitt)

Provides students from disciplines other than business and management with an understanding of key contemporary management methods and the fundamental analytical, practical and leadership skills needed for managerial roles within organisations.

- Develops a strong awareness and a flexible approach to complex problem solving within organisations.
- Imparts you with a solid foundation in contemporary management methods and core business principles.
- You will gain the important analytical and management skills required to obtain a professional position with managerial responsibilities or a leadership role within an organisation.
- Accredited by the Chartered Management Institute.

International Business (MLitt)

Prepares students for cross-cultural work, providing the knowledge and critical understanding of key business and management practices while considering issues of responsibility in organisations on a global scale.

- You should have an undergraduate degree in business, management or a related discipline.
- Introduces new approaches to management thinking.
- Enables you to embark on a career within a multinational or global organisation with a firm grounding in the principles of strategic management.
- You develop your communication and teamwork skills through group work, presentations and written work.

International Business and Strategy (Two-year joint programme with Moscow State University) (MLitt)

- This degree is a two-year (four semester) programme taught jointly by the School of Management, University of St Andrews and Moscow State University Business School.
- The programme enables students to build upon previous academic studies in business, management or a related field.
- In the first year, while studying in Moscow, you will undertake core international business modules and also have the opportunity for intensive English language teaching to prepare you for the second year of studies in St Andrews.

Marketing (MLitt)

Develops an integrated and critically aware understanding of marketing and organisations, equipping students to meet the strategic challenges of the global marketplace.

- You should have an undergraduate degree in business, management or a marketing-related discipline.
- Combines solid academic enquiry with the key subject knowledge required by marketing professionals.
- Explores marketing issues both domestically and internationally.
- Encourages you to become a reflective learner and consider relevant issues from a variety of perspectives.
- Enables you to think critically and strategically while taking account of an organisation's stakeholders.
- You develop your communication and teamwork skills through group work, presentations and written work.



"I chose to study at St Andrews because of its distinguished reputation and to immerse myself in a diverse learning environment with a business focus and the opportunity to interact with students from around the world."

Taran (Alberta, Canada)

Mathematics & Statistics

www.st-andrews.ac.uk/subjects/mathematics
 maths-msc-enquiries@st-andrews.ac.uk



School of Mathematics & Statistics

Taught programme options



Applied Statistics and Datamining
 Data-Intensive Analysis – see *Computer Science*
 page 49
 Mathematics
 Statistics



Applied Statistics and Datamining

Your primary focus studying Mathematics will be understanding patterns and structure and developing the tools with which to analyse them, and/or modelling and analysing complex dynamical systems.

- Access to a wide range of advanced mathematical courses across the entire spectrum of mathematics and statistics, and the opportunity for independent study.
- The School of Mathematics & Statistics is well equipped with computing facilities (including a powerful parallel computing cluster) and an on-site library.
- A wide range of seminars and colloquia occur on a regular basis during the semester providing fascinating views on the latest research in a diverse array of fields.
- St Andrews plays a key role in the Scottish Mathematical Sciences Training Centre (SMSTC) that provides a wide range of postgraduate lecture courses to PhD students at several universities in Scotland.
- We offer opportunities to work closely, and undertake project work, within a leading research group.
- The School offers the opportunity for a joint PhD degree with the universities of Cape Town, South Africa and Grenoble, France where candidates would spend between one and two years.
- The School was ranked second in Scotland in the latest Research Excellence Framework.

Postgraduate community

The School has a thriving postgraduate community consisting of more than 24 MSc students, around 45 research students, 40 academic staff and more than 45 postdoctoral researchers and honorary staff.

The size of the School promotes a friendly atmosphere, allowing the cross-flow of ideas, and at the same time provides the depth of scholarship necessary to pursue major scientific programmes at an international level. There are strong links between the different research groups, which provide the natural environment for producing high-quality research. In particular, we are proud of our strong interdisciplinary links with computer science, biology, astronomy and geoscience.

Teaching format

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.

Careers information

An MSc in Mathematics or Statistics opens the way for a variety of careers. For example, our graduates hold positions at leading universities and companies in areas as diverse as business administration, computer science modelling, wildlife and conservation organisations and in pure mathematics. Recent graduates at Masters level have, amongst other things, moved on to further postgraduate or postdoctoral studies.

Research specialisms

The School contains a number of internationally leading research groups covering a diverse array of subjects in the fields of applied mathematics, pure mathematics and statistics. Research in the School is undertaken in the following areas:

- Algebra and combinatorics
- Analysis
- Computational algebra
- Ecological and environmental modelling
- History of mathematics
- Mathematical biology
- Solar and magnetospheric theory
- Statistical ecology
- Statistical inference
- Vortex dynamics

“For me, the high level of output from the research group and a good relationship with supervisors was really important, and St Andrews fulfilled this. The School is also very social and there are numerous opportunities to get to know other postgraduates and staff from across the research groups.”

Fiona (North Lanarkshire, Scotland)

Mathematics & Statistics

www.st-andrews.ac.uk/subjects/mathematics

Applied Statistics and Datamining (MSc/PGDip)

Is a commercially relevant programme of study providing students with the statistical data analysis skills needed for business, commerce and other applications.

- Preparation for commercial data analysis.
- This programme has its content aligned with the requirements of the commercial analysis sector.
- Dissertation topics are generated in part by commercial partners.
- Teaching includes widespread commercial software packages like SAS and SPSS, along with popular open-source tools such as R.

Mathematics (MSc)

Prepares students with a background in pure or applied mathematics for further postgraduate study or a career in the private sector. The course covers a wide range of topics including group theory, computing in mathematics, combinatorics, fluid dynamics, solar theory, mathematical biology, and measure and ergodic theory.

- 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.
- You will have the possibility of enrolling into an independent study module or into a professional skills for mathematical scientists module.

Statistics (MSc)

Prepares students with a strong quantitative background for further postgraduate studies or a future career in the private sector.

- You are prepared to go on to pursue research in statistics or to enter the commercial analysis market with a broader skill set.
- This programme covers a range of advanced module choices across various theoretical and applied statistical areas.
- The course enables you to put your statistical knowledge into practice through various different types of continual assessment and also by way of the dissertation, which is undertaken during the summer months.



“There is a big variety in the research interests in Mathematics, ideal if you want to explore more areas in Mathematics, and the structure of the course gives you freedom to choose from a wide variety of modules.”

Maria (Nicosia, Cyprus)



“My choice for studies was based on where I would best be able to hone my research skills, and St Andrews is very well regarded for Mathematics. St Andrews also has a unique postgraduate experience and a tightly knit community.”

Sanil (Curepipe, Mauritius)

Medicine

✔ www.st-andrews.ac.uk/subjects/medicine
medpgt@st-andrews.ac.uk for Taught programmes
pgmed@st-andrews.ac.uk for Research enquiries



Consulting room, School of Medicine

Taught programme options



Health Psychology



Scottish Graduate Entry Medicine (ScotGEM)

The School of Medicine fosters interdisciplinary collaboration between medical staff and scientists and its purpose-built facilities are superbly equipped for teaching and research. Medicine offers a taught Masters programme and accepts research PhDs in the sciences.

- The School of Medicine is both teaching and research active.
- Around 150 members of staff, some employed jointly with the NHS.
- The postgraduate taught course is establishing itself as a highly regarded and popular scheme of applied learning.
- The mix of taught theory, skills development and research training has been recognised externally as featuring high quality components.
- The School was ranked second in Scotland for research outputs in the latest Research Excellence Framework.

Postgraduate community

The School of Medicine is located in purpose-built accommodation close to other science buildings. This is a unique model designed to foster interdisciplinary collaboration and create significant advances in medical research. This also acknowledges the growing international consensus that the most significant advances in medical and biomedical research will result from unrestricted collaboration between medicine and the sciences.

Teaching format

Delivered through tutorials, e-seminars, seminars, practical classes, individual supervision, computer exercises, practical observation and workshops.

There is dedicated study space for Masters and research students.

Careers information

As an MSc Health Psychology graduate you can follow the Stage 2 qualification route to become a qualified Chartered Psychologist of Health Psychology or obtain a

studentship for a health-related PhD programme. Otherwise there are employment opportunities in the NHS psychological or public health services or on health services research programmes.

Many of our graduates continue their education by enrolling as PhD students at St Andrews School of Medicine. After a PhD, you could continue in an academic institution as a postdoctoral researcher or pursue other options.

Many other career options are available to you including working in biomedical industries, formulating policy for governmental organisations or using the analytical skills you acquire in non-scientific careers.

Research specialisms

The School of Medicine has active research programmes covering a variety of areas:

Cellular medicine
Child and adolescent health
Infection and global health
Medical education
Molecular medicine
Population and behavioural sciences

"The most important element for me was having the ability to capitalise on my previous experience whilst allowing me to progress my academic career. I am part of an excellent research team but my project itself is also supported by an industry partner and therefore offered me the opportunity to gain experience from not only an academic but an industrial environment as well."

Ines (Limassol, Cyprus)

Medicine

www.st-andrews.ac.uk/subjects/medicine

Health Psychology (MSc)

Starts students on the path to becoming a Chartered Psychologist and provides training in the applications of psychological theory and research methods.

- The main aim of this accredited programme is to provide Stage 1 Professional Training for Chartered Health Psychologist status with the British Psychological Society.
- Aimed at graduate psychologists who wish to apply theoretical knowledge from their initial degree.
- Taught in collaboration with NHS Fife and with the School of Psychology & Neuroscience.
- You will participate in 12 clinical placement visits and will be required to meet travel costs of approximately £120.
- Provides you with the statistical and methodological skills necessary to undertake research in health psychology.

Scottish Graduate Entry Medicine (MB ChB)

ScotGEM is a four-year graduate entry medicine degree. It is run jointly by the universities of St Andrews and Dundee, in collaboration with the University of Highlands and Islands and four boards of NHS Scotland.

ScotGEM is the only graduate entry medicine programme in Scotland. It offers a unique and innovative programme tailored to meet the contemporary and future needs of the NHS in Scotland and focuses on rural medicine and healthcare improvement.

For full details of the programme, please see: www.st-andrews.ac.uk/subjects/medicine/scotgem-mbchb
scotgem-admissions@st-andrews.ac.uk



“St Andrews offered me all I could ask for in terms of curricular and extracurricular activities. The MSc Health Psychology programme seemed to have a great combination of the theoretical and the practical, with room to carry out a research project of my choice.”

Patrick (Belfast, Northern Ireland)

Modern Languages

www.st-andrews.ac.uk/modlangs
pgmodlangs@st-andrews.ac.uk



St Salvator's Quadrangle

Taught programme options



Modern Languages – with various specialised pathways
Crossways in Cultural Narratives (International)
German and Comparative Literature

You will not only develop a high level of proficiency in the language(s) you choose to study, but will also be able to pursue your own specific research interests, including culture, history, film, literature, politics, medical humanities and history.

- Fifty full-time academic staff in its seven languages and research centres provide unusually wide discipline-specific and cross-disciplinary research, teaching and supervision expertise. A list of staff and their areas of expertise can be found at: www.st-andrews.ac.uk/modlangs/people
- Strong international collaborations through the Crossways in Cultural Narratives programme (with partner universities in Argentina, Brazil, Canada, England, France, Italy, Mexico, Poland, Portugal, and Spain).
- Diverse and international student body from across Europe, North America, the Middle East, Asia, and Africa, as well as the UK.
- Bespoke modern languages and university research training and professional skills training.
- Strong emphasis on the integration of taught and research postgraduates (one-year Master of Studies by Research (MSt(Res)) and PhD students), through participation in the School's research seminar series and impact activities as well as in the dedicated postgraduate seminar series, postgraduate organised workshops and other research-related events.

Postgraduate community

The School promotes discipline-specific and collaborative teaching and learning so that students may explore their own particular interests in greater depth and breadth.

All postgraduates attend an array of School research seminars and workshops. Postgraduate students also organise their own events and activities in the School, including workshops with postgraduates in other disciplines.

The School provides a friendly informal setting particularly conducive to interdisciplinarity and discussion of ideas and issues comparatively across an unusually wide range of periods, from the medieval to the contemporary.

Teaching format

Classes are delivered through a mixture of lectures, seminars and fortnightly tutorials, with class sizes ranging from individual one-to-one teaching up to 20 students. Modules are assessed through coursework; there are no final exams.

Careers information

Recent MLitt graduates have entered journalism, UN interpreting, consulting, publishing, the civil and diplomatic service, energy resource management, public policy, international development as well as PhD study, to become University academics and administrators.

Research specialisms

There are exceptionally broad fields of research interest in the School of Modern Languages, ranging from the medieval period to the twenty-first century and engaging with cultures spanning the globe. The research specialisms for the seven languages (Arabic, French, German, Italian, Persian, Russian, Spanish) and Comparative Literature are:

Contemporary and comparative literature
Cultural identity studies
Medieval studies
Cross-cultural nineteenth-century studies
Poetry and poetic practices
Russian, Soviet and Eastern European studies

"St Andrews has a great postgraduate community, people come from various countries and backgrounds, and with various research interests. Modern Languages runs a series of cultural events including film screenings and meeting writers and journalists from around the world."

Tiran (Vanadzor, Armenia)

Modern Languages

www.st-andrews.ac.uk/modlangs

The **Modern Languages (MLitt)** is specifically designed so that you can follow your academic interests in **at least one** of the following pathways:

Comparative Literature – You will explore the transnational understanding of literature and culture, through a critical evaluation of theoretical approaches combined with the intensive study of an extremely broad range of European texts and their relations to other literatures.

You will have the opportunity to work with academic staff specialising in Arabic, French, German, Italian, Persian, Russian and Spanish literatures and cultures, from the medieval period to the twenty-first century, as well as with translations and Anglophone materials.

Cultural Identity Studies – You gain a theoretical grasp of different dimensions of cultural identity and explore the ways such dimensions are represented in one or more of the cultural traditions of the Arabic- and Persian-speaking world, France, Italy, Germany, Spain, Latin America and Russia.

You will explore, through literature and related forms, the relationship between the centrifugal forces of globalisation and cosmopolitanism on the one hand, and the centripetal impulses towards home and localism on the other.

French Studies – You acquire advanced knowledge of contexts that have shaped literature and culture in the French-speaking lands from the medieval period to the present day.

You will have personal access to tutors with expertise in a wide range of areas from early modern literature, history and culture, to modern and contemporary culture, politics and literature. Research specialisms in the French Department include women writing, poetry, life writing, French and Francophone theatre, postcolonial literature, as well as the interfaces of nineteenth-century culture and science in French and European contexts.

German Studies – You develop your academic interests in German language societies and cultures from the Middle Ages to the present.

You will work with academics who have expertise in a particularly wide range of research specialisms in German studies (medieval literature, the nineteenth century, realism, travel writing, historiography, queer studies, cultural memory, contemporary literature, film and visual culture).

Italian Studies – You further your studies in a wide range of areas of Italian literature, culture and history. Students can bring training in theory and research methodologies to bear on directed study of topics which reflect their own research interests.

Staff research specialisms include modern and contemporary literature and film, twentieth-century poetry, Renaissance literature and culture, Dante studies, postcolonial studies, Italian humanism and transnational modern languages.

Middle Eastern Literary and Cultural Studies – You deepen your knowledge of classical and modern Arabic and Persian literatures and cultures, including music and film, as a prelude to professional work in the arts and culture of the area or as a sound basis for progression to PhD study.

You will explore a broad range of subjects in Middle Eastern literary traditions (Arabic, Persian, Kurdish) before focusing on a subject, medium and/or genre of your choice, while finding the main perspectives on the nature of the discipline in the last two decades.

You will have the opportunity to work with academic staff specialising in Arabic and Persian literatures and cultures, from the medieval to the twenty-first century.

Russian Studies – You deepen your knowledge of the interrelated fields of Russian literature, film, culture and history to the present day.

You will be taught by internationally acclaimed academics with an exceptionally wide range of expertise, including comparative literature, literary theory, poetry, crime fiction, gothic, realism, cultural memory, film, Russian avant-garde, Russian and Soviet theatre, celebrity, gender and queer theory in Russia.

Spanish and Latin American Studies – Aims to develop and enhance your knowledge of Hispanic literature, culture and history through textual study and theoretical reflection.

You will encounter a wide range of research interests and expertise, including in Cervantes; Golden Age poetry; Latin American narrative and essay; modernismo and avant-garde in Spain and Spanish America; gender, cultural memory and theatre censorship in Spain; twentieth and twenty-first century Spanish poetry; Spanish historical grammar and sociolinguistics.

The School offers **two-year MLitt degrees** with study at St Andrews and EU partner institutions:

Crossways in Cultural Narratives (International) – two years

This is a two-year EU-endorsed, multidisciplinary and multilingual programme delivered by a consortium of international universities. At St Andrews, study in this degree focuses on the areas of cultural identities and comparative literature.

- The major focus is on literature, with a comparative approach, but it includes modules in aesthetics, history of ideas, semiotics and communication.
- Mastery of at least two of English, French, Italian, German, Polish, Portuguese and Spanish is required.
- Provides an opportunity to study in three languages at three institutions over two years.
- The programme is open to European students from EU member states, as well as those from the rest of the world.

German and Comparative Literature – two years

Offers a unique opportunity to gain a comparative perspective on German literature through a joint qualification from the University of St Andrews and the University of Bonn, Germany.

- You complete a two-year degree course spending your first year in Germany and the second year in Scotland.
- Upon successful completion you are awarded a joint degree comprising a Scottish MLitt and a German MA.
- By studying at two world-renowned and historic universities you become truly bilingual and intercultural in your approach and outlook.
- The programme is taught by a group of internationally renowned experts in major areas of German and comparative studies from the Middle Ages to the twenty-first century.



“Despite the relatively small size of the School, there is a rich, diverse and exciting community. I have been fortunate enough to have classes with people who study a wide range of disciplines and topics within literature and culture and every day I’m learning something new from them.”

Enyseh (East Sussex, England)

Philosophy

www.st-andrews.ac.uk/subjects/philosophy
philosophy@st-andrews.ac.uk



Department of Philosophy

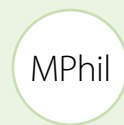
Taught programme options



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



Conversion Diploma in Philosophy



Philosophy

Philosophy is a highly interdisciplinary subject and attempts to examine and answer questions raised by natural science, by the study of art and literature, by the nature of language and communication, and by history.

- The St Andrews and Stirling Graduate Programme (SASP) is an internationally recognised programme for Philosophy.
- There are about 40 taught postgraduate students admitted each year, drawn from the UK and around the world.
- Over 35 dedicated full-time Philosophy staff in the SASP programme work in a broad spectrum of disciplines.
- There is an annual reading party (retreat) in the Scottish Highlands for all taught and research postgraduates and staff.
- One of the most respected international philosophy journals, *The Philosophical Quarterly*, is edited from St Andrews.
- The School was ranked top in Scotland and fifth in the UK in the latest Research Excellence Framework.

Postgraduate community

St Andrews and Stirling together form Scotland's premier centre for philosophy and one of the top philosophy schools in the UK. The philosophical ambience is intense, friendly and co-operative.

The research programme is enhanced by a busy programme of conferences, workshops and talks given by visiting speakers from universities in the UK and from abroad.

St Andrews has weekly seminars run by and for all taught and research postgraduate students in Philosophy. The programme also supports and encourages a wide range of student-led reading groups. There is a very active student Philosophy Society.

Teaching format

Teaching is delivered through lectures, tutorials and reading groups. Most modules are taught in small groups, normally consisting of 4 to 12 students. All postgraduate taught students in Philosophy take one module on 'research methods' in their given field and two modules on 'current issues'.

The programme consists of six taught modules taken over two semesters (each assessed by coursework) and a 15,000-word dissertation prepared over the summer. Staff from both St Andrews and Stirling are available to supervise the MLitt dissertation.

Every MLitt student is assigned an adviser at the beginning of the year. Advisers offer individual guidance on essay planning and writing, academic conduct, and advice on how best to apply for a PhD place.

Career information

Students normally use the MLitt as a stepping stone for further graduate study, such as the St Andrews/Stirling MPhil (which requires another year of study) or a PhD in the UK, Europe or the United States. Graduates work in academia, in publishing, or the civil service or other professions that value careful thought and expression. Conversion Diploma students typically apply for a place on the St Andrews/Stirling MLitt or a comparable graduate programme.

Research specialisms

Philosophers in St Andrews and Stirling work on a wide range of issues, including: epistemology, logic and the philosophy of logic, philosophical methodology, the philosophy of language, metaphysics, the philosophy of mind and perception, applied ethics, ethical theory, meta-ethics, political and legal philosophy, the philosophy of economics and aesthetics.

Particular strengths in the history of philosophy are ancient philosophy, early modern philosophy, Scottish philosophy, the history of analytic philosophy and Kant.

"I came for a Masters programme in Philosophy and stayed for a PhD. The academic profile of the Department was the most important element for me in deciding where to study, and St Andrews fulfils this. There is also a spirit of collegiality and friendship among the Philosophy postgraduate students. Events, like the Friday Seminar, are well attended and there is a great deal of support."

Janis (Koblenz, Germany)

Philosophy

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

Epistemology, Mind and Language (MLitt)

Offers students the opportunity to investigate topics including normativity, intentionality, representation, consciousness, rules, thought, and reason and rationality.

- A range of modules are available with a specific focus on epistemology, the philosophy of mind and the philosophy of language.
- The Arché research centre regularly discusses topics of interest to students on this MLitt.
- There are reading groups and other informal opportunities to discuss matters of interest to students who wish to specialise in this field.

History of Philosophy (MLitt)

Focuses on the historical traditions of western philosophy, allowing students to study across a range of periods from the classical period through to early analytic philosophy.

- The programme develops a distinctive approach to understanding the interconnected questions, themes and topics from these periods, equipping you with tools for future research at doctoral level.
- There are long-established informal venues for the history of philosophy: an ancient philosophy reading group, a Kant colloquium and an annual Kant reading party at The Burn in Angus.

Logic and Metaphysics (MLitt)

Offers students a specialist education in various topics within both logic and metaphysics. Students are encouraged to find connections between these specialisms and are provided with the understanding and tools required for future research.

- There are a number of optional modules with a focus on metaphysics or logic to choose from.
- The Arché research centre regularly discusses topics of interest to students on this MLitt.
- Several reading groups and research seminars are open to students who wish to specialise in this field.

Moral, Political and Legal Philosophy (MLitt)

Provides a firm foundation for students wishing to specialise in ethics, and specifically in contemporary ethics, including moral philosophy, political philosophy and legal philosophy.

- The focus is on introducing students to contemporary debates in philosophy, whilst also encouraging connections between various specialisms.
- The Centre for Ethics, Philosophy and Public Affairs (CEPPA) regularly discusses topics of interest to students on this MLitt.
- Several reading groups and research seminars will be of interest to students who wish to specialise in this field.

Philosophy (MLitt)

Offers the opportunity to study a wide range of topics within the discipline, in order to broaden your understanding and investigate different research topics.

- Offers the widest range of the optional modules offered by the Department, allowing you to choose any combination of philosophical topics.
- Taking a range of modules allows for maximum flexibility when choosing a dissertation topic.
- A huge range of reading groups and research seminars will be open to students enrolled in this programme.

Conversion Diploma in Philosophy (GradDip)

Is for those who wish to pursue the study of philosophy at postgraduate level but have studied little or no philosophy in their undergraduate degree. It builds a firm foundation for those looking to undertake research in philosophy.

- Students take a range of undergraduate modules, most of them at Honours level.
- Students who pass the Graduate Diploma at a satisfactory level can go on to join the MLitt Philosophy programme a year later.
- You will have full access to the postgraduate Philosophy community, including reading parties, seminars and workshops.



Arché Research Centre



“There is a wide variety of expertise amongst the Philosophy staff and many opportunities to learn outside of classes as well as in them. Everyone should take full advantage of the reading groups, conferences and the Philosophy Society – it helps make your postgraduate experience more collaborative.”

Geertje (Rotterdam, Netherlands)

Physics & Astronomy

www.st-andrews.ac.uk/subjects/physics
physics@st-andrews.ac.uk



MSc Astrophysics students at the Teide Observatory in Tenerife

Taught programme options

MSc

Astrophysics
Photonics and Optoelectronic Devices

Internationally recognised research areas in astronomy and astrophysics, condensed-matter physics, photonics and optoelectronics, biophysics, and theoretical physics complement and guide our teaching at all levels.

- The School of Physics & Astronomy has around 40 academic staff, 60 postdoctoral researchers, including 6 EPSRC, STFC and Royal Society Research Fellows, 90 research students and 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. The dissertation project is usually hosted in a UK company.
- Astrophysics students make use of the telescopes at the University Observatory, which includes the largest operational optical telescope in the UK, and are offered the opportunity to join a professional observing trip to the Teide Observatory in Tenerife, Spain.
- St Andrews has specialist research laboratories in photonic microfabrication and in high-resolution condensed matter physics.
- It is a member of the Scottish Universities Physics Alliance (SUPA), whose Graduate School provides a comprehensive range of graduate level courses in physics and astronomy.
- In the latest Research Excellence Framework, the quality of research undertaken by PHYESTA, the joint physics and astronomy research centre of the universities of St Andrews and Edinburgh, was ranked third in the UK and top in Scotland.

Postgraduate community

The postgraduate community in the School of Physics & Astronomy includes typically 8 students on the Photonics MSc, 6 on the Astrophysics MSc, 10 engineering doctorate students taking photonics, plus around 80 PhD research students. Students on the MSc courses come from all over the world.

Students are taught by internationally-leading research experts, and the small size of the School means that there can be real interaction between students and staff. Lecture classes are relatively small, ranging from about 30 students down to groups of just a few. The teaching staff are proud to have the reputation of being accessible to students, and enjoy explaining the excitement of science and its applications to their students.

Teaching format

Teaching comprises lectures (sometimes shared with final year MPhys undergraduate students), tutorials, and laboratory or computational work. Communication and research skills are developed. Work for lecture modules is assessed largely through examinations whereas the laboratory and/or computational work is assessed in a continuous manner. Lecture courses are examined at the end of each semester.

Careers information

A postgraduate degree in physics or astronomy can prepare you for a broad range of careers in science, industry, commerce and education. The Photonics and Optoelectronic Devices MSc course aims to provide you with appropriate knowledge,

Research specialisms

Research in the School is divided into three main areas: Astronomy, Condensed matter physics, and Photonics (including optoelectronics and biophotonics).

There is extensive experimental infrastructure to support these areas such as: a class 10,000 microphotonics cleanroom, ultralow vibration laboratories, a molecular-beam epitaxy facility, high field NMR and EPR spectrometers, telescopes at the Observatory, access to international observational facilities, ultrashort pulse lasers, state-of-the-art imaging equipment, and technical services including a helium liquefier, machine shop and electronics workshop.

"The whole School is very welcoming, with excellent research facilities and a good level of camaraderie among the PhD students working in similar areas. St Andrews offers the opportunity to be part of a general condensed matter doctoral training centre (CM-CDT), which has offered an excellent training in both professional and research skills."

Rhea (Highland, Scotland)

Physics & Astronomy

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

skills and attitudes to go on to be successful in the photonics area. Some of the locations where our MSc graduates have obtained employment include BAE Systems, Cascade Technologies, Coherent, Edinburgh Instruments, Gooch and Hosego UK, Leonardo, M-Squared Lasers, Osram, Silixa, STMicroelectronics, Taylor Hobson and Unik Lasers. In addition to employment in companies, many of our MSc and PhD graduates find jobs as researchers in universities or national laboratories and observatories. Other common areas you may consider include data science, sales, marketing, careers in patent law, the financial sector, teaching and the media. In partnership with the Careers Centre we can help, advise and support you on your career options. The School runs careers fairs for our students and specific presentations providing advice on how to develop an academic career.

Astrophysics (MSc)

Allows students to gain experience in the core areas of astrophysics to develop the necessary research skills to carry out astrophysical research.

- You will be trained and encouraged to use the University Observatory and the James Gregory Telescope and have the opportunity to take part in an observing run at the Teide Observatory, Tenerife.
- The programme prepares you to undertake astrophysical research at PhD level.
- Modules provide transferable skills which enhance employability in and out of academia.
- The School provides many opportunities to take part in public engagement activities, to train your science communication skills.

Photonics and Optoelectronic Devices (MSc)

Provides postgraduate vocational training in lasers, optics, and semiconductors tailored to the needs of those seeking to enter the photonics-based industry and university research. Students benefit from classes using the expertise at St Andrews and Heriot-Watt University, followed by a 12 to 14 month project, often with a UK photonics company.

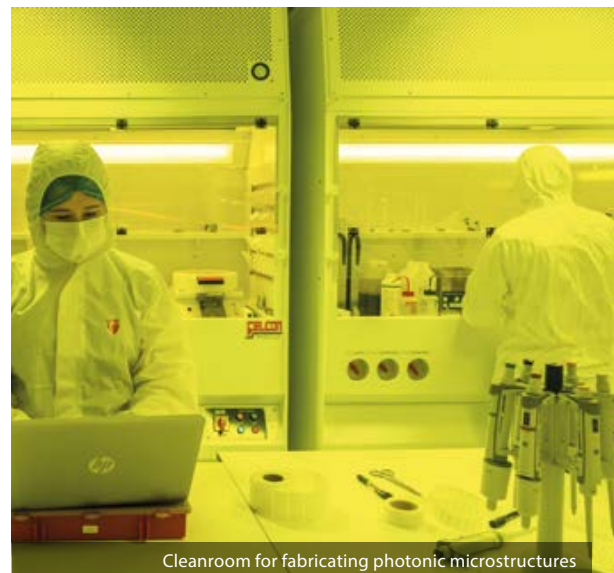
- Tailored to balance fundamental understanding with industrial relevance.
- You gain an understanding of the fundamental properties of optoelectronic materials and devices with vocational training in modern optics, laser physics and semiconductor physics. You also gain practical experience in the operation 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 to 14 weeks from late May to August and is assessed in September after the submission of a dissertation.
- The admissions process will be run by Heriot-Watt University for 2019 entry.



Discussing physics



The Observatory



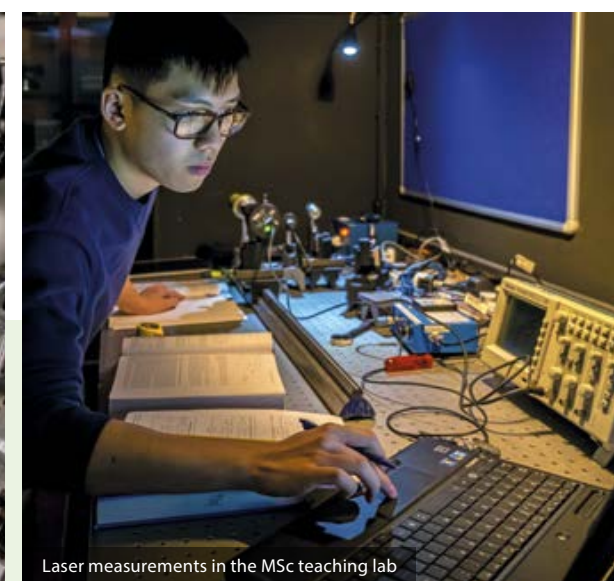
Cleanroom for fabricating photonic microstructures



Group study area



Research in quantum materials



Laser measurements in the MSc teaching lab



“Physics at St Andrews is phenomenal. As a science student, lab facilities and active research are really important; St Andrews has great labs and heaps of publications every year. The postgraduate taught community in the School is also pretty close-knit, everyone helps each other out and you can build a great rapport with the lecturers.”

Erin (Georgia, USA)

Psychology & Neuroscience

www.st-andrews.ac.uk/subjects/psychology
www.st-andrews.ac.uk/subjects/neuroscience
pgsecpsych@st-andrews.ac.uk



School of Psychology & Neuroscience

Taught programme options



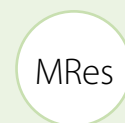
Evolutionary and Comparative Psychology: The Origins of Mind
Psychology (Conversion)
Research Methods in Psychology



Adults with Learning Disabilities who have Significant and Complex Needs – Distance Learning



Psychology of Dementia Care – Distance Learning



Neuroscience

Modern psychology focuses on the understanding of perception, cognition, motivation and behaviour at several different levels and is closely aligned with neuroscience. The topics covered within the School range from the study of the brain to complex social interactions of humans and animals.

- The School of Psychology & Neuroscience has approximately 40 academic staff, 100 postgraduate students, 20 postdoctoral researchers and 16 technicians and professional staff.
- 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. It has consistently been ranked one of the best research departments in the UK.
- The breadth of psychology and neuroscience taught in the School is a notable strength, with significant opportunities to be exposed to 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.
- The School proactively seeks ways to enhance equality, diversity and inclusion, as evidenced by its Athena SWAN Silver award, and the University is a Stonewall Scotland Diversity Champion.
- Psychology & Neuroscience was ranked second in Scotland in the latest Research Excellence Framework.

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 scientific programmes at an international level. It has active links with other Schools and Departments within the University, with other UK universities and with research institutions in other countries.

There is a large and thriving community of research staff and postgraduate students. The School believes that good teaching and good research go hand-in-hand and it takes pride in the research-based culture of teaching.

Teaching format

Taught through lectures, seminars, workshops and tutorials. Assessment varies among the programmes. Distance learning programmes are delivered as described overleaf.

Careers information

Our taught postgraduates have found positions in government, industry, education, medicine and charity work. About a fifth of our taught postgraduates continue their education with further postgraduate training within a year of graduation, and many continue on to postgraduate research programmes at St Andrews. Many of our graduates have also applied successfully for positions as research assistants in neuroscience and/or psychology laboratories, which has positioned them well to apply for PhD programmes in neuroscience, psychology or clinical psychology.

Research specialisms

Research is organised broadly around key themes, with many members of the School carrying out research in more than one theme. The research themes are:

- Neuroscience, including cellular, developmental, behavioural and cognitive neuroscience
- Origins of mind, including comparative psychological research on nonhuman primates and developmental psychology of infants and children
- Perception, cognition and action
- Primate research
- Social and group processes

"I chose to study at St Andrews because of the high-quality research. The School is welcoming and friendly, the principal investigators are incredibly supportive and enthusiastic, and the postgraduate community encourage and care about each other."

Abigail (Norfolk, England)

Psychology & Neuroscience

www.st-andrews.ac.uk/subjects/psychology
www.st-andrews.ac.uk/subjects/neuroscience

Adults with Learning Disabilities who have Significant and Complex Needs (MSc/PGDip) – Distance Learning

These part-time distance-learning programmes are intended as continuing professional development qualifications for staff who wish to be research-practitioners in their current post, or who wish to advance their career through applying evidence-based research in practice.

- The online open learning materials are written in an interactive style and are designed to encourage you to use your own workplace experiences as a basis for new learning and the development of research skills.
- The focus of the Postgraduate Diploma is on research; there is a structured approach to formulating research questions, data collection and analysis and improving practice through findings.
- The focus of the MSc is your own research; applying the knowledge and research skills gained in the Postgraduate Diploma to carry out research that will benefit the quality of service, quality of care and quality of life of adults with learning disabilities.

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

Provides advanced research training in a range of intellectual and practical skills associated with evolutionary, comparative and developmental approaches to the study of the mind. The researchers teaching in this programme aim to understand how evolutionary history and the process of development influence behaviour and cognition in a broad range of animal species, including non-human primates and humans.

- Gain the statistical and methodological skills necessary to undertake research in evolutionary, comparative and developmental psychology.

Neuroscience (MRes)

Designed to provide advanced training in neuroscience research. You will conduct a year-long research project and learn relevant techniques and skills through coursework. Research projects are carried out in a single laboratory over the full length of the programme, thereby giving you a unique opportunity to pursue research questions in depth. The overall aim is to help you acquire the skills needed to succeed as an independent research scientist.

- You are expected to have completed an undergraduate degree in a science related subject (e.g. Neuroscience, Chemistry, Physics, Biology, Psychology, Computer Science).
- Intensive week-long introductory module before the start of Semester 1.
- The programme includes a streamlined taught component.
- Students focus primarily on conducting their own independent research.

Psychology (Conversion) (MSc)

This is a conversion route for students who hold an undergraduate Honours degree (or the equivalent) in a subject other than psychology. The programme provides a detailed knowledge of the core areas of psychology and principal theoretical and methodological issues in the field.

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

Research Methods in Psychology (MSc)

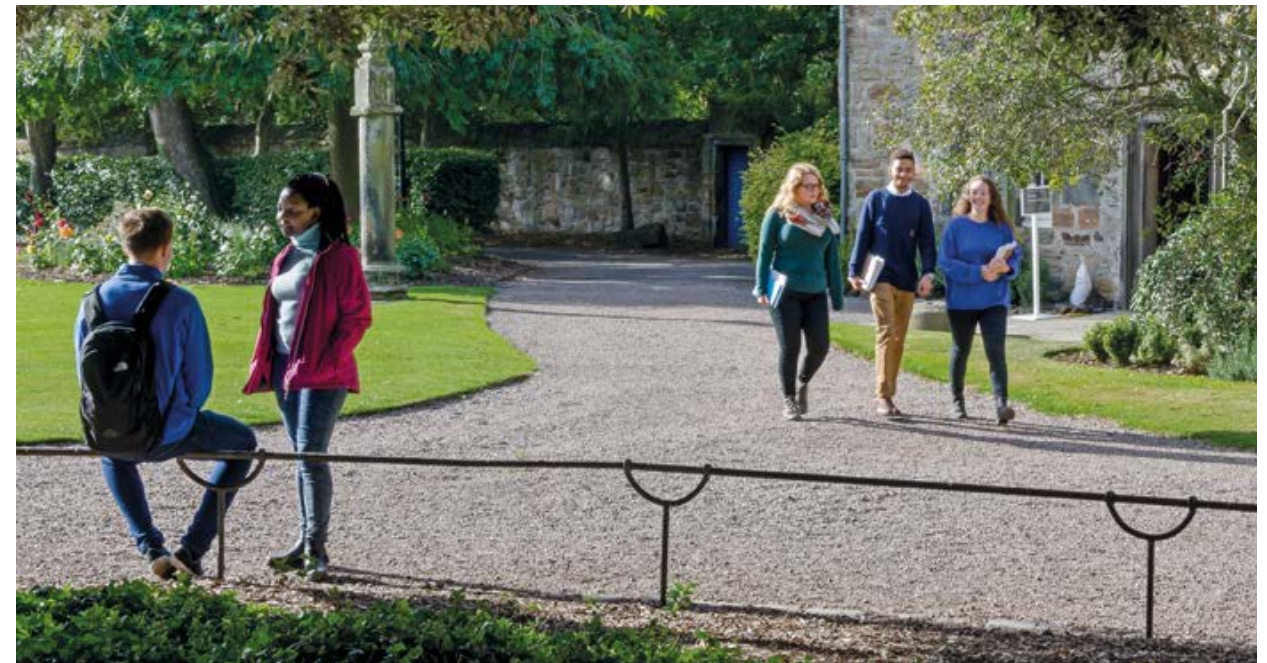
Designed to train students wishing to pursue a higher research degree in Psychology and equips them with the specific skills necessary for undertaking a career as a research psychologist in social and cognitive areas of psychology.

- Provides interdisciplinary training in the social sciences plus advanced research training in psychology.
- Recognised by the Economic and Social Research Council (ESRC) as an accredited course.
- Although targeted at the type of research funded by the UK ESRC, you will have access to the broad range of research performed in the School of Psychology & Neuroscience.

Psychology of Dementia Care (PGCert) – Distance Learning

Focuses on the practical application of psychological theory in dementia care and is intended for individuals who provide services to people with dementia.

- This programme provides a theoretical background to the psychology of dementia care. You will be encouraged to question current practice and to apply psychological theory to your own working situation.
- The programme consists of three modules. You can opt to enrol on one, two or three modules. To obtain the Postgraduate Certificate all three modules must be passed.
- Graduates from the distance learning programme entered or continued their work in a variety of occupations, including: occupational therapy, podiatry, speech and language therapy, social work, dentistry, nursing.

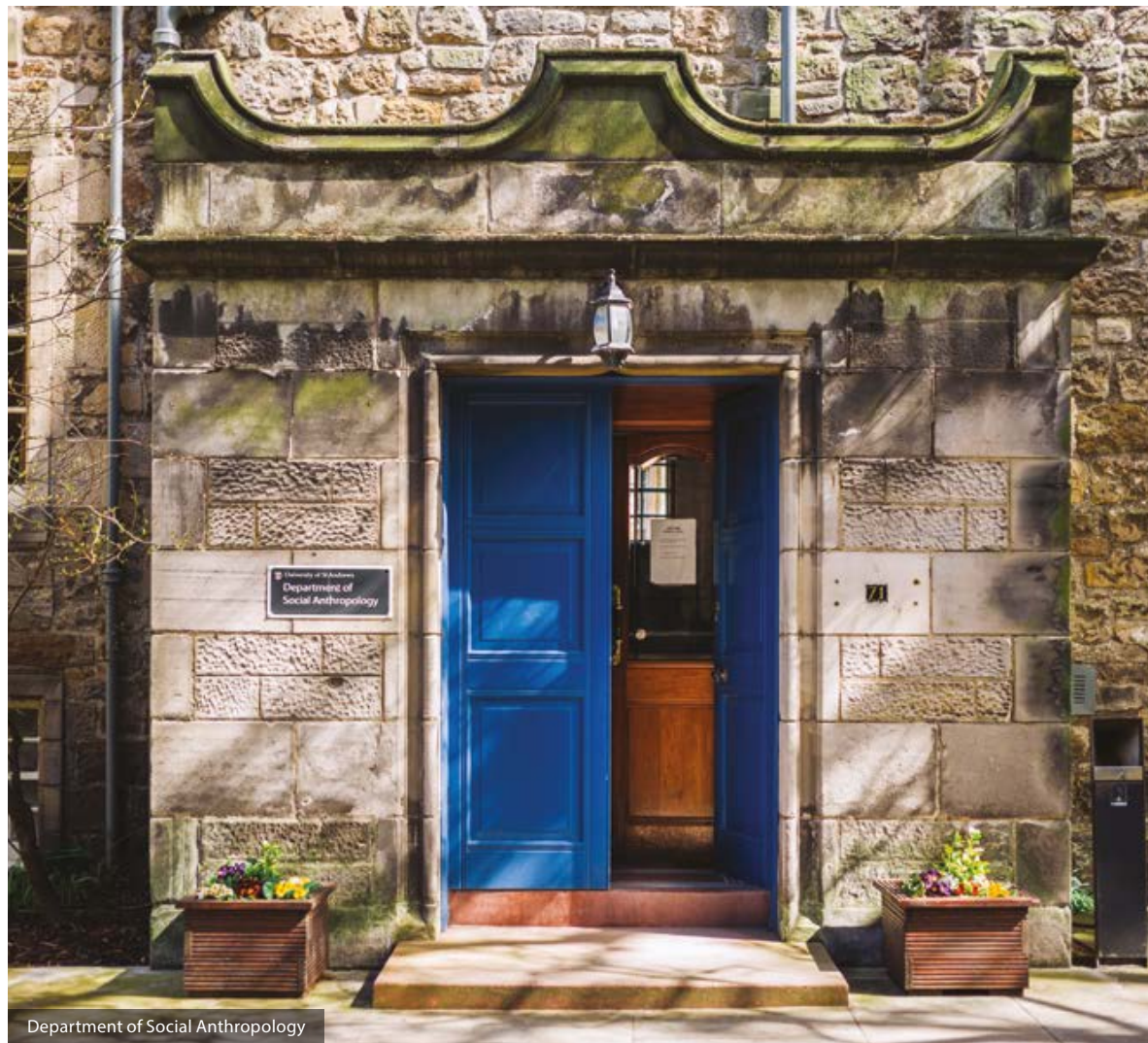


“Pursuing academic and research excellence is one aspect of a PhD, but what St Andrews does so well is helping with the transition from a student to an independent researcher. This transition is not painless, but it is priceless.”

Yunkai (Zhejiang, China)

Social Anthropology

www.st-andrews.ac.uk/subjects/social-anthropology
socanthadmin@st-andrews.ac.uk



Department of Social Anthropology

Taught programme options



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

Social Anthropology asks the fundamental question 'what is it to be human?' In order to answer this, you will examine the diverse ways in which humans establish and live social lives in the contemporary world.

- Social Anthropology at St Andrews was established in 1979, and is now a constituent department in the University's School of Philosophical, Anthropological & Film Studies with a staff of 16.
- Teaching at all levels is informed by the research interests and accomplishments of lecturing staff.
- The Department and Research Centres regularly host international conferences.
- At any one time, around 50 postgraduates are registered in the Department, of whom 40 are research postgraduates.
- The School was ranked second in Scotland for 4*/3* research in the latest Research Excellence Framework.

Postgraduate community

All postgraduates participate in annual workshops organised by the Department, jointly with the Anthropology Departments of the universities of Aberdeen and Edinburgh 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 training workshops act as complementary elements of the postgraduate training programme, and are organised in consultation with postgraduate students, according to their 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.

Teaching format

Small class 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 Social Anthropology staff, who works with them closely to develop a topic and direction for the end of degree dissertation.

Careers information

An advanced degree in Social Anthropology provides openings to a wide range of careers in private organisations, government and non-profit agencies conducting research into urban planning, health organisations and advertising companies, training employees to work in international divisions and working within human resource departments. Anthropologists are also employed as policy researchers, research analysts, evaluators, and managers and as advocates and administrators as well as moving successfully into teaching, law, marketing and journalism.

Research specialisms

Research here is especially concerned with the scrutiny and creation of qualitative methodology and with its application to comparative analysis. Research specialisms are in:

Amerindian, Latin American
and Caribbean studies
Cosmopolitan studies
Pacific studies

Social Anthropology

🔗 www.st-andrews.ac.uk/subjects/social-anthropology

Social Anthropology (MRes)

The MRes in Social Anthropology provides a firm foundation in the history, theory and methods of social anthropology and the other social sciences with which it engages. This serves as a basis for knowledgeable and skilled research into issues concerning the human endeavour almost anywhere in the world.

- Combines opportunities for theoretical development and specialist interests, with training in research methodologies.
- Conversion options within the degree structure if you are new to this subject.
- Preparation for the possibilities of doctoral research, and more specifically, for fieldwork-based anthropological projects.
- Introduces cross-disciplinary connections and differences.

Anthropology, Art and Perception (MRes)

This thematic programme provides training for postgraduate research into the anthropology of human creativity, art, material culture and visual expression. It takes perception as its starting point and draws on themes extending across the subject boundaries between art and anthropology.

- Explore new ways of thinking anthropologically, providing you with important, cutting-edge tools for future research.
- Starting with perception and the senses, the course draws 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 fieldwork and contemporary arts practice.

Social Anthropology and Amerindian Studies (MRes)

This regional programme is geared towards students seeking ethnographic and historical specialisation in the Americas. The programme aims to give students an awareness of research topics and trends in Amerindian Studies, and to prepare them for anthropological fieldwork.

- 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 Latin American world.

Social Anthropology with Pacific Studies (MRes)

This regional programme examines the history, languages, cultures and varieties of social organisation of the Pacific (Melanesia, Polynesia and Micronesia). The programme is designed for students who have a special interest in conducting their fieldwork for an Anthropology PhD in the region or because they wish to work there in some other capacity.

- You will pursue study 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, and the fundamental influence of this region on the discipline of social anthropology.



Department of Social Anthropology



“St Andrews offers a unique Masters programme, combining theories of art with anthropology. There are also field trips and events organised by the postgraduate society to get involved with – there are loads of opportunities to do interesting things here.”

Alanna (Sydney, Australia)

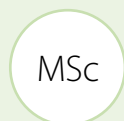
Sustainable Development and Geography

www.st-andrews.ac.uk/subjects/sustainable-development
gsd@st-andrews.ac.uk



School of Geography & Sustainable Development

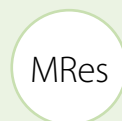
Taught programme options



Sustainable Development
Sustainable Development and Energy
Sustainable Development and
Environmental Economics



Sustainable Development



Human Geography/Sustainable
Development

Sustainable Development addresses the most pressing environmental and developmental challenges of the twenty-first century. Topics you will cover include human health, food production and distribution, climate change and environmental governance and the continuing threat to biodiversity.

- The School of Geography & Sustainable Development has 32 permanent academic staff, 5 teaching fellows, 7 support staff, 9 research fellows and assistants and 39 research postgraduate students.
- Particular strengths in sustainable development, environmental economics, environmental management, development, energy justice, health and population geography, Quaternary environmental change and glacial studies, urban and historical geography, homes, housing and labour markets, biogeography, oceanography.
- The School is a partner in the University's Scottish Oceans Institute (SOI).
- Dedicated space for postgraduates, plus a 24-hour access computer lab and locations for group or individual work, classes, events, receptions and relaxation.
- The School (jointly with Earth & Environmental Sciences) was ranked top in Scotland and fifth in the UK for the latest Research Excellence Framework.

Postgraduate community

Postgraduate students from across the globe are a vital part of the life of the School. Community life among MSc students benefits greatly from the dedicated spaces made available to taught postgraduates in the School. Groups and individuals collaborate actively with several overseas universities, and there may be opportunities for postgraduates to spend time abroad.

Teaching format

Students are taught via lectures, tutorials, seminar presentations, student-led workshops, as well as field trips and awaydays. Modules are assessed through written examinations and coursework including class tests, presentations and essays (for details specific to each module see the University's Course Catalogue: www.st-andrews.ac.uk/coursecatalogue).

Over the course of the programmes, but with particular focus during the summer months, students will research a project area and produce an academic literature review, a professional policy brief and a reflective essay.

Careers information

Some of our recent taught postgraduate students have gone on to study for a PhD in the UK or the USA, while most have used our Masters degrees as an intellectual foundation for diverse professional careers, including public and private sector sustainability consultancy, international development in the third sector, and energy conservation and renewable energy consultancy.

Research specialisms

Research is led by academic staff who publish in internationally recognised journals in their fields. The School's specialist research groups are:

- Environmental change
- Environmental economics and governance
- Geographies of sustainability, society, inequalities and possibilities
- Population and health

Both taught and research students are encouraged to associate and engage with the research groups, their seminars and activities.

"The wide range of specialised modules offered in the programme coupled with the opportunity to undertake classes from different Schools and Departments provided the perfect platform for me to not only follow my personal academic interests but also develop new ones."

Shashank (Mumbai, India)

Sustainable Development and Geography

www.st-andrews.ac.uk/subjects/sustainable-development

Sustainable Development (MSc/PGDip/PGCert)

The MSc in Sustainable Development is aimed at students who are interested in making a change to society, environment and economy. This programme is interdisciplinary in nature allowing you to interact with students from a number of other Schools and Departments around the University.

- It is open to students with a background in biology, economics, environmental sciences, geography, mathematics, politics or sociology.
- Interdisciplinary teaching provides multiple perspectives.
- The core Sustainable Development modules form a shared hub for all students in the School's suite of MSc programmes. Students on this MSc have more flexibility in their choice of options compared to those on the more prescriptive MSc tracks (e.g. Sustainable Development and Environmental Economics).
- The core Sustainable Development modules include a number of targeted field trips at no extra cost.

Sustainable Development and Energy (MSc – two years)

This MSc is part of a double Masters which takes place at both the University of St Andrews and the Moscow State Institution of International Relations (MGIMO). Students receive two qualifications, one from each institution. The first year in St Andrews focuses on Sustainable Development, while the second year at the MGIMO focuses on energy.

- No previous training in sustainable energy is required.
- You benefit from being a part of the Arctic Research Centre in St Andrews.
- Interdisciplinary teaching provides multiple perspectives.
- The core Sustainable Development modules include a number of targeted field trips at no extra cost.
- You are placed in internships at an energy company in Moscow during your second year.

Sustainable Development and Environmental Economics (MSc)

This degree offers additional training and research opportunities in the field of environmental economics for students interested in making a change to society, environment and economy.

- Open to those with a range of backgrounds (e.g. economics, mathematics, geography or politics).
- Interdisciplinary teaching provides multiple perspectives.
- 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.
- The core Sustainable Development modules include a number of targeted field trips every year at no extra cost.

Human Geography/Sustainable Development (MRes)

This programme is available only to those students who have secured the offer of a PhD in Human Geography or Sustainable Development at St Andrews and who desire or require a year of research training before progressing to their PhD. Applicants must apply to the School of Geography & Sustainable Development to secure a PhD place in the first instance.

Those who have not secured a PhD research place may be interested in one of the Sustainable Development taught MSc programmes instead.



St Andrews Pier



“St Andrews is the perfect place for developing yourself in a unique location. The programme has an interdisciplinary approach and the staff are able to interact with you outside the classroom giving you the opportunity to build relationships with the whole community.”

Juan Pablo (Bogotá, Colombia)

Applying to St Andrews



St Salvator's Quadrangle

Applying for your postgraduate programme at St Andrews is a simple **online application**. You can find out more about all our programmes and how to apply on our website.

In order for your application to be assessed, you will need to submit supporting documents and references. You should check the specific requirements for your programme on our website before you apply.

Supporting documents and references

An application to St Andrews is not considered complete until copies of the following documents have been submitted:

- A copy of your CV/résumé.
- Evidence of your qualification(s) (e.g. your degree certificate and transcript).
- Two academic references. References are requested by email directly to your referees when you submit your application form. Applicants remain responsible for ensuring that references are sent to us.
- A sample of written academic work, where applicable. You should check whether written work is required for your intended programme, as well as word limits.
- A Personal Statement is required for specified taught programmes.
- For most research programmes, a research proposal will be required.

Further information can be found online:
www.st-andrews.ac.uk/study/pg/apply

English language requirements

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. Typically, our minimum entry requirement is IELTS 7.0 with a minimum subscore of 6.5 in Writing for subjects in the Faculty of Arts and 6.5 with a minimum subscore of 6.0 in Writing for subjects in the Faculty of Science. However, some Schools specify their requirements by programme and these, together with information about the English language tests we will accept, are listed at:

www.st-andrews.ac.uk/elt/entry/postgraduate

Admissions Policy

The University manages applications within the framework of our Admissions policy, this can be found online.

www.st-andrews.ac.uk/study/policy

Research programmes

When to apply

There are no fixed closing dates for most research programme applications, although there are deadlines associated with scholarship or funding opportunities. All applications for programmes in the Schools of Divinity and International Relations have a deadline of 15 January.

Finding a supervisor

All prospective PhD, MSc(Res) or MSt(Res) students will work with an individual supervisor or supervisory team within a School or Institute. It is therefore important that you look at staff research interests within the University and ensure that your project matches an existing area of research.

If you are unable to identify a possible supervisor, please contact the School directly, who will be happy to advise you of the most appropriate academic for your chosen research area.

Applicants for the MFA, MRes or MPhil programmes are not required to contact a possible supervisor before making an application.
www.st-andrews.ac.uk/subjects

Apply online

All applications for research programmes are made through the University website. Information on our entry requirements, required supporting documentation and research

proposals (PhD, DLang, MPhil, MSc(Res) or MSt(Res) applicants only) can be found online:
www.st-andrews.ac.uk/study/apply/postgraduate/research

Decisions on applications

Decision times on applications will vary depending on the programme and subject you are applying for.

The outcome of your application will be communicated to you by email. There are three decision types: Unconditional – all academic conditions for entry have been met; Conditional – you have not yet satisfied all the academic conditions for entry, the condition(s) you are still to meet will be detailed in your offer; Unsuccessful – we are unable to offer you a place.

Next steps

After you have applied and been successfully offered a place you should consider:

- Accepting your offer
- Accommodation (page 16)
- Finance options (page 120)
- Pre-sessional programmes (page 10)
- Visas and moving to the UK (online)

Questions?

Before you apply: admissions@st-andrews.ac.uk
After you apply: pgr.application@st-andrews.ac.uk

Taught programmes

Find your programme

Before making your application you should look at all the taught programmes offered by the University.

Full details on all the programmes on offer and the content of each programme can be found on pages 28-115 and online.
www.st-andrews.ac.uk/subjects

Apply online

Applications for our taught programmes open early in the autumn for the next academic year. Deadlines for applications vary by programme, please check the deadlines carefully.

Your application will not be assessed until it is complete. This includes the submission of the required supporting documents and references.

You can apply for a taught programme whilst still completing your current studies.

Decisions on applications

Most applications will be assessed and a decision made within four to six weeks of completion. For programmes where applications are read after the closing date, decisions may take longer.

The outcome of your application will be communicated to you by email. There are three decision types: Unconditional – all academic conditions for entry have been met; Conditional – you have not yet satisfied all the academic conditions for entry, the condition(s) you are still to meet will be detailed in your offer; Unsuccessful – we are unable to offer you a place.

Next steps

After you have applied and been successfully offered a place you should consider:

- Accepting your offer
- Accommodation (page 16)
- Finance options (page 120)
- Pre-sessional programmes (page 10)
- Pre-payments (online)
- Visas and moving to the UK (online)

Questions?

Before you apply: admissions@st-andrews.ac.uk
After you apply: pgt.application@st-andrews.ac.uk



Fees, funding and scholarships

Fees, funding opportunities and scholarships **vary each year**. The latest information is always available **online**.

Tuition fees vary depending on the programme you are studying and the fee status the University assesses you to be. Research programme fees and other information about all postgraduate fees can be found online. www.st-andrews.ac.uk/study/fees-and-funding/postgraduate

Financing your studies

There are a number of opportunities for financing your studies. These are normally dependent on the type of programme you are applying for and where you are from. Financial assistance usually comes from research councils, government agencies, trusts and scholarships. More information about how St Andrews can help support you and potential financing opportunities can be found online.

Many governments offer financial assistance for those applying to taught postgraduate programmes. In the UK, postgraduate loans are available through the national student funding bodies in Scotland, England, Wales and Northern Ireland. More information can be found online. www.st-andrews.ac.uk/study/fees-and-funding/postgraduate/financial-assistance

Scholarships

St Andrews is committed to attracting the very best students to the University, regardless of financial circumstances. The range of bursaries and scholarships available to both taught and research postgraduate students aim to provide assistance in helping students support themselves during their studies.

Our **recent graduate discount** rewards the loyalty of St Andrews students by giving all those who have graduated from the University in the last three years, and those who successfully completed a study abroad or exchange programme, a **10% reduction on postgraduate tuition fees**.

The Accommodation Award is aimed at reducing the cost of University or private accommodation. Open to all new postgraduate students, this award is based on financial need. More information and the 2019 award value can be found online.

Support available for research postgraduates is aimed at actively investing in the next generation of world-leading researchers. This ranges from individual grants, or a contribution towards the cost of tuition fees, to full tuition fee support with a maintenance stipend to cover your living costs.

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

Contact

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

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





Taught programmes 2019 entry

Programme Name	School/Department	Page
Adults with Learning Disabilities who have Significant and Complex Needs (MSc/PGDip) (also available per module) Distance Learning	Psychology & Neuroscience	106
Advanced Computer Science (also with English Language) (MSc/PGDip)	Computer Science	48
Advanced Systems Dependability – Erasmus Mundus Joint Masters (MSc)	Computer Science	48
Analytic and Exegetical Theology (MLitt/PGDip)	Divinity	52
Anthropology, Art and Perception (MRes)	Social Anthropology	110
Applied Statistics and Datamining (MSc/PGDip)	Mathematics & Statistics	86
Art History (MLitt)	Art History	34
Artificial Intelligence (also with English Language) (MSc/PGDip)	Computer Science	48
Astrophysics (MSc)	Physics & Astronomy	102
Banking and Finance (MSc)	Management	82
Bible and the Contemporary World (MLitt/PGDip) (also available by Distance Learning part time)	Divinity	52
Biblical Languages and Literature (MLitt/PGDip)	Divinity	52
Catalysis (MSc)	Chemistry	42
Chemical Science (MSc)	Chemistry	42
Classics (MLitt/PGDip)	Classics	44
Computer Communication Systems (also with English Language) (MSc/PGDip)	Computer Science	48
Computing and Information Technology (also with English Language) (MSc/PGDip)	Computer Science	49
Conservation Studies (MSc)	Interdisciplinary	30
Contemporary Studies (MLitt)	Interdisciplinary	30
Creative Writing (MLitt/MFA/PGDip)	English	64
Crossways in Cultural Narratives (International) (MLitt)	Modern Languages	95
Data-Intensive Analysis (MSc/PGDip)	Computer Science	49
Early Modern History (MLitt)	History	72
Economic and Social History (MSc)	History	72
Economics (MSc/PGDip)	Economics & Finance	60
English Language Teaching (MLitt)	English Language Teaching	66
Environmental History (MLitt)	History	72
Epistemology, Mind and Language (MLitt)	Philosophy	98

Programme Name	School/Department	Page
Evolutionary and Comparative Psychology: The Origins of Mind (MSc)	Psychology & Neuroscience	106
Film Studies (MLitt/PGDip)	Film Studies	68
Finance (MSc/PGDip)	Economics & Finance	60
Finance and Economics (MSc/PGDip)	Economics & Finance	60
Finance and Management (MSc)	Management	82
Geochemistry (MSc)	Earth & Environmental Sciences	56
German and Comparative Literature (MLitt)	Modern Languages	95
Global Health Implementation (MSc)	Interdisciplinary	30
Health Psychology (MSc)	Medicine	90
History of Philosophy (MLitt)	Philosophy	98
History of Photography (MLitt)	Art History	34
Human Computer Interaction (also with English Language) (MSc/PGDip)	Computer Science	49
Human Geography/Sustainable Development (MRes)	Geography & Sustainable Development	114
Human Resource Management (MLitt)	Management	82
Information Technology (also with English Language) (MSc)	Computer Science	49
Information Technology with Management (MSc/PGDip)	Interdisciplinary	30
Intellectual History (MLitt)	Interdisciplinary	31
International Business (MLitt)	Management	83
International Business and Strategy (joint programme with Moscow State University) (MLitt)	Management	83
International Development Practice (MSc)	Interdisciplinary	31
International Political Theory (MLitt/PGDip)	International Relations	78
International Relations (DProf)	International Relations	78
International Relations (MRes)	International Relations	78
International Security Studies (MLitt/PGDip)	International Relations	78
Iranian Studies (MLitt)	History	72
Legal and Constitutional Studies (MLitt/PGDip)	History	73
Logic and Metaphysics (MLitt)	Philosophy	98
Management (MLitt)	Management	82
Marine Ecosystem Management (MSc)	Biology	38
Marine Mammal Science (MSc)	Biology	38
Marketing (MLitt)	Management	83
Mathematics (MSc)	Mathematics & Statistics	86
Mediaeval History (MLitt)	History	73
Mediaeval Studies (MLitt)	Interdisciplinary	31
Middle East, Caucasus and Central Asian Security Studies (MLitt/PGDip)	International Relations	78
Middle Eastern History (MLitt)	History	73
Mineral Resources (MSc)	Earth & Environmental Sciences	56

Programme Name	School/Department	Page
Modern and Contemporary Literature and Culture (MLitt/PGDip)	English	64
Modern History (MLitt)	History	73
Modern Languages (MLitt)	Modern Languages	94
Money, Banking and Finance (MSc/PGDip)	Economics & Finance	60
Moral, Political and Legal Philosophy (MLitt)	Philosophy	98
Museum and Gallery Studies (also available part time) (MLitt/PGDip)	Art History	34
Neuroscience (MRes)	Psychology & Neuroscience	106
Peace and Conflict Studies (MLitt/PGDip)	International Relations	79
Philosophy (MLitt/GradDip – Conversion)	Philosophy	98
Photonics and Optoelectronic Devices (MSc)	Physics & Astronomy	102
Postcolonial and World Literatures (MLitt/PGDip)	English	64
Psychology (Conversion) (MSc)	Psychology & Neuroscience	106
Psychology of Dementia Care (PGCert) Distance Learning	Psychology & Neuroscience	107
Reformation Studies (MLitt)	History	74
Research Methods in Psychology (MSc)	Psychology & Neuroscience	107
Romantic/Victorian Studies (MLitt/PGDip)	English	64
Scottish Graduate Entry Medicine (MB ChB)	Medicine	90
Scottish Historical Studies (MLitt)	History	74
Shakespeare and Renaissance Literary Culture (MLitt/PGDip)	English	65
Social Anthropology (MRes)	Social Anthropology	110
Social Anthropology and Amerindian Studies (MRes)	Social Anthropology	110
Social Anthropology with Pacific Studies (MRes)	Social Anthropology	110
Software Engineering (also with English Language) (MSc/PGDip)	Computer Science	49
Statistics (MSc)	Mathematics & Statistics	86
Strategic Studies (MLitt/PGDip)	Interdisciplinary	31
Sustainable Aquaculture (MSc/PGDip)	Biology	38
Sustainable Aquaculture (Invertebrates) or (Vertebrates) (PGCert) (also available per module part time and by Distance Learning)	Biology	38
Sustainable Development (MSc/PGDip/PGCert)	Geography & Sustainable Development	114
Sustainable Development and Energy (MSc)	Geography & Sustainable Development	114
Sustainable Development and Environmental Economics (MSc)	Geography & Sustainable Development	114
Systematic and Historical Theology (MLitt/PGDip)	Divinity	52
Terrorism and Political Violence (MLitt/PGDip) (residential – full time)	International Relations	79
Terrorism and Political Violence (MLitt/PGDip) Distance Learning – part time	International Relations	79
The Book. History and Techniques of Analysis (MLitt)	History	74
Theology and the Arts (MLitt/PGDip)	Divinity	53
Transnational, Global and Spatial History (MLitt)	History	74

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Acknowledgements

Produced by: Admissions and Print & Design,
University of St Andrews, August 2018.

Printed by: J Thomson Colour Printers, Glasgow, on fully recyclable and biodegradable uncoated FSC carbon balanced paper.

The editorial and design team thank all contributors, including the photographers and the students and alumni who provided the quotes used throughout this prospectus.

Photographs by: Spencer Bentley, Jan Bölsche, broad daylight, Craig Doyle, Sophie Gerrard, Ian Gordon, Harry Gunning, Guthrie Aerial Photography, Sonja Heinrich, Brian Hunter, Callum Hyland, Samantha Ku, Andrew Lee, Tanya Lomovceva, Kevin Mochtar, Clare Peddie, Chris Reekie, Rhona Rutherford, Alexander Scholz, Robert Steele, Oli Walker/Tilted Frame Photography (including student photographs), Laurence Winram.

This Prospectus is available in Large Print, Braille, or Audio, on request to
Print & Design: +44 (0)1334 463020, email: publications@st-andrews.ac.uk

The University of St Andrews is a charity registered in Scotland, No: SC013532.

St Andrews

To Leuchars,
Dundee and
Edinburgh

Sports
Centre

David Russell
Apartments
and Fife Park

West
Sands

North Haugh

Students'
Association

Careers Centre

Chaplaincy

Bus
Station

Angus House &
Stanley Smith
House

Admissions

Library

The
ASC

St Salvator's
Quad

Younger
Hall

Castle

St Gregory's

Gregory Place

Cathedral

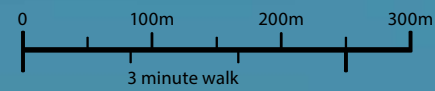
Deans
Court

Pier

East
Sands

Scottish
Oceans
Institute

Approximate distances



Academic buildings

- ① Art History
- ② Biology
- ③ Chemistry
- ④ Classics
- ⑤ Computer Science
- ⑥ Divinity
- ⑦ Earth & Environmental Sciences
- ⑧ Economics & Finance
- ⑨ English
- ⑩ Film Studies
- ⑪ Geography & Sustainable Development
- ⑫ History
- ⑬ International Relations
- ⑭ Modern Languages
- ⑮ Management
- ⑯ Mathematics & Statistics
- ⑰ Medicine
- ⑱ Philosophy
- ⑲ Physics & Astronomy
- ⑳ Psychology & Neuroscience
- ㉑ Social Anthropology



University of
St Andrews

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