Postgraduate Prospectus
Taught Programmes
2018 Entry
Visiting Days
Wednesday 15 November 2017
Wednesday 14 March 2018

Attending one of our Postgraduate Visiting Days gives you the chance to both find out more about your subject of interest and what life is like in St Andrews for postgraduate students. You will get the opportunity to meet staff and current students as well as finding out about accommodation, the admissions process, career prospects, finance and scholarships.

For more information, and to book your place on a Visiting Day, please visit: www.st-andrews.ac.uk/visiting

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

admissions@st-andrews.ac.uk | +44 (0)1334 462150
Facebook: @uniofst | Twitter: @uniofstandrews | Instagram: @uniofstandrews

Meet us in your country
If you cannot visit St Andrews, meet the Admissions team near you: www.st-andrews.ac.uk/study/meet-us

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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 the possibility of joining our university as a Masters student.

This prospectus will be really useful to you. It both maps out the range of courses and options available to you and gives you a student’s perspective on what it is like to live and study here.

You will see that St Andrews is a brilliant place to be a student. We have an outstanding record for teaching, research, and the student experience.

If you come to St Andrews you will be joining a cohort of over 1,600 postgraduate students, half of whom are postgraduate taught students, studying in one of our four Faculties of Arts, Divinity, Medicine, and Science.

The University of St Andrews combines the modern and the medieval, 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 hope you will want to join us.

Professor Sally Mapstone
Principal and Vice-Chancellor

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

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

Professor Lorna Milne
Vice-Principal (Proctor)
Why St Andrews?

St Andrews combines the very best of history and tradition with cutting edge research, award-winning teaching and some of the finest minds. This all comes together in a stunning location, offering you not only skills to boost your future aspirations, but also experiences that will last a lifetime.

International outlook
Currently there are more than 140 nationalities represented at the University.

Outstanding education
We are one of Europe’s most research intensive universities. Our teaching and student satisfaction are ranked at the top of both Scottish and UK-wide league tables.

Sense of community
Our size offers you a close-knit community of postgraduate students.

Enhance your prospects
Develop skills and experience that will help you stand out wherever you choose to go next.

Lots more information on what you can expect from studying in St Andrews can be found online at: www.st-andrews.ac.uk/study/why

The Graduate School

In 2018 the University of St Andrews is launching an exciting new initiative: a Graduate School dedicated to providing a range of interdisciplinary taught Masters programmes. These will offer a blend of elements from the Sciences, Arts and Social Sciences, with each programme having a practical component that will better equip graduates for entering the job market.

The programmes will be delivered by academics from Art History, Biology, Classics, Earth & Environmental Sciences, Economics & Finance, English, Film Studies, Geography & Sustainable Development, History, International Relations, Languages and Comparative Literature, Management, Mathematics & Statistics, Medicine, Modern Languages, Music Centre, Philosophy, Social Anthropology.

The new School offers a unique opportunity for students to work across subject boundaries, gaining exposure to a diverse range of materials in a number of different disciplines, while also engaging in practical work. At the end of their programmes, Graduate School students will emerge with a greatly expanded knowledge base, but also with a set of tangible skills that will be of great benefit to them as they seek employment. Over the course of the academic year, students from all programmes will also come together as a group for a series of common skills sessions and for social and academic events.

Three new interdisciplinary programmes are currently on offer, with a number of others also being developed. The inaugural programmes include:

- MSc in Conservation Studies (largely concerned with environmental conservation, with an opportunity to focus specifically on marine conservation). See page 117.
- MLitt in Contemporary Studies (which considers how ‘the contemporary’ is conceived across a variety of different disciplines). See page 117.
- MSc in International Development Practice (concerned with international development work, with an emphasis on economic and policy aspects of such work). See page 119.

Students from all programmes will undertake practical work (including, in some cases, placements with outside bodies) relevant to their particular studies.

Anyone wishing to make informal enquiries about the Graduate School and its programmes are welcome to contact the Director at: dirgs@st-andrews.ac.uk
Applying for a postgraduate programme can be a complex process. We have tried to keep applying to St Andrews as straightforward as possible. It is split into two main topics: the application process and funding your studies.

You will find all the information you need to apply to St Andrews online at: www.st-andrews.ac.uk/study/pg/apply

Our taught programmes

Masters degrees allow you to specialise in an academic area of particular interest. Our taught programmes are also all designed to help you develop a range of academic and transferable skills that will help you enhance your career prospects or prepare you for further study.

MLitt and MSc

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

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

The Master of Letters degree is equivalent to a Master of Arts from many other institutions. This award is traditionally offered by the four Scottish ancient universities as an MA at undergraduate level.

Dissertation and/or project
The dissertation or project is a major element of the MLitt, MSc and MPhil programmes and is normally completed in the summer months. Each student is supervised on dissertation work, but a high level of independence is expected of you in completing this work.

MRes

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

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

Dissertation and/or project
The dissertation or project is a major element of the MLitt, MSc and MRes programmes and is normally completed in the summer months. Each student is supervised on dissertation work, but a high level of independence is expected of you in completing this work.

MPhil

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

How will I be expected to study?
This is primarily a research degree. The first year is predominantly coursework followed by the writing of your thesis. An MPhil thesis should incorporate primary research, demonstrate a full understanding of the area of study, and make an original contribution to knowledge.

MFA

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

How will I be taught?
The first year consists of modules taught through technical seminars, workshops and individual tuition. In the second year, students will produce a substantial body of work under the supervision of world-class academics.

Postgraduate Diploma

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

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

Postgraduate Certificate

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

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

Part time and distance learning

Our taught programmes are all full time with teaching taking place in St Andrews. Part-time study may be possible in some programmes but is at the discretion of the relevant academic School. This is also only available to UK and other EEA students, due to UKVI regulations. There are a number of programmes available through distance learning.

King James Library
Applying

When?

Some of our programmes have applications deadlines, whilst others will close when there are no more places on them. We encourage you to apply early. Details of all deadlines can be found online at: www.st-andrews.ac.uk/study/pg/apply/taught

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

How?

Masters programme applications (MLitt, MSc, MRes) are made online. All supporting documents should be submitted with the application.

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

Entrance requirements

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

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

The qualifications listed are our minimum requirements for entry. Some academic Schools will ask applicants to achieve significantly higher grades than the minimum listed. Some programmes require students to have studied a specific subject. Further information can be found in the programme specific pages 52-120.

English language requirements for postgraduate study

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, but some Schools specify their requirements by programme and these, together with information about the English language tests we will accept, are listed at: https://www.st-andrews.ac.uk/elt/entry/postgraduate

You can also satisfy our English language requirements by attending one of our pre-sessionals courses, which run during the summer months, immediately before the start of the academic year.

We may also ask you to complete our own language assessment and in some cases we will interview you. Students who provide evidence of having completed a Bachelor’s degree in a majority English-speaking country will also be able to satisfy our English language requirement. Students who have graduated from a university where the language of instruction is English, may be able to satisfy our English language requirement with the appropriate evidence. More information is available online at: www.st-andrews.ac.uk/elt/entry/postgraduate

Pre-sessionals courses

The language and culture of academic study in the UK is different from many other countries so we recommend attendance on a pre-sessional course. For details, see: www.st-andrews.ac.uk/elt/presessional

If we ask you to attend a pre-sessional course as part of your conditions of entry, and you require a visa to study in the UK, you must take the IELTS for UKVI test to satisfy the English language requirement.

Required documents for Masters programmes

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

• A copy of your CV/résumé.
• Evidence of your qualification(s) (e.g. your degree certificate and transcript).
• Two academic references. References are normally 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.
• Evidence of English language proficiency (required if English is not your first language).
• A Personal Statement is required for specified programmes, and optional for all other programmes.

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

Please also check the relevant programme pages:

www.st-andrews.ac.uk/study/pg/taught-programmes

After you apply

What are the possible decisions on an application?

Decisions on applications are made by academic staff. The decision will be one of the following:

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

The offer of a place does not carry with it any guarantee of financial support for that programme. See page 12.

Applicant portal

Our applicant portal allows you to track the progress of your application, once it is submitted. This is also where you will be able to accept your offer or where you can upload additional documentation if required.

How to accept an offer

Accepting your offer is a simple process. Details of how to accept an offer through our applicant portal will be emailed to you when your offer is made. There is usually a time limit on any offer we give you, please check this carefully and accept your offer before this time.

You will also be required to make a pre-payment; this will be deducted from your tuition fees.

Applications for deferred entry will be considered on an individual basis and only a very small number of deferred offers are made each year. Your tuition fee will be set according to your start date, not your application year.

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

Visiting Scholars at St Andrews

We welcome postgraduate students who seek entry for either a semester or year abroad in St Andrews. You should contact the appropriate academic School or Department in the first instance to discuss these opportunities.

Admissions policy

The University manages applications within the framework of its Admissions and Equal Opportunities Policy.

Application forms and guidance notes:

www.st-andrews.ac.uk/study/pg/apply/taught

Curriculum development

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

Contact us

Before you apply: admissions@st-andrews.ac.uk
Once you have applied: pgt.application@st-andrews.ac.uk
Postgraduate Loan – Scotland

From 2017-2018 eligible Scottish domiciled postgraduate students will be able to apply to the Student Awards Agency for Scotland (SAAS) for a loan up to £10,000 – comprising £5,500 for tuition fees and £4,500 for living costs – for any taught postgraduate course at St Andrews up to full Masters level. EU students will continue to be eligible to apply for the tuition fee loan for the academic year 2018-2019. The SAAS website gives further advice: www.saas.gov.uk/full_time/pg

Pre-payment to secure your offer

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

Living and other costs

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

Postgraduate Loan – EU Erasmus + Master Loans

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

For further information on Erasmus+ funding, see page 16.

Postgraduate Loan (PGL) – England, Northern Ireland and Wales

The Postgraduate Loan (PGL) is a contribution towards the costs of study and may be used towards fees, maintenance or other costs. PGL will be non-means tested, and paid directly into a UK bank account. For Northern Irish students, payments will be made direct to the University in three instalments per academic year.

In 2017-2018, loans of up to £10,280 will be available to English and Welsh students undertaking postgraduate Masters study in the UK. For Northern Irish students the tuition fee loan will be up to £5,500.

For further information, please see online:

England: www.gov.uk/student-finance
Northern Ireland: www.studentfinance NI.co.uk
Wales: www.studentfinancenwales.co.uk/postgraduate-students

Recent Graduate Discount

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

Scholarships

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

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

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

Academic Schools and Units

Examples include:

• School of History MLitt Scholarships
• School of Management International Scholarships Scheme
• School of Modern Languages Awards
• Choral and Organ Scholarships
• Music Scholarships
• Sport and Exercise Scholarships

Funded or co-funded by the University of St Andrews Examples include:

• Chevening Scholarships
• Civil Society Leadership Awards
• Commonwealth Shared Scholarship Scheme
• The R&A Ransome Scholarships
• Scotland’s Saltire Scholarships

External scholarships and awards

Examples include:

• Anglo-Danish Society Scholarships
• Belalashik Scholarships
• Clan Donald Scholarship
• Fulbright Commission
• James E. Crockett Educational and Charitable Trust Scholarships
• Marshall Scholarships

Contact us

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

Scholarships

T: +44 (0)1334 462254
E: pgscholarships@st-andrews.ac.uk

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

Twitter: @StAFunding

Accommodation Award

Currently (2017-2018) the University of St Andrews operates an Accommodation Award scheme, which offers a number of awards of £3,000 to postgraduate taught students: www.st-andrews.ac.uk/study/pg/fees-and-funding/scholarships/entranceaccommodationpg

Trusts and charities

Student Services hold limited information on outside trusts for registered or prospective students: www.st-andrews.ac.uk/students/money/financial-assistance/scholarships/entranceoutsidetrusts

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

Disabled Students’ Allowance (DSA)

UK students may be able to apply for support towards the costs of specific equipment and specialist study support. See: www.st-andrews.ac.uk/students/advice/disabilities/disabledstudentallowancedesa

Professional and Career Development Loans for British residents

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

T: 0800 585 505

With the support of the R&A Ransome Scholarship, I have been able to stay in St Andrews to pursue a Masters degree in Global Health Implementation. This degree and the experiences I have had throughout the course have paved a new future for me. My career prospects are brighter and my horizons broader, thanks to the Ransome Trust and its benefactor."”

Imogen (Bainbridge Island, WA, USA)
Life in St Andrews

St Andrews is a unique place to study and live. You will find a welcoming community, a thriving contemporary culture and historic landscape, where you can walk down cobbled streets to classes, enjoy walking (or running!) along sandy beaches, take part in centuries old traditions and make connections that will last a lifetime. In this section you will also find information about our pre-sessional courses; these are for those who wish to improve their understanding of language before starting their programme and those whose first language is not English.

Student life

In St Andrews you will find more than you would ever expect for a town of our size. The Students’ Association – more commonly known as ‘The Union’ – is home to over 150 different clubs and societies. Saints Sport has more than 50 sports at various levels, and the year is packed full of events. Put simply, there is never a dull moment in St Andrews.

As a postgraduate student you are part of a community and can take part in many opportunities open to all students, as well as additional academic and social activities designed specifically for postgraduate students.

The town

St Andrews is a fantastic combination of cosmopolitan community, history, culture and stunning landscapes. Measuring barely three miles end-to-end, the town and University are one and the same. Both have been here for centuries and you will find town and University buildings sitting alongside each other; walk down the street and you are as likely to see a lecture theatre or library as you are a coffee shop.

We encourage all postgraduate applicants to visit St Andrews and experience the University and town for yourself. There are two Postgraduate Visiting Days each year, in November and February, or if you cannot attend one of these dates we can arrange a visit on a day that suits you. You can find more information and book online at: www.st-andrews.ac.uk/visiting

Academic talks and lectures

In addition to your Masters programme there is a wide range of lectures, talks and seminars featuring academics from across the University as well as visiting speakers. These are organised by student societies and academic Schools or Departments with topics varying from highly specific content to broader subject areas.

Traditions

As you might expect from a university over 600 years old, we have a large number of traditions. These include the wearing of student gowns, although now only worn on formal occasions (black for postgraduate students, red for undergraduates), taking part in a foam fight, diving into the sea at dawn on 1 May, or jumping over the PH initials at the last second on the way to class to avoid its curse.

Golf

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

Location

Our location is also truly special. Situated on the east Fife coast, we have beautiful, unspoilt beaches and clear, fresh air. You can sit and watch the world go by, ponder the discussion from a seminar, walk on the beach, or simply clear your head after a long day of studying. Wherever you go you will find views you will remember for the rest of your life.

Whilst having all the space and beauty it is important to know that St Andrews is far from remote, isolated or cut off. You will find great transport links – road, rail and air – that mean you can easily visit other parts of the UK, Europe and further afield with ease.

Dundee, our nearest city, is 20 minutes away and is being transformed through its waterfront regeneration, including the V&A Museum of Design (the V&A’s first museum outside of London) due to open in 2018. With a thriving nightlife and plenty of shopping, Dundee is a perfect neighbour for St Andrews. The picturesque towns and villages scattered along the Fife coast each have their own history, character and reasons to visit. Almost all of them are accessible from St Andrews by bus.

With its history, architecture and flourishing cultural scene, Edinburgh is great for day trips and weekends away. Only an hour away by train, it is very easy to get to. Edinburgh also has our nearest international airport, rapidly growing with flights and connections all over the world; it is useful if you live further away and are looking to visit continental Europe. The rest of Scotland is also accessible, with Glasgow and the Highlands and islands within easy reach. Many of our clubs and societies run trips that will allow you to explore the country’s landscapes, lochs and mountains.

Study Abroad

A number of Schools offer Study Abroad opportunities for postgraduate students. Study Abroad for credit is permitted on existing University-approved programmes only. All of our programmes are carefully selected and monitored. The University has good relations with our partners overseas and works closely with them to ensure students enjoy a successful period abroad and a smooth return to St Andrews thereafter. Please refer to our webpages for further information about the Study Abroad options for your programme: www.st-andrews.ac.uk/studyabroad/outgoingstudents

Erasmus+

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

The University has an Erasmus+ Charter and participates actively in the programme. We have secured funding for Erasmus+ activities for 2017-2018 and will apply for funding for Erasmus+ activities in 2018-2019. We value our European and international partnerships, and the opportunities they provide for student and staff mobility, and the exchange of knowledge, ideas and perspectives.

At the time of publication, the UK Government has undertaken to underwrite grant agreements for Erasmus+ signed while the UK is still a Member State of the European Union, meaning that the University is able to prepare for participation in Erasmus+ as usual when the 2018 application deadlines are announced later this year. Information and updates will be posted on the University’s Study Abroad webpages, and also at: www.erasmuspplus.org.uk

Evening language classes

You can learn a new language, or develop existing language skills, by taking extracurricular evening language classes. These courses offer a range of languages from beginner to advanced levels. They are not part of any degree programme and have a fee attached, but are an excellent way of improving your language skills. Further information can be found online at: www.st-andrews.ac.uk/study/non-degree/evening-languages

Our postgraduate community

By choosing to study at St Andrews you will become a member of our close-knit postgraduate community. It has grown over the last few years and the University is working closely with students, societies and staff to ensure the postgraduate experience continues to improve.

St Leonard’s College and the Postgraduate Society provide a focal point for the community of postgraduate students. They work closely together to enrich the postgraduate experience, which allows you to make the most of your time in St Andrews.

St Leonard’s College looks after the academic and operational aspects of postgraduate study. It ensures the delivery of support and services for postgraduates as well as opportunities for you to gain skills which can enhance your employability after you graduate. See also Your Future, pages 26–27.

The Postgraduate Society within the Students’ Association is for all postgraduate students, who are automatically members of the Society. Throughout the year, the Society organises a whole range of events specifically for our postgraduate students. These can range from lectures and dinners to pub quizzes, ceilidhs and trips out of St Andrews to see other parts of Scotland.

Ariana Brighenti
Postgraduate President 2016–2017
E: pgpres@st-andrews.ac.uk

In addition to its historic charm, architectural splendour, academic pedigree, several gorgeous beaches, and golf courses, St Andrews has become a home away from home for many postgraduates, myself included. The University provides support for postgraduates to get together to achieve their academic and professional goals, while enabling the freedom to explore unknown terrain, whether academic, personal development, or the Scottish Highlands.

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

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

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

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

**Supporting the living experience**
Your life in halls of residence is supported by a Postgraduate Adviser who can be contacted during normal office hours through the Advice and Support Centre (the ASC). See page 24. 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 contact details will be available at your hall of residence, usually in the form of a notice outside the Residence Service Manager’s office. You are advised to check this on arrival as each residence may be different.

**Houses and Flats**
The University of St Andrews has a limited amount of accommodation for couples or for students with families. Student Accommodation Services manages a range of studio apartments, flats and houses primarily designed for mature students, couples, or those with families. For more details, please visit: www.st-andrews.ac.uk/accommodation/pg/prospective/couples

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

Please note that rents in private sector accommodation vary. Up-to-date statistics can be found at: www.standrewsstudentpad.co.uk/statistics/Area

To view all of our managed properties, please go to: www.st-andrews.ac.uk/accommodation/pg/managed

**How and when to apply**
You are able to apply for accommodation at our halls of residence from Admissions that your offer has become unconditional and all pre-payment deposits to confirm your place at the University have been received. It is therefore important that you apply for accommodation as soon as you have a conditional offer.

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

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

**Further information**
Student Accommodation Services
Butts Wynd, North Street
St Andrews
Fife KY16 8YL

Opening hours: Monday - Friday 9.30am - 4.30pm
T: +44 (0)1334 462510
E: accommodation@st-andrews.ac.uk
Facebook: @StudentAccStAndrews
Twitter: @StudentAccStv

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

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

We understand that disability is not always visible and related to physical impairments. Student Services and Wardennial teams can also provide additional support. We have a number of adapted rooms and encourage you to visit us and have the chance to see the accommodation facilities and speak to Student Accommodation Services before accepting a place of residence.

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Life in St Andrews

"Living in a postgraduate residence has two huge advantages. Firstly, you’re surrounded by like-minded students, who are going through the same challenges of postgraduate study. It can also be refreshing to have a social group outside of the Department. Secondly, there are no hassles with bills or setting up the internet – your room has all the amenities you need. These reasons sound obvious but make all the difference to adapting to postgraduate life and making St Andrews feel like home."

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

As a postgraduate student, you will have access to a range of libraries, facilities and study spaces throughout the University, ensuring that you will find a study environment that suits you.

There are a number of libraries across the University which provide a range of different locations to choose from, including busy social spaces in modern buildings 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 town centre.
- is open for more than 100 hours a week during term time.
- holds over one million volumes, a large ebook collection, thousands of print and electronic journals, and academic databases.
- provides subject-specific support, help and training on finding information and using referencing software.
- has a fast inter-library loan service and reciprocal borrowing rights with local and national universities.

St Mary’s College Library for Divinity and Mediaeval History, including the historic King James Library (in St Mary’s Quadrangle).

Masters students have some access to the Richardson Research Library at Martyrs Kirk in the town centre.

If you require access to historical material 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 or ‘muniments’.

www.st-andrews.ac.uk/library
Twitter: @StAndrewsUnLib
Facebook: @StAndrewsUniversityLibrary

There are also study spaces in academic Schools and Departments – for example English and Divinity have dedicated 24-hour facilities for postgraduates.

Facilities

Each academic School has facilities 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 the relevant academic School will be happy to help you.

There are also a number of IT services 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, Wi-Fi provision throughout the University and secure printing and copying facilities.

Our IT Services department also provides you with the software you need such as the Microsoft Office 365 suite and specialist software applications through Apps Anywhere.

www.st-andrews.ac.uk/itsupport
Twitter: @StAITServices

King James Library
Group study space, Main University Library
Main University Library
School of English
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Sport

Sport is a big part of many students’ lives, and as a postgraduate student you can take part in every aspect of sport on offer. Under the banner of Saints Sport, the Department of Sport and Exercise and Athletic Union provide a welcoming environment and opportunities that ensure that every postgraduate student makes the most of their time at 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 are many ways that you can enjoy sporting activities at the University.

Excellence

The University continues to invest in making sport central to the student experience, providing the infrastructure and opportunities for everyone to participate and tailored support for those who seek to excel. A major £14m redevelopment of the sports centre is nearing completion, with the final phase, the construction of a four-court indoor tennis centre, due to be completed in October 2017.

Performance sport

The University recognises 12 sports as part of the Performance Programme, each benefiting from increased support and a dedicated sports specific Director or Head Coach. This support includes sport science interventions such as strength and conditioning and performance analysis, increased funding and greater access to training facilities and long-term development and performance strategies. Our coaching team come to St Andrews with a wealth of experience gained at the top of their field and understand the balance between academic and athletic achievement. Students joining the University from US institutions are able to continue playing competitive sport, even after four years of studies, having fun playing the sport you love or trying a sport for the very first time, there are many ways that you can enjoy sporting activities at the University.

Performance Programme

Students joining the University with coaching or officiating qualifications are encouraged to join our coaching team and get involved with our sport programme. For those wishing to gain qualifications, this can be facilitated through Scottish Student Sport (SSS) and various Scottish Governing Bodies (SGBs). Health and Fitness and Strength and Conditioning internships are also offered, with opportunities for students to join our team of qualified fitness instructors.

Saints Sport leagues

For those wanting the continuity of playing with a regular team but in a more informal environment, Saints Sport runs a variety of seasonal sports leagues throughout the year for students, staff and the local community, 6- and 11-a-side football, 8-a-side cricket, mixed 6-a-side hockey, indoor ultimate frisbee and tennis.

Health and fitness

The Saints Fitness programme offers a full range of services, 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 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 and improve your overall fitness.

Experience

Sports clubs form an integral part of University life at St Andrews, opening up a wealth of experiences and affording our students the opportunity to foster some of their closest friendships. With over 50 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 our clubs also offer recreational activities, giving students an amazing opportunity to regularly experience the beauty of the Scottish Highlands and travel further afield across the UK.

Sports clubs as of 2016-2017

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

* Performance Programmes

Coaching and officiating

Students joining the University with coaching or officiating qualifications are encouraged to join our coaching team and get involved with our sport programme. For those wishing to gain qualifications, this can be facilitated through Scottish Student Sport (SSS) and various Scottish Governing Bodies (SGBs). Health and Fitness and Strength and Conditioning internships are also offered, with opportunities for students to join our team of qualified fitness instructors.

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Engagement

The Saints Volunteering Academy provides excellent opportunities for students to volunteer locally and also further afield across Scotland and in Africa.

Local volunteering opportunities

Our student volunteer projects in the local community aim at getting people more active, whilst helping to facilitate the development of sport. Student coaches from our sports clubs run regular taster sessions in schools, coach at after school clubs and take sport specific training sessions for local clubs.

International volunteering opportunities

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

For more information on any part of the Saints Sport experience please visit: www.st-andrews.ac.uk/sport

Facebook/Twitter: @SaintsSport
Supporting you during your studies

Being a postgraduate student is likely to be one of the most challenging experiences of your life. It will undoubtedly also be one of the most rewarding, but it is important for you to know what support the University can offer. Throughout the academic and social environments St Andrews offers you as a postgraduate student, there is a network of support facilities to ensure that help is on hand when you need it.

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 Adviser has experience of teaching and supervising postgraduate students so is well aware of the pressures that you may be under. For academic transition, health, wellbeing and managing university life in general, they will be your first point of contact via the Advice and Support Centre (the ASC).

www.st-andrews.ac.uk/students/services

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

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

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

Pre-sessional courses
Before the beginning of the first semester, we provide English and Academic Skills courses specifically designed to help you develop and extend your ability to use English effectively in the context of your academic discipline. There is a strong focus on writing, and framing your arguments in a range of written forms, using sources appropriately. During the course, you will receive feedback on your writing and presentations and have an opportunity to begin to get to grips with idiomatic English and a variety of accents. There are workshops focusing on grammar and pronunciation, as well as guest lectures, career talks and library tours.

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

How long are the pre-sessional courses?
Four weeks or ten weeks.

Who are these courses for?

- Students with a conditional or unconditional offer from the University of St Andrews.
- Students who wish to develop their ability to use English effectively in the context of their academic discipline.
- Students who wish to enhance their essay and report writing, their handling of sources and their ability to make presentations.
- Students who want to improve their understanding of grammar, pronunciation, idiomatic English and a variety of accents.

In short, most students embarking on a Masters programme will find these courses provide a useful introduction to both the use of English and academic skills at postgraduate level.

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

English Language Pre-Masters
When does the programme start?
The Pre-Masters programme starts in January and ends in June.

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

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

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

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

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

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

Chaplaincy/Faiths
Regardless of your personal beliefs, the University’s chaplaincy facilities are open to you. The University Chaplain can be approached in confidence about any matter you may wish to discuss, whether related to faith or not. Buddhist, Christian, Humanist, Islamic, Jewish and Pagan members of the Chaplaincy team can be contacted through the Chaplaincy. The Chaplaincy supports student-led faith societies in providing opportunities for prayer, meditation, study and fellowship, as well as offering worship in the University chapels. Support is also offered specifically for international students by an honorary chaplain. Further information about the Chaplaincy can be found online at: www.st-andrews.ac.uk/chaplaincy

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

Primary and secondary education
If you wish to enrol your children in primary or secondary education, there are a number of schools in the area. The school(s) that your children will be eligible to attend depend on a number of factors, including where you are living.

International students with children between the ages of 5 and 18 may attend school (primary and secondary) free of charge provided they gain visa entry clearance to the UK as dependants of their parent(s). We recommend that you consult the Fife Council website as early as possible if you intend to relocate your family to St Andrews. Please see: www.fife-direct.org.uk/topics

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

Registering with a doctor and dentist
All students are encouraged to register with one of the local General Practitioners (GPs) when you first arrive at the University. Their clinics are located at St Andrews Community Hospital, where you can also receive treatment for minor injuries. Ninewells Hospital, a few miles away in Dundee, provides a wider range of medical services, including an accident and emergency service.

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

Should you need emergency dental treatment you are free to contact any local dentist for an urgent appointment. You can register and pay for private dental treatment if you so wish.

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

For UK postgraduate students, it is recommended that you remain registered with your home dentists since there are few places available for new applicants to NHS dentists.
Your future

Your time as a postgraduate student will be much shorter than undergraduate study you will have carried out previously, which is why it is important to be thinking about your future from day one. Whether you are planning on starting a career afterwards, going on to further study or are not entirely sure, 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 whatever your next step may be. Whilst the onus will be on you to make the most of these facilities, you can rest assured that the support and advice you need will be available to you here.

M-Skills

This 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 (our 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).

You can find out more about M-Skills online at: www.st-andrews.ac.uk/pgstudents/academic/advice/mskills

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 17 and sporting activities on page 22. 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.
• Guidance on work visas for the UK, USA and Asia.

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

The Careers Centre will always have its doors open to you for advice and resources to support your career and personal development. In addition, it organises career networking events around the world and works closely with Alumni Relations to offer our very own careers alumni network platform – Saint Connect – through which you can connect globally online with others who share your St Andrews experience.

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

2014-2015 Taught postgraduate destination statistics*

* Source: Higher Education Statistics Agency

<table>
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<th>Employment and further study</th>
<th>Further study only</th>
<th>Not available for employment</th>
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<td>9%</td>
<td>13%</td>
<td>4%</td>
<td>69%</td>
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</tbody>
</table>

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A postgraduate degree in Art History, History of Photography or Museum and Gallery Studies provides an excellent foundation for a career in the art or museum world.

The Museum and Gallery Studies course provides a theoretical foundation combined with hands-on, practical and transferable experience. Recent graduates have gone on to work for a range of institutions, from the Scottish Light House Museum to the National Museums of Scotland, the Victoria and Albert Museum to the Detroit Institute of Arts, the McManus Galleries in Dundee to Zhejiang University Museum of Art & Archaeology, and auctioneers Lyon and Turnbull, and Bonham’s, among many others. Two year-long traineeships within University Collections are open uniquely to Museum and Gallery Studies graduates, as is the four to five month David Nicholls Curatorial Internship at the South Georgia Museum in Antarctica.

Recent postgraduates in Art History and History of Photography are employed in universities and archives, museums and galleries, auction houses, radio stations, publishing houses and magazines and are also working in journalism, teaching, and retail.

Contact
E: pgarthist@st-andrews.ac.uk
T: +44 (0)1334 462414
www.st-andrews.ac.uk/arthistory/prospective/pg

Four programmes, delivered fully or in part by Art History, are listed in the following Themes:

- **Arts and Humanities** (4 programmes) pages 53-70
- **Interdisciplinary** (2 programmes) pages 117, 120

Some programmes appear in more than one Theme.
Biology

**Features**

- In 2016-2017 there are 65 MSc students.
- World-class research programmes complement our teaching. Relevant staff specialisations include marine biology, marine mammal biology, bioacoustics, behavioural biology, ecology, evolutionary biology, population biology, molecular biology, conservation, policy and management.
- The School was ranked second in the UK for its research impact in the 2014 Research Excellence Framework.

The School of Biology at St Andrews is one of the largest in the UK, with 58 academic and related staff and 85 postdoctoral researchers.

**Recent School of Biology news**

Up-to-date news items and news archives of the School can be found on our webpage: http://biology.st-andrews.ac.uk

**Postgraduate community**

The School of Biology has a diverse and vibrant postgraduate community. The St Andrews BioNetwork, founded in 2009 by Biology postgraduates, provides a great social and academic forum bringing together Masters and PhD students at different stages of their training. sabanetwork.wordpress.com

In addition, students at the different Biology locations within the University form integral parts of their departmental community with frequent academic exchanges during morning coffee, lab chats and departmental seminar series.

**The taught programmes**

The School of Biology offers a range of first-class postgraduate taught programmes based around the recognised research excellence of its research centres, such as the Scottish Oceans Institute (SOI) and the NERC Sea Mammal Research Unit (SMRU) and the Centre for Research into Ecological and Environmental Modelling (CREEM).

The MSc programmes provide the knowledge and skills to obtain and interpret multidisciplinary datasets and foster an integrated holistic approach to conservation, management and the sustainable use of marine resources. You will enhance your postgraduate and professional skills, providing a strong basis for careers in government agencies, the commercial sectors or academia.

**Teaching**

Teaching takes the form of lectures, tutorials, seminars, debates or workshops. Practicals involve laboratory work, field excursions, modelling and computer-based data analysis. Some optional modules include several week-long field trips to exotic destinations, including the Maldives (scientific diving) and Antarctica (top predator ecology), to practice survey techniques and field methodology. There will be additional charges for these field trips.

Teaching for the part-time distance learning courses in Sustainable Aquaculture utilises a sophisticated e-learning platform developed by 5m Publishing who are partners in delivering the course. A team of tutors supports students in their learning and provides access to industry experts as part of the online learning experience.

**Class sizes**

range from 5-30 students, depending on activity.

**Careers**

Students are well prepared to become the next generation of managers and scientists delivering the research and scientific advice needed for integrated resource and biodiversity management all over the world.

Many graduates from our postgraduate taught programmes pursue research careers, starting with PhD study, some at St Andrews and others at universities throughout the UK and internationally such as the USA or Australia. Others seek competitive employment and commercial experience in the environmental consultancy sector. Some of our graduates work in conservation management, policy and advice for government agencies in the UK and overseas.

Graduates in Sustainable Aquaculture will typically pursue a career in higher level management, research and development or business development within the global aquaculture business. The programmes include aquaculture in all regions of the world and are particularly suited for those looking to focus on the rapidly growing Asian and South American markets.

**Contact**

Postgraduate Taught Programmes
E: pgtaughtbiology@st-andrews.ac.uk
T: +44 (0)1334 463441
biology.st-andrews.ac.uk/postgraduate

MSc, PG Diploma, PG Certificate in Sustainable Aquaculture
E: mscqua@st-andrews.ac.uk
T: +44 (0)1334 463441
synergy.st-andrews.ac.uk/biopostgraduate/sustainable-aquaculture

**Five programmes, delivered fully or in part by Biology, are listed in the following Themes:**

- Science and Medicine (3 programmes) pages 89-93
- Interdisciplinary (2 programmes) page 117
- Some programmes appear in more than one Theme.

**Chemistry**

**Features**

- The School has a student population of around 180 research postgraduates and 83 postdoctoral researchers.
- All prospective newcomers 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.
- In the UK Research Excellence Framework 2014, EaStCHEM, the combined Edinburgh and St Andrews research school for Chemistry, was ranked top in Scotland with 28% of its overall research activity rated as ‘world leading’ (4*).

The School of Chemistry has 48 full-time academic and academic-related staff and 16 technical staff.

**Postgraduate community**

Our size promotes a friendly atmosphere with a cross-flow of ideas while providing the depth and breadth necessary to pursue major scientific programmes at an international level. Around 250 publications are produced per year and there are very strong connections with industry across a range of research areas.

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

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

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

Chemistry graduates have gone on to successful careers in the chemical industry with companies such as BP, Shell, Johnson Matthey, Siemens, GSK, Pfizer, and AstraZeneca. Many also continue in academic life, pursuing a research-based PhD in universities or research institutions in the UK, Europe, North America, Japan and others worldwide. Other career routes outwith a research environment include scientific publishing, patent law, forensic science, and IT and energy consultancy.

**Careers**

**Contact**

E: chem-pg@st-andrews.ac.uk
T: +44 (0)1334 463800
www.st-andrews.ac.uk/chemistry/prospective/pg

Three programmes, delivered fully or in part by Chemistry, are listed in the following Themes:

- Science and Medicine (3 programmes) pages 89-93
- Some programmes appear in more than one Theme.

The School Building, the adjoining Biomolecular Sciences building and the new Biomedical Sciences Research complex offer excellent accommodation and facilities for teaching and research in some of the most modern and well-equipped laboratories in the UK.

The School has major facilities across the full spectrum of Chemistry, including NMR (both solution and solid-state), X-ray crystallography (single-crystal, powder and macromolecular), electron microscopy, catalyst evaluation, analytical chemistry, spectroscopy, computational chemistry and surface science, together with all the standard chemical evaluation techniques.

The School of Chemistry also houses the Dr Ettie Stewart Steel Reading Room containing many of the books required for postgraduate research work. Comprehensive online access to journals and national and international databases is available. Taught postgraduate students are allocated working and write-up space within their respective research groups.
Classics

Features

- Between 8 and 20 taught postgraduates admitted each year, with a postgraduate community numbering over 30.
- Friendly but academically challenging departmental ethos.
- The School is housed in the centre of the town, adjacent to the University Library, with views out to St Andrews Bay.
- Vibrant conference and workshop programme.
- Excellent collections in the University Library, as well as a dedicated class library in the School building.
- Beginners’ or intermediate courses in Greek and Latin available if you need to acquire a classical language as part of your training for subsequent research.
- The School was ranked top in Scotland and second in the UK in the 2014 Research Excellence Framework.

One of the largest Classics Schools in the UK with 20 permanent members of staff.

Postgraduate community

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

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

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

Facilities

The MLLit in Classics offers both an intensive preparation for further study and the opportunity to pursue your particular research interests – whether those lie in the study of literature and culture, ancient history, archaeology, philosophy, language, or the reception of the classical world in subsequent periods.

At the heart of the degree is our unique core programme of training (two to three hours a week). This includes: discussion of the range of surviving sources from the ancient world, and of theoretical and other approaches in use across the study of Classics; a systematic introduction to available resources; and a series of workshops on ‘academic life skills’, such as presentation, digital humanities, outreach and public engagement.

Alongside this core training, you have the opportunity within the optional modules on material or literary culture to develop your particular expertise and interests through essays and a dissertation, closely supervised by experts in the field.

St Andrews is one of the major centres for the study of the classical world in the UK, with a wide range of expertise: a full list of our academic staff and their research profiles is available online.

www.st-andrews.ac.uk/classics/staff

Class sizes

Core modules: seminars of 5-20 students.
Culture modules: taught in groups of up to 10 students.
Language modules: in groups of 10-30 students.

Careers

Many of our recent taught postgraduate students have gone on to study for a PhD in the UK or the USA, but others have used our Masters degrees as an intellectual foundation for diverse professional careers, including teaching, law, or museum curatorship.

Contact

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www.st-andrews.ac.uk/classics/prospective

Computer Science

Features

- A cohort of around 90 taught postgraduate students admitted every year who enjoy many opportunities to work and socialise together.
- The School is housed in the centre of town, adjacent to the University Library.
- Excellent collections in the University Library, as well as a dedicated class library in the School building.
- Beginners’ or intermediate courses in Greek and Latin available if you need to acquire a classical language as part of your training for subsequent research.
- The School was ranked top in Scotland and second in the UK in the 2014 Research Excellence Framework.

One of the largest Classics Schools in the UK with 20 permanent members of staff.

Postgraduate community

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

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

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Contact

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www.st-andrews.ac.uk/classics/prospective

Eleven programmes, delivered fully or in part by Computer Science, are listed in the following Themes:

“Business, Management, Finance and Economics” (1 programme) page 86
“Science and Medicine” (12 programmes) pages 97-100
“Interdisciplinary” (1 programme) page 119

Some programmes appear in more than one Theme.
Divinity

**Features**
- The School has 23 members of staff undertaking research in a wide range of specialties, an undergraduate student population of around 100 full-time equivalents, and 90 postgraduates.
- A closely-knit community of academics and postgraduates provides a context in which to engage in stimulating theological explorations.
- St Andrews has gathered one of the most outstanding communities of internationally-renowned scholars.
- Five weekly seminars cover Analytic and Exegetical Theology, Biblical Studies; Religion and Politics; Systematic Theology; and Theology, Imagination and the Arts. There are also regular workshops on the theme of Scripture and Theology.
- In preparation for your future career, intellectual abilities are promoted as part of a broad package of development, including the enhancement of effective communication and leadership skills.
- The School is home to the Centre for the Study of Religion and Politics, the Institute of Analytic and Exegetical Theology, the Institute for Theology, Imagination and the Arts and the Institute for Bible, Theology and Hermeneutics.
- The School was ranked top in Scotland for research outputs in the 2014 Research Excellence Framework.

The School admits around 50 postgraduate students each year, of whom 20-30 are in MLitt programmes.

**Postgraduate community**
The School of Divinity promotes a friendly atmosphere with a cross-flow of ideas between the disciplines, while providing the depth and breadth necessary to ground the pursuit of scholarly activity at an international level.

Our biggest asset is not our distinguished history or our fine facilities but rather our people – both staff and students. It is a popular place for visiting scholars from all over the world.

**Class sizes**
range from 4-12 students in the residential MLitt.

St Mary’s College

Theology has been taught in the University since its earliest days. As the seat of the Archbishop of St Andrews, the primate of the medieval Scottish Church, the town of St Andrews was for many centuries the centre of church life in Scotland. During the crucial time of the Reformation St Andrews was at the heart of much of the action, witnessing not only martyrdoms and the capture of John Knox by French Catholic forces but also the passionate debating of key theological issues.

St Mary’s College – the youngest of the University’s colleges – was founded in 1538, just before the main effect of the Reformation in St Andrews. Following the Reformation, it was re-founded in 1579, and it was then that the theological teaching from the other colleges was concentrated in St Mary’s College.

It became the home of the Faculty of Divinity in the University, and so it has remained to the present day. The fine sixteenth-century buildings of the College are grouped around two sides of a spacious quadrangle. From its stately setting, St Mary’s is a lively part of the University community and one to which many students have great loyalty. The College Society, run by students, organises social events throughout the year.

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Earth & Environmental Sciences

**Features**
- The School 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 developed as a result of the recent appointment of early-career academics over the past five years.
- Research and teaching programmes now 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.
- The School was ranked top in Scotland and fifth in the UK for the 2014 Research Excellence Framework (when it was combined with Geography & Sustainable Development).

**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.

**Facilities**
The School houses state-of-the-art stable and radiogenic isotope geochemistry and geobiology laboratories, including culturing facilities for corals and microbes. Our research equipment includes five high-precision isotope mass spectrometers (two MAT 253s, twoNu Plasma, and one Neptune Plus installed in 2015), two Class 100 clean labs, an XSeries quadrupole ICP-MS, ICP-OES, and a Finnigan Delta Plus XP gas source mass spectrometer.

All materials, and particularly gases, liquids, minerals, rocks, organisms, and soils, can be analysed for isotopes and major and trace elements within research projects that cover the breadth of Earth and environmental science. We host a suite of field geophysical equipment; and an experimental petrology facility capable of simulating conditions from the mid-crust to upper mantle (pressures of between 0.5-4 GPa and 300-2000°C). A range of spectroscope, SEM, electron microscope and X-ray diffraction and fluorescence techniques are also part of our analytical facilities.

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**Careers**
The range of research areas and applications within our School are broad and career opportunities arising from postgraduate training span the whole of Earth and environmental sciences.

MSc Geochemistry graduates are employed in the energy sector (hydrocarbon industries, petrochemicals, nuclear and renewables), in mining and mineral exploration, extraction and processing, and in environmental industries and agencies focused on pollution monitoring and environmental remediation. MSc Geochemistry graduates are also in demand as specialised research technicians in academic institutes worldwide and as PhD students in geochemistry-focused research.

MSc Mineral Resources graduates are employed in mining and mineral exploration, extraction and processing, and in environmental industries and agencies focused on pollution monitoring and environmental remediation. Graduates also transfer into PhD projects.

MSc Oil and Gas Innovation graduates have new skills to contribute to the oil and gas industries, particularly in the area of applied geochemistry.

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**Contact**

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**Seven programmes, delivered fully or in part by Divinity, are listed in the following Themes:**

- **Arts and Humanities** (7 programmes) pages 53-76
- **Interdisciplinary** (1 programme) page 118

Some programmes appear in more than one Theme.

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**Five programmes, delivered fully or in part by Earth & Environmental Sciences, are listed in the following Themes:**

- **Science and Medicine** (3 programmes) pages 93-98
- **Interdisciplinary** (2 programmes) page 117

Some programmes appear in more than one Theme.
Economics & Finance

Features

- A team of around 30 composed of world-leading specialists in behavioural economics, decision theory, econometrics, development, growth, finance, international economics, monetary policy, and dynamic macroeconomics.
- Enhance analytical and decision-making abilities through training in problem solving, specifically through the use of quantitative and model-based methods of analysis.
- Dissertations are supervised on an individual basis by members of staff with internationally recognised expertise.
- Regular seminars and workshops bring you into contact with cutting edge research.
- Previous students have gone on to a wide range of career opportunities across the globe.
- 80% of research outputs were ranked ‘internationally excellent’ or ‘world leading’ in the 2014 Research Excellence Framework.
- Admits around 30 new taught postgraduate students each year.
- Research excellence in all periods of English literature from Old English to the present day.
- Varied programme of published writers and academics as visiting speakers.
- One of the highest concentrations of medievalists in the UK, united by the St Andrews Institute of Mediaeval Studies (SAIMS).
- Creative Writing and Playwriting/Screenerwriting 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.
- All students are attached to at least one of the School’s four research groups (Medieval and Renaissance; Eighteenth Century, Romantic and Victorian; Modern and Contemporary; Creative Writing) and are invited to participate in their activities.
- The School was ranked top in Scotland and sixth in the UK in the 2014 Research Excellence Framework.

Up to 100 taught postgraduate students each year.

Economics and finance are broad and important research fields linking almost all aspects of human activity: running a business, purchasing stocks and bonds, managing a charity, taking on a job, getting married, regulating an industry, administering a loan. Despite this diversity the key concept is simple: economic agents act in pursuit of their own interests and this simple and unifying concept can be rigorously applied in many areas of research. These extend from core areas like macroeconomics, the business enterprise, and household behaviour, to areas such as innovation, taxation, the environment, quality of life, financial markets, the business cycle and inflation.

Postgraduate community

Economics and finance is expanding and changing at St Andrews and we have recently welcomed a number of new lecturing staff adding to our cosmosmial School. We bring understanding and excitement from the latest cutting-edge research into the teaching of all our postgraduate degree programmes. Our emphasis on smaller group teaching allows a high level of interaction between both students and teachers, encouraging a warm and friendly learning environment. We 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.

Facilities

St Andrews has a tradition in economics and finance dating back over 100 years. The School of Economics & Finance is located in Castlcliff, a beautiful Edwardian mansion on The Scores, overlooking the delightful St Andrews Bay. Many of our students enjoy the rural pursuits on our doorstep with the opportunity to venture out to the mountains and even ski in the Cairngorns in the winter months.

Our modules are delivered through traditional lectures and supported by a combination of tutorials, seminars or computer laboratory work, as appropriate. Choosing your individual syllabus is important and is done in personal consultation meetings with your course director. You will be assessed by both continuous assessment and examinations, with exams held at the end of each semester.

Each module typically has 20 lecture contact hours, and five seminar, workshop or tutorial contact hours (there is some variation by specific module design). Assessment is typically by a combination of continuous assessment and final examination. Intensive independent study is expected of all students.

Careers

There is a long-standing tradition of our graduates working in a wide variety of challenging and rewarding posts, in economics, finance, commerce, insurance, industry, academia, diplomatic service, and banking. They work in the UK, Europe, and North America, and more frequently in locations such as China, Taiwan, Hong Kong, Japan and Thailand.

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

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www.st-andrews.ac.uk/study/pg/efin

Six programmes, delivered fully or in part by Economics & Finance, are listed in the following Themes:

**Business, Management, Finance and Economics**

(4 programmes) pages 79-81
Interdisciplinary (2 programmes) pages 117-119
Some programmes appear in more than one Theme.

Features

- The School currently has over 30 permanent members of staff.
- Admits around 30 new taught postgraduate students each year.
- Research excellence in all periods of English literature from Old English to the present day.
- Varied programme of published writers and academics as visiting speakers.
- One of the highest concentrations of medievalists in the UK, united by the St Andrews Institute of Mediaeval Studies (SAIMS).
- Creative Writing and Playwriting/Screenerwriting 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.
- All students are attached to at least one of the School’s four research groups (Medieval and Renaissance; Eighteenth Century, Romantic and Victorian; Modern and Contemporary; Creative Writing) and are invited to participate in their activities.
- The School was ranked top in Scotland and sixth in the UK in the 2014 Research Excellence Framework.

Postgraduate community

The School has a vibrant postgraduate community of around 60 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.

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

Facilities

The teaching rooms and staff offices are housed in two nineteenth-century stone buildings, Castle House and Kennedy Hall, opposite St Andrews Castle and overlooking the sea. 66 North Street, the School’s dedicated Centre for postgraduate students, is only a few minutes’ walk away.

The University Library’s Copyright Deposit Collection contains more than 40,000 volumes, covering the whole subject area from 1769 to 1837, and approximately 10,000 volumes of periodicals which ceased publication before 1841. Some of this material is not held in the National Library of Scotland.

The University Library was a copyright library from 1710 until 1836. St Andrews holds the fullest records of eighteenth- and nineteenth-century student reading, and boasts remarkable medieval academic archives. Specialist collections cover over 100 years of material from the Scottish Enlightenment to the present day.

English

Features

- The School currently has over 30 permanent members of staff.
- Admits around 30 new taught postgraduate students each year.
- Research excellence in all periods of English literature from Old English to the present day.
- Varied programme of published writers and academics as visiting speakers.
- One of the highest concentrations of medievalists in the UK, united by the St Andrews Institute of Mediaeval Studies (SAIMS).
- Creative Writing and Playwriting/Screenerwriting 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.
- All students are attached to at least one of the School’s four research groups (Medieval and Renaissance; Eighteenth Century, Romantic and Victorian; Modern and Contemporary; Creative Writing) and are invited to participate in their activities.
- The School was ranked top in Scotland and sixth in the UK in the 2014 Research Excellence Framework.

Postgraduate community

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English is well served by specialist online resources and researchers are encouraged to work with the Library’s Department of Special Collections, some of whose holdings can be viewed via the St Andrews Digital Collections portal. In such areas as palaeography and book history the University Library works closely with the School in the provision of classes for Masters-level students which can be audited by postgraduate research students.

MLitt programmes normally range from 3-10 students.

Funding: investing in your future

The School of English normally offers a small number of its own awards for suitably qualified applicants who have been accepted for an MLitt. Up-to-date information can be found at: www.st-andrews.ac.uk/english/postgraduate/funding

Careers

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

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Eleven programmes, delivered fully or in part by English, are listed in the following Themes:

**Arts and Humanities**

(10 programmes) pages 57-77
Interdisciplinary (3 programmes) pages 117-120
Some programmes appear in more than one Theme.
**Film Studies**

**Features**
- Research-led teaching in a supportive and vibrant environment.
- Senior expertise of high-profile scholars, such as Professor Dina Iordanova and Dr Michael Cowen.
- Regular visits from notable film critics and film makers.
- The School was ranked top in Scotland in the 2014 Research Excellence Framework.

Film Studies at St Andrews is committed to questioning the traditional view of what is ‘normal’ cinema. We attempt to uncover the agendas that define how we think about cinema, both in terms of the kinds of films we watch for pleasure, and those we study at university. We are interested in exploring the ways in which racial, ethnic, religious, and sexual subcultures conceptualise their identities, and in examining classic Hollywood and European film through new cultural, theoretical and historical perspectives. Similarly, we are keen to look at films produced at the periphery of established nations, co-productions between smaller players struggling to survive in the global marketplace and popular genre films often deemed unworthy of high-brow critical attention.

Postgraduate community

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

Postgraduate students have the opportunity to present their work at the annual postgraduate student colloquium, at which they are joined by a visiting professor, who provides them with feedback on their work. Postgraduate students also organise and run an annual Study Day at which they are also joined by guest speakers, in addition to writing book reviews for our online journal, Frames, and editing Cine-Files, the newsletter of the Centre for Film Studies.

Facilities

The Department is housed on North Street within easy walking distance of the University Library, local cinema and town centre. Recently the Department has started to use the wonderful facilities at the nearby Byre Theatre for most of our seminars, and for other film-related activities. MuLT classes are usually held at the Byre Theatre.

At St Andrews you will be exposed to a rich and diverse film programme. Regular course-related film showings take place in a custom-built theatre. In addition, a range of screenings takes place across the University during term time, featuring films related to anthropology, international relations, and history.

St Andrews has excellent library provision, with book, journal and electronic databases, including Box of Broadcasts, Film Indexes Online and Film & Television Literature Index Full-Text. There are holdings of approximately 100 film, television and media-related journals, of which about 65 are available electronically, there is also networked access to various databases, including Box of Broadcasts, Film Indexes Online and Film & Television Literature Index Full-Text.

Class sizes

Tutorials: individual tuition.

**Careers**

A Film Studies degree opens doors to many other spheres, including media management, film and TV research, journalism, publishing, advertising, cultural entrepreneurship, non-governmental organisations, marketing, public relations and education.

**Contact**

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T: +44 (0)1334 467473
www.st-andrews.ac.uk/filmstudies/prospective-students/postgraduate-taught-masters-or-mllit-programme

Two programmes, delivered fully or in part by Film Studies, are listed in the following Themes:
- **Arts and Humanities** (1 programme) page 60
- **Interdisciplinary** (1 programme) page 117

Some programmes appear in more than one Theme.

**Geography & Sustainable Development**

**Features**
- The School has 32 permanent academic staff, 3 teaching fellows, 7 support staff, 18 research fellows and assistants and 34 research postgraduate students.
- Partnership and collaboration for 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.
- Excellent in-house laboratory, IT and field resources for teaching and research.
- Emphasis on a range of different skills producing highly literate and numerate graduates with excellent employment prospects.
- The School is a partner in the University’s Scottish Oceans Institute (SOI).
- Dedicated space for postgraduates, plus a 24-hour access computer lab and locations for group or individual work, classes, events, receptions and relaxation.
- The School was ranked top in Scotland and fifth in the UK for the 2014 Research Excellence Framework (when it was combined with Earth & Environmental Sciences).

Postgraduate community

Postgraduate students from across the globe are a vital part of the life of the School. Groups and individuals within the School collaborate actively with several overseas universities, and there may be opportunities for postgraduates to spend time abroad while studying for a higher degree. Students can discuss the possibility of taking the second year in Moscow as part of the energy programme, subject to discussions with the programme coordinator and agreement with Moscow and any further requirements depending on student’s background.

The University of St Andrews embraces its responsibilities for the future, by placing sustainable development at the heart of its operations along four integrated fronts: governance, teaching, research and sustainable estates management. The idea is to integrate sustainability into day-to-day thinking and decision-making processes of the University. New buildings and major refurbishments of existing buildings are being designed to meet strict environmental standards. The £17m SALIX energy fund is helping us to achieve this. The dedicated Estates Environment Team of professionals works closely with Schools and Units to raise awareness and understanding of operational sustainability issues.

The University is working with a range of key stakeholders to promote sustainable development across the higher education sector. As an active member of the Environmental Association for Universities and Colleges (EAUC) the University shares learning across the higher education and further education sector.

**Careers**

Recent postgraduates have obtained doctoral, postdoctoral and lecturing positions in leading universities around the world, while others have jobs in environmental management, market research, health research and the oil industry.

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Six programmes, delivered fully or in part by Geography & Sustainable Development, are listed in the following Themes:
- **Science and Medicine** (1 programme) page 94
- **Social Science** (5 programmes) pages 106-114
- **Interdisciplinary** (2 programmes) pages 117-118

Some programmes appear in more than one Theme.
History

Features
- A large postgraduate community, which includes around 100 research postgraduates and a further 90 taught postgraduates.
- Around 50 staff, who offer a broad and varied portfolio of research expertise.
- Vibrant seminar series across the School, students have numerous opportunities to hear and meet top scholars from the UK and beyond.
- 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.
- Strong commitment to providing skills training to enhance the employability of our postgraduates.
- Committed to the provision of language training throughout the degree.
- The School was ranked top in Scotland with 80% of its overall research activity rated ‘world leading’ or ‘internationally excellent’ in the 2014 Research Excellence Framework.

Postgraduate community
Building on excellence in individual research, the School has expertise across the Medieval, Early Modern and Modern periods, and a wide geographical coverage. Our research interests range from sixth-century Scotland to Iran in the early twenty-first century (and innumerable other places in between). We have particular strengths in Middle Eastern, Transnational, British, Continental European and US History; as well as groupings focused on Legal Studies, Reformation Studies, Environmental History, and Intellectual History. As befits Scotland’s oldest university, the School is also a leading centre of Scottish historical research. The School of History occupies three sites in the heart of the historic town of St Andrews. All are within a few minutes’ walk of each other, and of the University Library:
- On tree-lined South Street and close to the ruins of the Cathedral, most Medievalists and Reformation Studies colleagues are based in a charming seventeenth-century town house and the adjoining medieval residence of the Hospitallers.
- St Katharine’s Lodge is a nineteenth-century former school building, now a Student Union, close to St Andrews Castle and the magnificent West Sands beach.
- Middle Eastern History is in the Arts Building, which opened in 2006, with elegant new teaching and workspaces.

Class sizes range from individual supervision in Directed Reading modules up to classes of approximately 12 for compulsory modules.

International Relations

Features
- Over 40 academic members of staff in the School.
- A large and vibrant postgraduate community, with over 85 taught postgraduate and over 80 research students in any year, which includes a large proportion of international students.
- An established reputation throughout the world for high-quality teaching and research.
- Specialist areas in international security, international theory, terrorism studies, peace and conflict, international institutions, and regional studies including the Middle East, Central Asia and Southern Africa.
- The School was ranked second in Scotland for politics and international studies in the 2014 Research Excellence Framework.

Postgraduate community
International Relations has been taught at the University for over 25 years; a Department was created in 1990 which became a School in its own right in 2003. We are located at the centre of the University, occupying a building which opened in 2008.

All International Relations modules taught on our MLitt programme are distinctive options available only to postgraduate students. At the same time you are incorporated into the wider research life of the School, taking part in our regular lecture series organised by our research centres.

Facilities
The discipline of international Relations is both theoretical and practical. Academics teaching in the discipline are frequently called upon to apply their insights to the realities of international relations. They provide expert judgements in the media, give advice to legislators or governments, or provide non-governmental organisations with briefings on specific issues or countries.

International Relations is a distinct discipline that draws on diplomatic history, political theory, political economy, political science and international law to provide theoretical perspectives to explain the processes and patterns of international affairs in the modern world. This enables you to assess developments in the international system and specific geographic regions. You will explore issues such as the origins of war and peace, foreign policy making, international trade, international terrorism, human rights, international organisations, international law, and the interaction of political and economic development. You also analyse the ways in which states relate to other international actors, and develop normative theories that relate the world as it is to the world as it might be. All of these have practical applications for you as both a citizen and a potential decision maker.

Ten programmes, delivered fully or in part by International Relations, are listed in the following Themes:
- Arts and Humanities (2 programmes) pages 63, 65
- Science and Medicine (1 programme) page 94
- Social Science (8 programmes) pages 106-115
- Interdisciplinary (2 programmes) pages 116-119

Some programmes appear in more than one Theme.

Contact
E: irpgt@st-andrews.ac.uk
T: +44 (0)1334 461994

www.st-andrews.ac.uk/ir/prospective/pgt

Sixteen programmes, delivered fully or in part by History, are listed in the following Themes:
- Arts and Humanities (15 programmes) pages 55-77
- Social Science (2 programmes) pages 104-108
- Interdisciplinary (4 programmes) pages 117-120

Some programmes appear in more than one Theme.

Class sizes
Lectures: 20-30
Seminars: 1-15
Postgraduate community
The School of Management has a truly international feel with staff and students from over 40 countries, representing a wide diversity of cultures and interests. This international aspect of your postgraduate studies will allow you to become familiar with cross-cultural issues and to develop personal business contacts across Europe, India, North America and the Far East.

The student Management Society organises a broad range of activities, both subject related and social. The University also has a number of other student societies relating to the Management discipline.

The concept of responsible enterprise informs our teaching and research on:

- management within organisations
- the impact of human enterprise on the environment
- the interaction between forms of investment and social and organisational impact
- the need to foster creativity and development.

Accountability, governance, sustainability and ethics are key to our understanding of and engagement with a wide variety of organisations – private, public and social.

Our world-class research makes a significant contribution to our teaching in the School. We work as a supportive community to ensure that our students think and engage critically with subject matter, both practical and theoretical, developing their abilities and their skills in analysis, synthesis, evaluation and application.

Facilities
The School of Management is located in the Gateway Building on the North Haugh which is set in an open green space close to the beach, halls of residence, sports facilities and the town centre. The Gateway has state-of-the-art lecture and seminar facilities as well as an extensive private study area for students.

The taught elements of the programmes are delivered through approximately 12 hours per week of staff/student contact. We use a range of delivery methods, including lectures, small group tutorials, workshops and seminars. Our average lecture size is 30 students. However, in some cases there will be seminars of 15-18 students or larger lectures with up to 100 students, which would normally be augmented by small-group tutorials. There is also a weekly series of lectures and workshops for all students focusing on research methods and other topics to help prepare for the dissertation. Communication and teamwork skills are developed through discussion-based group work, oral presentations, student-led facilitations and written work.

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

- Moved on to further postgraduate or postdoctoral studies.
- Joined the academic staff of leading UK or international universities.
- Found highly-paid positions in analysing finance for large consulting firms and major financial institutions, for example: American Express, Aquila Insight, Aviva, Capital One, Goldman Sachs, PwC, Royal Bank of Scotland, and Tesco Bank.
- Found rewarding and challenging positions in the computer industry.
- Found academically rewarding positions and careers in government agencies, including GCHQ.
- Joined government and non-governmental organisations to advise wildlife and conservation managers, including the Wildlife Conservation Society (WCS).
- Joined engineering and defence organisations working on a wide range of projects, for instance, guidance systems and tracking of information from satellite data.
- Improved their mathematics qualifications, enhancing their positions and prospects in the secondary and tertiary education sectors.

Assessment on the taught postgraduate programmes is normally via a combination of coursework including individual written work, group presentations, class tests and examinations. You then undertake a dissertation – for details see Banking and Finance on page 79.

Careers
Alumni from the School of Management have secured employment in the fields of general management, marketing and brand management, accountancy, investment analysis, fund administration and other aspects of the financial services industry. Graduates have taken up these roles in a wide variety of organisations in the public and private sector including: Accenture, Amazon, AXA Insurance, Bain and Company, Barclays, Blackrock Global Investment Management, BP Amoco, Credit Suisse Group, Danone, Deleitoe, EasyJet, EY, Google, Greenepeace, Bank of Scotland, IBM, KPMG, McKinsey, Nomura Bank, PwC, Procter and Gamble, and Unilever. In addition, a number of past graduates have gone on to do research or to study for a PhD both at St Andrews and elsewhere. The School works closely with the University’s Careers Centre (page 26) to prepare and assist you in selecting future career options.

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T: +44 (0)1334 462200
www.st-andrews.ac.uk/mathematics
www.st-andrews.ac.uk/mathematics

Ten programmes, delivered fully or in part by Management, are listed in the following Themes:

- Business, Management, Finance and Economics
- Science and Medicine
- Social Science

Some programmes appear in more than one Theme.

Contact
E: maths-msc-enquiries@st-andrews.ac.uk
T: +44 (0)1334 462344
www.st-andrews.ac.uk/mathematics
www.st-andrews.ac.uk/mathematics

Six programmes, delivered fully or in part by Mathematics & Statistics, are listed in the following Themes:

- Science and Medicine
- Interdisciplinary

Some programmes appear in more than one Theme.
**Modern Languages**

### Features

- Six language departments (Arabic and Persian, French, German, Italian, Russian, Spanish) provide discipline-specific and combined programmes plus collaborative programmes in Comparative Literature and Cultural Identity Studies.
- Strong international collaborations through the Crossways in Cultural Narratives programme (with partner universities in Argentina, Canada, England, France, Italy, Mexico, Poland, Portugal, and Spain).
- Diverse and international student body from across Europe, North America, the Middle East, the Far East, and Africa, as well as the UK.
- Strong emphasis on the integration of taught and research postgraduate (one-year Master of Studies by Research (MSt) (Res) and PhD), through participation in the postgraduate seminar series, postgraduate organised workshops and other research-related events.
- Strong emphasis on students' personal development, as programmes are designed specifically to promote the transition from undergraduate to more autonomous postgraduate approaches to study and research.
- The recently refreshed MLitt programmes combine an integrated interdisciplinarity with subject specific contextualisation. Informed broad-based knowledge is developed through in-depth specialism in the production of the dissertation.
- The compulsory module Research and Professional Skills provides instruction and training in a range of researcher skills useful for an academic career and transferable to other professions.
- 75% of research was ‘world leading’ or ‘internationally excellent’ in the 2014 Research Excellence Framework.

### Careers

Many graduates go on to careers in academic fields, as university teachers, researchers or administrators. Others find employment in research-related environments, for example as cultural advisers, translators, in the public or civil service, and in NGOs. Recent graduates have secured posts such as university teachers and researchers in the UK and abroad, research assistants, a postgraduate recruitment officer, a position in GCHQ, a professional translator, an adviser to the CBI, and a subtitler for television.

### Postgraduate community

The Departments in the School promote discipline-specific and collaborative teaching and learning so that students may explore their own particular interests in greater depth and breadth. To these ends postgraduates on different MLitt programmes take core compulsory and disciplinary cross-School modules.

All postgraduates – MLitt, MSt (Res) and PhD students – 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.

### Facilities

Postgraduates benefit from team-taught delivery of compulsory modules in lectures, seminars and workshops and from specialist small group discussions and one-to-one supervision.

### Class sizes

The largest size for lectures is 20 students. Seminars may vary from ten students to individual one-to-one teaching.

### New for 2018 – Scottish Graduate Entry Medicine (ScotGEM)

We are delighted that the Scottish Government has chosen the universities of St Andrews and Dundee's Schools of Medicine to run Scotland's first graduate entry undergraduate medical programme; with the first intake in September 2018. ScotGEM will be a unique and innovative four-year medical programme to be run jointly between St Andrews and Dundee, in partnership with the University of Highlands and Islands and NHS Scotland.

ScotGEM is subject to approval by the General Medical Council and the process for accreditation has started. Full details of the programme, provisional information and the process for accreditation are available at: medicine.st-andrews.ac.uk/graduate-entry-medicine

### Modern Languages

Three programmes, delivered fully or in part by Medicine, are listed in the following Themes:

- **Science and Medicine** (2 programmes) page 94
- **Social Science** (2 programmes) page 106
- **Interdisciplinary** (1 programme) page 119

Some programmes appear in more than one Theme.

### Contact

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### Modern Languages

Contact

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### Modern Languages

Thirteen programmes, delivered fully or in part by Modern Languages, are listed in the following Themes:

- **Arts and Humanities** (11 programmes) pages 56-75
- **Interdisciplinary** (2 programmes) pages 117-120

Some programmes appear in more than one Theme.
Philosophy

Features
- There are 40-50 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 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.
- In the latest Philosophical Gourmet Report produced by Brian Leiter the St Andrews and Stirling Graduate Programme was ranked the third best Philosophy programme in the UK. www.philosophicalgourmet.com
- The School was ranked top in Scotland and fifth in the UK in the 2014 Research Excellence Framework.

The St Andrews and Stirling Graduate Programme (SASP) is an internationally recognised programme for Philosophy.

Postgraduate community
SASP is taught by the Philosophy departments in the universities of St Andrews and Stirling. The philosophy graduate programmes of St Andrews and Stirling are fully merged for all postgraduate degrees.

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

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

St Andrews has a weekly seminar run by and for all taught postgraduate student in Philosophy. This supplements the long-standing weekly seminar run by the research students to which everyone is welcome. The programme also supports and encourages a wide range of student-led reading groups.

The student Philosophy Society (PhilSoc) boasts a lively programme of stimulating talks and events throughout the year.

SASP is the home of the weekly seminar, *Basic Logic*, throughout the year.

SASP funds a number of bursaries for students in the MLitt programme courtesy of generous funding provided by the Philosophical Quarterly. Applicants who wish to be considered for an award should submit their application by mid-March 2018. www.st-andrews.ac.uk/sasp/funding

Contact
E: sasp@st-andrews.ac.uk
T: +44 (0)1334 462487
www.st-andrews.ac.uk/sasp

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

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

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

Nine programmes, delivered fully or in part by Philosophy, are listed in the following Themes:

- **Arts and Humanities** (8 programmes) pages 60-71
- **Interdisciplinary** (3 programmes) pages 117-120

Some programmes appear in more than one Theme.

Physics & Astronomy

Features
- The School has around 40 academic staff, around 60 postdoctoral researchers, including 6 EPSRC, STFC and Royal Society Research Fellows, around 90 research students and around 20 students on taught postgraduate courses.
- The MSc course in Photonics and Optoelectronic Devices is offered in collaboration with Heriot-Watt University, allowing students to draw on the expertise at both sites.
- Astrophysics students make use of the telescopes at the University Observatory, which includes the largest operational optical telescope in the UK.
- St Andrews has recently opened specialist research labs in photonic microfabrication and in high-resolution condensed matter physics, costing £5 million.
- We are a member of the Scottish Universities Physics Alliance (SUPA), whose Graduate School provides a comprehensive range of graduate level courses in physics and astronomy.
- In the UK Research Excellence Framework 2014, 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.

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

Postgraduate community
The postgraduate community in the School of Physics & Astronomy includes typically eight students in our Photonics MSc class, ten engineering doctorate students taking photonics, plus around 80 PhD research students. We expect five to ten students on the new Astrophysics MSc. Students on the MSc courses come from all over the world, with a mix of students from within the UK, EU and overseas.

Facilities
You 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. Well-equipped teaching laboratories allow photonics students to explore the science of photonics in "research mode" and interact directly with academic staff and the School's early-career researchers. Astrophysics students will be encouraged to obtain their own data from the University Observatory, participate in an observing run at an international observatory, as well as access data from other international facilities. Computational modelling and data analysis, with support from academic staff and early-career researchers, forms an important part of the programme.

Class sizes
The combined taught postgraduate class is typically 20 to 25 students, with lectures sometimes shared with our undergraduate final year MPhys class. Lectures: 15-30.

Teaching methods
- Teaching comprises lectures, tutorials, and laboratory/computational work.
- The teaching laboratory offers the photonics students a wide choice of experiments.
- Communication and research skills are developed.
- Work for lecture modules is assessed largely through examinations whereas the laboratory and/or computational work is assessed in a continuous manner. Lecture courses are examined at the end of each semester.
- MSc students select their project topic part way through the course. This is assessed by the submission of a dissertation and an oral exam.

Careers
The Photonics and Optoelectronic Devices MSc programme aims to produce graduates with appropriate knowledge, skills and attitudes to go on to be successful in the photonics area, be it in industrial/commercial positions, or undertaking PhD study in universities. Typically half the class will start PhD or EngD programmes after graduation, while the other half will take up industrial and commercial positions. Commercial destinations of graduates from a recent year-group include laser development, sales and marketing with a/micro office optoelectronics, product support of optical metrology equipment, theoretical modelling of photonic structures, university teaching, internship with a national laser lab, and semiconductor optoelectronics research.

The Astrophysics MSc programme aims to provide an entry route to astrophysics research and potentially PhD programmes.

Specific examples of graduate profiles are available at: www.st-andrews.ac.uk/study/pg/taught-programmes/physics-astronomy/physics/astronomy-careers

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T: +44 (0)1334 463103
www.st-andrews.ac.uk/physics/prospective
Psychology & Neuroscience

Features
- The School has 38 academic staff, 9 technical staff, 59 research postgraduates, 10 postdoctoral researchers and 68 taught postgraduate students.
- The School has an international reputation for the quality of its teaching and research and has some of the best psychological laboratory facilities in the UK. The School 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 was ranked second in Scotland in the 2014 Research Excellence Framework.

An emphasis on ‘doing’ not just listening: we equip you to ask and answer questions in psychology and neuroscience.

Postgraduate community
The School’s size promotes a friendly atmosphere with a cross-flow of ideas while providing the depth and breadth necessary to pursue major scientific programmes at an international level. We have active links with other Schools and Departments within the University, with other Scottish universities and with research institutions outside the UK.

We have a large and thriving community of research staff and postgraduate students. We believe that good teaching and good research go hand-in-hand and we take pride in our research-based culture of teaching.

Class sizes
Lectures: up to 135 students.

Seminars and workshops: up to 20 students.

Facilities
The School is equipped with modern technology to perform virtually all aspects of research in psychology and neuroscience. Facilities include laboratories in neurophysiology, psychopharmacology, psychophysics, perception, animal learning and cognition, cognitive psychology, developmental psychology and social psychology. We have extensive computing facilities for both online control of experiments and offline analysis of data.

Social Anthropology

Features
- Social Anthropology was established in 1979, and is now a constituent department in the University’s School of Philosophical, Anthropological & Film Studies with a staff of 16.
- Teaching at all levels is informed by the research interests and accomplishments of lecturing staff.
- The School was ranked second in Scotland for 4* research in the 2014 Research Excellence Framework.

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

Postgraduate community
All taught postgraduates participate in annual workshops organised by the Department, jointly with the Anthropology departments of the universities of Aberdeen, Edinburgh and Glasgow under the Scottish Training in Anthropological Research (STAR) programme. These workshops provide opportunities for informal presentations of research proposals, discussions relevant to your fieldwork preparations (e.g. ethics, data collection, writing field notes). The training workshops act as complementary elements of the postgraduate training programme, and are organised in consultation with postgraduate students themselves, according to their perceived needs and wishes. In addition, there are shorter workshops which take place throughout the year and are designed to develop theoretical perspectives in anthropological research.

Facilities
The Department of Social Anthropology occupies an extensive suite of offices on North Street and in St Salvator’s Quadrangle. The Centre for American Studies includes its own library located in the Department’s St Salvator’s Quadrangle.

Social Anthropology has a large and thriving community of research staff, postgraduate and undergraduate students. We believe that good teaching and good research go hand-in-hand and we take pride in our research-based culture of teaching.

Class sizes
Lectures: 5-10
Tutorials: 2-6

Careers
Postgraduate study is part of your long-term career development. Alongside the University’s Careers Centre (see page 26), we offer advice and support in planning your career. The School provides opportunities to gain experience of working in an academic context, by being involved in tutorials, laboratory classes and other aspects of academic work.

Many of our postgraduates have gained positions in universities across the world while others have jobs in healthcare (as researchers and clinicians), wildlife conservation, information technology and management services.

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www.st-andrews.ac.uk/anthropology/prospective/pgrad

Six programmes, delivered fully or in part by Social Anthropology, are listed in the following Themes:

Science and Medicine (5 programmes) pages 93-99

Social Science (7 programmes) pages 103-111

Interdisciplinary (1 programme) page 117

Some programmes appear in more than one Theme.
Programmes by Theme

- Arts and Humanities: page 52
- Business, Management, Finance and Economics: page 78
- Science and Medicine: page 86
- Social Science: page 102
- Interdisciplinary: page 116

The programmes, their associated fees and page references are listed in our Programmes and fee information on page 122.
Analytic and Exegetical Theology (MLitt / PG Dip)

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

Compulsory modules

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

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

Delivered by Divinity – see page 34

Art History (MLitt / MPhil)

- Covers 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.
- The choice of modules allows wide-ranging study of thematic or methodological issues, as well as focused research pathways.
- Recent graduates in Art History are employed in universities and archives, museums and galleries, auction houses, radio stations, publishing houses and magazines.

Compulsory module
Themes in Art History

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

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

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

Dissertation
15,000-word Dissertation (MLitt)

You may also apply to attend a three-week Summer School as part of an exchange programme with the École du Louvre in Paris, in which case you write an associated assignment alongside a correspondingly shorter dissertation. Students are expected to arrange and pay for their own travel and accommodation.

(See also Museum and Gallery Studies – page 70)

Delivered by Art History – see page 29

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
Bible and the Contemporary World (MLitt / PG Dip)  
Distance Learning

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

Compulsory modules (one each semester):
Theology and the Arts (Autumn 2018)
The Bible and Contemporary Issues (Spring 2019)

See our website for the modules offered in Autumn 2019.

Dissertation

15,000-word Dissertation (MLitt)
Delivered by Divinity – see page 34

Central and East European Studies (MLitt / MPhil)

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

Compulsory modules
Masterclass in Central and East European Studies 1
Masterclass in Central and East European Studies 2

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

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

Dissertation

15,000-word Dissertation (MLitt)
Delivered by History – see page 40

Arts and Humanities

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
• Embraces the study of all aspects of the ancient Greek and Roman world: Greek and Latin literary culture, ancient history, anthropology, classical philosophy and the reception of antiquity in later periods.
• Includes a unique and intensive core course, covering sources for the study of Classics: theoretical approaches to antiquity; resources; training in practical skills (e.g. careers, digital humanities, outreach and public engagement).
• Preparation for further study and academic careers in your area of specialism or for other employment.
• Allows you to develop your skills in Greek or Latin or to begin an ancient language from scratch.
• Gives flexibility to specialise in the areas of your individual interests, with individual supervision from leading researchers.
• Includes the option of taking courses at the British School at Athens or the British School at Rome.
• Opportunity to develop reading skills in a relevant modern language.

Compulsory modules
Themes and Methods in Classical Research 1
Themes and Methods in Classical Research 2

Optional modules – one per semester
Greek History and Material Culture (Semester 1)
Latin Literary Culture (Semester 1)
Greek Literary Culture (Semester 2)
Roman History and Material Culture (Semester 2)

Language study
You may choose to take a year-long course to start or improve your skills in Greek or Latin. There is a variety of language modules available, dependent on your prior knowledge. Students choosing a language course take versions of the Optional modules with a reduced workload.

Dissertation
15,000-word Dissertation (MLitt)
Delivered by Classics – see page 32

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

Compulsory modules (all students)
Apples and Oranges: Issues in Comparative Literature
Research and Professional Skills
The Contemporary Canon: Why Books Sell
Theory and Practice of Literary Research 1

Additional compulsory module for the language pathway: Specialised Reading and Translating for Comparative Literature

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

French Literary Revolutions
Generations in Russian Literature and Culture
German Literary and Cultural Contexts – Turning Points
Italian Literary and Cultural Contexts
Italian Studies / Middle Eastern Literatures and Cultures / Russian Studies / Spanish and Latin American Studies

Research and Professional Skills

The opportunity to broaden your language portfolio.

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

French Literary Revolutions
Generations in Russian Literature and Culture
German Literary and Cultural Contexts – Turning Points
Italian Literary and Cultural Contexts
Italian Studies / Middle Eastern Literatures and Cultures / Russian Studies / Spanish and Latin American Studies

Research and Professional Skills

The opportunity to broaden your language portfolio.

Dissertation
Summer – 15,000-word Dissertation (MLitt)
Delivered by Modern Languages – see page 45

Creative Writing (MLitt / MFA) see also separate entry for Playwriting and Screenwriting, page 71
• The MLitt provides you with technically oriented tuition by world-class academics and leading contemporary authors, with an emphasis on best practice in recent and contemporary writing.
• Aims at Humanities students and mature students with some demonstrable talent for creative writing as well as academic work.
• Encourages the development of your work, in either prose or poetry.
• Many graduates go on to become published writers and/or pursue careers in a range of sectors including journalism, marketing, publishing and teaching.
• The MFA begins with the same tuition as the MLitt in the first year, and continues with a second year of intensive writing under the direction of a mentor.
• The MFA will qualify you to teach creative writing in higher education institutions internationally.

Compulsory module
Literary and Cultural Theory 1 (for Semester 1 students)

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Apples and Oranges: Issues in Comparative Literature
Research and Professional Skills

The opportunity to broaden your language portfolio.

Dissertation
During Semesters 2 and 3, you begin research towards the final component of the MLitt, a 20,000-word dissertation, completed during Semester 4.
You will write the dissertation in one of the principal languages of your study. Dissertations are supervised by a principal and a support supervisor from two universities of the consortium.

Delivered by Modern Languages – see page 45
Arts and Humanities

Cultural Identity Studies (MLitt / MPhil)

- 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.
- Aimed at those wishing to explore, through literature and related forms, the relationship between the centrifugal forces of globalisation and cosmpolitism on the one hand, and the centripetal impulses towards home and localism on the other.
- The opportunity to gain a theoretical grasp of different dimensions of cultural identity.
- Explore the ways such dimensions are represented in one or more of the cultural traditions of France, Germany, Italy, Latin America, the Middle East, Russia, Spain.
- Additional entrance requirement: one language taught at the School of Modern Languages (Arabic, French, German, Italian, Persian, Russian, Spanish) to Scottish Credit and Qualifications Framework Level 7, Common European Framework Level B1, or equivalent.

Compulsory modules

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

Optional modules

- Sample Optional modules: Europe and America: Dialogues and Identity Formation in Text, Film and Theory
- Literary and Cultural Theory 2

Dissertation

- Summer – 15,000-word Dissertation (MLitt)
  Delivered by Modern Languages – see page 45

Early Modern History (MLitt / MPhil)

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

Compulsory modules

- Themes and Debates in Early Modern History (1 & 2)
- Compulsory skills training modules – choose two from: Early Modern Documents and Sources
- Latin for Postgraduate Research
- Material Bibliography
- Paleography and Manuscript Studies

Optional modules

- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Dissertation

- Summer – 15,000-word Dissertation (MLitt)
  Delivered by History – see page 40

Economic and Social History (MSC)

- This interdisciplinary programme offers training in the research methods required for higher-level research in social and economic history.
- 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 of your chosen specialist period, and enhance your ability to engage in such debates.
- The programme will develop appropriate research, quantitative and other skills, through taught modules and a supervised dissertation.
- You will receive training in the use of libraries, appropriate databases (electronic and otherwise), archives or other source appropriate repositories.
- Our innovative History in Practice modules offer essential training in the communication of your research to academic and non-academic audiences.
- Your chosen research area is expected to provide training for PhD-level study.

Compulsory modules

- Being a Social Scientist
- History in Practice (1 & 2)
- Philosophy and Methodology of the Social Sciences
- Qualitative Methods in Social Science
- Quantitative Methods in Social Science

Optional modules

- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Dissertation

- Summer – 15,000-word Dissertation (MSc)
  Delivered by Geography & Sustainable Development (page 39) and History (page 48)

Environmental History (MLitt / MPhil)

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

Compulsory modules

- History in the Making: Theories, Approaches and Practices (1 & 2)
  » OR » Global Times – Plural Places (1 & 2)
- AND EITHER
  » Disease and Environment (c.1500 - 2000) » OR » Environmental History: Nature and the Western World (1800 - 2000) » OR » Environmental Disasters: Crisis, Catastrophe and Risk in the Modern World (1755 to Present)

Optional modules

- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
  Choose one of the following:
  » Global Themes – Plural Spaces (1 & 2)
  » History in the Making (1 & 2)
  » Sources and Source Criticism (1 & 2)
  » The Idea of Law » AND » Comparative Studies in Legal and Constitutional Research

Dissertation

- Summer – 15,000-word Dissertation (MLitt)
  Delivered by History – see page 40

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
Arts and Humanities

Epistemology, Mind and Language (MLitt / MPhil)

- Investigate topics including normativity, intentionality, representation, consciousness, rules, thought, and reason and rationality.
- Aimed at those with a first degree in Philosophy. If your undergraduate degree is in another subject, you may be interested in the Graduate Diploma - Conversion, see page 27.
- 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.
- You will have the opportunity to go on an annual reading party in the Scottish Highlands along with research postgraduates and staff.

Compulsory modules
Current Issues in Philosophy
Research Methods

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
Sample Optional modules:
Action and Intention
Advanced Epistemology
Formal Approaches to Natural Languages
Origins and History of Analytic Philosophy
Philosophy of Logic
Philosophy of Mind
Philosophy of Perception

Dissertation
15,000-word Dissertation (MLitt)
Delivered by Philosophy – see page 46.

Film Studies (MLitt)

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

Compulsory module (two semesters)
Theory and Practice of Research in Film Studies

Optional modules
Choose two from those available – these vary annually and reflect current staff research interests. Examples are:
- Cinema and War
- Documentary Cinema
- Film Sound
- Film Technologies and Aesthetics

Dissertation
Summer – 15,000-word Dissertation
Delivered by Film Studies – see page 38

French Studies (MLitt)

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

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

Dissertation
Summer – 15,000-word Dissertation
Delivered by Modern Languages – see page 45

German and Comparative Literature (MLitt)

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

Compulsory modules
- Apples and Oranges: Issues in Comparative Literature
- German Literary and Cultural Contexts: Turning Points (40- and 20-credit versions available)
Those taking the 40-credit version of German Literary and Cultural Contexts: Turning Points do not take Optional modules.

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
Those taking the 20-credit version of the German Literary and Cultural Contexts: Turning Points take one additional 20-credit module from a selection offered by the School of Modern Languages and the School of English.

Dissertation
In the second semester at St Andrews, you specialise in an area of choice within German or Comparative Literature and write an 18,000-word dissertation under the joint supervision of one scholar in Bonn and one supervisor in St Andrews. This is an in-depth independent research project that serves as an ideal preparation for the demands of a PhD.
Delivered by Modern Languages – see page 45.
Arts and Humanities

German Studies (MLitt)

- A carefully balanced combination of training in advanced research techniques and skills, an overview of the state of the art of German studies and your own specialisation in any area of German studies.
- You will have personal access to teachers with expertise in a wider range of areas in German studies (medieval literature, the nineteenth century, realism, historiography, cultural memory and film) than that offered at many other UK universities.
- You will be taught in small classes of no more than 20 students as well as in one-on-one supervision.
- You will be part of our friendly department and thriving and close-knit postgraduate community, with many students from our partner university in Bonn.
- You will be prepared to undertake independent research at PhD level or for a variety of careers in areas such as social and educational administration, broadcasting/journalism, publishing or parliamentary research in both English- and German-speaking countries.
- An MPhil is available in German.

Compulsory modules

- German Literary and Cultural Contexts: Turning Points (40)
- History of Philosophy (MLitt / MPhil): Focus on the historical traditions of western philosophy, allowing you to study across a range of periods – from the classical period through to early analytic philosophy.
- Aimed at those with at first degree in Philosophy. If your undergraduate degree is in another subject, you may be interested in the Graduate Diploma – Conversion, see page 71.
- Expertise across the full range of periods, from the classical period, via medieval philosophy, modern philosophy, including the Scottish Enlightenment and Kant, 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.
- You will have the opportunity to go on an annual reading party in the Scottish Highlands along with research postgraduates and staff.
- Optional modules in moral philosophy, political philosophy and legal philosophy are available.

History of Philosophy (MLitt / MPhil)

- 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 century.
- The choice of modules allows wide-ranging study of thematic or methodological issues, as well as focused research pathways.
- Recent graduates are employed in universities and archives, museums and galleries, auction houses, radio stations, publishing houses and magazines.

Sample Optional modules for this programme:

- The New Vision in Twentieth Century European Photography
- Recent graduates are employed in universities and archives, museums and galleries, auction houses, radio stations, publishing houses and magazines.

Dissertation

- Summer – 15,000-word Dissertation (MLitt)
- Delivered by Art History – see page 29

Intellectual History (MLitt / MPhil)

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

Compulsory modules

- Current Issues in Intellectual History
- Theory and Practice of Intellectual History
- Directed Reading (Masterclass in Intellectual History)

Dissertation

- Summer – 15,000-word Dissertation (MLitt)
- Delivered by Divinity (page 34), English (page 37), History (page 40), International Relations (page 41) and Philosophy (page 46)
### Arts and Humanities

#### Iranian Studies (MLitt / MPhil)

- Study the history, politics and international relations of Iran in a diverse and intellectually stimulating environment.
- Introduction to major themes, concepts and questions including aspects of methodology and historiography, and questions of nationalism, religion and social structures, as well as an outline of Iran’s place in the region and the broader international community.
- 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.

#### Optional modules

- Compulsory module: Themes in Middle Eastern History
- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

#### Directed Reading in Middle Eastern History (1 & 2)

Delivered by History – see page 40

#### Legal and Constitutional Studies (MLitt / PG Dip)

- You can construct an individually tailored degree with a primary focus in legal history, or in global/international law, or you can pursue an integrated, interdisciplinary, degree.
- Suitable for those intending to go on to doctoral research and for those wishing only to take a year’s specialist study.
- Innovative integration of the legal and the constitutional, the contemporary and the historical.
- Opportunity to work on an individual and small-group basis with internationally leading scholars in the fields of legal, constitutional and historical research.
- Fosters analytical expertise and the development of independent research skills.
- Participation in a very large and lively community of postgraduate students of History and of International Relations.
- The Institute of Legal and Constitutional Research 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.

#### Compulsory module

- Comparative Studies in Legal History
- Approaches to Legal History
- Approaches to International Law
- Comparative Studies in Legal History
- Comparative Studies in Legal and Constitutional Research
- Special Topic in Legal and Constitutional History 1
- Special Topic in Legal and Constitutional History 2
- Legal and Constitutional History
- Latin for Mediaeval Studies
- Specialised Research in Italian Studies

#### Optional modules

- Sample Optional modules:
  - Advanced Logic B: Classical Metatheory
  - Formal Approaches to Natural Languages
  - Origins and History of Analytic Philosophy
  - Philosophy of Logic
  - Philosophy of Mathematics
  - Texts in Contemporary Metaphysics

#### Dissertation

- Summer – 15,000-word Dissertation (MLitt)
- Delivered by History – see page 40

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Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
Mediaeval Studies (MLitt / MPhil)

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

Compulsory modules

An Introduction to Palaeography with Codicological and Manuscript Studies (1 & 2)
Sources and Source Criticism

ONE OF:
- Special Topic in Mediaeval History (tailored individual course of study) + OR + Living with the Lion: Themes in the Study of Mediaeval Scotland
- AND:
- Historical Sources and Skills + OR + A language module

Dissertation

Summer – 15,000-word Dissertation (MLitt)
Delivered by History – see page 40

Delivered by Art History (page 29), Divinity (page 34), English (page 37), History (page 40), Modern Languages (page 43) and Philosophy (page 46)

Medieval English (MLitt / MPhil)

- A rigorous programme of study covering the medieval literature of England and Scotland from the Anglo-Saxon period to the early Renaissance.
- Aimed at those interested in medieval literature, in the acquisition of a taught postgraduate qualification, and/or in the possibility of moving towards a PhD.
- The programme develops the various intellectual and practical skills necessary for research in the field of medieval literature.
- You will extend and deepen your knowledge of English and Scottish literature from the earliest Old English writings through to the close of the Middle Ages.
- Expert palaeography classes and access to unique manuscript material are also provided by the University’s Special Collections.
- In addition to being a member of the School’s own Medieval/Renaissance Research Group, you will also become a member of the St Andrews Institute of Mediaeval Studies.

Compulsory modules

Literary Research: Skills and Resources
Middle English Literature in Context
Old English:

Reading the Medieval Text

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

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

Dissertation

15,000-word Dissertation (MLitt)
Delivered by English – see page 37

Middle Eastern History (MLitt / MPhil)

- Explore in depth a variety of historical topics including social, political, cultural and intellectual history of this crucially significant region of the world. The programme draws upon the wide range of expertise within the School of History.
- Explore a series of key themes, concepts and questions.
- Introduction to methodological and analytical approaches, including Orientalism.
- Questions of nationalism and a wide range of historical writing across the Middle East.
- Fields available to explore include: classical Islamic history (Umayyads and Abbasids); the Selijks; the medieval Islamic east; medieval Anatolia; the Ayyubids and Mamluk Near East; Early Ottoman History; Medieval Armenia; Islamic intellectual history.

Compulsory module

Themes in Middle Eastern History

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Arabic for Beginners 1 + OR + Intermediate Arabic 1
Arabic for Beginners 2 + OR + Intermediate Arabic 2
Directed Reading in Middle Eastern History (1 & 2) (tailored individual courses of study)
Middle Eastern Historical Translation
Mediaeval Language (Classical Arabic, Persian, Armenian or Turkish)
State and Society in the Pre-Modern Middle East

Dissertation

Summer – 15,000-word Dissertation (MLitt)
Delivered by History – see page 40

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
**Middle Eastern Literary and Cultural Studies (MLitt / MPhil)**

- This course will 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 should have an undergraduate degree in either Arabic or Persian, or equivalent.
- This course is aimed at those who have studied Persian or Arabic literature, and are interested in other languages' literatures and comparative literature, postcolonial studies, translation studies, gender studies and Middle Eastern history and culture.
- As you progress through this programme, from the compulsory themed modules, some of which are shared by students of other literatures and cultures as well, to the Dissertation phase, the focus becomes narrower as you identify your specific research interests and topics. The teaching becomes more individualised and geared towards encouraging and directing independent research.

**Compulsory modules**

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

**Dissertation**

Summer – 15,000-word Dissertation (MLitt)

Delivered by Modern Languages – see page 45

**Optional modules**

- A compulsory module from another English MLitt, see: [www.st-andrews.ac.uk/coursedatalogue/prog](http://www.st-andrews.ac.uk/coursedatalogue/prog)
- An approved postgraduate module outwith the School of English (arranged independently with another School such as Classics, Divinity, Modern Languages or Philosophical, Anthropological and Film Studies)

**Modern and Contemporary Literature and Culture (MLitt / MPhil)**

- Explore the key texts, contexts and theories that have shaped literature and culture from 1900 to the present.
- 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 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.
- Focus on the key literary and cultural theories of the contemporary period alongside a global range of modern and contemporary texts.
- Develop your skills as a researcher within a specific area of study by taking special topic modules.
- Aimed at those interested in modern and contemporary literature, in the acquisition of a taught postgraduate qualification, and/or in the possibility of moving towards a PhD.

**Compulsory modules**

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

**Optional modules**

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

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

**Moral, Political and Legal Philosophy (MLitt / MPhil)**

- A firm foundation for those wishing to specialise in ethics, and specifically in contemporary ethics, including moral philosophy, political philosophy and legal philosophy.
- Aimed at those with at first degree in Philosophy. If your undergraduate degree is in another subject, you may be interested in the Graduate Diploma – Conversion (see page 71).
- Optional modules in moral philosophy, political philosophy, and legal philosophy are available to students on the MLitt.
- Supervisors at both St Andrews and Stirling are available to oversee the MLitt dissertation.
- You will have the opportunity to go on an annual reading party in the Scottish Highlands along with research postgraduates and staff.

**Compulsory modules**

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

**Optional modules**

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Sample Optional modules:

- Aesthetics
- Classical Philosophy
- Kant
- Moral and Political Philosophy in the Nineteenth Century
- Philosophers of the Scottish Enlightenment
- Philosophy of Law
- Political Philosophy
- Topics in Recent Moral Theory

**Dissertation**

15,000-word Dissertation (MLitt)

Delivered by Philosophy – see page 46

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Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
## Arts and Humanities

### Museum and Gallery Studies (MLitt / PG Dip)
- Comprehensive training in all types of museum and heritage work (curatorial, outreach and managerial).
- Aimed at those wanting to start a career in museum or gallery work, or for those looking for a mid-career change. Some previous museum experience (usually gained as a volunteer) is desirable.
- The main focus of the training is curatorial work and the principles of conservation, museum education, exhibition planning and design, and management are also included.
- The extensive University Museum Collections at St Andrews are particularly suitable for curatorial training and give the programme a unique character.
- Most of the teaching takes place in the Museum of the University of St Andrews (MUSA). The museum includes four display galleries on the ground floor, and on the first floor is a Learning Loft for education, and a Viewing Terrace.
- Substantial contributions to the course are made by the Scottish museums community which generously provides visiting lecturers and hosts class visits and individual student placements.
- A part-time version of the Postgraduate Diploma and MLitt, taught through residential schools and work-based projects, is aimed in particular at people already working in museums. Participants are welcomed from Scotland, the rest of the UK and EU.
- Class sizes are small, with seminars of 18-24 students; exhibition teams of 6-9 students.

### Dissertation
- Summer – 15,000-word Dissertation (MLitt)
- Delivered by Art History – see page 29

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

- Delivered by Art History – see page 29

### Philosophy (MLitt / MPhil)
- Study a wide range of topics within the discipline, in order to broaden your understanding and investigate different research topics.
- Aimed at those with at first degree in Philosophy. If your undergraduate degree is in another subject, you may be interested in the Graduate Diploma – Conversion (see page 73).
- Choose any of the Optional modules offered by the Department, allowing you to choose any combination of philosophical topics.
- Taking a range of modules allows for maximum flexibility when choosing a dissertation topic.
- You will have the opportunity to go on an annual reading party in the Scottish Highlands along with research postgraduates and staff.

### Compulsory modules
- Project Work
- Theory and Practice of Museums, Art Galleries and Related Organisations, Part 1
- Theory and Practice of Museums, Art Galleries and Related Organisations, Part 2

- Dissertation
- Summer – 15,000-word Dissertation (MLitt)
- Delivered by Art History – see page 29

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

### Compulsory module
- Reading Philosophy 1: Texts in Language, Logic, Mind, Epistemology, Metaphysics, and Science • DR •
- Reading Philosophy 2: Texts in Ethics, Metaethics, Religion, Aesthetics, and Political Philosophy

### Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

- Sample Optional modules:
  - Advanced Logic: Animals, Minds and Language
  - Classical Philosophy
  - Contemporary Epistemology
  - Contemporary Moral Theory
  - Contemporary Philosophy of Language
  - Medieval Philosophy
  - Philosophy and Literature
  - Philosophy of Perception
  - Religion
  - Political Philosophy in the Age of Revolutions

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

### Playwriting and Screenwriting (MLitt / MFA)
- The MLitt provides you with technically oriented tuition by leading contemporary playwrights and world-class academics, with an emphasis on best practice in recent and contemporary writing, which will provide you with a gateway into the professional world of writing for stage, radio or screen.
- Aimed at humanities students and mature students with some demonstrable talent for playwriting or screenwriting as well as academic work.
- You will participate in a number of theatre visits and will be required to meet costs of approximately £200.
- The majority of the course is delivered in the Byre Theatre Studio.
- Students have the opportunity to meet and work with professional theatre directors, actors and writers on their own scripts.
- Many graduates go on to become performed playwrights or screenwriters and/or pursue careers in a range of sectors including journalism, marketing, publishing and teaching.
- The MFA begins with the same tuition as the MLitt in the first year, and continues with a second year of intensive writing under the direction of a mentor.
- The MFA will qualify you to teach creative writing in higher education institutes internationally.
- If you already hold a Masters level degree in Playwriting and/or Creative Writing you may apply directly into the second year of the MFA.

### Compulsory modules
- Practical Pedagogy for Creative Writers (compulsory for MFA – second year only)
- Research Skills for Creative Writers
- Writing for Performance 1 & Writing for Performance 2

- Dissertation
- For the MLitt. Summer – a dissertation which takes the form of original writing c. 45 minutes’ performance time.
- For the MFA: Coursework – a thesis comprising c. 90 minutes’ performance time.

- Delivered by English – see page 37

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Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).

Return to Themes
Postcolonial and World Literatures (MLitt / MPhil)

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

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

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
- Special Topic in English Studies
- A compulsory module from another English MLitt, see: www.st-andrews.ac.uk/coursecatalogue/pg
- An approved postgraduate module outwith the School of English (arranged independently with another School such as Classics, Divinity, Modern Languages or Philosophical, Anthropological and Film Studies)

Dissertation
15,000-word Dissertation (MLitt)
Delivered by English – see page 37

Reformation Studies (MLitt / MPhil)

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

Compulsory module
Aspects of Reformation

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
- Special Topic in English Studies
- A compulsory module from another English MLitt, see: www.st-andrews.ac.uk/coursecatalogue/pg
- An approved postgraduate module outwith the School of English (arranged independently with another School such as Classics, Divinity, Modern Languages or Philosophical, Anthropological and Film Studies)

Dissertation
15,000-word Dissertation (MLitt)
Delivered by History – see page 40

Romantic / Victorian Studies (MLitt / MPhil)

- Enhance your knowledge and thinking about Romanticism and Victorian literature through the study of literary culture from the 1790s to 1900.
- Develop your skills as a researcher within a specific area of study by taking special topic modules.
- Acquire experience of independent research through work on a postgraduate dissertation.
- Strengthen your knowledge of the historical, cultural, and critical contexts of nineteenth-century literature.
- Study Romantic and Victorian literature in relation to a diverse range of ideologies, including discourses of revolution and reform, debates about gender, and aestheticism.

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

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
- Special Topic in English Studies
- A compulsory module from another English MLitt, see: www.st-andrews.ac.uk/coursecatalogue/pg
- An approved postgraduate module outwith the School of English (arranged independently with another School such as Classics, Divinity, Modern Languages or Philosophical, Anthropological and Film Studies)

Dissertation
15,000-word Dissertation (MLitt)
Delivered by English – see page 37

Russian Studies (MLitt / MPhil)

- Deepen your knowledge of the interrelated fields of Russian literature, culture and history from the nineteenth century to the present day.
- Aimed at those with a first class or a good second-class undergraduate degree in Russian or a similar course of academic study with substantial course components in the area of Russian studies.
- Receive training in theoretical and methodological issues relevant to your area of studies.
- Small group tuition in subjects that correspond to particular teaching and research strengths at St Andrews.
- The opportunity to study in depth a topic of your choice and to build on this in the form of a 15,000-word Dissertation.

Compulsory modules
Literary and Cultural Theory 1
Literary and Cultural Theory 2
New Approaches to the Russian Literary Canon
Research and Professional Skills
Specialised Research in Russian Studies

Dissertation
Summer – 15,000-word Dissertation (MLitt)
Delivered by Modern Languages – see page 45
Arts and Humanities

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

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

Optional modules
- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Building Britain: The Construction and Deconstruction of Britishness, 1707-2000

Historical Sources and Skills
- Living with the Lion: Themes in the Study of Medieval Scotland
- Religion and Identity in Early Modern Britain

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

Delivered by History – see page 40

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

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

Optional modules (choose up to two)
- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
- Special Topic in English Studies
- A compulsory module from another English MLitt, see: www.st-andrews.ac.uk/coursecatalogue/pg
- An approved postgraduate module outwith the School of English (arranged independently with another School such as Classics, Divinity, Modern Languages or Philosophical, Anthropological and Film Studies)

Dissertation
- 15,000-word Dissertation (MLitt)

Delivered by English – see page 37

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

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

Dissertation
- Summer – 15,000-word Dissertation

Delivered by Modern Languages – see page 45

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

Compulsory module
- The Origins of Christian Theology

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

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

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

Delivered by Divinity – see page 34
The Book, History and Techniques of Analysis (MLitt / MPhil)
- Flexible nature of the programme makes it suitable both for those wishing to go on to doctoral research and for those wishing only to take a year’s specialist study.
- Develop a deep understanding of key issues and methods in book history c.1445-1870.
- Become familiar with the invention, development, spread, and transformation of printing in the period concerned.
- Explore important aspects of book history, such as the economics of the book trade, the social and religious context of printed books, news and censorship, the development of the illustrated book, the relationship between books and the Enlightenment, the industrialisation of print, and the history of libraries and book collecting.
- Acquire the technical skills required for rare book curatorship (teaching involves the Special Collections department: bibliography, paper, format, type, provenance, bindings, fingerprints, technical description, cataloguing, research tools and methods).
- Undertake skills training in palaeography and either Latin or a modern foreign language.
- Study as part of an active book history research community with the Universal Short Title Catalogue, Department of Special Collections, Book History Online, and the St Andrews Book History Conference series.

Compulsory modules
Books and their Readers in Early Modern Europe

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Sample Optional modules – these vary annually and reflect current staff interests.
- Early Modern Documents and Sources
- Political Thought and Latin for Postgraduate Research
- Intellectual History
- Material Bibliography
- Religion and Identity in Palaeography and Manuscript
- Early Modern British Studies
- The European Renaissance

Dissertation
- 15,000-word Dissertation – starts during Semester 2 and into the summer (MLitt)
- Delivered by Divinity – see page 34

Dissertation
- Summer – 15,000-word Dissertation (MLitt)
- Delivered by History – see page 40

Theology, Imagination and the Arts (MLitt / PG Dip)
- A theoretically inflected and historically contextualised introduction to the field of theology and the arts, acting as a stand-alone Masters course or a stepping stone for those considering doctoral research in the field.
- 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.
- Graduates have taken up roles in a wide variety of occupations including:
  - Assistant Professor of Literature, Houston Baptist University, USA.
  - Manager of Church Partner Development, The Colossian Forum on Faith, Science and Culture, USA.
  - Associate Pastor of Grace Church, USA.
  - Dean of Studies, Knox Centre for Ministry and Leadership, New Zealand.
  - Teaching staff, Eastbourne College, UK.

Compulsory modules
Christian Doctrines and the Arts
Religious Experience and Aesthetic Forms
Theological Engagements with the Arts: Rationales, Methods and Texts

Dissertation
- 15,000-word Dissertation – starts during Semester 2 and into the summer (MLitt)
- Delivered by Divinity – see page 34

Dissertation
- Summer – 15,000-word Dissertation (MLitt)
- Delivered by History – see page 40

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

Compulsory module
Global Times Plural Spaces

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

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

Dissertation
- 15,000-word Dissertation (MLitt)
- Delivered by English – see page 37

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

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

Optional modules

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).

**Business, Management, Finance and Economics**

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

**Optional modules**
- Choose three from:
  - Corporate Governance and Risk
  - Econometric Time Series Analysis
  - Experimental Economics and Finance
  - Financial Intermediation
  - Game Theory
  - Industrial Organisation

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

Delivered by Economics & Finance – see page 36
### Business, Management, Finance and Economics

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

**Optional modules (Semester 2 choose two)**
- Corporate Governance and Risk
- Econometric Time Series Analysis
- Experimental Economics and Risk
- Financial Intermediation
- Game Theory
- Industrial Organisation

**Dissertation**
- The final element of the MSc is a dissertation of not more than 15,000 words. The topic will be chosen in discussion with your supervisor who will support you through the process. You will receive training in framing a hypothesis, conducting bibliographic research, writing a literature survey, and structuring a dissertation in Semester 1.

Delivered by Economics & Finance – see page 36

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### Finance and Management (MSc)

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

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

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

**Dissertation**
- Summer – 15,000-word Dissertation – for details see Banking and Finance on page 79.
  - Delivered by Management – see page 42

Delivered by Economics & Finance – see page 36

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### Money, Banking and Finance (MSc)

- Your first degree needs to contain a reasonable amount of economics – specifically, economics (intermediate micro and macro level), quantitative methods training background, and modules in money, banking, international finance, or international economics.
- This course covers money and banking, international finance, monetary policy and financial intermediation while also developing analytical skills and competence with empirical methods, preparing you for a professional career in international banking and finance.
- Develops high analytical ability in order to understand and develop the methods and rationale underlying modern banking, monetary policy and finance.
- You will become knowledgeable about the functioning and rationale of leading financial institutions, commercial and central banking, and the conduct and impact of monetary policy upon the financial system.
- Career destinations include commercial and central banking, investment banking, financial management, accounting and finance, assurance, insurance, actuarial science, corporate trading, venture capital, private equity, corporate finance, economics, industrial and management consultancy.

**Compulsory modules**
- Financial Economics
- Financial Intermediation
- International Finance

**Optional modules (choose one)**
- Sample Optional modules – these vary annually and reflect current staff interests.
  - Behavioural Economics
  - Corporate Governance and Risk
  - Experimental Economics and Finance
  - International Trade and Migration
  - Portfolio Theory and Management
  - Risk Management

**Dissertation**
- The final element of the MSc is a dissertation of not more than 15,000 words. The topic will be chosen in discussion with your supervisor who will support you through the process. You will receive training in framing a hypothesis, conducting bibliographic research, writing a literature survey, and structuring a dissertation in Semester 1.

Delivered by Economics & Finance – see page 36
Human Resource Management (MLitt)

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

Compulsory modules

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

Optional modules

Sample Optional modules – these vary annually and reflect current staff interests.
Choose two from:
Alternative Investments
Creative Marketing
Entrepreneurship and Business Planning
Entrepreneurship Creativity and Innovation
Ethics, Organisations and Management
Financial Systems
International Financial Management

^ Required for CIPD Accreditation

Dissertation

Summer – 15,000-word Dissertation – for details see Banking and Finance on page 79.
Delivered by Management – see page 42

International Business (MLitt)

- You should have an undergraduate degree in business, management or a related discipline.
- Prepares you for cross-cultural work, providing the knowledge and critical understanding of key business practices while considering issues of responsibility in organisations.
- Introduces new approaches to management thinking.
- Enables you to embark on a career within a 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.

Compulsory modules

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

Optional modules

Sample Optional modules – these vary annually and reflect current staff interests.
Choose two from:
Alternative Investments
Creative Marketing Communications
Entrepreneurship and Business Planning
Entrepreneurship Creativity and Innovation
Ethics, Organisations and Management
Financial Systems
International Marketing
International Financial Management
International Business Strategy

^ Required for CIPD Accreditation

Dissertation

Summer – 15,000-word Dissertation – for details see Banking and Finance on page 79.
Delivered by Management – see page 42

International Business and Strategy (Joint 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.
- Students are based in Moscow at the MSU Business School for the first year (two semesters) of their studies and at the School of Management for the final two semesters.
- 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.

Compulsory modules during the second year

Contemporary Global Issues in Management
Global Business Strategy
Scenario Thinking and Strategy

Dissertation

Semester 2 – 15,000-word Dissertation – for details see Banking and Finance on page 79.
Delivered by Management – see page 42

Marketing (MLitt)

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

Compulsory modules

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

Optional modules

Sample Optional modules – these vary annually and reflect current staff interests.
Choose two from:
Alternative Investments
Creative Marketing Communications
Entrepreneurship and Business Planning
Entrepreneurship Creativity and Innovation
Ethics, Organisations and Management
Financial Systems
International Marketing

^ Required for CIPD Accreditation

Dissertation

Summer – 15,000-word Dissertation – for details see Banking and Finance on page 79.
Delivered by Management – see page 42
Business, Management, Finance and Economics

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9). Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).

Management (MLitt)

• Provides you with an understanding of contemporary management methods and key analytical, practical and leadership skills.
• Develops a strong awareness and a flexible approach to complex problem solving within organisations.
• Imparts you with a solid foundation in contemporary management methods and core business principles.
• You will gain the important analytical and management skills required to obtain a professional position with managerial responsibilities or a leadership role within an organisation.
• Accredited by the Chartered Management Institute.
• You develop your communication and teamwork skills through group work, presentations and written work.

Compulsory modules
Corporate Finance and Accounting
Managing Human Resources

Optional modules
Sample Optional modules – these vary annually and reflect current staff interests.
Choose two from:
Alternative Investments
Creative Marketing
Entrepreneurship and Business Planning
Entrepreneurship Creativity and Innovation
Ethics, Organisations and Management
Financial Systems
International Financial Management
Marketing: Principles and Practice
Strategic Management

Dissertation
Summer – 15,000-word Dissertation – for details see Banking and Finance on page 79.
Delivered by Management – see page 42

Management and Information Technology (MSc / PG Dip)

• Provides you with the knowledge needed to manage the information and communication technologies that underpin all successful business practice.
• Combines the skills and experience of leading academics from the Schools of Management and Computer Science.
• Accredited by the Chartered Management Institute.
• You develop your communication and teamwork skills through group work, presentations and written work.
• You will undertake a significant project leading to your dissertation, which enables you to consolidate and extend your specialist knowledge, practical skills and critical thinking.
• Twenty-four hour access to excellent modern laboratories, provisioned with dual-screen PC workstations and group working facilities.
• Subject to achieving suitable grades and meeting any relevant visa requirements, you may elect to extend your studies for a second year as part of an MPhil in Information Technology with Management or apply for PhD study.

Compulsory modules
Masters Core Skills
And two of:
Corporate Finance and Accounting
Managing Human Resources

Optional modules
You will take one Optional Management module. You also choose Optional modules from a range available in Computer Science – see page 87.

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

Delivered by Computer Science (page 33) and Management (page 42)
Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).

Science and Medicine

Advanced Computer Science (MSc / MPhil)
Also available (with English Language) option – see page 91

• Aimed at those with a strong undergraduate background in computer science, providing an opportunity to follow your interests in studying the subject at an advanced, research-led level.

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

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

• Develop communication and teamwork skills through group work, presentations and written work.

• You will have 24-hour access to excellent modern laboratories, provisioned with modern dual-screen PC workstations and group working facilities.

• Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete an MPhil in Advanced Computer Science.

Optional modules in Computer Science
You choose up to seven Optional modules from the list of options available each year. Not all combinations of modules will be available for all programmes and some modules are subject to pre-requisites being satisfied. Please consult the course catalogue for the options available to you: www.st-andrews.ac.uk/coursecatalogue/pg

Among the Optional modules we have offered in recent years are:

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

Up to two from:

Computer Architecture
Computer Graphics
Computer Security
Concurrency and Multi-Core Architectures
Constraint Programming
Distributed Systems
Programming Language Design and Implementation
Signal Processing and Perception for Digital Media
Video Games

Compulsory modules
Masters Core Skills
Object-Oriented Modelling, Design and Programming

For detailed programme requirements, see:
www.st-andrews.ac.uk/coursecatalogue/pg

Optional modules in Computer Science
You will choose six Optional modules from the list opposite of options available each year.

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

Delivered by Computer Science – see page 33
Science and Medicine

Applied Statistics and Datamining (MSc / PG Dip)

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

**Compulsory modules**

- Advanced Data Analysis
- Applied Multivariate Analysis
- Computing in Mathematics
- Computing in Statistics

**Optional modules**

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

You will choose one Optional module.

**Advanced Project in Mathematics/Statistics**
- Mathematical Biology (1 & 2)
- Population Genetics
- Professional Skills for Mathematical Scientists
- Project in Mathematics/Statistics
- Statistical Inference

**Computing in Mathematics**
- Design of Experiments
- Estimating Animal Abundance
- Financial Mathematics
- Independent Study Module
- Markov Chains and Processes

In addition, modules consistent with the degree in the School of Computer Science may be taken. Representative examples are:

- Database Management Systems
- Information Visualisation and Visual Analytics
- Data Intensive Systems

**Dissertation**

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

Delivered by Mathematics & Statistics – see page 43

Artificial Intelligence (MSc / MPhil)

Also available with [English Language option] - see page 91

- An advanced research-led course in the study of artificial intelligence, developing your skills in logic, constraint programming, language processing, machine learning and neural networks.
- A specialist course, retaining some flexibility, allowing you some scope to pursue other areas of computer science alongside the compulsory specialist modules. Students who want additional flexibility can switch after the first semester to the MSc in Advanced Computer Science (see page 87) or the MSc in Information Technology (see page 95).
- 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.
- Develop communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with modern dual-screen PC workstations and group working facilities.
- Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete an MPhil in Artificial Intelligence.

**Compulsory modules**

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

For detailed programme requirements, see:

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

**Optional modules**

See page 87 for Optional modules in Computer Science

**Dissertation**

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

Delivered by Computer Science – see page 33

Astrophysics (MSc)

- Allows you to gain experience in the core areas of astrophysics and to develop the necessary research skills to carry out astrophysical research.
- You will be trained and encouraged to use the University Observatory and the James Gregory Telescope, the largest working optical telescope in the UK, and have the opportunity to take part in an observing run at the Teide Observatory on Tenerife, Spain.
- The programme prepares you to undertake astrophysical research at PhD level.
- Modules provide transferrable skills which enhance employability in and out of academia.

**Compulsory module**

Research Skills in Astrophysics

**Optional modules**

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

**Advanced Data Analysis**

**Astrophysical Fluid Dynamics**

**Contemporary Astrophysics**

**Extragalactic Astronomy**

**General Relativity**

**Gravitational Dynamics and Accretion Physics**

**Magnetofluids and Space Plasmas**

**Monte Carlo Radiation Transport Techniques**

**Observational Techniques in Astrophysics**

**Observation Skills in Astrophysics**

**Research Skills in Astrophysics**

**Star Physics**

**The Physics of Nebulae and Stars**

**Dissertation**

- Summer – 15,000-word Dissertation

Delivered by Physics & Astronomy – see page 47

**Catalysis (MSc)**

- Provides you with 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 lignin 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.
- Designed for those students and professionals who have a degree in Chemistry or an allied subject, to equip you with a range of analytical, critical, and communication skills.
- St Andrews has extensive expertise in catalysis research; this has been recognised by the award of the EPSRC Centre of Doctoral Training (CDT CRITICAT). Some of the specialised teaching is delivered in collaboration with this centre.
- The aims of the programme include introducing awareness of the role catalysis plays in improving sustainability and solving environmental issues in chemical manufacture.

**Compulsory modules**

- Contemporary Research Awareness
- Homogeneous Catalysis
- Introduction to Metal Catalysis, Organocatalysis and Bioisosterism
- Literature Review for MSc
- Research Skills in Chemistry
- Surface Science and Heterogeneous Catalysis

**Optional modules**

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Choose three from the following:

- Advanced Inorganic Chemistry
- Advanced Physical Inorganic Chemistry
- Advanced Spectroscopic Methods
- Asymmetric Synthesis
- Blockbuster Solids
- Chemical Applications of Electronic Structure Calculations
- Energy Conversion and Storage
- Heterocyclic and Penicillin Chemistry
- Molecular Recognition
- Natural Products, Biosynthesis and Enzyme Catalysis
- Nanostructured Materials
- Organic Electronics
- Processing of Materials
- Reactive Intermediates

**Dissertation**

- Summer – Research Project for MSc – 15,000-word Dissertation

Delivered by Chemistry – see page 31

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
Chemical Science (MSc)

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

Compulsory modules

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

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Choose seven from the following:

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

Dissertation

Summer – 15,000-word Dissertation

Delivered by Chemistry – see page 33

Computer Communication Systems (MSc / MPhil)

Also available with English Language option – see page 91.

- An advanced research-led course that equips you with a thorough understanding of the technologies, protocols and systems that enable these devices to communicate in widely diverse and heterogeneous contexts.
- Undertake a significant project including a wide-ranging investigation and substantial software development leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking.
- Develop communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with dual-screen PC workstations and group working facilities.
- Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete an MPhil in Computer Communication Systems.

Compulsory modules

- Masters Core Skills
  - Object-Oriented Modelling, Design and Programming
  - Practice in Computer Communication Systems
- Principles of Computer Communication Systems
- And one or both of:
  - Advanced Topics in Computer Communication Systems
- Distributed Systems

For detailed programme requirements, see: www.st-andrews.ac.uk/coursecatalogue/pg

Optional modules

See page 87 for Optional modules in Computer Science

Dissertation

Summer – 15,000-word Dissertation (MSc)

Delivered by Computer Science – see page 33

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

- A 20-month option for those who use English as an additional language and would like to start a Masters degree while continuing to consolidate their ability to use English effectively in academic contexts.
- Available for all the taught Masters degrees in the School of Computer Science and begins in January each academic year.
- If your English language level falls slightly short of the requisite scores for direct entry to a Masters in Computer Science, this programme allows you to continue developing your knowledge of academic and discipline-specific English.
- 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.
- You must have appropriate academic qualifications for entry onto a Computer Science Masters degree. The academic requirements will be determined by the School of Computer Science, in line with their other MSc programmes.
- A minimum of IELTS 6.0 or equivalent is required.
- This programme only requires one visa.

Programme structure

The programme follows a three semester structure:

Semester 1 – two English Language modules, one Computer Science module
Semester 2 – one English Language module, three Computer Science modules
Semester 3 – four Computer Science modules

Compulsory modules

- Masters Core Skills
- Masters Programming Projects
- Object-Oriented Modelling, Design and Programming
- Principles of Computer Communication Systems
- Programming Principles and Practice

For detailed programme requirements, see: www.st-andrews.ac.uk/coursecatalogue/pg

Optional modules

See page 87 for Optional modules in Computer Science

Dissertation

Summer – 15,000-word Dissertation (MSc)

Delivered by Computer Science – see page 33

Computing and Information Technology (MSc / MPhil)

Also available with English Language option – see previous entry.

- Gives those without an IT background the opportunity to gain programming skills and expertise in the use of modern software environments.
- Develops critical understanding of the issues associated with using computing systems and their impact on business processes and project management.
- Develops communication and teamwork skills through group work, presentations and written work.
- Undertakes a significant project leading to your dissertation, consolidating and extending your specialist knowledge, practical skills and critical thinking.
- You will have 24-hour access to excellent modern laboratories, provisioned with dual-screen PC workstations and group working facilities.
- Subject to achieving suitable grades and meeting any relevant visa requirements, you may elect to extend your studies for a second year as part of an MPhil, or apply for PhD study.
- Students who decide not to develop programming skills can change to the more general MSc in Information Technology (see page 95), after the first semester.

Compulsory modules

- Masters Core Skills
- Masters Programming Projects
- Object-Oriented Modelling, Design and Programming
- Principles of Computer Communication Systems
- Programming Principles and Practice

For detailed programme requirements, see: www.st-andrews.ac.uk/coursecatalogue/pg

Optional modules

See page 87 for Optional modules in Computer Science

Dissertation

Summer – 15,000-word Dissertation (MSc)

Delivered by Computer Science – see page 33

Delivered by Chemistry – see page 33

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
Data-Intensive Analysis (MSc / MPhil)

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

Compulsory modules

- Advanced Data Analysis
- Computing in Statistics
- Data Analysis
- Knowledge Discovery & Data Mining
- Statistical Modelling
- And two from:
  - Data-Intensive Systems
  - Information Visualisation and Visual Analytics
  - Masters Programming Projects
  - Object-Oriented Modelling, Design and Programming
  - Programming Principles and Practice

For detailed programme requirements, see:
www.st-andrews.ac.uk/coursecatalogue/pg

Dissertation

Summer – 15,000 word Dissertation (MSc)

Delivered by Computer Science (page 33) and Mathematics & Statistics (page 43)

Optional modules

- Advanced Networks
- Artificial Intelligence Principles
- Software Engineering Principles

See page 87 for Optional modules in Computer Science

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

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

Compulsory modules

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

Optional modules

- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Dissertation

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

We have a dedicated developmental psychology laboratory for testing children and there are also facilities for testing adults in tasks related to evolutionary psychology.
Summer (submission in August) - 15,000-word Dissertation. Dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process.

Delivered by Psychology & Neuroscience – see page 48

Geochemistry (MSc)

- Develops a broad knowledge and skills training in geochemistry and modern geochemical methods, involving field sampling techniques, hands-on laboratory training and experience with state-of-the-art equipment.
- Provides preparation for pursuing a PhD, through a lab-based research dissertation, or direct employment in industry through the incorporation of applied economic and environmental geochemistry modules and the potential for industry-sponsored/hosted 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.

Compulsory modules

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

Optional modules

- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
- Advanced Petrogenesis
- Advanced Physical Inorganic Chemistry
- Biogeochemistry
- Blockbuster Solids
- Energy Conversion and Storage
- Homogeneous Catalysis
- Hydrothermal Ore Deposits
- Magmatic-related Ore Deposits
- Mineral Exploration
- Processing of Materials
- Water in the Environment

Research Project

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

Delivered by Earth & Environmental Sciences (page 35) and Chemistry (page 31)
Global Health Implementation (MSc)

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

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

Dissertation
Relevant university staff will supervise dissertation projects.

Delivered by Medicine (page 44) with input from Management (page 42), Geography & Sustainable Development (page 39) and International Relations (page 47).

Health Psychology (MSc)

- Starts you 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: www.bps.org.uk
- Aimed at graduate psychologists who wish to apply theoretical knowledge from their initial degree into a qualification that can launch them into a career in health psychology working for a health care provider, or into health-related research.
- 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.
- The course covers all topics required in the recommended curriculum, utilising a variety of novel methods of teaching and assessment.
- Provides you with the statistical and methodological skills necessary to undertake research in health psychology.
- Upon successful completion, you will be equipped with the necessary skills to embark on your Stage 2 training or to facilitate research at MPhil or PhD level.

Compulsory modules
Compulsory single semester modules:
Biological Systems and Developments Health Information, Prevention and Decision Making Methods of Data Analysis in Psychology Quality of Life, Communication and Chronic Illness Theories of Health Psychology and Behaviour Change Compulsory whole year modules:
Generic Research and Professional Skills in Psychology Research Project in Health Psychology (Dissertation)

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

Delivered by Medicine (page 44) and Psychology & Neuroscience (page 48). Further information: http://medicine.st-andrews.ac.uk/teaching/msc-health-psychology

Human Computer Interaction (MSc / MPhil)

- Provides you with the tools, knowledge and skills to work in the areas of user experience (UX), usability, information visualisation, human factors in computing systems, and human computer interaction research.
- Develop communication and teamwork skills through group work, presentations and written work.
- Twenty-four hour access to excellent modern laboratories, provisioned with dual-screen PC workstations and group working facilities.
- The School has 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.
- Subject to achieving suitable grades and meeting any relevant visa requirements, you may elect to extend your studies for a second year as part of an MPhil, or apply for PhD study.
- Students who want flexibility can switch after the first semester to the MSc in Advanced Computer Science (see page 87) or the MSc in Information Technology (see next entry).

Compulsory modules
Human Computer Interaction Principles and Methods Interactive Software and Hardware Masters Core Skills Object-Oriented Modelling, Design and Programming And one or both of:
Information Visualisation and Visual Analytics User-Centred Interaction Design

For detailed programme requirements, see: www.st-andrews.ac.uk/coursescatalogue/pg

Optional modules
See page 87 for Optional modules in Computer Science

Dissertation
Summer – 15,000-word Dissertation (MSc)
Delivered by Computer Science – see page 33

Information Technology (MSc / MPhil)

- Develops critical understanding of the issues associated with using information technology systems and their impact on business processes and project management.
- Our most flexible MSc course, which offers you a wide choice of modules covering many aspects of information technology, including key business practices. It complements our more specialised MSc in Computing and Information Technology programme (see page 91).
- Undertake a significant project including a wide-ranging investigation leading to your dissertation, consolidating and extending your specialist knowledge and critical thinking.
- Develop communication and teamwork skills through group work, presentations and written work.
- You will have 24-hour access to excellent modern laboratories, provisioned with modern dual-screen PC workstations and group working facilities.
- Subject to achieving sufficiently high grades in the modules taken as part of the MSc, and meeting any relevant visa requirements, you may elect to extend your studies for a second year and complete the MPhil in Information Technology.

Compulsory module
Masters Core Skills
For detailed programme requirements, see: www.st-andrews.ac.uk/coursescatalogue/pg

Optional modules
See page 87 for Optional modules in Computer Science

Dissertation
Summer – 15,000-word Dissertation (MSc)
Delivered by Computer Science – see page 33
Science and Medicine

Marine Mammal Science (MSc)

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

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

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

Dissertation

- All year – research proposal, poster presentation, 15,000-word Dissertation

Delivered by Biology – see page 30

Mathematics (MSc)

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

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

- Advanced Analytical Techniques
- Advanced Bayesian Inference
- Advanced Combinatorics
- Advanced Computational Techniques
- Advanced Data Analysis
- Advanced Fluid Dynamics
- Advanced Solar Theory
- Advanced Symbolic Computation
- Applied Multivariate Analysis
- Data Analysis
- Estimating Animal Abundance
- Genes Theory
- Independent Study Module
- Knowledge Discovery and Datamining
- Mathematical Biology 2
- Measure and Probability Theory
- Professional Skills for Mathematical Scientists
- Statistical Modelling
- Topics in Geometry and Analysis
- Topics in Groups

Dissertation

- Summer – 15,000-word Dissertation

Delivered by Mathematics & Statistics – see page 43

Mineral Resources (MSc)

- Provides specific and focused training in the field of mineral resources.
- 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’ awareness of best practice in environmental protection and sustainable resource exploration.
- Develops students’ intellectual reasoning and research skills, independent learning and working in teams.
- Exposes students to career opportunities in mineral resources (industry, agencies, consultancy and PhD research).

Compulsory modules

- Mineral Resources (MSc)
- Provides specific and focused training in the field of mineral resources.
- 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’ awareness of best practice in environmental protection and sustainable resource exploration.
- Develops students’ intellectual reasoning and research skills, independent learning and working in teams.
- Exposes students to career opportunities in mineral resources (industry, agencies, consultancy and PhD research).

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

- 3D Geological Modelling
- Advanced Petrogenesis
- Applied Geological Mapping
- Geodynamics
- GIS and Spatial Analysis for Earth Scientists
- Hydrothermal Ore Deposits
- Magmatic-related Ore Deposits
- Mineral Exploration

Project

Research Project

Delivered by Earth & Environmental Sciences – see page 35, in collaboration with other institutions

Neuroscience (MRes)

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

Compulsory modules

- Neuroscience Research Design Reading Party
- Techniques and Skills in Neuroscience Research

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development. Optional modules offered may vary. For details contact: pgsecpsych@st-andrews.ac.uk

- Advanced Microscopy and Image Analysis – Seeing is Believing
- Behavioural Neuroscience
- Biology and Behaviour of Social Insects
- Evolutionary Developmental Biology
- Evolutionary and Human Behaviour
- Introduction to Neuroscience
- Mechanisms of Behaviour: Integrating Psychological and Neuroscience Perspectives
- Molecular Mechanisms of Membrane Trafficking
- Motorneurons: From Physiology to Pathology
- Neural Basis of Episode: Memory
- Neurodegeneration and Ageing
- Neuroethology
- Neuromodulation
- Research Methods in Cognitive Neuroscience
- Synaptic Transmission
- Vision: From Neurons to Awareness

Dissertation

Data-based 15,000-word Dissertation

Delivered by Psychology & Neuroscience – see page 48
Science and Medicine

Oil and Gas Innovation (MSc)

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

Compulsory modules

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

Optional modules – choose one

- Advanced Geochemistry
- Biogeochemistry
- Geochemistry
- Geodynamics
- Isotope Geochemistry
- Mineral Exploration
- Petroleum Exploration and Geophysics

Project

- Project in Oil and Gas Innovation

Delivered by Earth & Environmental Sciences (page 35), in collaboration with other institutions.

Photonic and Optoelectronic Devices (MSc)

- Postgraduate vocational training in lasers, optics, and semiconductors tailored to the needs of those seeking to enter photonics-based industry and university research. You will benefit from classes using the expertise at St Andrews and Heriot-Watt universities, followed by a 3.5 month project, often with a UK photonics company.
- Aimed at graduates in physics or electrical engineering who seek postgraduate education in photonics to enhance their opportunities in industry/commerce or in PhD research in photonics.
- Tailored to balance fundamental understanding with industrial relevance.
- You gain an understanding of the fundamental properties of optoelectronic materials and devices with vocational training in modern optics, laser physics and semiconductor physics. You also gain practical experience in the operation of a wide range of laser devices and optoelectronic technologies.
- You develop an appreciation of the widespread practical applications of coherent light sources in communications, material processing and testing, optical processing, medical treatments and diagnostics, and environmental monitoring.
- The industrial project placement occupies 12-14 weeks from late May to August and is assessed in September after the submission of a dissertation.
- The admissions process will be run by the University of St Andrews for 2018 entry.

Compassory modules

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

- Display and Nonlinear Optics
- Laser Physics
- Photonics Laboratory
- One photonics application (e.g. Biophotonics, Applications of Quantum Physics, Nanophotonics)

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

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

Dissertation

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

Delivered by Physics & Astronomy (page 47) and Heriot-Watt University

Psychology (MSc - Conversion)

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

Compulsory modules

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

Dissertation

- You will undertake a significant piece of independent research as part of your final assessment.
- Dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by a date specified in August.

Delivered by Psychology & Neuroscience – see page 48

Research Methods in Psychology (MSc)

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

Compulsory modules

- Generic Research and Professional Skills in Psychology
- Methods of Data Analysis in Psychology
- Philosophy and Methodology of the Social Sciences
- Quantitative Methods in Social Research
- Quantitative Research in Social Science

Optional modules

- Computer-Aided Research
- Being a Social Scientist
- Methodologies for Psychology and Neuroscience

Dissertation

- You will undertake a significant piece of independent research as part of your final assessment.
- Dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by a date specified in August.

Delivered by Psychology & Neuroscience – see page 48
Science and Medicine

Inertebreates
Aquaculture and Fisheries
Biology for Aquaculture – Invertebrates
Health and Disease – Invertebrates
Nutrition – Invertebrates

Vettebrates
Aquaculture and Fisheries
Biology for Aquaculture – Vettebrates
Health and Disease – Vettebrates
Nutrition – Vettebrates

Optional modules
Advanced Welfare and Ethics
Breeden and Genetics
Larval Rearing
Omnamental and Aquasue Production
Recirculation Aquaculture Systems

Dissertation
15,000-word Dissertation (MSc)
Delivered by Biology (page 30), in collaboration with 5m Publishing, owners of thefishsite.com

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

Nutrition – Vettebrates

Delivered by Biology (page 30), in collaboration with 5m Publishing, owners of thefishsite.com
Social Science

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).

Social Science

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

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

Compulsory modules

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

Delivered by Psychology & Neuroscience – see page 48

MSc Dissertation

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

Delivered by Psychology & Neuroscience – see page 48

Return to Themes
Anthropology, Art and Perception (MRes)

- Provides training for postgraduate research into the anthropology of art, material culture and visual expression.
- Aimed at those with a background in social anthropology or in art and design but with an interest in developing an anthropological project.
- Masters training for postgraduate research into the Anthropology of Art, Material Culture and Visual Expression.
- Explore new ways of thinking anthropologically, providing you with important, cutting-edge research tools for future research.
- 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 field work and contemporary art practice.

Dissertation

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

Delivered by Social Anthropology – see page 49

Economic and Social History (MSc)

- This interdisciplinary programme offers training in the research methods required for higher-level research in 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 of your chosen specialist period, and enhance your ability to engage in such debates.
- The programme will develop appropriate research, quantitative and other skills, through taught modules and a supervised dissertation.
- You will receive training in the use of libraries, appropriate databases (electronic and otherwise), archives or other source-appropriate repositories.
- Our innovative History in Practice modules offer essential training in the communication of your research to academic and non-academic audiences.
- Your chosen research area is expected to provide training for PhD-level study.

Compulsory modules

- Being a Social Scientist
- History in Practice (1 & 2)
- Philosophy and Methodology of the Social Sciences
- Qualitative Methods in Social Science
- Quantitative Methods in Social Science

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Choose one of the following:

- Global Themes – Plural Spaces (1 & 2)
- History in the Making (1 & 2)
- Sources and Source Criticism (1 & 2)
- The Idea of Law + AND + Comparative Studies in Legal and Constitutional Research

Dissertation

Summer – 15,000-word Dissertation

Delivered by English Language Teaching

Delivered by Geography & Sustainable Development (page 39) and History (page 48)

English Language Teaching (MLIT)

- This one-year full-time postgraduate programme aims to provide you with a strong grounding in critical understanding of the theory and practice of English language teaching.
- Designed to be useful to experienced English language teachers as well as those considering English language teaching as a future career, the course explores key concepts, approaches and methods relating to the learning and teaching of English language.
- Modules in applied linguistics, theoretical approaches to language acquisition and the variety of global contexts for English language teaching are studied in the first semester and considered in relation to classroom observations and practice in the second semester.
- You will gain an in-depth understanding of the theory of second language acquisition and current thinking on language teaching methodology.
- You will have an opportunity to observe a variety of language classes and reflect on your own teaching practice and learning contexts.
- You will explore current teaching technologies and the classroom use of digital and electronic resources.
- You will consider the variety and complexity of English language teaching contexts worldwide.
- Experience small group teaching in a challenging but supportive environment.
- Be part of the student community in one of the UK’s most ancient and prestigious universities.

Compulsory modules

Assessment and Evaluation
- English for Academic Purposes
- Language Teaching Methodology
- Linguistics for Language Teachers
- Research Methods in English Language Teaching
- Teaching Young Learners
- The Context of English Language Teaching
- The Language Learner

Dissertation

Summer – 15,000-word Dissertation

Delivered by English Language Teaching

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

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

Compulsory modules

Empirical Approaches to the Evolution of Communication
- Principal Approaches to the Origins of Mind
- Origins of Human Cognition

Methods of Data Analysis in Psychology

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Evolution and Development of Social and Technical Intelligence
- Generic Research and Professional Skills in Psychology

Mechanisms of Behaviour: integrating psychological and neuroscience perspectives
- Evolutionary and Comparative Psychology

Methodologies for Psychology and Neuroscience
- Origins and Evolution of Mind Reading

Review – Approaches to the Study of Mind

Dissertation

You will undertake a significant piece of independent research as part of your final assessment. In the past students have had the opportunity to perform fieldwork at:

- Living Links Centre and Budongo Trail in Edinburgh Zoo
- Wolfgang Kohler Primate Research Center in Leipzig
- Budongo Conservation Field Station in Uganda
- Tai Monkey Project in Ivory Coast
- Inkawu Vervet Project in South Africa

We have a dedicated developmental psychology laboratory for testing children and there are also facilities for testing adults in tasks related to evolutionary psychology.

Summer (submission in August) – 15,000-word Dissertation. Dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process.

Delivered by Psychology & Neuroscience – see page 48
Global Health Implementation (MSc)

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

Compulsory modules

- Evidence Synthesis for Global Health Policy, Programmation, and Practice Globalisation and Health
- Inequality and Inequity in Global Health
- Issues in Global Health Implementation Science
- Qualitative Methods in Social Science
- Quantitative Methods in Social Research
- Ten Global Health Problems

Dissertation

Relevant university staff will supervise dissertation projects.

Delivered by Medicine (page 44) with input from Management (page 42), Geography & Sustainable Development (page 39) and International Relations (page 41) and International Business (page 44)

Health Psychology (MSc)

- Starts you 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: www.bps.org.uk
- Aimed at graduate psychologists who wish to apply theoretical knowledge from their initial degree into a qualification that can launch them into a career of health psychology working for a health care provider, or into health-related research.
- 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.
- The course covers all topics required in the recommended curriculum, utilising a variety of novel methods of teaching and assessment.
- Provides you with the statistical and methodological skills necessary to undertake research in health psychology.
- Upon successful completion, you will be equipped with the necessary skills to embark on your Stage 2 training or to facilitate research at MPhil or PhD level.

Compulsory modules

- Compulsory single semester modules:
  - Biological Systems and Developments
  - Health Information, Prevention and Decision Making
  - Methods of Data Analysis in Psychology
  - Quality of Life, Communication and Chronic Illness
  - Theories of Health Psychology and Behaviour Change
- Compulsory whole year modules:
  - Generic Research and Professional Skills in Psychology
  - Research Project in Health Psychology (Dissertation)

Dissertation

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

Delivered by Medicine (page 44) and Psychology & Neuroscience (page 68). Further information: medicine.st-andrews.ac.uk/teaching/msc-health-psychology

Human Geography / Sustainable Development (MRes)

- This programme is only available to students who hold an offer of a place for PhD research in Human Geography or Sustainable Development.

Compulsory modules

- Advanced Social Science Research Training 1: Reviewing, Conceptualising, Framing
- Advanced Social Science Research Training 2: Designing, Planning, Implementing
- Being a Social Scientist
- Philosophy and Methodology of the Social Sciences
- Quantitative Research in Social Science
- Qualitative Methods in Social Research

Dissertation

Summer – Research Dissertation

Delivered by Geography & Sustainable Development – see page 39

International Political Theory (MLitt / MPhil)

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

Compulsory modules

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

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Agency and Strategy in Non-Western Political Thought

Global Constitutionalism

Reason of State

Topics in International Political Thought

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

Dissertation

Summer – 15,000-word Dissertation (MLitt)

Delivered by International Relations – see page 41
International Security Studies (MLitt / MPhil)

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

Compulsory modules

International Security
Critical Security Studies

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

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

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

Dissertation

Summer – 15,000-word Dissertation (MLitt)

Delivered by International Relations – see page 41

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).

Legal and Constitutional Studies (MLitt / PG Dip)

- You can construct an individually tailored degree with a primary focus in legal history, or in global/international law, or you can pursue an integrated, interdisciplinary, degree.
- Suitable for those intending to go on to doctoral research and for those wishing only to take a year’s specialist study.
- Innovative integration of the legal and the constitutional, the contemporary and the historical.
- Opportunity to work on an individual and small-group basis with internationally leading scholars in the fields of legal, constitutional and historical research.
- Fosters analytical expertise and the development of independent research skills.
- Participation in a very large and lively community of postgraduate students of History and of International Relations.
- The Institute of Legal and Constitutional Research 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.

Compulsory modules

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

The following modules may be subject to a maximum number of participants (students will be asked to indicate their first and second choices).

Approaches to Legal History • OR • Approaches to International Law
Comparative Studies in Legal History • OR • Global Constitutionalism

Optional modules

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Latin for Medieval Studies (1 & 2)
Sources and Source Criticism

Special Topic in Legal and Constitutional History 1 (tailored individual course of study)

Dissertation

Summer – 15,000-word Dissertation (MLitt)

Delivered by History (page 40) and International Relations (page 41)

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).

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

- Provides you with an advanced grounding in the security dynamics of three fascinating and turbulent regions of the Middle East, Caucasus and Central Asia, combining insights from politics, economics and culture.
- Aimed at professionals who have familiarity with the regions and for students seeking expertise in these regions.
- An opportunity for language study in Arabic, Persian, or Russian. In most years a study trip to either Central Asia or the Middle East is conducted. These trips are contingent on staff availability and conditions on the ground and are funded by participating students.
- The MECACS Institute houses research programmes on ‘Post-Soviet Tensions’ and ‘Around the Caspian’, as well as the Centre for Syrian Studies and is associated with the Institute of Iranian Studies. Our teaching is therefore deeply informed with real world experience given that we are able to bring practitioners and outsider experts regularly to the programme.

Compulsory module

Middle East, Caucasus and Central Asian Security Studies

Optional modules

You pick three options but at least one must be in each of the two, Middle East and Central Asia/Caucasus (unless you take language modules). Optional modules require a minimum number of participants to be offered and are chosen primarily from the following list (not all options run every year – see page 9 on Curriculum development).

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

Dissertation

Summer – 15,000-word Dissertation (MLitt)

Delivered by International Relations – see page 41

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
A part-time qualification which focuses on the practical application of psychological theory in dementia care and is intended for professional care staff and management who provide services to people with dementia.

Addresses core themes in dementia care viewed from a psychological perspective. There is a well-documented lack of evidence-based information available to those who administer or oversee the care of individuals with dementia. Furthermore, little information is provided to care givers on the impact of caring on their own mental and physical health.

Provides you with a theoretical background to the psychology of dementia care. You will be encouraged to question current practice and to apply psychological theory to your own working situation. As a result you will attain a new theoretical understanding of dementia care.

The programme consists of three modules (listed below). You can opt to enrol on one, two or three modules. To obtain the Postgraduate Certificate all three modules must be passed.

- Graduates from the distance learning programme entered or continued their work in a variety of occupations, including:
  - clinical services development manager
  - community care officer
  - deputy nurse manager
  - occupational therapist
  - podiatrist
  - speech and language therapist
  - senior social worker
  - dentist

Delivered by Psychology & Neuroscience – see page 48

You will undertake a significant piece of independent research as part of your final assessment.

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

Delivered by Psychology & Neuroscience – see page 48

Research Methods in Psychology (MSC)

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

Compulsory modules
-Generic Research and Professional Skills in Psychology
-Philosophy and Methodology of the Social Sciences
-Methods of Data Analysis in Psychology
-Generic Research and Professional Skills in Social Research
-Quantitative Research in Social Science

Optional modules
-Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
-You must choose one Optional module:
  - Being a Social Scientist
  - Computer-Aided Research Methodologies for Psychology and Neuroscience

Dissertation

You will undertake a significant piece of independent research as part of your final assessment.

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

Delivered by Psychology & Neuroscience – see page 48

Social Anthropology (MRes / MPhil)

- Provides a general introduction and firm foundation in the methods and methodologies of social anthropology and the human sciences, to serve as a basis for knowledgeable and skilled research in social anthropology.
- Aimed at those either with an undergraduate background in social anthropology or with an interest in developing an anthropological approach and an anthropological research profile.
- Combines opportunities for theoretical development and specialist interests, with training in research methodologies.
- 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.

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

Core Social Science training modules* (OR)
- Being a Social Scientist: Skills, Processes and Outcomes
- Philosophy and Methodology of the Social Sciences
- Qualitative Methods in Social Research
- Quantitative Research in Social Science

* Required for ESRC recognition – optional without ESRC recognition

Optional modules
-Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
- Anthropology, Art and Perception 1 + OR + Anthropology, Art and Perception 2
- Anthropology of Pacific 1 + OR + Anthropology of Pacific 2
- Special Subject (Armenian Studies)
- You may substitute up to 30 credits from undergraduate Social Anthropology modules, with the approval of the course coordinator.

Dissertation

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

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

Delivered by Social Anthropology – see page 49
Social Anthropology with Pacific Studies (MRes)

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

**Compulsory modules**

- Anthropology of the Pacific 1
- Anthropology of the Pacific 2

**Research Methods in Social Anthropology**

- The Anthropology of Connections: Interdisciplinarity as Methodology

**Optional modules**

- You may substitute up to 30 credits from undergraduate Social Anthropology modules, with the approval of the course coordinator.
- Summer (submission in August) – 15,000-word Dissertation

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

Delivered by Social Anthropology – see page 49

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**Strategic Studies (MLitt)**

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

**Compulsory modules**

- Modern War and Strategy
- Strategic Thought

**Optional modules**

- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
- Choose two from the range available, for example:
  - Conflict and Peace in Post-Communist Eurasia
  - Conflicts, Security and Democracy in the Greater Caucasus
  - Foreign Policy Analysis
  - Gender and Terrorism
  - Identity and Collective Violence
  - Ideologies and Social Movements in the Middle East
  - Political Economy of Conflict
  - Political Order and Violence in the Middle East
  - Political Philosophy and World Order
  - Religion and International Politics
  - Security and Conflict in Africa
  - Social Movements, Revolutions and Authoritarianism in North Africa
  - Strategic Studies
  - Terrorism and Liberal Democracy
  - The Evolution of United Nations Peacekeeping
  - Topics in International Political Thought: Hannah Arendt

**Dissertation**

- Summer – 15,000-word Dissertation

Delivered by International Relations – see page 41

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**Sustainable Development (MSc / PG Cert / PG Dip)**

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

**Compulsory modules**

- Interrogating Sustainable Development
- Introduction to Global Environmental Change
- Master Class in Sustainable Development
- Advanced Study in Sustainable Development

**Optional modules**

- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
- Modules are available within the School (see below) and, with permission, from other Schools.
- Being a Social Scientist
- Development and Environment Economics for the Environment
- Geographic Information Systems for Environmental Management
- Geographic Information Systems for Social Research
- Global Climate Change
- Introduction to Geographic Information Science
- Philosophy and Methodology of the Social Sciences
- Qualitative Methods in Social Research
- Quantitative Research in Social Science

**Summer Project**

- Advanced Study in Sustainable Development

Delivered by Geography & Sustainable Development – see page 39
Social Science

Sustainable Development and Energy (MSc)

- This double Masters takes place in both Scotland and Russia. The first year in St Andrews focuses on sustainable development, the second year at the Moscow State Institution of International Relations (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.
- You are placed in internships at an energy company in Moscow during your second year.

Year 1 – St Andrews – Compulsory modules

- Interrogating Sustainable Development
- Master Class in Sustainable Development

Optional modules

- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
- Modules are available within the School (see below) and, with permission, from other Schools.
- Being a Social Scientist
- Development and Environment
- Economics for the Environment
- Global Climate Change
- Introduction to Geographic Information Science
- Philosophy and Methodology of the Social Sciences
- Qualitative Methods in Social Research
- Quantitative Research in Social Science

Summer project

- Advanced Study in Sustainable Development

Year 2 – MGIMO – Compulsory modules

- Economics for the Environment
- Global Climate Change
- Introduction to Geographic Information Science
- Philosophy and Methodology of the Social Sciences
- Qualitative Methods in Social Research
- Quantitative Research in Social Science

Summer project

- Advanced Study in Sustainable Development

Sustainable Development and Environmental Economics (MSc)

- Open to those with a range of backgrounds (e.g. economics, mathematics, geography, politics).
- Offers additional training and research opportunities in the field of environmental economics for those interested in making a change to society, environment and economy.
- Interdisciplinary teaching provides multiple perspectives.
- 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.
- Students taking core Sustainable Development modules have a number of targeted field trips every year at no extra cost.

Compulsory modules

- Development and Environment
- Economics for the Environment
- Interrogating Sustainable Development
- Introduction to Global Environmental Change
- Master Class in Sustainable Development
- Public Policy and the Environment

Optional modules

- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
- Modules are available within the School (see below) and, with permission, from other Schools.
- Being a Social Scientist
- Development and Environment
- Global Climate Change
- Introduction to Geographic Information Science
- Philosophy and Methodology of the Social Sciences
- Qualitative Methods in Social Research
- Quantitative Research in Social Science

Summer project

- Advanced Study in Sustainable Development

Terrorism and Political Violence (MLitt)

- Seeks to develop in students a critical understanding of the concept of terrorism and political violence within the context of a multidisciplinary approach to security studies.
- Aims at individuals with either an interest or experience in the field of counterterrorism, risk, insurance and government.
- Offers multidisciplinary perspectives on terrorism and political violence.
- Provides significant research methods training.
- Introduces you to critical assessments of terrorist incidents and behaviour.
- Examines selected approaches to knowledge generation around terrorism and counterterrorism and considers the development of new responses to terrorism and political violence.
- Graduates go on to work in various professional fields including law, policy research and consultancy, NGOs, charities, international organisations, civil service and publishing.

Compulsory modules

- Fundamental Issues and Structures of Terrorism
- Research Methods

Optional modules

- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.
- Modules are available within the School (see below) and, with permission, from other Schools.
- Being a Social Scientist
- Global Climate Change
- Introduction to Geographic Information Science
- Philosophy and Methodology of the Social Sciences
- Qualitative Methods in Social Research
- Quantitative Research in Social Science

Summer project

- Advanced Study in Sustainable Development

Delivered by International Relations (page 41) and The Handa Centre for the Study of Terrorism and Political Violence – www.st-andrews.ac.uk/~cstpv

Dissertation

- 15,000-word Dissertation
- Delivered by International Relations (page 41) and The Handa Centre for the Study of Terrorism and Political Violence – www.st-andrews.ac.uk/~cstpv

Distance Learning

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

Compulsory modules

- Distance Learning Electives
- Fundamental Issues and Structures of Terrorism
- Research Methods

State Responses to Terrorism

Dissertation

- 15,000-word Dissertation (MLitt)
- Delivered by International Relations (page 41) and The Handa Centre for the Study of Terrorism and Political Violence – www.st-andrews.ac.uk/~cstpv

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).

Conservation Studies (MSc)
- The programme offers a multidisciplinary approach to conservation studies.
- Gain a scientific understanding of data collection and analysis and engage with policy and governance issues relating to conservation at different scales.
- Explore conflicts between different agencies, conservationists, government and industry.
- Complete a practically oriented summer project as part of your assessment.
- Specialist options are delivered by colleagues from Biology, Classics, Earth & Environmental Sciences, Geography & Sustainable Development, History, Mathematics & Statistics, Philosophy, Social Anthropology.

Compulsory modules
Conservation Case Studies
What is Conservation?

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development. We recommend you choose at least one of the following:
Geographic Information Systems for Environmental Management
Statistical Modelling
Also choose from:
Economics for the Environment
Environmental History: Nature and the Western World (1800 - 2000)
Estimating Animal Abundance
Fisheries Research
Predator Ecology in Polar Ecosystems – A Field Course in Antarctica
Public Policy and Environment
Further new modules are in the pipeline and will also be available.

Dissertation
Summer – Research Project
Delivered by the Graduate School – see page 5

Contemporary Studies (MLitt)
- The programme explores how issues deemed to be ‘contemporary’ are approached differently by a broad range of academic disciplines: Arts, Social Science and Science. How, for instance, might a specialist in English literature, an economist and a biologist approach global warming or migration? How might an art historian, a geologist and a computer scientist address the Anthropocene, or twenty-first-century concepts of time?
- Learn how to think beyond the concepts, theories and methodologies of single academic disciplines and thus approach problems and topics from new perspectives.
- Short term placements promote engagement and communication outwith academia and contribute new perspectives on what is meant by ‘contemporary’.
- Pathways allow for diversification or greater specialisation.
- Broad portfolio of assessment and skills training suited to further study or the workplace.
- Specialist options are delivered by colleagues from Art History, Biology, Classics, Earth & Environmental Sciences, Economics, English, Film Studies, Management, Modern Languages and Comparative Literature, Music Centre, Physics, Psychology, Social Anthropology.

Compulsory modules
Being Contemporary: Knowledge, Methodology, Skills (1 & 2)
Contextualising the Contemporary

Optional modules
Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development. The list is indicative only and other modules will also be available.
Contemporary Art and the Ethics of Fieldwork
Contemporary Conceptual Issues in Management Economics of Migration
Greek (or Roman) History and Material Culture
Green Information Technology
Postcolonial and World Literatures
Social Psychology

Dissertation or project
Summer – Dissertation or project
Delivered by the Graduate School – see page 5

Module titles listed are illustrative and may be subject to change (see Curriculum development page 9).
Interdisciplinary

**Economic and Social History (MSC)**
- This interdisciplinary programme offers training in the research methods required for higher-level research in social and economic history.
- 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 of your chosen specialist period, and enhance your ability to engage in such debates.
- The programme will develop appropriate research, quantitative and other skills, through taught modules and a supervised dissertation.
- You will receive training in the use of libraries, appropriate databases (electronic and otherwise), archives or other source appropriate repositories.
- Our innovative History in Practice modules offer essential training in the communication of your research to academic and non-academic audiences.
- Your chosen research area is expected to provide training for PhD-level study.

**Compulsory modules**
- Being a Social Scientist
- History in Practice (1 & 2)
- Philosophy and Methodology of the Social Sciences
- Quantitative Methods in Social Science
- Quantitative Methods in Social Science

**Optional modules**
- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Choose one of the following:
- Global Themes – Plural Spaces (1 & 2)
- History in the Making (1 & 2)
- Sources and Source Criticism (1 & 2)
- The Idea of Law * AND * Comparative Studies in Legal and Constitutional Research

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

Delivered by Geography & Sustainable Development (page 39) and History (page 40)

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

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

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

Delivered by Divinity (page 34), English (page 37), History (page 40), International Relations (page 41), and Philosophy (page 46)

**International Development Practice (MSC)**
- The programme provides training in both theoretical and practical aspects of international development work.
- Targeted to those intending to follow a career in this area.
- Includes substantial introduction to quantitative and qualitative data methods for assessing and understanding the effectiveness of development projects.
- This programme draws elements from anthropology, economics, international relations, medicine, modern languages and statistics.

**Compulsory modules**
- International Development Studies
- Qualitative Methods in Social Research
- Quantitative Research in Social Science
- Working in International Development

**Optional modules**
- Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

**Management and Information Technology (MSC / PG Dip)**
- Provides you with the knowledge needed to manage the information and communication technologies that underpin all successful business practice.
- Combines the skills and experience of leading academics from the Schools of Management and Computer Science.
- Accredited by the Chartered Management Institute.
- You develop your communication and teamwork skills through group work, presentations and written work.
- You will undertake a significant project leading to your dissertation, which enables you to consolidate and extend your specialist knowledge, practical skills and critical thinking.
- Twenty-four hour access to excellent modern laboratories, provisioned with dual-screen PC workstations and group working facilities.
- Subject to achieving suitable grades and meeting any relevant visa requirements, you may elect to extend your studies for a second year as part of an MPhil in Information Technology with Management or apply for PhD study.

**Compulsory modules**
- Masters Core Skills
- And two of:
  - Corporate Finance and Accounting
  - Managing Human Resources
  - Marketing: Principles and Practice
  - Strategic Management

For detailed programme requirements, see: www.st-andrews.ac.uk/coursecatalogue/pg

**Optional modules**
- You will take one Optional Management module. You also choose Optional modules from a range available in Computer Science, see page 87.

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

Delivered by the Graduate School – see page 5

Delivered by Computer Science (page 33) and Management (page 42)
Strategic Studies (MLitt)

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

**Compulsory modules**

**Modern War and Strategy**

**Strategic Thought**

**Optional modules**

Optional modules require a minimum number of participants to be offered. See page 9 on Curriculum development.

Choose two from the range available, for example:

- Conflict and Peace in Post-Communist Eurasia
- Foreign Policy Analysis
- Gender and Terrorism
- Identity and Collective Violence
- Political Economy of Conflict
- Political Order and Violence in the Middle East
- Political Philosophy and World Order
- Security and Conflict in Africa
- Social Movements, Revolutions and Authoritarianism in North Africa
- Strategic Studies
- Terrorism and Liberal Democracy
- The Evolution of United Nations Peacekeeping
- Topics in International Political Thought: Hannah Arendt

**Dissertation**

Summer – 15,000-word Dissertation

Delivered by International Relations – see page 41
<table>
<thead>
<tr>
<th>Programme Name</th>
<th>School/Department</th>
<th>Fee 2016-2017</th>
<th>Fee 2017-2018</th>
<th>Fee 2018-2019</th>
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</table>
From Fife Park (1) to the Scottish Oceans Institute (82), 40 minutes walking pace,
Travelling to St Andrews

**Bus / Coach**

St Andrews bus station is very close to the centre of town. Timetables can be accessed from: www.travelinescotland.com

**Rail**

The nearest train station is Leuchars (5 miles from St Andrews) on the main line from London (King's Cross) – Edinburgh – Aberdeen. Timetables and an online route planner can be found at: www.travelinescotland.com

There are buses running regularly (every 10 minutes) from Leuchars train station into St Andrews. Taxis are also available at the station.

**Road**

See sketch map

(a) From south, cross Forth Road Bridge and proceed north along M90 to junction 3. Follow the A92 until just before Cupar, then join the A91 to St Andrews or on M90 continue to junction 8, then by A91 to St Andrews.

(b) From south-west, either go east along M8 to Forth Road Bridge and then by route (a), or by Clackmannanshire Bridge and A977 towards Kinross, joining M90 at junction 6 and exit at junction 8 as above.

(c) From north-west leave Perth on M90 to junction 9 then by A913 to Cupar and St Andrews.

(d) From north via Dundee, cross Tay Road Bridge on A92 and after 1 mile via A919 to Leuchars and A91 to St Andrews.

Specific driving directions can be obtained from: www.google.co.uk/maps

**Air**

The nearest airports are Edinburgh (EDI) and Dundee (DND). More information on flights and connections at: www.skyscanner.net

**Parking**

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

**Overnight accommodation**

The Tourist Information Office has lists of approved accommodation in the area. They will be able to reserve accommodation for you as well as offering ideas of where to go, what to see and, of course, the best ways of getting there. There are plenty of hotels, guest houses and bed & breakfasts in the town/area to suit most tastes and budgets.

St Andrews Tourist Information Office
70 Market Street, St Andrews
T: +44 (0)1334 472021
E: standrews@visitscotland.com
W: www.visitstandrews.com

Outwith semesters, you may be able to stay in University managed accommodation. For more information, contact Residential & Business Services

T: +44 (0)1334 462000
W: ace.st-andrews.ac.uk