At York you will be taught by academics whose cutting-edge research is inspiring and life-changing. They love what they do and they’ll share that with you.
WELCOME TO THE
University of York

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Come to one of our Open Days in 2015!
■ Friday 26 June
■ Saturday 27 June
■ Saturday 19 September
■ Monday 21 September
Please book your place at www.york.ac.uk/openday or telephone +44 (0)1904 323529

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10 GREAT REASONS to choose York

Russell Group
1. We are a dynamic research-intensive university and a member of the prestigious Russell Group.

Research-led teaching
2. You’ll be taught by academics who are passionate about their subject and leaders in their field of study.

Great career prospects
3. Nine out of ten of our students are employed or in further study just six months after graduation and we have a specialist careers team to give you a head start.

Global connections
4. We have teaching and exchange partnerships with some of the world’s best universities and there are numerous opportunities to study or work abroad.

College community
5. All our accommodation is on or near the campus and you’ll become a member of one of our eight undergraduate colleges which gives you an instant social life.

Beautiful campus
6. The University’s landscaped campus is not far from York city walls with some departments based in the city centre at King’s Manor.

Historic city
7. The medieval city of York is frequently voted one of the best places to live in the UK. It is brilliant for shopping and there is always something going on in the lively city centre.

Vibrant night life
8. You’ll have lots of choice for a night out from an array of bars, pubs and clubs to music venues, theatres and cinemas, all within walking distance of York city centre.

Central location
9. York is conveniently situated right in the centre of the UK, with excellent rail and motorway networks, and international airports within easy reach.

Best university experience
10. Voted Best University Experience in the International Student Choice category at the 2014 Whatuni Student Choice Awards.
Within easy reach of the University campus, the city of York offers you cafés, pubs and clubs, specialist boutiques and a wealth of cultural events in a beautiful historic setting.
Welcome to York

Since 1963 the University of York has powered its way to a consistently high ranking and after over 50 years of outstanding academic achievement, we are firmly established as one of the success stories in UK higher education. A member of the prestigious Russell Group, we are one of just six post–war universities to have appeared in the world top 100. Our first half-century is built on an ethos of inclusivity, equal opportunity and advancement for all, anchored by the highest standards of academic excellence.

The University of York makes an enormous impact worldwide, and we are immensely proud of the difference our staff, students and our 90,000 alumni make in almost every walk of life, in almost every country in the world. From small beginnings, with just 230 students based in the King’s Manor in York city centre, we are now home to more than 16,500 students from 120 countries spread across nine colleges. It is a dynamic success story and we would like you, as a prospective undergraduate student, to be part of it. This prospectus will tell you about our courses as well as the practicalities of student life at York. And if you have not already visited York, we would be happy to welcome you to one of our Open Days, or regular campus tours. During your visit, it is also worth taking time to explore the beautiful city of York, one of the UK’s top tourist destinations.

Campus life

Life for all of our students is centred at Heslington on the edge of the historic city of York, where our colleges are set in an attractive landscaped campus. It is compact, easy to get around, and has a safe, friendly atmosphere.

The new millennium signalled a period of rapid growth for York. Since 2000, the University has invested in over 20 new buildings, including teaching, research and accommodation blocks, and has completed the first phase of an ambitious £750m campus expansion. This stunning new development, Heslington East, includes four new departmental buildings, three colleges and a sports village. On the original campus there have been major improvements to academic buildings as well as the upgrading of teaching rooms, lecture theatres, IT facilities, laboratories, libraries, cultural, sports and social facilities and student accommodation.

The campus offers cafés, bars, shops, sports facilities, a health centre, theatres and concert halls all within easy walking distance. It is well connected, crisscrossed with cycle paths and served by a fast, frequent bus service to the city centre and our smaller central site, the beautiful medieval King’s Manor.

In term time there are major events each week, such as club nights, plays, shows and other society events covering almost every imaginable activity, from student-run choirs and sports tournaments to student radio and a TV station.

You’ll find a huge entertainment programme run through the Students’ Union venues, The Courtyard, The Glasshouse and The Lounge Bar, as well as the college bars.

Right at the heart of the campus in Market Square there is a bank, cash machines and a Students’ Union shop.
The journalist Jon Snow and historian Temi Odumosu are among the world-class speakers who give guest lectures at York.

Welcome to your college community
From the moment you arrive on campus, you will be welcomed as a member of one of our eight undergraduate colleges: Alcuin, Constantine, Derwent, Goodricke, Halifax, James, Langwith and Vanbrugh. The colleges offer a ready-made social network, 24/7 welfare support and leisure facilities all on hand – helping you to find your feet and settle in quickly. York is just one of a handful of universities in the UK with a collegiate structure and you will keep this affiliation throughout your time at York and after you graduate.

Many of the University’s cultural, academic and sporting events are organised by students through the elected Junior Common Room Committees, or equivalent, in every college. Together with the Students’ Union and the University, your college helps to organise a year-round programme of social and sporting events, as well as tours and orientation talks for new students.

Most colleges have over 1,000 undergraduate student members, both resident and non-resident. Many colleges are home to academic and departmental offices, seminar rooms and lecture theatres, providing an integrated environment for students and academic staff. For more details see pages 30–31 or visit www.york.ac.uk/colleges.

The Students’ Union
The University of York Students’ Union (YUSU) is a union run for, and by, the 16,500 students at the University of York. It provides a support network and a wide range of activities to ensure that all students have the opportunity to get the most out of their university experience.

YUSU co-ordinates sport and social societies, provides welfare support and volunteering opportunities, campaigns on issues decided by students, and organises entertainment on and off campus, working in partnership with the Junior Common Room committees in each college.

YUSU also runs the Advice and Support Centre (ASC) where you can drop in to get independent advice and support on a wide range of issues. For more information visit the website.

Students’ Union (YUSU)
Tel: +44 (0)1904 323724
Email: enquiries@yusu.org
Website: www.yusu.org

Student societies
YUSU has over 150 societies covering a diverse range of interests including media, politics, music, drama, dance, religion, film production and photography. We have our own TV and radio stations and a medieval re-enactment society. All these groups are entirely organised by and for students, so if nothing takes your fancy, you can always start your own.

Sport and fitness
York Sport Union has over 60 sports clubs, ranging from the more traditional sports of football and netball to the more unusual octopush and ultimate frisbee. There are opportunities to participate in college sport, and with 19 different sports on offer, you
are guaranteed to find one to suit you. We also have an array of activities for beginners who want to try a new sport.

The York Sport Union Performance Programme provides support for talented athletes and clubs. High-performance athletes can access and benefit from strength and conditioning, sport science workshops and physiotherapy.

**A brand-new way to keep fit**

The new £9m York Sport Village opened in 2012 marking a significant addition to our existing resources and creating some of the region’s most advanced sports and fitness facilities.

The Sport Village includes:
- an eight-lane 25-metre pool
- a four-lane 18-metre pool
- a 120-station fitness suite
- three dance and fitness studios offering over 70 classes a week
- a health suite with spa pool, steam room and sauna
- a 3G floodlit rubber-crumb pitch for football, lacrosse and rugby
- three floodlit 3G five-a-side pitches
- a 1km cycle circuit
- a 250m outdoor velodrome.

York Sport Village forms only part of our significant investment in sport across the whole campus. Other campus facilities include a floodlit artificial pitch for hockey and football; tennis and netball courts with a dome for winter use; sports halls for badminton, basketball and volleyball; squash courts; a 400m athletics track with field sports facilities; and 49 acres of grass pitches for rugby, football, lacrosse and cricket.

The Sport Centre includes a 70-station fitness suite and a strength and conditioning suite with a coach who works with individuals and York Sport Union teams to enhance player performance.

Our successful boat club has its own boat house on the River Ouse, and the student Golf Club has access to the adjacent Fulford championship golf course. Facilities for hang-gliding, riding and other non-campus sports can all be found nearby.

Most clubs play within BUCS (British Universities & Colleges Sport). Regular leagues are organised through York Sport Union, and York’s inter-college system provides regular competition in about 15 sports as well as nine one-day tournaments.

York also co-hosts the UK’s largest inter-university event, the annual Roses Tournament, against the University of Lancaster. More than 50 competitions are held over a weekend either in York or Lancaster and York is currently just ahead in the history of this hugely competitive contest.
There are countless opportunities to play, listen and perform, and whatever your musical taste, we guarantee there’s a group for you!

Culture and music

Student media
Many York graduates have gone on to successful careers in the media, including BBC foreign correspondents, newspaper editors and radio presenters. These include Greg Dyke, former Director-General of the BBC and Chancellor of the University from 2004 to 2015.

YUSU has some of the oldest and most respected student media organisations in the country. University Radio York, which broadcasts across campus and around the world, was Britain’s first independent radio station.

York Student Television broadcasts a range of programmes over a campus cable network and online to the world.

Our two student newspapers, Nouse and York Vision, have a readership of over 3,000 and regularly win prizes in the Guardian Student Media Awards.

Award-winning drama
York has a long-established tradition of active and adventurous student drama. The Drama Society runs its own performance space and mounts productions on campus and in the city. There are at least six productions each term, often of student plays. Several student companies perform at the Edinburgh Festival each year.

The many York graduates who have gone on to highly successful careers in theatre, film and television include Denise O’Donoghue (co-founder of Hat Trick Productions), Simon Stephens (award-winning playwright), Harry Enfield (comedian), Genista McIntosh (former executive director of the National Theatre) and David Thacker (theatre and television director).

Music for all
Music plays a central part in the city’s lively cultural scene and there are numerous places on campus and in York where you can hear and perform live gigs and concerts.

Societies, student-run ensembles and the University itself provide countless opportunities to play, listen and perform, whatever your level of commitment. There are lunchtime and evening concerts most weeks on campus, with dedicated performance venues including the Sir Jack Lyons Concert Hall and Central Hall. Membership of the Music Society allows access to practice rooms in Derwent College for non-Music students.

Instrumentalists and singers can audition for the University Orchestra, the Baroque Ensemble, the Jazz Orchestra and the Chamber Choir. There are also several less formal ensembles, mostly run by students, including the Concert Orchestra, Concert Band, Brass Band and Gospel Choir. YUSU has several active music societies, including a Gilbert and Sullivan Society, a rock gospel choir and the Central Hall Musical Society. Fusion, a large annual fashion, dance and music show in Central Hall, involves a broad range of individuals, societies and organisations in and around York and raises thousands of pounds for charity. Last but not least, the University Choir performs major choral works every term in venues such as York Minster, and is open to students without audition.

Welcome to York
Superb shopping
With more than 2,000 stores, York offers some of the most distinctive, specialist and stylish shopping in the UK. Major retail chains and big-name high street outlets sit alongside designer boutiques, specialist stockists and organic food retailers. The city centre is compact, with many shops set in York’s medieval and Georgian streets, while the city's outskirts feature modern shopping complexes and a designer outlet.

The thriving open-air market in the city centre is open daily and is a good source of fresh fruit and vegetables, meat, fish and cheeses.

A well-connected city
York is one of Britain’s best-connected cities. You can catch an intercity train on the East Coast mainline to reach London in less than two hours and Edinburgh in two and a half. With Eurostar from London St Pancras, Paris is just over six hours away.
York’s international reputation stems from the high quality of our teaching and research, and our academic staff often use their ground-breaking research projects to inform undergraduate lectures and seminars.
Studying at York

York is one of Britain’s most highly regarded – and popular – universities. We regularly feature in the top research rankings and achieve particular success in external assessments of research-led teaching. If you come to York, you will be joining a university committed to maintaining the highest standards in university education with a curriculum informed by world-class research. Dropout and failure rates at York are extremely low. Our goal is for York students to graduate as independent lifelong learners equipped to remain at the forefront of their chosen career.

At York you will be taught by academic staff who are leaders in their research areas. In the new Research Excellence Framework (December 2014), which evaluates quality and impact of research in UK universities, we ranked 14th overall and 10th out of 155 institutions for the impact of our research. Our proportion of research activity of world-leading 4* status is among the highest of any university.

York degree programmes frequently offer a wide range of module options, opening up opportunities to focus on topics that particularly interest you, or that fit your career plans.

There is a flexible approach to teaching methods tailored to the particular demands of individual subjects. Teaching for many of our degree programmes is done through small group tutorials. You may also be taught in larger group seminars and in lectures. Many modules feature online resources supported by our Yorkshare virtual learning environment (VLE) (see page 12).

Assessment methods differ from department to department. Some have no traditional examinations; others use a combination of examinations, coursework, open papers, extended essay papers, dissertations and project work and, in some cases, assessment of oral contributions in tutorials.

Combined programmes
At York we offer a number of programmes that allow you to combine the study of two or three disciplines. To find out which programmes are combined, look on the title page of the subject you are interested in. Further information about combined programmes can be found in the subject sections and on department websites, and at www.york.ac.uk/study/undergraduate/courses/combined.

Facilities for study

24/7 library facilities
Open 24/7, the University Library offers you a wide range of different and exciting learning spaces. These include quiet and silent study zones equipped with power and access to the wireless network; IT facilities; bookable group study rooms with presentation equipment; informal learning spaces; a café and vending machines; and flexible, open-plan group study space.

Just next door is the Borthwick Institute for Archives which houses one of the largest and most diverse archive collections in any university in the UK. For further details see page 12.

Our King’s Manor Library is located in York city centre and has collections relating to architecture, archaeology, medieval studies and 18th–century studies.
The Library collections include over 1.2 million items, and access to over 60,000 print and electronic journals. The University Library has a close association with York Minster Library which is open to all members of the University and is particularly valuable if your course covers medieval literature and history. The University has a rolling programme of investment in top quality resources to support your academic work. The Library’s collections support learning and teaching and include over 1.2 million items, access to over 60,000 print and electronic journals, thousands of e-books, audiovisual material, images, music scores, statistics, datasets and other electronic resources. All our resources can be easily explored through our Subject Guides compiled by each department’s dedicated academic liaison librarian. Our Library staff are always happy to help you, whether to find a book or with more detailed subject enquiries. The academic liaison team can help save you time when searching for information, give you advice about what resources to use based on your needs, help you evaluate the information you find and reference your work.

Whatever subject you choose to study, we look forward to welcoming you to our world-class Library.

University Library
Tel: +44 (0)1904 323873
Email: lib-enquiry@york.ac.uk
Website: www.york.ac.uk/library
Twitter: @UoYLibrary

Archives
The Borthwick Institute for Archives houses one of the most varied archive collections in any university in the UK. This includes the archive of the archbishops of York from 1225 to the present day, medical archives from the 18th to the 20th century and holdings from 20th-century southern Africa. There is also a growing accumulation of archives created by contemporary playwrights, including Alan Ayckbourn, and the Music Preserved archive of live recordings from the 1940s onwards. The Borthwick publishes extensively, both in print and online.

Borthwick Institute for Archives
Tel: +44 (0)1904 321166
Email: borthwick-institute@york.ac.uk
Website: www.york.ac.uk/borthwick
Twitter: @UoYBorthwick

Supporting your study
Virtual learning with Yorkshare
Yorkshare is the University’s virtual learning environment (VLE). Through Yorkshare you can engage in discussion, collaboration and self-directed study, alongside regular class contact time with staff and students. Yorkshare has resources to develop your study skills and produce original work, such as the Academic Integrity tutorial. It also gives you access to the Library’s electronic holdings and search engines.

If your degree course uses Yorkshare, your lecturer may construct your web-based components in a number of different ways. Some modules may have an optional VLE element, while others may require you to participate in communication, collaboration or assessment activities. Some lecturers may upload notes, quizzes, surveys, presentations and other files such as audio and visual media. Others may use Yorkshare primarily for support, through communication tools such as the discussion board, blog or wiki. If your programme uses Yorkshare to deliver a module, you will be automatically enrolled for access to the features you will need.
Relive lectures through Replay
More and more departments are using Replay, the University’s online lecture capture system. Replay shows the lecturer’s presentation with an audio recording giving you a chance to revisit the contents, go over any points you did not understand and catch up with anything you missed.

Help with Mathematics and Statistics
Mathematics and Statistics are integral components of many University courses across the arts, sciences and social sciences. The Maths Skills Centre offers free help and guidance to students with their day-to-day work, assignments and extended projects. Students can use the popular drop-in service or make a one-to-one appointment with a tutor. Find out more at www.york.ac.uk/maths-skills-centre.

Academic writing
Writing essays at university requires a particular set of skills, and our Writing Centre is a free service open to all undergraduate and taught Masters students who want to improve and develop their academic writing.
At the Writing Centre, based in the Library’s Harry Fairhurst building, we offer a one-to-one drop-in service, as well as bookable one-to-one appointments. At the Centre, you can discuss planning and structuring your assignment; developing your argument; integrating sources into your writing; and expressing yourself clearly and accurately. Find out more and book appointments at www.york.ac.uk/writing-centre.

Communication skills
The University offers communication and study skills support to international students through the Centre for English Language Teaching; for further information see page 20.

Using IT
All students are provided with an IT Services account which gives you access to a range of facilities including an email account provided via Google Apps for Education, central filestore and printing.
If you are using a laptop or other mobile device you can access the University network using wifi around campus, including in libraries, cafés and departments. Wired and wireless access to the network (including the internet and email) is also available in all on-campus college accommodation, and some off-campus accommodation via the Network Access Service (NAS). If you are off campus, you can use our VPN (virtual private network) to access resources, including filestore and printing.
There are open-access IT classrooms and study areas across the campus and at King’s Manor in the city. Over 950 open-access PCs connected to the campus network are provided by IT Services, and many departments have further facilities.
Software provision ranges from standard office applications – such as word processing, spreadsheets and presentations – plus specialist statistical, mathematical, geographic information systems (GIS) and graphics packages to applications development environments for those who need to create their own software. Many departments provide their own teaching software, most of which is available from centrally provided PCs.
Training is available free of charge to help improve your IT skills for your studies or employment through the Student IT Training programme. See page 25 for information.

IT Services
Tel: +44 (0)1904 323838
Email: itsupport@york.ac.uk
Website: www.york.ac.uk/it-services
Twitter: @UoYITServices
We have a range of services to support our students and help you to get the most out of your time at university.
Your support network

We want you to get the best from your time at York. To help you do this we have a network of support services designed to give easy access to help and advise on a wide range of issues. The colleges, the supervisory system and central support services form the core of this network.

Welcoming our students

Studying in a new location away from home – and for our international students in a new country – can be a challenging prospect. We have a range of support services specifically geared to helping all our new students make an easy transition to York. College networks, departmental course representatives, supervisors and advisers in YUSU and departmental course contacts all make a contribution. For international students our international Student Support Co-ordinator and the Immigration Advice Service can provide specific advice and guidance.

We want you to enjoy your studies at York so please do not hesitate to ask for help and advice.

Colleges

You will be a member of a college throughout your time at York even if you do not live in University accommodation. As well as providing a focus for social and community life (and accommodation for many students), the colleges offer a source of help with day-to-day matters. All colleges have a college team (see page 30), led by the Provost or Principal, who are happy to help with any problems. Students also elect representatives within each college who can provide community leadership.

Academic supervisors

At York you will be assigned to a member of the relevant teaching department who acts as your supervisor, usually throughout your course.

The supervisor’s role is to advise on academic progress, but they can also help with personal development and well-being issues. Your supervisor will follow your academic work as well as being familiar with your personal interests. If you have exceptional personal challenges they will refer you to the appropriate support services at the University but more often they will point you to self-help.

You will meet your supervisor in the first few weeks of your course and will be expected to meet them again regularly through the academic year.

Student Support

Student Support, based in Market Square, is home to a team of specialists who can help you succeed and flourish here at York. They provide advice and information about managing your money, council tax, private sector housing contracts, immigration and many other practical matters. The friendly reception team makes initial appointments and provides information on the Open Door Team for students who need specialist counselling, disability advice and financial support.

You will meet many members of the team during your welcome events.
Health services on campus
The University Health Centre, run by Unity Health, is located on campus with easy access for all students. The Centre offers a wide range of health services and services tailored to student health including study-related travel and a range of sexual and mental health initiatives. This service is delivered under the NHS and not by the University. More information can be found at www.unityhealth.info.

Open Door Team
This confidential service provides a range of guided and self-help support for students with psychological or mental health difficulties. The specialist staff have backgrounds in counselling, nursing, occupational therapy, cognitive behavioural therapy and psychotherapy. You can discuss concerns with a practitioner to decide what help will be best for you. This might include short-term help for a specific issue, counselling, cognitive behavioural therapy, workshops, signposting or referral to external services.

Nightline
Nightline is a confidential listening and information service, run by students for students, open from 8pm until 8am every night of the main undergraduate term. The service is non-judgemental and provides anything from a cup of tea and a chat to a space to discuss personal problems, or to pick up information on a large range of student issues.

Childcare
York Campus Nursery is open to the children of students, staff and the public. Situated in its own grounds, the Nursery is registered with Ofsted. Professionally qualified staff work full-time to create a safe, caring and stimulating environment. It provides places for 30 children per session, aged two to five years, in the nursery unit, and nine children aged three months to two years in the baby unit.

Acceptance for a degree course at the University does not guarantee a place at the Nursery, so be sure to join the waiting list as soon as you can.

Faith contacts and chaplaincy
The University Chaplaincy team is available to people of all faiths and none. It provides a focus for a team of faith contacts and it works with others to support the community on campus. The Chaplaincy website contains a wealth of information about faith provision on campus and in York: www.yorkchaplaincy.org.

The team consists of three full-time chaplains (Anglican, Catholic and Methodist) and a number of faith contacts for Bahá’í, Baptist, Buddhist, Hindu, Jewish, Muslim, Sikh, Quaker, United Reform and other faith groups.

The University has spaces available for prayer and meditation including prayer rooms for Muslim staff and students, and a Hillel Centre where Jewish students can cook and entertain.

Information about faith and religion at the University and details of contacts can be found at www.york.ac.uk/faiths.

“Before I arrived at York I had a number of meetings with the University’s disability service. They were able to provide me with the necessary support to make sure I had a suitable room with everything I needed. On a day-to-day basis I receive 24-hour care, which includes everything from personal assistance through to note-taking. This support has allowed me to participate fully in my course. I have found that people are friendly and take the time to listen even if they find it difficult to understand me immediately.”

STANLEY, MMATH MATHEMATICS, 2ND YEAR

Your support network
Student Support – Disability Advice

Ten per cent of York students are registered with Disability Advice, which liaises with academic departments to advise on reasonable adjustments.

Disabled students, in common with all other students, are accepted by the University on the grounds of academic attainment and potential to benefit from the programme for which they apply. If you have a disability, please inform the University as soon as possible, to allow arrangements to be planned in advance. If you have specific concerns about undertaking your chosen programme of study please contact the department or Disability Advice.

The University is experienced in responding to the support requirements of students with disabilities including dyslexia, dyspraxia, autism conditions, physical and sensory impairments and long-term health conditions. The University runs a number of employability initiatives for disabled students. Further information is available from Disability Advice.

Student Support – Disability Advice
Tel: +44 (0)1904 324785
Email: disabilityservices@york.ac.uk
Website: www.york.ac.uk/students/support/disability

Care leavers

The University provides additional support to students who are care leavers and holds the Frank Buttle Trust Quality Mark for its efforts to help care leavers gain access to degree programmes.

Before you apply, advice on the application process, student finance and student welfare is available from Student Recruitment and Admissions (see inside back cover for contact details).

Once at York, the University offers the support of a named contact. A Care Leaver and Foyer Bursary is also available to help with accommodation and financial needs (see page 36 for more information).

Mature student support

We recognise that mature students entering university following a break from education may have particular challenges. You can access advice and support from Student Recruitment and Admissions before you apply and once you arrive at York, you will be invited to an induction session tailored to the needs of mature students. Our student-run Mature Students’ Association also provides an opportunity to meet other students and access information.

Visit www.york.ac.uk/mature for further advice and to access a copy of our Guide for Mature Students. A Mature Students' Information Pack is also available on request. Please email admissions-liaison@york.ac.uk. Further admissions information for mature applicants is on page 40.

Student Support – Financial Support

Financial Support administers a number of hardship funds and bursaries and provides information to potential applicants about student funding and bursary entitlements (see pages 35–37).

Student Support – Financial Support
Tel: +44 (0)1904 324043
Email: SFSU@york.ac.uk
Website: www.york.ac.uk/studentmoney

Your support network 17
Our international students receive the very best support from the moment you enquire about studying until graduation and beyond.
Why international students choose York

- York is consistently featured among the top UK universities for the quality of its teaching and research in most comprehensive league tables.
- Feedback from our students in recent surveys indicates that students are very satisfied with the quality of teaching and programme content at York, and rate this as one of the most positive aspects of their study experience.
- Eligible students from outside the EU are currently guaranteed University-managed accommodation on or near campus throughout their degree.
- You can enjoy studying and living in a very safe, friendly and beautiful parkland campus.
- We offer support and guidance throughout your time at York, including important advice on improving your skills for employment.
- The campus is located close to the centre of the city of York, one of Europe’s most beautiful medieval cities.
- York is easily accessible by air, rail and road. London is only two hours away by train, so Heathrow and Gatwick airports are within easy reach. The nearest international airports are Manchester and Leeds Bradford.
- The cost of living in York is significantly lower than in some other parts of the UK. You can take advantage of the many discounted campus services and social activities available.

Speak to our team

The International Team in Student Recruitment and Admissions is your main contact point at York and we are happy to answer any queries you may have.

We understand that choosing to spend the next three or four years in a country outside your own is an important and often difficult decision. We want to help make this process as easy as possible and to ensure that you receive the relevant information when you need it and from the right people. So whatever your question about York please contact us.

Before you apply

For advice and support with submitting your application or preparing to study in the UK, email us at international@york.ac.uk.

We travel overseas regularly to meet students like you. Find out if we are visiting your country at www.york.ac.uk/international, or follow us on Twitter, @York1963.

Contact an Ambassador

If you want to find out what it is like to study and live in York as an international student, our York Ambassadors Scheme lets you ask a student or alumnus from your country for their first-hand experience. For more information, email us at international@york.ac.uk or follow us on Twitter, @York1963.

You will receive the very best support from the moment you enquire about
Being part of a college as soon as I arrived at York really helped me with making friends right away and getting answers to my questions easily. As an international student, I feel really supported. As well as allocating me a personal supervisor, my Department appointed an international supervisor for me, with whom I met regularly to talk about how I was getting on with both academic and non-academic life.”

CHLOE, BSc PSYCHOLOGY, 3RD YEAR

Support and services

We offer a range of support services for our international students because we realise that you are a long way from home and require specific support and guidance. For more information about our International Student Support Service, based within the Student Support Hub, see www.york.ac.uk/internationalsupport.

We also recognise that students who are thinking of applying to study in the UK will have some general questions, ranging from how to apply, to your arrival at the University. We hope that the following information will tell you what you need to know.

Communication skills

You can check the University’s English language requirements for students whose first language is not English on our website. The University provides communication and study skills support to international students through the Centre for English Language Teaching (CELT).

Communication and skills support is available both before and during your studies.

Before you enter

CELT offers a range of intensive preparation courses which enable students to achieve the required level of English for their academic programme or to make effective use of their English in an academic context. Programmes include:

- 8-week pre-sessional for students with an IELTS (or equivalent) lower than the score required for entry to their chosen programme
- 8–week and 10–week pre-sessional for students wanting to study programmes in our Management School
- 4–week pre-sessional for students with unconditional language offers.

Details of these and other programmes can be found on our website.

After you enter

A range of courses is available to help you improve your English and develop all the language-related skills needed for successful study. Most courses are free of charge.

Details of all CELT courses can be obtained from the CELT Administrator.

Centre for English Language Teaching (CELT)
Tel: +44 (0)1904 322480
Email: celt@york.ac.uk
Website: www.york.ac.uk/celt

Safety and support

York is one of the safest cities in the UK. The University is also proud of its friendly and secure campus where students can study, live and socialise with complete peace of mind. Our International Student Support Co-ordinator is dedicated to supporting international students throughout their studies.

Managing your money

Cost of living

One of the added benefits of studying at York is that the cost of living is significantly lower than in some parts of the UK. The majority of our international students live on or near campus, saving money on...
transport and taking advantage of a range of subsidised services such as food outlets.

Work experience
There are opportunities to gain work experience both on and off campus during your time at York. Careers (see pages 23–27) promotes both paid and unpaid work and is a resource for students to prepare for employment after their studies.

Scholarships
The University offers a number of scholarships for overseas students each year, awarded on a competitive basis. See page 37 for further details or visit www.york.ac.uk/study/international.

Settling into York

Meeting other students
York’s college system and self-contained campus make it easy to meet new friends and get involved with a wide variety of sporting, social and volunteering activities both on campus and in the wider community.

We have a reputation for being a welcoming and friendly place to live and study. With about 23 per cent of our students coming from outside the UK you will have the opportunity to make friends from the UK and from all over the world.

Discovering the UK
There are plenty of opportunities to see all that the UK has to offer through your college or with clubs and societies co-ordinated by the Students’ Union. Previous trips have included visits to the fascinating cities of Cambridge, Edinburgh, Manchester and Oxford.

Practising your faith
The University of York respects and supports students of all beliefs and provides facilities for students to practise their faith.

A handbook is available which provides details of workshops, prayer rooms and points of contacts for different faiths. Religious societies include the Jewish Students’ Society, the Islamic Society and the Sikh Society as well as various Christian societies. There is also support for a range of other faith groups. Further information about faith group support is given on page 16.

Visiting students
If you are already studying at a university in another country and want to come to York for up to one year, our Visiting Student Programme allows you to do just that. Visiting students are taught alongside other undergraduate students and are fully integrated into the academic and social life of the University. You can choose a programme of courses from one or more departments and you can usually transfer the credit back to your home institution. See www.york.ac.uk/study/study-abroad/visiting for full details and application materials.

The York International Foundation Programme
The York International Foundation Programme is a one-year programme designed to prepare international students for admission to degree courses at York. The Foundation Programme, offered by the University’s associate college, York College, runs from September to July.

Students from the Foundation Programme gain places at a range of UK universities in addition to York. For further details email international@yorkcollege.ac.uk or visit www.yorkcollege.ac.uk/international.

University of York International Recruitment Team
Tel: +44 (0)1904 323534
Email: international@york.ac.uk
Website: www.york.ac.uk/study/international
Twitter: @York1963

The campus is close to the centre of York, one of Europe’s most beautiful medieval cities
Facilities such as the 3Sixty demo space in the Ron Cooke Hub give students the chance to create multimedia presentations and performances.
York graduates are sought by major employers all over the world. From the moment you arrive at York, we are committed to helping you develop the skills employers are looking for and prepare for your future career. We offer a wealth of opportunities, from internships, volunteering and transferable skills programmes to enterprise support and activities, all geared to helping you stand out from the crowd. We hold regular networking events to give current students the chance to meet up with our alumni in areas such as finance, business and the media. A wide range of top graduate recruiters are keen to build links with York students and the Careers team will help you make the most of these opportunities.

**Getting a head start**

As a York graduate you will have a wide range of career options. Some career routes relate to subjects studied at university while more than two thirds of UK jobs are open to graduates of any discipline. These employers are interested in the wider skills and experience you gain at university as well as the knowledge you acquire about your subject. All recruiters seek graduates who are motivated, ambitious and have the personal skills necessary to apply their learning in an organisation. As a leading university, York enjoys an enviable reputation among major graduate recruiters. We also have excellent relations with recruiters and York alumni in particularly competitive career areas, such as the media, public sector and not-for-profit agencies.

**Careers services and activities**

Our services are not just about helping you to work out what you want to do when you leave. Careers also offers experiential learning projects, training, networking opportunities and events to help you get ahead in the jobs market when you graduate.

Our website includes information about opportunities in different employment sectors, graduate destinations, assessment centre tests and advice on job hunting and the recruitment process. You can also access case studies of alumni that describe what working life in your chosen area is really like. An extensive events programme gives you the opportunity to meet employers offering graduate jobs and internship opportunities, plus information and networking events covering a range of job sectors, including media, public sector, heritage, science and environment. Through our online Careers Gateway, you can also view and apply for a wide range of vacancies for graduate, part-time and work experience opportunities.

If you need more help, you can visit Careers where information specialists and careers advisers can help with all...
aspects of career planning, including job applications and preparing for interviews. Careers staff also run workshops and other activities in academic departments and colleges.

Only you can develop your employability in the way that best suits your needs and future plans. Careers will help you do this as quickly and effectively as possible. For more information, visit www.york.ac.uk/careers.

Work experience
Employers do not just want graduates – they want graduates with experience of the world of work. The work experience you gain as a student can increase your employability, developing and enhancing vital skills such as planning and teamwork. It also offers you the chance to discover different career options, as well as providing evidence to strengthen your CV. Part-time and casual work alongside your studies can help you earn a little extra cash as well as providing crucial work experience. Careers advertises hundreds of vacancies for casual and part-time work during your degree, both on and off campus, in term time and during your vacations.

Our Student Internship Bureau offers paid project-based internships with employers, helping to enhance your career prospects with opportunities for students and recent graduates. See www.york.ac.uk/careers/sib.

Promoting enterprise
The University of York has been shaped by a culture of enterprise and innovation. We are keen to instil similar qualities in our students, encouraging them to become the social entrepreneurs, enterprising employees and successful business owners of the future. In our flagship Ron Cooke Hub, the Student Enterprise Space provides professional, hot-desking facilities. It is the perfect base for a fledgling business where students can meet fellow entrepreneurs, share ideas and gain contacts. We also run a programme of events, workshops and competitions to help you to understand the processes of business start-up. If you’d like to try your hand at launching a business, there’s funding available with business advisers on hand to enable you to realise your ideas. York Entrepreneurs is one of the largest student societies on campus and organises activities throughout the year including its own version of ‘The Apprentice’. See www.york.ac.uk/careers/enterprise.

Links with employers
The University has strong relationships with a vast range of employers seeking to employ our graduates. We work closely with large blue-chips as well as small- and medium-sized employers to find out what they are looking for in graduates. In every field they are looking for students who have maximised their opportunities at university and York offers a unique breadth of ways to develop the skills employers seek, making it an important destination for the top recruiters. Our top recruiters include professional service firms like Deloitte, KPMG, PwC, EY, as well as the BBC, Teach First and the NHS.

Careers organises a programme of careers fairs and events held on campus, where you will have opportunities to meet employers to explore future job options and find out about vacation placements and graduate schemes. Employers also get involved in our sector and skills talks. Our website advertises hundreds of graduate opportunities and students can register for tailored email updates for new vacancies.

Developing professional networks
Our events programme brings together current students with recent graduates and established alumni to provide valuable connections and opportunities in today’s competitive job markets.

Careers hosts hundreds of graduate profiles online so you can explore a range of career paths and make useful contacts. And through our alumni mentoring scheme you can be matched with an experienced mentor drawn from our extensive alumni network.

Further study
Each year, around 30 per cent of York graduates opt to go on to further full-time study. This is higher than the national average and consistent with the University’s aim to provide students with a good grounding for postgraduate study and research, as well as full-time employment. You can find details of typical career destinations for our graduates at the end of each subject section in this prospectus.

Skills for life
The York Award, unique to the University of York, is a class-leading certificated programme of skills training, work experience and volunteering delivered in partnership with leading public, private and voluntary sector employers. It is designed to ensure you leave the University equipped...
with the key skills and experience required by employers and the ability to articulate clearly what you have to offer.

The programme provides a structured framework to plan, reflect on and learn from your university experience. It is supported by an extensive range of extra-curricular courses which provide opportunities for you to develop valuable employability skills. Many of these courses are developed and delivered by employers; some focus on general transferable skills while others are sector specific.

For further information, visit www.york.ac.uk/careers/yorkaward.

Volunteering
Volunteering is an excellent way of supporting your local community as well as developing valuable transferable skills and knowledge. Through York Students in Communities you can find placements with organisations across York. Or you could apply to use your skills on a specific project or create your own project with our support. There are opportunities to work in a variety of sectors including arts, heritage, welfare, environment and research. To find out more visit www.york.ac.uk/careers/communities.

The award-winning York Students in Schools (YSIS) provides over 600 students a year with the opportunity to volunteer in local schools. You could undertake a placement as a classroom assistant in a wide variety of activities, support extra-curricular learning, or volunteer to support pupils in your native language. Students develop communication and organisational skills, increase confidence and enjoy being part of a community. They also gain an insight into teaching and other professions that work with young people. To find out more visit www.york.ac.uk/careers/ysis.

IT training
IT skills are a critical part of your education. To help extend your skills, we have developed a range of training and support programmes. Self-paced learning materials are available to all York students through the Yorkshare VLE. These are designed to extend your competence in key applications, help in maintaining academic integrity and introduce skills commonly found in work environments. Nationally and internationally recognised IT qualifications can also be obtained through the University’s IT Academy. Visit www.york.ac.uk/it-services for more training information.

Language training
Whether you want to study for fun, prepare for an international placement or improve your career prospects, the University’s Languages for All (LFA) programme gives you the chance to take a course in a foreign language alongside your studies. Languages in the LFA scheme are offered at various levels, so you can choose to continue the study of a language or start a new one.

Courses currently offered by LFA, subject to demand and availability, include Arabic, Dutch, French, German, Modern Greek, Italian, Japanese, Classical Latin, Medieval Latin, Mandarin Chinese, Polish, Portuguese, Russian and Spanish. More languages may be available if there is enough demand.

LFA caters for beginners, intermediate and advanced students, and its aim is to develop oral and written language skills to deal with real-life situations. Your success will be formally recognised with the award of an LFA certificate.
Volunteering is a great way of developing skills and experience to enhance your CV.
LFA courses can also be taken as degree electives. LFA courses not only provide you with a knowledge of the language and the culture you study, they also give you a highly marketable skill. Together with the specialist knowledge of your main subject discipline, the ability to speak and write a foreign language will be an immensely valuable asset when you apply for jobs in today’s increasingly international working environment.

LFA also provides several types of specialised courses as part of some degree programmes. Examples include foreign literature courses in French, German, Italian and Spanish for students of English; courses for History of Art students; and specialist language preparation for Erasmus exchanges. For more information see www.york.ac.uk/lfa.

Our network for graduates

The University of York Alumni Association (YAA) is a worldwide community of over 100,000 York graduates. We help alumni and students make connections, both personally and professionally. A large number of York alumni are willing to offer time, advice and expertise to help you establish your career.

You will become an official member of the Association and be able to take advantage of our services and benefits once you graduate, but before then YAA offers many services to support you and your future career. As a student, you can access alumni profiles, contact alumni for advice, attend networking events and find an alumni mentor through the Alumni Mentoring Scheme.

You can access YAA services and support through Careers. As a student you will be invited to networking events hosted by Careers and supported by York alumni. These events feature question-and-answer sessions, alumni panels and the opportunity to network with people working in a range of industries.

YAA works closely with Giving to York, to support students financially in various ways. Our student YuCall team regularly speak to alumni to help fund bursaries and to raise money for YuFund, the Giving to York student-funding programme. Students can apply for a bursary or for funding for a project, club or society. Our crowdfunding platform, YuStart, encourages students to fundraise for innovative ideas and projects.

YAA has a great deal to offer and looks forward to welcoming you to the York community.

York Alumni Association
Tel: +44 (0)1904 324467
Email: alumni@york.ac.uk
Website: www.YorkSpace.net
Twitter: @YorkAlumni

“It’s amazing what you can get out of the alumni network. The connections I have made have led to my current job in journalism”
FORMER STUDENT

platform, YuStart, encourages students to fundraise for innovative ideas and projects.
Global programmes

We believe that every student should have the opportunity to gain an international experience of some kind. We recognise that students will have careers in a global market place and that international activity broadens the educational experience. Through our Centre for Global Programmes, we can offer students a range of exciting options to study or work abroad.

Exchange programmes with a global reach
Our Centre for Global Programmes offers a structured worldwide exchange scheme. You can study for up to one year at a partner university overseas, with full academic recognition. We have links with top-class institutions in North America, Asia, Australia and South Africa. Studying abroad through this programme gives you the opportunity to experience different academic and social cultures without extending the length of your degree programme at York – your studies will be academically recognised in replacement of your second year studies (for three-year degrees) or third year studies (for four-year degrees) at York.

Most of these exchanges are open to undergraduate students in any department, and a number of departments have developed specific exchanges for their students. Degree programmes which include UK professional requirements may offer separate exchanges – please check the website for further details if you wish to study Medicine, Law or Psychology.

We also have a college-to-college exchange between Morningside College students at the Chinese University of Hong Kong and our own James and Derwent College members.

European connections: Erasmus+
The Erasmus+ scheme (a European Commission programme) promotes study and work placements in Europe. You can apply for study placements at our partner universities, or apply to work at an organisation whose industry is linked with your York degree programme. For example, students from Language and Linguistic Science can take part in the British Council’s Language Assistantship scheme, teaching in schools across French-, German- and Spanish-speaking countries. Some students can combine study with a work placement.

A number of departments offer a four-year programme with a built-in year in Europe. Alternatively you can apply to spend all or part of your second year abroad, replacing your studies at York. Grants are usually available towards the costs of travel and living expenses. For periods of study shorter than a year, you continue to pay tuition fees at York but pay no fees at the host institution. Fees for full-year placements are significantly lower than the full fee in the UK.

You can explore the world through our global programmes
The International Study Centres provide students with an enriching short-term academic and cultural experience abroad, improving their employability and enhancing their CVs.

Departments that intend to offer Erasmus+ opportunities for 2016 are shown on our website.

International Study Centres

Our International Study Centres encourage students to reap the career and development benefits of a short period of learning abroad. The programmes, which last two to three weeks, give groups of 25–30 students the opportunity to boost their international competencies by participating in intensive academic and cultural immersion courses based on themes such as social enterprise and leadership, human rights and Asian culture and arts. Centres have been held in North and South America, South Africa and China.

Summer schools

The Centre for Global Programmes, together with Careers, can help you explore a wide range of potentially life-changing experiences through volunteering programmes, language and cultural immersion courses and career-related summer schools abroad.

Travel awards

We have a number of financial awards for students wishing to pursue organised and independent travel projects abroad during their studies at York. Students can apply for grants through the Santander International Connections scheme as well as alumni-supported travel bursaries and the Alumni Connections Award (open to selected students on North American exchanges). We also assist students with applications for external funding related to specific programmes.

Language preparation

Our Languages for All programme (LFA) offers a wide variety of courses for all levels of ability so if you are considering a period abroad in a non-English-speaking country, LFA can help you boost your skills before you go (see page 25).

What does it cost?

Depending on your destination, your time abroad need not incur additional expense. There are currently significant fee reductions for students spending a full academic year abroad. If your time abroad is supported through the Erasmus+ scheme or other British Council initiatives, you may be eligible for a monthly grant towards living expenses.

Further information about finances and scholarships available while abroad is shown on our website.

Applying

All our programmes are competitive and we select participants through a process of application and interview. However, unless you are applying for a degree programme with an integrated year abroad, you do not need to decide which programme you would like to apply for until you arrive at York in your first year. You will be given information and invited to events to help you choose the right programme for you. To keep up to date on our programmes, please visit our website regularly.

“Studying at the University of Illinois at Urbana-Champaign gave me a completely new insight into my subject, within the contrasting American educational system. I met people from all around the world and loved being part of a different culture, from watching college football to attending corn festivals. On my return to York it dawned on me how uniquely rewarding my study abroad experience was. I have become a much more independent person, confident about travelling on my own and being responsible for my own future.”

MEGAN, BA HISTORY, 3RD YEAR
York is one of just a handful of universities in the UK with a college system and all our students are members of one of our colleges. Far more than accommodation blocks or halls of residence, our colleges are central to the York experience, helping you to achieve a broad education, not just a degree.

York’s college system
Rather than the formal dining and gowns of more traditional collegiate universities, the focus of our college system is on extra-curricular activities and leadership development. Colleges also offer a space to make friends and have fun and develop the skills and experiences that will shape the rest of your life. You will be a member of your college throughout your time at York and after you graduate.

Each of our colleges is home to a community of staff and students from different disciplines and years, and fosters a thriving community spirit, an instant social network with a wide range of extra-curricular activities and events.

When you first arrive, you will be greeted by current members of your college who will help you to settle in. There is also a team of staff and resident postgraduates, led by the Provost or Principal, to support you in your academic progress and learning.

There will always be something interesting going on in your college, and you will be encouraged to try things you might never have dreamed of.

For example, in one college, a group of 27 students ran the 2014 Budapest Marathon, raising £20,000 for charity. Most had never thought they would ever run a marathon, but they achieved the two challenges of training and fundraising.

Another aim of our colleges is to encourage leadership and team-working skills and there are many opportunities for you to develop these through sports teams, clubs and volunteering work which are co-ordinated by the college’s student committee. In one college, a charity founded by college members now provides opportunities for students to volunteer as mentors for disadvantaged 11-year-olds in East London. Students and alumni train the volunteers and the project provides them with a life-changing experience.

Student leadership
College Awards provide an opportunity for students to gain recognition for extra-curricular achievements. The awards are run by current students, to criteria agreed with the college and the University’s Careers team, providing another opportunity for student leadership and development.

Our eight undergraduate colleges
Alcuin College
Alcuin promotes enterprise and celebrates a spirit of adventure and innovation. Alcuin aims to support its members in everything they do and to foster the positive atmosphere that helps our students make a success of their time at York. The college is named after Alcuin of York (c735 to 804), an English scholar who was invited by Charlemagne to head the Palace School in Aachen, in modern Germany.
Constantine College
The University’s newest college, Constantine, opened in 2014. The college promotes student development through engagement with the local community and with issues of social justice, and supports students to become entrepreneurial and independent. Its central building, The Forum, houses both social and study space, and is the venue for a varied programme of college events. The college is named after Constantine the Great whose proclamation as Emperor of Rome took place in York in AD306.

Derwent College
Derwent fosters a strong community spirit and strives to provide a rounded experience that equips students with the confidence to realise their full potential. Derwent has excellent social and cultural events, including the famous Club D and regular ceilidhs, and a strong sporting culture. Derwent provides opportunities to engage with human rights issues with the Derwent College Global Community, as well as to participate in the active JCR committee.

Goodricke College
Goodricke is a pioneering college promoting inclusivity of opportunity for its members who comprise both undergraduate and postgraduate students. The college was the first to be situated on the new Heslington East campus, close to the new sports and leisure village and some academic departments. With a thriving community spirit, the college encourages full engagement with and leadership in college events and activities, to foster personal development and transferable skills.

Halifax College
Halifax is the largest college and focuses on active living, sport, creativity and leadership. A comprehensive programme of transferable skills initiatives and opportunities helps its students become academic, community and business leaders of tomorrow. Halifax pioneered the introduction of Leadership Houses – living-learning communities that allow students to explore their common interests outside the traditional classroom setting. The college’s layout and location facilitates a very strong sense of community and belonging, while its green courtyards and proximity to sports fields provide a natural setting for outdoor activities.

James College
James College celebrates the diversity of its students and offers a wide range of opportunities including a photography programme and award-winning sports teams. Its students enjoy lakeside views, landscaped quads, close proximity to a café, dining hall, cocktail bar and numerous social and study spaces. The college is named after the University’s first Vice-Chancellor, Lord James.

Langwith College
Named after nearby Langwith Common, Langwith is one of the two original colleges, but now occupies some of the newest accommodation on Heslington East. It continues its traditional interest in the arts and also prides itself on its social and community spirit, with an ever-widening range of opportunities to get involved in.

Vanbrugh College
The college takes its name from Sir John Vanbrugh, playwright and architect, who married into the de Yarburgh family, then owners of the Heslington Estate, which is now the site of the University. The college is centrally located on the West campus, has a strong emphasis on music of all kinds and subsidises sports activities for its members.

“York’s college system is a brilliant way to make the transition from home … I feel I already have a second family!”
AMY, SOCIAL AND POLITICAL SCIENCES, 1ST YEAR
Accommodation

With over 3,700 rooms for undergraduate students, we can offer a range of options to suit you and your budget, from economy rooms in older blocks to brand-new deluxe accommodation with spacious shared kitchens featuring sofas and LCD televisions. We guarantee you a University room for your first year if you accept us as your firm or insurance choice and apply for accommodation by our deadline date.

All of our accommodation is on or very close to campus, so you will never be far from lectures, the Library, catering outlets and student bars. You will also be just a short walk, cycle or bus ride away from York’s historic and vibrant city centre.

What we offer

Our room types range from the more traditional catered rooms to our newly built deluxe en-suite rooms – with a lot of variety in between. Our prices include heating, electricity, water and internet access – with wifi available in every bedroom. All undergraduate bedrooms are connected to the University network via the Network Access Service (see page 13). Communal areas are cleaned regularly, and we have a 24-hour security presence on campus.

As well as your study-bedroom and shared kitchen, you will also be close to a range of facilities such as bars, cafés, dining halls, common rooms and study areas. You will find college accommodation spread out across the campus with rooms for undergraduate students divided almost equally between the Heslington East and West ends of campus. Just a short 15-minute walk or free bus ride from one end of campus to the other, your study-bedroom is never far from where you need to be.

Applying for accommodation

You will be able to apply online in the spring, after you have accepted York as your firm (first) choice or insurance (second) choice. You are guaranteed a room in University accommodation during your first year if you accept York as your firm (first) or insurance (second) choice and apply for accommodation by our published deadline date.

This is available to new, full-time, first year students applying for a single room for the full academic year.

Additional requirements

We have a number of study-bedrooms and kitchens which have been designed or adapted for students with disabilities. If you need a specific type of room or location for health, disability or other reasons, it is important that you let us know when you complete your online accommodation application so that we can identify a suitable room for you.

Some colleges also offer areas for students with other preferences, such as quiet blocks and single-gender accommodation. You will be given a chance to request this during the application process.

Couples and family accommodation

Most of our rooms are for single occupancy, but we have some accommodation available for students wishing to live with their partner and/or children. This accommodation is not covered by our guarantee, but we are able to assist most of the students who apply early and have priority, based on the allocation policy available to view on our website.
Travel and parking
It is easy to get around the University on foot or by bike, and there are great bus links across campus and into the city centre, so we ask most of our students to leave their cars at home. Only students with a disability are eligible to park on campus.

If you are studying a subject which requires you to travel to placements, such as Nursing, you may be eligible for a parking permit. See www.york.ac.uk/admin/estates/transport/parking/permits/students.html.

Beyond your first year
You can apply to live on campus each year. Some students live in a college for the duration of their degree, or choose private sector accommodation for their second year and return to campus for their final year to concentrate on their studies. As with first year accommodation, the cost includes all your bills and cleaning of communal kitchens and bathrooms, and you can apply as part of a group if you want to live with your friends.

If you would prefer to live in private sector accommodation, there is a wide selection of properties within walking distance of the campus.

Residence requirement
You should live within reasonable travelling distance of the campus during term time, usually within 30 miles of the campus for full-time students and 60 miles for part-time students.

Students may be absent during periods of study provided they are not away at any time at which academic engagements have been arranged; they are responsible for seeking approval for absences at other times from their supervisor or, in the supervisor’s absence, the Chair of the Board of Studies concerned.

Example accommodation costs

<table>
<thead>
<tr>
<th>Colleges</th>
<th>Self-catered price per week 2015/16*</th>
<th>Catered price per week 2015/16*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcuin</td>
<td>£131.95–£135.24</td>
<td></td>
</tr>
<tr>
<td>Constantine</td>
<td>£125.72–£139.23</td>
<td></td>
</tr>
<tr>
<td>Derwent</td>
<td>£103.11–£121.94</td>
<td>£127.89–£151.55</td>
</tr>
<tr>
<td>Goodricke</td>
<td>£125.72–£135.24</td>
<td></td>
</tr>
<tr>
<td>Halifax</td>
<td>£121.94–£131.95</td>
<td></td>
</tr>
<tr>
<td>James</td>
<td>£131.95–£135.24</td>
<td>£127.89–£167.65</td>
</tr>
<tr>
<td>Langwith</td>
<td>£125.72–£135.24</td>
<td></td>
</tr>
<tr>
<td>Vanbrugh</td>
<td>£115.22–£135.24</td>
<td>£127.89</td>
</tr>
</tbody>
</table>

*Please note these prices are indicative and will change for 2016/17 entry. Our prices are reviewed each year to reflect the variety, standard and type of rooms available. Most of our let lengths are for 40 weeks, but we have a small number of shorter and longer let lengths available.

Accommodation Services
Tel: +44 (0)1904 322165
Email: accommodation@york.ac.uk
Website: www.york.ac.uk/accommodation
Twitter: @UoYAccomm
Facebook: /UoYAccomm
We provide all the information you need to plan your budget successfully.
Student finance is an important factor when making decisions about higher education. We want to give you as much information as possible about how much it will cost to study at York and the financial help that could be available to support your studies.

**Tuition fees**

Fees depend on whether you are a UK/EU student or an overseas student and on what programme you are studying. Tuition fees cover the cost of registration, tuition, supervision and initial examination fees.

**UK/EU fees**

Fees for 2015 entry to the University of York and Hull York Medical School will be £9,000 for home/EU students. Fees for 2016 entry are subject to government approval and will be announced on our website as soon as possible. Students will not have to pay tuition fees while they are at university. The cost of tuition can be covered by a loan from the Student Loans Company which students will only start to repay once they have left their course and are earning over £21,000. Details about repayment arrangements are available on our website.

**Overseas fees**

The University sets its own level of tuition fees for overseas students and will decide on tuition fees for 2016 entry in late 2015. The following non-EU fees apply for 2015/16:

- Programmes in Biochemistry, Biology, Chemistry, Computer Science, Electronics, Environment, Physics and Psychology: £19,500
- Medicine: £25,930
- All other programmes: £15,150.

**Fee status**

The regulations regarding fee status are detailed and somewhat complex. If you have any questions about your fee status at the University of York, please refer to www.york.ac.uk/study/undergraduate/fees-funding/fee-status.
“By having a budget and a part-time job, I’ve been able to live comfortably and save to travel.”
CURRENT UNDERGRADUATE

- laundry
- social life, sport and entertainment
- mobile phone.

If you have a television in your room, remember to add the cost of a TV licence to your budget.

You can find sample budgets on our website at www.york.ac.uk/students/housing-and-money/financial-support/budgeting.

Some accommodation is available for students after their first year, but many live in private rented flats or houses. If you do that, you will probably need to pay rent all year round and to pay separately for electricity and other household costs, which will increase your accommodation costs.

Financial support

There are currently a number of support schemes to help UK and EU students with the costs of attending university. These include bursaries, scholarships, Maintenance Loans, Maintenance Grants, NHS bursaries for Nursing and Midwifery students and Social Work Bursaries, as well as a range of support packages for students in particular circumstances. As with tuition fees, detailed arrangements for financial support for 2016 onwards will be on our website in early summer and we will continue to offer a selection of bursaries and scholarships that support our commitment to helping talented students from low income backgrounds.

The following bursaries, awards and scholarships are available to students entering the University in 2015.

UK/EU students

Depending on a student’s financial circumstances, the University offers significant financial assistance to offset the costs of studying at York. In some cases this is supplemented by government schemes. Students may be eligible for one of the following:

York Bursary
This will apply to the largest number of students and provides between £1,000 and £2,400 dependent on residual household income.

Foundation Year Bursary
Paid as a fee waiver worth £3,000 or £5,600 depending on residual household income, this award is payable to students in the Foundation Year of an extended degree.

Care Leaver and Foyer Bursary
This award is for students who come to university from local authority care or the Foyer Federation. The award is worth £4,000 in Year 1 and £2,500 in subsequent years.

HYMS Bursary
This award of £3,000 in all years is for UK and EU students with a residual household income of £25,000 or less.

The following awards may be held in addition to the above:

York Opportunity Awards
These awards provide support for talented students who have overcome significant barriers to their educational goals.

Chemistry scholarships
The Department of Chemistry typically offers up to ten scholarships for UK-based students and up to ten scholarships for overseas students.

“I think one of the best things you can do is to have a weekly budget and keep all your receipts each week – this enables you to see where your money is going and if any is being spent unnecessarily! Here at York there is a wide range of support available when it comes to finances – from college tutors and the finance staff in the Students’ Union, and of course the University’s Financial Support office. I’ve received invaluable advice from all three of them when I’ve struggled to budget effectively.”

MIRANDA, LLB LAW, 2ND YEAR
Electronics scholarships
Up to ten scholarships are awarded to the most outstanding first year UK/EU entrants in the Department of Electronics.

The Annie Curry Williamson Scholarships
This scholarship was worth £1,500 per year in 2014/15 and is currently being reviewed. Please check our website during the summer of 2015.

For the most up-to-date information about scholarships and bursaries please visit www.york.ac.uk/study/undergraduate/fees-funding.

Scholarships for overseas students
The University offers a number of scholarships each year for students who pay fees at the overseas rate. Students must have received an offer for their degree programme in order to apply. For further information about these scholarships please visit www.york.ac.uk/study/international/fees-funding/scholarships.

Managing your money
Living on a student budget can be a challenge but we supply a number of sources of help and advice. We provide written information about costs and student support to all of the students we offer places to and we refer all new students to our online Student Money Guide – specific to the year of entry – to assist in financial planning. If your circumstances are complex and it is not obvious what support you might be able to access, please contact one of our Welfare Advisers.

Paid employment
Many students obtain part-time work in term time and most work during the University vacations. The Students’ Union advertises job vacancies, as does Careers, which helps students find casual, seasonal or part-time work in the local area. Having a job not only improves your finances, it also gives you valuable skills and experience for the world of work, which can help strengthen the applications you make for your future career. The University recommends that you do no more than 16 hours per week paid work in term time.

Student Support – Student Adviser
For information about your entitlements
Tel: +44 (0)1904 324140
Email: student-support@york.ac.uk

Student Support – Disability Advice
For information about the Disabled Students’ Allowance and other sources of help
Tel: +44 (0)1904 324785
Email: disabilityservices@york.ac.uk

Student Support – Financial Support
For information about scholarships, bursaries and US federal loans
Tel: +44 (0)1904 324043
Email: student-financial-support@york.ac.uk

The most up-to-date finance information can be found on the following websites:
www.gov.uk/student-finance
www.ucas.com
www.york.ac.uk/students

The campus is very close to the city so you can easily walk or cycle to the centre of York
Applying to York

When you apply to the University of York your application is processed by the Admissions team. You can contact us at any time before or during the application process and we will be happy to give you help and advice.

How to apply

All applications to degree programmes at York must be made through UCAS (the Universities and Colleges Admissions Service). Information on how to apply can be found at www.ucas.com.

Through your school or college

All UK schools and colleges (and a number of international schools/colleges) are registered with UCAS. You will complete your application online and submit it to a member of staff at your school or college. After checking the details and adding a reference, your school or college will submit the application online to UCAS. UCAS will charge an application fee.

Independently

If you are not at a school or college registered with UCAS then you will need to apply online independently. As an independent applicant, you will be responsible for paying the application fee and submitting your completed application to UCAS. You will need to contact your referee to make sure they are willing to give you a reference using UCAS’s secure online method. UCAS will notify you when the reference is complete. You can then complete and submit your application.

When to apply

UCAS opens for new applications for entry in 2016 in September 2015. We recommend that you apply as soon as you feel you have made the right choice of programmes and institutions. We guarantee equal consideration for all applicants who apply for Medicine at the Hull York Medical School by 15 October 2015. For all other programmes at York, we give equal consideration to applications submitted by 15 January 2016. We will consider applications received after this date if places are available, but we cannot guarantee they will be given the same level of consideration as those which arrive on time.

What happens to your application?

When you apply, UCAS sends your application electronically to the Admissions team at York. Each department handles admissions differently, so you may hear next directly from the Department, from the Admissions team, or from UCAS. In each subject section of this prospectus you will find details of the Department’s selection policy and programme requirements. Details of typical offers for some qualifications are given on the title page of each subject section. These are intended as a guide and may change after publication of the prospectus. You should check the typical offer for your chosen programme on our web pages, or at www.ucas.com, before you submit your application.

Since some programmes are oversubscribed, there is no guarantee that applicants who have, or are predicted to achieve, grades equal to or above the typical offer will be made an offer.

What happens if we make you an offer?

If we make you an offer of a place, we will give you access to You@York, the personalised website where you can get
Tackling a gap year

All departments are willing to consider applications for deferred entry in 2017. If your plans change after you have applied, please let us know as soon as possible if you wish to reconsider your application for an alternative year of entry.

Students with disabilities

The University has an explicit policy of accommodating students with disabilities. We believe those with disabilities should have access to the full range of academic, cultural and social activities the University offers. The University will undertake all reasonable steps to meet both the general need for access and the specific needs of individuals with disabilities.

Information regarding disability has no bearing on the academic assessment of your application.

More information about Disability Advice can be found on page 17.

Younger applicants

The University considers applicants on the basis of academic attainment and potential to benefit from the programme they apply for irrespective of age on entry.

All applicants who will be under the age of 18 at the point of entry need to understand they will be studying in an adult environment and there may be some limitations on the options for accommodation available to younger students.

We also ask applicants under the age of 18 at the point of entry to nominate an appropriate adult to confirm that they will remain legally responsible for the student until they reach their 18th birthday, and to accept responsibility for the contractual obligations the student under 18 enters into with the University.

Mature applicants

The University welcomes mature applicants. In recent years about 12 per cent of new students have been mature students and in some departments the proportion is much higher. Mature students come to us from a wide variety of backgrounds and with a range of qualifications and experience.

Mature students are not required to have the same academic qualifications as school-leaving applicants, but you will be expected to show enthusiasm and motivation, to have some recent successful experience of study, and to have work or subject expertise if required.

Our departments have a great deal of experience in advising mature students and you may find it helpful to contact the appropriate Admissions Tutor who will be able to give details of entry policies.

University of York Access Scheme

The aim of the University of York Access Scheme is to improve access to the University for applicants who have faced challenges – social, personal or educational – which may have affected their performance in education. It allows applicants to provide additional information to the University alongside their UCAS application. We also provide additional support to Access Scheme students both before they start their studies and in the first weeks of term.

To find out more about the University of York Access Scheme and whether you are eligible to apply, visit www.york.ac.uk/study/undergraduate/applying/access-scheme.

General entry requirements

The University considers a wide range of qualifications for entry, so you can be assured of flexible and individual consideration of your qualifications profile.

A/AS levels

Most school-leaving applicants from England, Wales and Northern Ireland apply with four or more A levels. Full details are given on our website. Some applicants offering a wide range of qualifications for entry, so you can be assured of flexible and individual consideration of your qualifications profile.

A/AS levels

Most school-leaving applicants from England, Wales and Northern Ireland apply with four or more A levels. Full details are given on our website. Some applicants offering a wide range of qualifications for entry, so you can be assured of flexible and individual consideration of your qualifications profile.

A/AS levels

Most school-leaving applicants from England, Wales and Northern Ireland apply with four or more A levels. Full details are given on our website. Some applicants offering a wide range of qualifications for entry, so you can be assured of flexible and individual consideration of your qualifications profile.
**English language requirements**

Applicants whose native language is not English are normally asked to provide evidence of English language ability. Exceptions may be made where an applicant’s other qualifications provide sufficient evidence of ability to use English in an academic setting at degree level.

The most commonly provided qualification is the IELTS test. Most departments ask for an overall score of at least 6.5 and may specify a particular level of achievement in one or more of the component parts of the test (Listening, Speaking, Reading and Writing) of no less than 5.5.

Other qualifications which may be used to demonstrate English language ability are Cambridge Advanced and Proficiency, GCSE in English Language and the Pearson Test of English.

A breakdown of each department’s typical IELTS requirement is given on the departmental title page in this prospectus. For details of requirements in other English language tests, visit www.york.ac.uk/study/undergraduate/applying/entry/english-language.

Some applicants who have achieved 6.0 in IELTS but need 6.5 to fulfil a department’s requirement may be able to attend an eight-week pre-sessional course and will be able to progress to their academic course if they are successful in the end-of-course test. More information about this scheme can be found at www.york.ac.uk/celt.

**Admissions policy**

The University is committed to excellence in admissions and aims to provide a professional and fair service for applicants.

The University aims not only to select students who have the ability and motivation to benefit from the programmes they intend to follow and who will make a contribution to university life, but also to ensure that no prospective or existing student is treated less favourably on the grounds of age, race, colour, nationality, ethnic origin, faith, disability, HIV status, sexual orientation, gender, marital or parental status, political belief or social or economic class.

The University’s complete Undergraduate Admissions Policy can be found on the Admissions Team website.

**Information and advice**

The Student Recruitment and Admissions office at York is happy to deal with individual enquiries and to provide information to teachers and schools or to careers advisers about the University and its programmes. We can help to arrange talks on higher education, university application procedures and subject-related topics within the region.

Student recruitment staff attend more than 50 higher education exhibitions every year, all over the UK. At these events, you can find out about York programmes, entry requirements, finance and facilities. There are also many opportunities to visit the University.

**Visiting York**

**Open Days and pre-application visits**

Visiting the University, either at one of our popular Open Days or independent visits, is the best way to find out about our courses, our campus – and the beautiful city of York.

Dates of pre-application Open Days in 2015 are Friday 26 June, Saturday 27 June, Saturday 19 September and Monday 21 September.

Booking for Open Days is essential, either online at www.york.ac.uk/openday or by telephoning +44 (0)1904 323529 from early April (for the June events) and from July (for the September events). Booking will close approximately two weeks prior to the event or earlier if bookings reach capacity.

**Independent visits**

For independent visits we can provide you with a map of the campus and a self-guided tour leaflet or you can access these at www.york.ac.uk/study/visit/independent-visits.

**Post-application visit days**

If you are made an offer or asked to attend an interview, you will be invited to a departmental visit day. These post-application visits offer the opportunity to hear about our programmes in more detail and to talk to current students. Tours of the campus and information about accommodation and other facilities are also provided.

**Widening participation**

The University is keen to see a socially and culturally diverse student population at York. To create this we work with schools and colleges, local authorities and various partnerships as well as with further and higher education partners. Activities range from day visits to longer-term programmes.

The University is a partner in the ground-breaking Realising Opportunities programme in which 15 leading research-intensive universities work together to promote social mobility and fair access to students from under-represented groups.

York leads the regional Excellence Hub which has developed exciting opportunities for high-achieving young people to help enrich their experiences in school/college. You can find out more about the Excellence Hub at www.york.ac.uk/excellencehub.

We run very successful residential events for young people from all backgrounds. We continue to develop innovative activities to support our outreach programme, including Shine, a programme for students in Years 6–11, and Next Step York for Years 12 and 13 students. Other projects include The Big Deal, an enterprise competition involving some of the world’s largest companies.

Schools, colleges and partnerships wishing to involve the University in widening participation activities, or find out more about our programmes, should contact the Widening Participation team.
Multiplier for $G$ is $1$ and

Conclusion:

Taking into account the
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Archaeology makes you think about people, society and the environment in both the past and the present, with rigorous training in evaluating evidence and ideas. It is hard to think of a better place to follow Archaeology than York, where the city itself is both a setting and a subject for your studies.

Programmes

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Natural Sciences - see page 147

Key facts

Admissions Tutor: Dr Aleks McClain
Telephone: +44 (0)1904 323903
Website: www.york.ac.uk/archaeology
Email: archaeology@york.ac.uk

2014 Applications: 400
2014 Admissions: 84

Typical offers

MATURE STUDENTS
Mature students are welcomed and considered individually

A LEVELS
ABB/BBB

IB DIPLOMA PROGRAMME
34/31 points

SCOTTISH QUALIFICATIONS
AAABB/AABBB

BTEC EXTENDED DIPLOMA (QCF)
DDM

OTHER QUALIFICATIONS
For details of other acceptable qualifications go to www.york.ac.uk/admissions

English as a foreign language

IELTS 6.5 with at least 5.5 in all units
We are a friendly department with a strong sense of community; we get to know our students individually.

Studying Archaeology

Archaeology is the study of the human past and its material culture. We are interested in all aspects of past lives and societies: ideology, power, economy, social organisation, art, technology, and interaction with the natural environment. Archaeology is also intensely concerned with the relevance and significance of the past in the present, and how the past is valued and presented to the public. Archaeology is naturally interdisciplinary, so it appeals to students coming from an arts and humanities background, such as history, as well as those trained in the social and natural sciences.

Archaeology at York

Our curriculum focuses on both the academic and the practical aspects of archaeology, so you can use your degree to take you to the next stage of your life and career. The Department received a perfect score for its teaching quality, and consistently scores highly in the National Student Survey and annual league tables.

Archaeology at York is a magnet for those with archaeological interests, putting you in touch with the world of archaeology. From the first year to the final year, you will learn from an enthusiastic and enthusiastic staff, and be involved in cutting-edge research.

“I was attracted to Archaeology at York because of the variety of the programme – from the broad overview in the first year to the choice of specialist modules as the course progressed. I thoroughly enjoyed the Buildings History part of our second year practical skills module and found working with original plans for York’s beautiful historic houses really absorbing. But more than anything it is the enthusiasm and passion of the staff in the Department that makes Archaeology at York so special – everyone is willing to go the extra mile to provide guidance.”

REBECCA, BA HISTORICAL ARCHAEOLOGY, 3RD YEAR

What you study

Archaeology

York is a magnet for those with archaeological interests, putting you in touch with the world of archaeology. From the first year to the final year, you will learn from an enthusiastic and enthusiastic staff, and be involved in cutting-edge research.
everyday contact with archaeologists actively engaged in fieldwork, research and the presentation of archaeology to the public. The BA in Archaeology allows you to explore the past and its people from a primarily humanities-based perspective, while the BSc has a primarily science-based perspective, although all of our degree courses involve learning skills and techniques in both the sciences and the humanities.

All our degrees share a common first year, introducing you to the wide range of periods and cultures that archaeologists study, and the methods they use. You will learn about historical research and scientific dating techniques, how we record and analyse material culture, and survey, excavate and interpret landscapes, sites and buildings. We also train students to think about the history and theory of archaeology, considering the intellectual development of the subject, our relationship with other disciplines, and our responsibilities to present communities. Throughout the first year you will also be doing archaeology. Students will go on field trips, and be trained in fieldwalking, geophysical and topographic survey, buildings recording and the Department’s research excavations.

In your second year you begin to specialise, choosing from a wide range of option modules in prehistoric and historical archaeology. These modules explore how themes such as power, identity, memory, symbolism, and social relationships were expressed in different time periods and cultures. You also get a chance to explore archaeology at a global scale, from Europe to Ancient Egypt to the New World. The second year also gives you the opportunity to develop your practical and team-working skills, in a range of hands-on modules. You will develop your independent research skills through a series of workshops, and you begin to plan your dissertation. The dissertation is your opportunity to get your teeth into a particular topic of your choosing, undertaking an original programme of in-depth research and writing. Like our seminar and workshop modules, the dissertation also provides you with a wealth of transferable communication, presentation and management skills, which feed into the development of your personal employability plan and any work and volunteer experience you undertake outside the classroom.

Your final year sees you tackling the subjects that interest you in even greater depth. These small-group modules comprehensively explore a topic closely related to a member of staff’s own research, such as human evolution, ancient DNA, Viking Age Britain, battlefield archaeology, the archaeology of Christianity, or the interiors of historic buildings. In these modules, you will build on the skills developed in Years 1 and 2, playing an increasingly active role in setting agendas, chairing discussions and giving professional presentations. Working closely with a supervisor and in group workshops, you also complete the research and writing of your dissertation, and you will cap your three years by delivering a formal lecture on your dissertation findings to an audience of your peers and staff. Tutors and supervisors will also provide you with guidance about what happens after your time with us – writing a CV, finding a job, or pursuing further training and research in your chosen field. After graduation, your relationship with York doesn’t end. As one of our departmental alumni, you can maintain a lifelong connection with us through the web and other alumni events.

**Historical Archaeology**

Historical Archaeology explores those periods of the past for which texts and documents also survive, which means that you will not only become expert in working with material culture, but also be trained to use evidence from documentary sources. You will critically consider the relationship between material culture and texts from the Roman period up to the 21st century, and take on the unique challenges which face archaeologists working in documented periods. In Historical Archaeology you will
study the landscapes, settlements and buildings of past societies, the documents they wrote, the art and artefacts they made, and the graves and monuments they used to commemorate their dead. We are also passionate about ‘the past in the present’ – making history matter in today’s society.

Historical Archaeology enables you to pursue interests you already have and discover others you may never have thought of. You will learn how to carry out research in the field and in archives, and how to integrate material evidence, historical documentation and digital resources to answer important questions about the past.

Bioarchaeology
Archaeologists study the human past through not only the material culture of past societies, but also the remains of plants and environment, animals, and even the people themselves. Bioarchaeology (applying biological and chemical sciences to archaeology) brings new and exciting techniques to the discipline, and is increasingly important to our understanding of the past. Bioarchaeology attracts people from a wide range of backgrounds, but typically appeals to students who have a good grounding in the sciences and an interest in using those skills to answer questions about people in the past.

Bioarchaeologists investigate what people ate by studying plant and animal waste left on archaeological sites, or use isotopic analysis to find out about diet, where people came from, and whether they travelled long distances in their lifetimes. Ancient populations come alive through the study of their bones and DNA, or you can examine their material culture made from plants and animals, such as wool clothing, parchment, and bone and antler artefacts.

At York we have a large team working on a wide array of bioarchaeological research, and you will have the chance to make cutting-edge discoveries alongside us in specialist laboratories. York is also home to the interdisciplinary BioArCh centre, in which staff from the Departments of Archaeology, Biology and Chemistry come together to formulate scientific approaches to understanding the past. Our expertise includes human bones, shells, fish and animal bone, plant remains and pottery residues. We explore these remains through biomolecular analyses of isotopes, ancient DNA, proteins and lipids. Through lectures, workshops, seminars and practicals, you will learn about these methods, develop your lab skills, and participate in new research.

Specific modules on biomolecular archaeology provide a broad understanding of the principles and methods of biochemistry, isotope chemistry and molecular biology and develop essential skills, including zooarchaeology, human osteology, geoarchaeology and biomolecular approaches to the historic environment. The programme also explores human evolution, the uses and abuses of ancient DNA and its integration with modern genetics, as well as the interplay between forensic science and archaeology.

Archaeology and Heritage
Cultural heritage consists of the legacies of past human activity, with a particular focus on those that have persisted into the present. These can be physical things like buildings and archaeological sites, artefacts, and the visible and ‘tangible’ landscape, but heritage can also be ‘intangible’: like cultural traditions and dialects. This socially important programme will give you skills to meet the intellectual and creative challenges of a career protecting and presenting heritage, whether in museums, government, or the public and private sectors. You will explore the reasons why certain places, objects or areas are valued, and what happens when everyone does not share these values. The programme also focuses on how heritage is managed and innovatively interpreted for the wider public.

Students on this degree programme will combine depth of knowledge about the human past with informed and practical understanding of what that knowledge represents in contemporary society, and how it can be best managed for the future: in short, why the past matters and to whom.

Teaching and learning
Formal lectures are used to introduce subjects and present evidence for further discussion, but are only one part of our teaching approach. We emphasise small group teaching and student contributions in seminars, encouraging an atmosphere of debate, discussion and mutual enquiry. We also teach you a range of practical skills in labs, archives and museums, and in the field. We also make use of the archaeological and historical resources on our doorstep. Site visits in...
York and Yorkshire are an integral part of all our degrees.

Study abroad
The Department offers opportunities to study abroad in your second year, through one of our departmental initiatives or through University schemes. See our website for further details. Outside term time, staff projects and excavations may provide the chance to volunteer and travel in Europe or overseas, and we can also give advice about attending field schools or opportunities offered by other organisations.

Assessment
The Department makes use of a wide array of assessment methods which help you develop your skills in the classroom, in the lab and in the field. This enables students to play to their established strengths, as well as to improve in new areas. Some modules are assessed by traditional written examinations and essays, while others are assessed through a variety of innovative assignments, including team projects, critiques, presentations and practical tests. The dissertation provides an opportunity to carry out in-depth, independent research on a topic that is relevant to your degree course and which emerges from your own interests. Our range of assessments is designed to improve your abilities in written and oral communication, critical thinking and analysis, and practical knowledge, all of which are valuable transferable skills to take with you into your eventual career.

Admissions
We warmly encourage all potential students to attend one of the University’s Open Days to meet staff and students and find out more about our programmes. Applicants who receive an offer are invited to a visit day at the Department to get a first-hand experience of Archaeology at York. You can take a tour around the King’s Manor and our facilities, participate in a workshop, and meet current undergraduates to find out about the student experience.

We welcome applications from students taking a wide range of A level or equivalent subjects, and we are happy to accept a mix of subject interests across the humanities, social sciences, and sciences. Our typical offer levels are listed on page 45. After a full assessment of a candidate’s UCAS application, the lower offer may be made to students who show a clear enthusiasm for and commitment to Archaeology through independent study, volunteer experience or involvement with heritage organisations. We encourage applications from mature students, who are a valued part of our student community. Their applications are considered sympathetically and on an individual basis, as are those of students applying through the University’s access schemes and widening participation initiatives. Further information about the Department and our programmes can be obtained from our website, or by contacting the Admissions Tutor.

WHAT NEXT?
A degree in Archaeology provides an excellent foundation for practically any career. Our curriculum provides students with a wealth of transferable skills which are highly valued by employers, and which give York students an edge in the workplace. We train students to think critically and analytically, and they gain experience working independently, as well as in teams, organising and participating in group projects and fieldwork. Our dedication to small-group teaching and a variety of assessment types builds students’ confidence in time management, giving presentations, and constructive discussion and debate.

Many of our students pursue careers within the archaeology and heritage sectors. They work at institutions such as English Heritage and the National Trust, at museums, in local councils, for archaeology and heritage charities and tourism sites, or for professional consultancies and field units. Others find work as lab scientists or technicians, as teachers of history and archaeology, or in the media as journalists, publishers, researchers and presenters. Many of our students choose to go on to further vocational or research training at postgraduate level, within archaeology or in cognate disciplines. Outside archaeology, our students find work in an extremely wide range of careers, such as civil service, law, the police, business and management, financial services and IT. Your career options are limitless with a York Archaeology degree. Examples of jobs our graduates have gone on to include:

- Community archaeologist for the Royal Commission
- Architectural researcher for a media company
- Heritage protection co-ordinator
- Assistant curator for a national historic charity
- Graduate trainee for a multinational retailer
- Research assistant for a university
# Biochemistry

## Programmes  

<table>
<thead>
<tr>
<th>Biochemistry</th>
<th>UCAS</th>
</tr>
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<tbody>
<tr>
<td>Biochemistry</td>
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</table>

Courses are three-year programmes unless otherwise stated.

## Key facts

- **Admissions Tutors:** Professor Gideon Grogan and Dr Setareh Chong
- **Telephone:** +44 (0)1904 328548
- **Website:** [www.york.ac.uk/biology](http://www.york.ac.uk/biology)
- **Email:** biol-admissions@york.ac.uk

<table>
<thead>
<tr>
<th>2014 Applications</th>
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</thead>
<tbody>
<tr>
<td>2014 Admissions</td>
<td>68</td>
</tr>
</tbody>
</table>

## Typical offers

**MATURE STUDENTS**

Mature students are welcomed and considered individually.

**A LEVEL**

AAA/AAB

**IB DIPLOMA PROGRAMME**

36/35 points including HL 6 in essential subjects

**SCOTTISH QUALIFICATIONS**

AAAAA/AAAAB at Higher and AA/AB at Advanced Higher level

**BTEC EXTENDED DIPLOMA (QCF)**

DDD

**OTHER QUALIFICATIONS**

For details of other acceptable qualifications go to [www.york.ac.uk/admissions](http://www.york.ac.uk/admissions)

## Essential subjects

- Chemistry and either another science or Mathematics
- AS level or equivalent in relevant language for year in Europe programmes (excluding exchange with Denmark)
- Excluding General Studies

## English as a foreign language

IELTS 6.5 with at least 6.0 in all units

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Two outstanding departments combine to deliver a contemporary and exciting programme at the interface of the biological and chemical sciences.
I chose York because Biochemistry is taught across the Departments of Chemistry and Biology so you gain a strong foundation in both subjects and the final year research project can be in either or both areas. The staff are enthusiastic and willing to help with any aspect of the course, and for tutorials we can pick tutors who match our research interests. I’ve most enjoyed learning about the history of medicine alongside the design of modern medicines in Chemistry in Disease, and lab work, which is great preparation for our own research projects.”

EMILY, BSc BIOCHEMISTRY, 3RD YEAR

“I chose York because Biochemistry seeks to understand the molecular basis of the structure and processes of life and has a vital role to play in the issues of today. Biochemistry at York

The Biochemistry degree programme is a collaboration between the Departments of Biology and Chemistry which have excellent reputations for teaching and research, with both departments performing strongly in the 2014 Research Excellence Framework. The world-class Structural Biology Laboratory in the Department of Chemistry is now located in the new Biology building, leading to even closer integration of biochemists in the two departments. Important areas of biochemical research at York include structural biology, molecular microbiology, bacterial toxins, cancer, infection and immunity, plant biochemistry and genetics, genetic engineering, developmental biology and bioinformatics.

During your degree you will also receive excellent training in transferable skills, invaluable in finding employment after your degree.

Studying Biochemistry

This is a very exciting time for biochemistry. The enormous quantities of DNA and protein sequence data and the consequent understanding of organisms at a fundamental level give great opportunities for new insights and for important biotechnological advances. Biochemistry seeks to understand the molecular basis of the structure and processes of life and it has a vital part to play in dealing with many of the important issues of today: human health and disease, the uses of biotechnology and the problems of feeding and fuelling the world’s growing population.

Biochemistry trains you to approach difficult problems in a rigorous and logical fashion. Thus a Biochemistry degree equips you not only for a career in areas allied to biochemistry, but also in other fields, for example in industrial management or other types of administration.

Our programmes

The two departments collaborate to deliver an integrated Biochemistry degree that may be studied either as a three-year BSc programme, a four-year BSc programme with a year in industry or a year in Europe, a four-year integrated Masters programme (MBiochem), or a five-year integrated Masters programme with either a year in industry or a year in Europe (MBiochem). There is a high degree of flexibility in interchanging between these courses – ideal if you are not yet sure whether you wish to do an integrated Masters, or spend a year in industry or a year in Europe.

Integrated Masters option

Our integrated Masters programmes enable you to extend your course to include a postgraduate-level qualification (MBiochem). The final year includes an extended research project, where the majority of your time is spent in the Department’s research laboratories, and distinct Masters-level modules. The MBiochem allows you to focus in on a career as a research scientist at an earlier stage, provides additional experiences and challenges and gives you an advantage when you start a career as a professional scientist, or when going on to do a PhD.

Biochemistry with a year in industry

In this programme, we place students with a wide range of employers such as AstraZeneca and GlaxoSmithKline where students join drug-discovery teams, and research centres such as The Genome Analysis Centre. The year’s research experience is supported financially by the employer. An academic co-ordinator will help you to find a placement, and students receive support from the Department during their year away.
Biochemistry with a year in Europe

We currently have exchange programmes with the University of Grenoble (France), the Universities of Bayreuth and Jena (Germany), the University of Valencia (Spain) and the University of Aarhus (Denmark). Some financial support to assist with extra costs may be available from the EU-funded Erasmus scheme. Applicants for the C701 or C707 programme should have language abilities to a good AS or A level standard equivalent (except for the Denmark exchange programme where there is no language requirement). Additional language tuition is available during the first two years.

What you study

The first year is a Foundation Year which is taken by all Biochemists. There is some choice of modules in the second year, and a wide choice in the final year, allowing you to tailor your studies to suit your individual interests.

In Year 1, you take modules in core topics, half of which are taught by academic staff from the Department of Chemistry and half from the Department of Biology.

- Foundation Chemistry for Biochemists covers essential aspects of organic, inorganic and physical chemistry relevant to the understanding of biomolecules.
- Molecular Biology and Biochemistry explores the relationship between structure and function at the molecular and cellular levels.
- Genetics considers how DNA is organised and expressed in a variety of organisms, from the smallest bacteriophage through to human beings.
- Microbiology/Cell and Developmental Biology examines the fundamental processes of diverse living things.
- Biochemical Skills 1 provides an introduction to the design, execution and presentation of biochemical experiments and to some of the fundamental biochemistry techniques. It will also introduce Biochemists to the analysis and understanding of the properties and behaviour of biological molecules.

In Year 2, you will study a number of core subjects and have a choice of options. Major streams within the second year of the programme are:

- From Gene to Function
- Protein Chemistry
- Cell Biology
- Biochemical Skills 2. This module includes sets of small group tutorials in which you cover subjects you are interested in throughout the term of study. Taught elements cover the design and interpretation of experiments, and advanced biochemical methods.

In Year 2 you will also take a module in Molecular and Cellular Physiology, as well as having a number of option modules to choose between, such as:

- Molecular Biotechnology
- Developmental Biology
- Neurophysiology
- Chemistry and Disease Immunology.

In the final year of the BSc you will:

- conduct an independent Research Project. This 18-week project will run throughout the Autumn and Spring Terms, and will give you an opportunity to carry out a novel piece of scientific research in an active research laboratory environment where you will have the support of academic staff and their research groups.
- take six option modules covering areas of contemporary scientific importance such as:
  - Cancer and the Cell Cycle
  - Molecular Machines
  - Neuroscience
  - Molecular Microbiology
  - Analytical and Forensic Chemistry
  - Systems Biology
  - Cell and Tissue Engineering
  - Developmental Biology
  - Proteins and Disease
take Biochemical Skills 3. This module focuses on problem-solving skills, writing an extended Open Essay dissertation, developing a deeper appreciation of the application of scientific methods, and learning how to read and appreciate the scientific literature.

Four-year MBiochem students will take eight option modules in Year 3, then a further year of training that focuses on an extended research project and Masters-level modules.

Teaching and learning
Teaching involves lectures, tutorials, practical classes and a research project in the final year. A programme of tutorials in Years 1 and 2 provides opportunities for discussion of chemical and biochemical topics in small groups. Practicals provide experience of essential laboratory techniques and experimental design. In the final year, you undertake a research project which is written up as a short thesis.

Assessment
All modules throughout the programme are assessed, using a mixture of closed examinations and continuous assessment for practicals, tutorials and open essay assignments. Marks from the first year do not count towards the overall degree. For the BSc, the second and third year contribute 40 per cent and 60 per cent to the final mark; for the MBiochem, the second year contributes 25 per cent and the third and fourth year 37.5 per cent each.

Admissions
We normally make offers on the basis of information on the UCAS form and invite candidates to York for a visit, during which they have a tour of the departments and the campus and talk with staff and current students.

We welcome applicants offering A levels and a wide range of other qualifications of equivalent standard. We require A level Chemistry or its equivalent and two additional subjects other than General Studies at A level, one of which is usually another science or Mathematics. A level Biology is useful but not essential. Offers are made to candidates who fall outside the normal A level mode on the basis of their Chemistry, with Biology and either Mathematics or Physics as supporting subjects.

International students
Applications from international students are welcome. Details of our requirements for a wide range of international qualifications are available on our website, and you are encouraged to contact the Admissions Tutors for advice about specific qualifications.

The Department offers a scholarship of £2,500 per year for an overseas student who pays fees at overseas rates (see our website for details). University scholarships are also available (see page 36).

Study abroad

Studying in Europe
Our four-year programmes with a year in Europe, described above, offer the opportunity to study at a university in France, Germany, Spain or Denmark.

Studying worldwide
It may also be possible to spend your second year at a university in North America, Asia or Australia (see pages 28–29). Since the year abroad replaces the second year at York, you would graduate from York after three years.

WHAT NEXT?
Biochemical research underpins advances in areas such as medicine, agriculture and biotechnology. More than 80 per cent of our graduates take a higher degree or enter a career in science and engineering. Our programmes require students to meet the challenge of solving problems and understanding complex concepts, a process which develops skills of value in a variety of other occupations. Graduates have also gone on to careers in management, marketing, accountancy and computing. Positions held by recent graduates at the start of their careers include:

- Science technician for a secondary school
- Assistant diagnostician for a government agency
- Public analyst for a local authority
- Biochemist for a technical consultancy
- PR intern for a communications group
- Compliance officer for a technology company
### Key facts

**Admissions Tutors:** Dr Adrian Harrison and Dr Thorunn Helgason  
**Telephone:** +44 (0)1904 328548  
**Website:** [www.york.ac.uk/biology](http://www.york.ac.uk/biology)  
**Email:** biol-admissions@york.ac.uk  

- **2014 Applications:** 1,490  
- **2014 Admissions:** 165

### Typical offers

- **MATURE STUDENTS**  
  Mature students are welcomed and considered individually

- **A LEVELS**  
  AAA/AAB

- **IB DIPLOMA PROGRAMME**  
  36/35 points including HL 6, 6 in essential subjects

- **SCOTTISH QUALIFICATIONS**  
  AAAA/AAAAB at Higher and AA/AB at Advanced Higher level

- **BTEC EXTENDED DIPLOMA (QCF)**  
  DDD

- **OTHER QUALIFICATIONS**  
  For details of other acceptable qualifications go to [www.york.ac.uk/admissions](http://www.york.ac.uk/admissions)

### Essential subjects

- Biology and either Chemistry or Mathematics  
  - AS level or equivalent in relevant language for year in Europe programmes (excluding exchange with Denmark)  
  - Excluding General Studies

### English as a foreign language

- IELTS 6.5 with at least 6.0 in all units

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**Programmes**

<table>
<thead>
<tr>
<th>Programmes</th>
<th>UCAS</th>
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<td><strong>Biology</strong></td>
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<td>Ecology with a year in industry (5 year)</td>
<td>C187 MBiol/MEco4</td>
</tr>
</tbody>
</table>

Courses are three-year programmes unless otherwise stated

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Biology at York has an international reputation and outstanding facilities. Regular small group tutorials are a distinctive and popular part of our teaching, contributing to the friendly supportive atmosphere.
Our flexible programmes allow you to maintain a broad approach to Biology, or to specialise in a particular area.

Studying Biology

Biology is the science of the 21st century. Monumental advances and achievements are transforming our knowledge about living systems and having a tremendous impact in areas as diverse as medicine, biotechnology and ecology. Biology has a vital part to play in shaping our future and coping with many problems of our modern world, from human health and disease to the widely acknowledged global environmental issues.

Biology at York

Our degree programmes are designed to stimulate your interest in the most significant areas of modern biology, and we encourage our students to develop a lasting enthusiasm for the subject. A key feature of the Department is the absence of barriers between disciplines. We offer degree programmes and undertake research across the whole spectrum of contemporary biology, from molecular and cellular biology, genetics, microbiology and biotechnology to ecology.

The Department is recognised for the quality of both its teaching and its research. In the 2014 Research Excellence Framework assessment, the Department was ranked eighth for overall performance and first for research impact. We have well-equipped research laboratories, a state-of-the-art technology facility, and specialist units in cancer, immunology and infection, stem cells and tissue engineering, plant sciences and environmental studies. This top-ranking research environment contributes to the distinctive character of our teaching, where teaching and research are combined.

We are consistently ranked in the top five in all major league tables and in the recent National Student Survey our Biology degree programmes achieved an ‘overall satisfaction’ rating of over 96 per cent. Our teaching programmes ensure a highly supportive learning environment. Our students particularly value the regular close contact that they have with members of staff in our well-developed tutorial system. As well as providing the opportunity to explore areas of special interest, tutorials encourage you to adopt a critical approach to a wide range of problems. Throughout the programme you will receive excellent training in transferable skills such as presentation teamwork, invaluable in finding employment after your degree. All this is delivered in up-to-date teaching laboratories, lecture theatres and computer rooms.

Students have a personal supervisor, whose role is both academic and pastoral. They provide advice about your academic choices and progress, and can help you with any other problems. Some staff have special responsibility for mature entrants or international students.

Our students play an active part in the life of the Department. Each year group has student representatives on the teaching boards and on our staff–student liaison committee and we seek feedback from students on all aspects of our teaching. Undergraduates also attend talks given by distinguished external speakers in our York Biology lecture programme. There is an active Biosciences Society with guest lectures, sports and social events, and many students play an important role helping with our outreach activities, demonstrating scientific experiments to local schoolchildren and participating in the York Students in Schools programme.

Our programmes

We offer programmes in Biology and a number of specialist areas (Molecular Cell Biology, Genetics, Biotechnology and Microbiology, Ecology). All can be taken as three-year BSc programmes, four-year BSc
Above Small group tutorials are an important part of the course
Left Students use state-of-the-art equipment in their final year projects

Small group tutorials are an important part of the course.

Students use state-of-the-art equipment in their final year projects.

Programmes with a year in industry or a year in Europe, four-year integrated Masters programmes (MBiol) or five-year integrated Masters programmes with either a year in industry or a year in Europe (MBiol).

All programmes have a common first year, so there is a high degree of flexibility to interchange (subject to meeting progression criteria) – ideal if you are not yet sure what area of the subject interests you most or whether you wish to spend a year in industry or a year in Europe.

**Biology and specialist degree programmes**

You can either take a flexible broad-based Biology degree programme, spanning the breadth of contemporary biology – a good choice if you are interested in maintaining an interdisciplinary approach to biology – or choose a specialist degree programme in the following areas.

- **Molecular Cell Biology** aims to provide an understanding of biological processes at the molecular and cellular levels, from structure/ function relationships of proteins and nucleic acids through to immunology, genetic engineering and cancer.

- **Genetics** is the unifying theme of biology, determining cellular and organismal processes, and acting as the link between generations. It ranges from molecular studies of genes through human genetics to the genetics of populations and evolution.

- **Biotechnology and Microbiology** allows you to focus on two aspects of biology of particular relevance to the application of biological knowledge to economically important areas such as health, food and the environment.

- **Ecology** covers both fundamental ecology, from evolution to the structure of populations and communities, and its applications in conservation and environmental biology.

**Integrated Masters option**

Our integrated Masters programmes enable you to extend your course to include a postgraduate-level qualification (MBiol). The Masters year includes an extended research project where the majority of your time is spent in the Department’s research laboratories and distinct Masters-level modules. The MBiol allows you to focus in on a career as a research scientist at an earlier stage, provides additional experiences and challenges and gives you an advantage when you start a career as a professional scientist, or when going on to do a PhD.

**Adding a year in industry**

All our programmes can be taken with an optional extra year spent gaining research experience in an industrial or research institute laboratory (between the second and third year of the selected programme). An academic co-ordinator guides you through the process of finding a placement, and students receive support from the Department during their year away. You are paid a salary by the employer during the year’s research experience. We place students with employers to match their interests, ranging from pharmaceutical companies (such as AstraZeneca, GlaxoSmithKline, Lilly, Novartis), medical research establishments (National Institute for Medical Research, Sanger Institute, The Genome Analysis Centre) and government agencies (Food and Environment Research Agency) to botanic and zoological gardens (Royal Botanic Gardens, Kew and Flamingo Land) and environmental organisations (Freshwater Biological Association, North York Moors National Park).

Taking a year out in industry has many benefits, including hands-on experience of working in a research environment, and more generic skills, such as teamwork and time management – invaluable for your final year, and highly prized by prospective employers and PhD supervisors.
Adding a year in Europe

For all of our programmes we also offer the option of spending an extra year studying in Europe. This means that you can take advantage of the benefits of spending a year in Europe, even if you do not have specific language skills. Financial support is available from the European Union’s Erasmus scheme.

What you study

The first year is based around our core modules (see box ‘First year modules’), which are taught primarily through a combination of lectures and practical classes. These provide an introduction to the main areas of modern biology, and lay the foundations for more specialised modules in the subsequent years.

First year modules

In the first year, all modules are compulsory for all students and provide a foundation in all the main strands of the subject.

- Molecular Biology and Biochemistry explores the relationship between structure and function at the molecular and cellular levels. It examines how chemical reactions provide energy and building blocks, and how enzymes provide catalysis and control.
- Genetics considers how DNA is organised into chromosomes and genomes in a variety of organisms, from bacteriophage to humans, and examines gene expression through the processes of transcription and translation. Gene mutations and chromosome aberrations are considered in the context of human genetics and disease, and in terms of their significance in evolution.
- Microbiology reveals how knowledge of the biology of various microorganisms, including bacteria and viruses, has led to the development of genetic engineering and the control of infectious diseases.
- Cell and Developmental Biology examines how fundamental processes within cells are organised and regulated, how cells communicate with one another, and how unicellular and multicellular organisms divide and reproduce.
- Animal and Plant Biology highlights interactions between organisms and their environment, at the level of individual organisms and ecosystems through to biomes. It includes an introduction to animal behaviour and how the diversity of both animal and plant species, and their anatomical and physiological adaptations, have been shaped by evolutionary processes.

In addition, a module covering essential scientific and transferable skills, including tutorials, runs throughout the first year.

Teaching and learning

Teaching involves lectures, seminars, tutorials, practicals, projects and fieldwork. Lectures offer a stimulating perspective on a subject and encourage you to study further. Some modules incorporate student-led seminars based on recent research papers or topics of current scientific interest.

Tutorials are one of the most popular and distinctive aspects of our programmes, and they provide an opportunity for groups of just four students to hold regular informal discussions with a member of staff. As well as developing your enthusiasm for the subject they help
Undergraduate students carrying out laboratory practical work in our teaching laboratories.

**Second year modules**

Students select modules from the provisional list below. For students registered for specialist degree programmes, a number of core modules in each term will be compulsory.

<table>
<thead>
<tr>
<th>Behavioural Ecology</th>
<th>Mechanisms of Genetic Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell Biology</td>
<td>Metabolism in Health and Disease</td>
</tr>
<tr>
<td>Developmental Biology</td>
<td>Molecular Biotechnology</td>
</tr>
<tr>
<td>Environmental Ecology</td>
<td>Neuroscience</td>
</tr>
<tr>
<td>Evolutionary and Population Genetics</td>
<td>Organisms in their Environment</td>
</tr>
<tr>
<td>From Gene to Function</td>
<td>Population Biology</td>
</tr>
<tr>
<td>Immunology</td>
<td>Postgenomic Biotechnology</td>
</tr>
<tr>
<td>Marine and Coastal Biology Field Course</td>
<td>Species–Environment Interactions</td>
</tr>
</tbody>
</table>

In addition, a scientific and transferable skills module runs throughout the second year. This includes tutorials, group projects and other sessions aimed at developing experimental design and research skills. You also choose two from a list of specialist experimental and transferable skills areas, which is likely to include:

- BioEnterprise
- Cell Imaging
- Communicating Science to the Public
- Electrophysiology
- Evolutionary Trees
- Genomics
- GIS
- Modelling Biological and Biochemical Dynamics
- Molecular Imaging
- Polymerase Chain Reactor (PCR)
- Protein Interactions
- Systems Biology
- Taxonomy and Collections

**Third year modules**

Biology students have a choice of modules from the list below, while specialist degree students select a set of core modules in their area of interest. The topics cover areas of current scientific importance, and may change from year to year. The following provisional list gives a selection of those currently planned for the 2016 student intake.

<table>
<thead>
<tr>
<th>Advanced Topics in Behaviour</th>
<th>Epigenetics in Development and Disease</th>
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</thead>
<tbody>
<tr>
<td>Advanced Topics in Developmental Biology</td>
<td>Eukaryotic Gene Transcription</td>
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<tr>
<td>Advanced Topics In Immunology</td>
<td>Evolutionary Ecology</td>
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<td>Bacterial Pathogenesis</td>
<td>Global Change Ecology</td>
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<tr>
<td>Biocatalysis</td>
<td>Glycobiology</td>
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<tr>
<td>Biofuels and Biotechnology</td>
<td>Human Genetics</td>
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<td>Bioremediation</td>
<td>Human Molecular Parasitology</td>
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<td>Brain in Health and Disease</td>
<td>Learning and Memory</td>
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<td>Cancer and the Cell Cycle</td>
<td>Molecular Machines</td>
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<td>Cell and Tissue Engineering</td>
<td>Nutrient and Acquisition</td>
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<td>Chromosome Dynamics</td>
<td>Plant Biotechnology</td>
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<tr>
<td>Conservation Ecology and Diversity</td>
<td>Principles of Molecular Virology</td>
</tr>
<tr>
<td>Ecological Genetics</td>
<td>Protein–Protein Recognition</td>
</tr>
<tr>
<td>Environmental Microbiology</td>
<td>Protein Nucleic Acid Interactions</td>
</tr>
</tbody>
</table>

In addition, students take a research skills module that deals with topics of particular relevance to the final year research project and finals examinations, including information retrieval, scientific writing skills and problem solving.

**Masters-level modules**

Students taking the MSci have a choice of the provisional Masters-level courses below.

- Biocomputing and Web Applications
- Computational Systems Biology
- Introduction to (Python) Programming
- Multivariate Data Analysis
- Pattern Recognition and Machine Learning
- Protein Structure Analysis
- Sequence Analysis
- Spatial Analysis
- Statistical Modelling
- Using R for Statistics

In addition, students take a research skills module that deals with topics of particular relevance to the final year research project and finals examinations, including information retrieval, scientific writing skills and problem solving.

**Study abroad**

**Studying in Europe**

Our four-year in Europe programmes offer the opportunity to study at a university in France, Germany, Spain or Denmark (see page 58).
Studying further afield
If you are interested in spending some time overseas during your degree, the University offers a number of opportunities to take part in exchange programmes outside Europe (see pages 28–29).

Assessment
All modules, including the final year research project, are assessed. First year assessments do not count towards the final degree mark, although satisfactory performance is required for progression.

Admissions
We usually make offers on the basis of information on the UCAS form, and invite applicants for interview only where there are special circumstances or unusual qualifications. If we offer you a place, we will invite you to visit us, to see the Department and campus, and to talk to staff and current students.

We welcome applicants offering A levels and a wide range of other qualifications of equivalent standard. A level applicants should have studied Biology and either Chemistry or Mathematics to A level. Preference will be given to applicants with traditional academic subjects as the third A2.

Applicants without Chemistry or Mathematics to at least A level may be considered exceptionally where applicants have attained or are predicted A grades in Biology and two other science subjects at A level (normally Physics and either Geography or Psychology).

Applicants for certain year in Europe programmes are expected to have relevant language abilities, at least to AS or equivalent standard. If not, applicants will be considered for the three-year programme, or for the exchange with Denmark.

Mature applicants, particularly those following appropriate Science Access programmes, are welcome to apply, and are encouraged to contact the Admissions Tutors for advice.

Our selection policy and programme requirements are subject to review, and we recommend that you consult our website for more detailed and up-to-date information. If you have any specific enquiries about our entrance requirements, please email the Biology Admissions Tutors.

International students
Applications from international students are welcome. Details of our requirements for a wide range of international qualifications are available on our website, and you are encouraged to contact the Admissions Tutors for advice about your specific qualifications.

The Department offers a scholarship of £2,500 per year for an overseas student who pays fees at the overseas rate (see our website for details). University scholarships are also available (see page 36).

WHAT NEXT?
Our programmes equip graduates with knowledge and practical skills within the biological sciences, and develop a number of more widely applicable scientific and personal abilities and skills.

Over half of our graduates go on to study for a higher degree, which is well above the national average. Substantial numbers go directly into a career in science while others are appointed to graduate-level positions in roles allied to science.

Employment prospects are diverse, including biological and biomedical research, scientific journalism and publishing, teaching, dietetics and other health-related work, and wildlife conservation. A significant number of our students go on to study postgraduate medicine, and our graduates are also well equipped for careers in other professions, such as finance, management, the media and law. Our recent graduates have begun their careers in areas including:

- Project manager for a large renewable energy company
- Head of operations in the science media
- Research executive in a bioscience investment company
- Molecular technician at a large life sciences company
- Clinical research scientist for a drug development company
- Consumer science assistant for a multinational consumer goods company
Biomedical Sciences at York is an exciting degree programme that will equip its students with the skills and knowledge of the science underpinning medicine.
Students who study Biomedical Sciences will be equipped to bridge the gap from bench to bedside and pursue careers in all aspects of the fight against disease.

Studying Biomedical Sciences

One of the great societal and scientific challenges for the 21st century is improving human health. Combating disease requires a fundamental understanding of the processes that underlie the healthy state and subsequently what goes wrong during the onset of disease. Biomedical science is critical for developing novel drugs and intervention strategies and shaping public health policy.

With the advent of more sophisticated strategies for treating disease, such as the development of personalised medicine, never before has basic science had a greater impact in the clinic. Students who study Biomedical Sciences will be equipped to bridge the gap from bench to bedside and pursue careers in all aspects of the fight against disease.

Biomedical Sciences at York

Biomedical Sciences at York is a new cutting-edge undergraduate degree programme that took its first students in 2014. It focuses on the science underpinning medicine and on excellent scientific research. An understanding of health and disease is best approached from different angles, and a distinctive feature of our programme is that it is delivered by four University departments with outstanding biomedical research activity: the Department of Biology, the Hull York Medical School (HYMS), the Department of Health Sciences and the Department of Psychology.

We therefore offer an interdisciplinary course with breadth and depth in diverse topics such as human biology, pathogens, epidemiology and psychology. The teaching is delivered by non-clinical academic scientists with contributions from clinician-researchers, thus providing strong links throughout the course between your studies, scientific research and clinical applications.

The research environment is exceptional and informs the specialist teaching and topics for final year research projects. Internationally acclaimed research groups in the participating departments are active in areas including cancer biology, epidemiology, cell biology, genetics, tissue engineering, regenerative medicine, immunology and infection and the interface of neuroscience and psychology.

Our programmes

Biomedical Sciences degree programme

The three-year programme focuses on topics relating to medicine and human health taught from the bioscience angle and is informed by current research and scholarship in the biomedical sciences across the University of York.

The programme has many Biomedical Sciences-specific modules arising from expertise in the participating departments and additionally draws upon outstanding relevant modules in Biology. Skills modules and research projects are also taught across multiple departments.

It should be noted that our degree is distinct from accredited Biomedical Sciences programmes that provide training for NHS-based technical careers.

Biomedical Sciences with a year in industry

In this four-year degree, the third year is spent gaining, often paid, biomedical research experience. Students are placed with a wide range of employers, often in pharmaceutical/biotechnology companies,
government agencies and research institutes. During the placement you will undertake a research project that is written up as an assessed report. Students receive guidance from academic staff in finding a placement and continue to receive support from their York supervisor while on placement.

**Biomedical Sciences with a year in Europe**

We can offer a year in Europe. Currently students can be placed in the University of Grenoble (France), Bayreuth or Jena (Germany), Valencia (Spain) and Aarhus (Denmark). There are language requirements but the University can help with the Languages for All courses (see page 25). The year in Europe is after the second year in York.

**Integrated Masters option**

Our four-year integrated Masters programmes enable you to extend your course to include a postgraduate-level qualification (MBiomedSci). The final year includes an extended research project, where the majority of your time is spent in the Department’s research laboratories, and distinct Masters-level modules. The MBiomedSci allows you to focus in on a career as a research scientist at an earlier stage, provides additional experiences and challenges and gives you an advantage when you start a career as a professional scientist, or when going on to do a PhD.

**What you study**

The first year is a foundation year which is taken by all Biomedical Sciences students, while the second and third years comprise a proportion of compulsory core modules and a wide choice of other modules that allow you to pursue your individual interests.

**Year 1**

- Introduction to Biomedical Sciences
- Pharmacology
- Molecular Biology and Biochemistry
- Microbiology
- Cell and Developmental Biology
- Genetics
- Scientific Skills and Tutorials.

**Year 2**

Provisional compulsory modules are:

- Understanding Health and Disease
- Human Reproduction and Development
- Immunology
- Research Skills and Tutorials.

Provisional optional modules include:

- Cell Biology
- Evolutionary and Population Genetics
- From Gene to Function
- Neuroscience
- Developmental Biology
- Metabolism in Health and Disease.

Skills modules in the second year include sessions that address wider issues relating to the field of biomedical sciences, healthcare and related research, that facilitate personal development and professional skills and support career development.

**Year 3**

In your final year, you will study six taught modules and spend two days a week for two terms on an independent research project. Modules focus on the research expertise of the academic staff and are taught primarily from the very latest scientific literature.

Provisional modules include: Advanced Topics in Immunology, The Brain in Health and Disease, Cancer and the Cell Cycle, Cell and Tissue Engineering, Advanced Topics in Developmental Biology, and Molecular and Cellular Parasitology.

The final year research project will often be carried out alongside postgraduate students and research staff in an active research lab. This provides a stimulating environment to develop your research skills. Project topics reflect the wide range of current research in the participating departments.
Teaching and learning

Delivery of the Biomedical Sciences programme follows the successful model of undergraduate teaching in the Department of Biology. Taught elements include lectures, practicals, workshops and tutorials and, in the final year, an independent research project.

Lectures provide key facts and concepts and place factual knowledge in a wider context. Practicals and workshops offer a solid foundation in basic laboratory skills and quantitative analysis and then progress to group projects that emphasise teamwork, experimental design and data analysis.

Tutorials involve small groups of four to five students taught by one member of staff, promoting high quality staff–student interactions. The diversity of topics and teaching styles and the considerable staff–student contact time are highly valued by students, and provide a rich educational experience.

The University's virtual learning environment (VLE) serves as a resource for our module materials such as lecture slides and audio recordings, in addition to tools for group work and data sharing.

During your studies, you will be supported by an academic supervisor with whom you will meet at least twice per term. This continuity allows a valuable relationship to be formed in which academic and pastoral support and guidance can be given.

Assessment

All modules are assessed using a mix of closed examinations, practical reports, essays and oral presentations. Timely and constructive feedback for all assessments is a hallmark of our academic practice that is invaluable for encouraging improvement.

First year marks do not count towards the overall degree mark and the second and third year contribute 40 per cent and 60 per cent respectively. Assessment of the final year research project contributes 20 per cent of the overall degree mark.

Admissions

We usually make offers based on information in the UCAS form and then invite applicants to visit York. During your visit you will have a chance to tour the departments and the campus, and meet with staff and current students.

We require A level Biology and Chemistry to at least AS level, and preference will be given to Chemistry A level. If you have AS but not A level Chemistry in addition to Biology A level, a second science to A level is required. We prefer this second A level to be in Maths or Physics but other, especially traditional academic, science subjects will be considered. We also welcome applicants with other equivalent qualifications.

International students

We welcome applications from international students. Our website will give you the details on the requirements for a wide range of international qualifications, and you are welcome to contact the Admissions Tutor for advice about your specific qualifications. If your previous education was not taught in English, we usually require you to have taken the IELTS test and achieved a score of 6.5 or higher, with at least 6.0 in each skill.

WHAT NEXT?

Studying Biomedical Sciences develops critical thinking and research skills, and thus prepares students to be competitive for entry into relevant postgraduate degree programmes. The degree also provides suitable training for direct employment in health-related industries and services (eg NHS, pharmaceutical companies). In addition, transferable skills acquired on the course open up other relevant careers including patent law, public health policy and education, and scientific writing.

Students receive excellent support while identifying a career path. A careers helpdesk is available for one-to-one careers discussions, advice on CVs and mock interviews. A two-day careers conference in the Summer Term features talks by alumni, often from the NHS and pharmaceutical industry, and employability workshops. Careers for Biomedical Sciences graduates include:

- Drug development manager in a pharmaceutical company
- University lecturer
- Public engagement in science for a media company
- Clinical trials co-ordinator
- Clinical biochemistry supervisor in the NHS
- Scientific editor for a research journal
Chemistry

Programmes

<table>
<thead>
<tr>
<th>Program Name</th>
<th>UCAS Code</th>
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<tbody>
<tr>
<td>Chemistry</td>
<td>F100 BSc/Chem</td>
</tr>
<tr>
<td>Chemistry with a year abroad (4 year)</td>
<td>F101 MChem/ChAb</td>
</tr>
<tr>
<td>Chemistry with a year in industry (4 year)</td>
<td>F102 MChem/ChIn</td>
</tr>
<tr>
<td>Chemistry with a year in York (4 year)</td>
<td>F103 MChem/ChYo</td>
</tr>
<tr>
<td>Chemistry, Management and Industry</td>
<td>F190 BSc/CHEMMI</td>
</tr>
<tr>
<td>Chemistry, Management and Industry with a year abroad (4 year)</td>
<td>F191 MChem/MIAB</td>
</tr>
<tr>
<td>Chemistry, Management and Industry with a year in industry (4 year)</td>
<td>F192 MChem/MIIn</td>
</tr>
<tr>
<td>Chemistry, Management and Industry with a year in York (4 year)</td>
<td>F193 MChem/MIYo</td>
</tr>
<tr>
<td>Chemistry, Resources and the Environment</td>
<td>F142 BSc/ChemRE</td>
</tr>
<tr>
<td>Chemistry, Resources and the Environment with a year abroad (4 year)</td>
<td>F143 MChem/REAb</td>
</tr>
<tr>
<td>Chemistry, Resources and the Environment with a year in industry (4 year)</td>
<td>F144 MChem/REIn</td>
</tr>
<tr>
<td>Chemistry, Resources and the Environment with a year in York (4 year)</td>
<td>F145 MChem/REYo</td>
</tr>
<tr>
<td>Chemistry, Biological and Medicinal Chemistry</td>
<td>F152 BSc/CHEMBM</td>
</tr>
<tr>
<td>Chemistry, Biological and Medicinal Chemistry with a year abroad (4 year)</td>
<td>F153 MChem/BMAB</td>
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<tr>
<td>Chemistry, Biological and Medicinal Chemistry with a year in industry (4 year)</td>
<td>F154 MChem/BMin</td>
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<tr>
<td>Chemistry, Biological and Medicinal Chemistry with a year in York (4 year)</td>
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<tr>
<td>Chemistry, Biological and Medicinal Chemistry</td>
<td>F155 MChem/BMYo</td>
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</table>

Courses are three-year programmes unless otherwise stated.

Key facts

Admissions Tutor: Dr Andrew Parsons
Telephone: +44 (0)1904 322545
Website: www.york.ac.uk/chemistry
Email: chem-ugrad@york.ac.uk

2014 Applications: 1,183
2014 Admissions: 176

Typical offers

MATURE STUDENTS
Mature students are welcomed and considered individually

A LEVELS
A**AA/AAB

IB DIPLOMA PROGRAMME
37/36 points including HL 6 in essential subjects

SCOTTISH QUALIFICATIONS
AAAA/AAAAAB at Higher and AA/AB at Advanced Higher level

BTEC EXTENDED DIPLOMA (QCF)
DDD

OTHER QUALIFICATIONS
For details of other acceptable qualifications go to www.york.ac.uk/chemistry/undergraduate/entryrequirements

Essential subjects

Chemistry
Another science subject or Mathematics is preferred

GCSE grade B or equivalent in the relevant language for applicants intending to spend the final year of the MChem at a university in Belgium, France, Germany, Italy or Spain

English as a foreign language

IELTS 6.5 with at least 5.5 in all units

“We want you to get a sense of the real excitement and the enthusiasm that we at York all share for Chemistry and its teaching”

Head of Department
The Department has undergone a £29m phased redevelopment and created new research and teaching laboratories.

Studying Chemistry
Chemistry is often referred to as the 'central science', as it covers topics as diverse as quantum mechanics and the study of atomic particles, and the molecular nature of biological systems and the Human Genome Project. Learning about the fundamental basis of chemistry – the analysis of molecules, their structures and shapes and how they react – is vital if we are to meet the needs of our society. Chemists really can make a difference in the world!

Our degree programmes are designed to give you a thorough grounding in all aspects of modern chemistry and a qualification from the University of York is highly regarded by employers. Major employers of chemists include pharmaceutical companies, agrochemical companies, oil companies and the makers of detergents, paints, cosmetics and explosives.

Chemistry at York
Chemistry at York offers both top quality teaching and an international research reputation in a modern welcoming department.

The Department provides students with:
- a supervisor who oversees academic progress and personal welfare
- a teaching programme which ensures a highly supportive learning environment
- lectures supported by small group tutorials and workshops
- state-of-the-art research facilities (as part of a £29 million phased redevelopment, a £9.4 million research building was completed in 2012 and a new £10 million undergraduate teaching laboratory and Green Chemistry Centre of Excellence in 2014)

Recent departmental achievements include:
- Consistently high scores in the National Student Survey which place the Department among the top UK Chemistry departments for student satisfaction.
- We are the only department in the country to have three members of staff recognised for ‘excellence of teaching’ by the Royal Society of Chemistry.
- We are the first department in the UK to win the Athena SWAN Gold Award for our commitment to women in science.
- In the 2014 Research Excellence Framework assessment, 94 per cent of the Department’s research activity was rated as ‘world-leading’ or ‘internationally excellent’.

Our programmes
We offer a choice of three-year BSc and four-year MChem degree programmes in Chemistry, including modules specialising in management and industry, resources and the environment, and biological and medicinal chemistry. The MChem programmes give you the opportunity to gain experience in industry, to study for a year at an overseas university or to carry out an extended research project at York.

Our programmes are based on a modular system with a wide range of flexibility and choice, while ensuring you graduate as a fully qualified chemist. All of our 16 degree programmes are accredited.

“I chose York because of the broad and interesting variety of modules. The Department is always buzzing, and the staff are really supportive if you ever need extra help. I especially loved the first year integrated practical, a group project where we analysed the contents of what you consume on a night out. It was great fun working as a team to use the practical and analytical techniques we had learnt throughout the year, and noticeably increased my capacity for problem-solving and independent research.”

HANNAH, MChem CHEMISTRY, BIOLOGICAL AND MEDICINAL CHEMISTRY, 2ND YEAR
by the Royal Society of Chemistry. The structure of the programme is such that decision making is left as late as possible to give you ample opportunity to consider your choices for the future.

In making the choice between BSc and MChem, you need to consider how useful the additional MChem year will be in preparing you for your likely career, and whether it provides experiences and challenges that will be interesting and worthwhile. The choice between MChem and BSc can be left until the end of Year 2.

Our programmes are designed to allow you to specialise in the following areas.

**Chemistry**

This is a mainstream Chemistry programme, enabling you to learn about all aspects of modern chemistry, but also giving you the opportunity to specialise in areas of your choice through option modules. The modules cover a wide range of topics, eg Catalysis – From Fundamentals to Catalytic Converters, Analytical and Forensic Chemistry, Reactivity – Pathways and Intermediates, and The Material World – Advanced Nanomaterials. In the Analytical and Forensic Chemistry option you will be able to learn how modern spectroscopic and chromatographic techniques can be developed to determine the composition of complex biological mixtures. In contrast the Reactivity – Pathways and Intermediates option describes how molecules, which only exist for a fraction of a second, may be characterised. The Material World – Advanced Nanomaterials option explores the latest advances in materials technology such as liquid crystals, biopolymers and nanomaterials.

**Chemistry, Management and Industry**

Using the knowledge gained from the core Chemistry modules, this programme will enable you to learn about chemistry in a commercial context, eg modules in Managerial Economics, Management and Industry and Clean Technology – Greener Chemical Processing, which are taught in a chemistry context. Clean Technology explores the effect of legislation, economic pressure and public concern in driving the move towards cleaner manufacturing processes. The emphasis is on sources of renewable energy, the improvement of existing technology and the life-cycle analysis of products. Also included are site visits, planned to highlight particular themes of importance in the programme.

**Chemistry, Resources and the Environment**

This programme builds on your core Chemistry modules to give you the opportunity to learn about the chemical basis of the environment and how we impact upon it, eg modules in Dynamic Earth – Biogeochemistry and Paleoclimate, and Atmospheric Chemistry and Climate, which provide the background, at a chemical level, for many of the critical environmental issues we face. This includes studying the chemical composition of the atmosphere and the impact of potential climate change. Some lecture programmes include fieldwork.

**Chemistry, Biological and Medicinal Chemistry**

This is a programme about the chemistry of life. It provides the opportunity to learn about the chemistry of biological systems and the way this chemistry impacts on the body’s ability to combat disease, and how medicines can be designed for effective treatment, eg modules in Proteins in 3D, Proteins in Action, Bioinspired Chemistry and Chemistry and Disease – Introduction to Medicinal Chemistry. For example, the Chemistry and Disease – Introduction to Medicinal Chemistry option describes the development of chemotherapy and our understanding of the way in which drugs interact with the whole body. Techniques such as photodynamic therapy and the controlled release of drugs are covered, together with the problem of bacterial resistance and the challenges of drug synthesis. The Chemistry and Disease –

With around 40 research groups in the Department, your choice of topic for your final year research project is very wide.
### Year 1
**Core Chemistry**
- Principles of Atomic Structure and Bonding
- Modern Spectroscopic and Analytical Techniques
- Fundamental Principles of Inorganic and Organic Chemistry
- Mathematics and IT for Chemistry
- Kinetics and Thermodynamic Aspects of Chemistry

**Additional studies**
Skills programmes in chemical aspects of Mathematics, Biology and Physics for students who have not taken these topics at A level or equivalent.

### Year 2
**Topics include:**
- Surface Chemistry
- Polymer Chemistry
- Structure, Bonding and Reactivity in Transition Metal Chemistry
- Symmetry and Its Applications in Chemistry
- Organic Synthesis
- Biological Chemistry

**Option modules currently include:**
- Catalysis – From Fundamentals to Catalytic Converters
- Managerial Economics
- Dynamic Earth – Origins and Evolution
- Chemistry and Disease – Introduction to Medicinal Chemistry
- The Material World – An Introduction to Materials Chemistry
- Clean Technology – Energy and the Environment
- Proteins in 3D

### Year 3
**Topics include:**
- The Chemistry of the Lanthanides and Actinides
- Supramolecular Chemistry
- Materials and Nanoparticles
- Asymmetric Synthesis in Organic Chemistry
- Modern Diffraction Techniques
- Advanced NMR Spectroscopy
- Structures of Natural Products
- Computational Chemistry
- Synthetic Frontiers of Inorganic Chemistry and Ligand Design

**Option modules currently include:**
- Reactivity – Pathways and Intermediates
- The Material World – Advanced Nanomaterials
- Management and Industry
- Greener Chemical Processing
- Dynamic Earth – Biogeochemistry and Paleoclimate
- Atmospheric Chemistry and Climate
- Chemistry and Disease – Advanced Medicinal Chemistry
- Genes and Genetic Engineering
- Analytical and Forensic Chemistry
- Bioinspired Chemistry
- Proteins in Action
- Advanced Synthesis – From Nature to the Lab
- BSc Research project, spectroscopy and group exercises
- MChem Advanced practical techniques, spectroscopy and group exercises

### Year 4
**120 credits in total for the year**
- Research project at York, a university abroad or in industry

**Advanced Chemistry topics currently include:**
- Organometallics
- Green Chemistry
- Quantum Chemistry
- Chemical Biology and Molecular Interactions
- Advanced Spectroscopy
- Natural Product Chemistry
- Chemoinformatics

Advanced Medicinal Chemistry option teaches you about strategies for drug design and how molecular modelling can be used to understand the mode of action of the target molecule to which the drug must bind.

Whatever programme you decide to apply for, we emphasise three things:
- Any decision on an area of specialisation that you make at this stage is only a provisional one.
- You will not have to make a final choice of options for a given year until the end of the previous year.
- You are in no way restricted to our recommended combinations of options.

In order to keep teaching as fresh as possible, programmes are regularly updated.

### What you study

In Year 1 all students take a common set of core modules each of which integrates the major areas of Chemistry: Organic, Inorganic, Physical, Analytical, Theoretical and Biological. This programme is supplemented by practical work and a series of ancillary courses, taught by Chemistry staff, which cover related topics in Mathematics, Physics and Biology (for students who have not studied these subjects at A level or equivalent).

Approximately three quarters of Year 2 is made up of core Chemistry modules and practical work is common to all Chemistry programmes. The remainder consists of option modules chosen by you at the end of Year 1. Option modules are self-contained although they clearly relate to core Chemistry.

In Year 3 the BSc and MChem programmes diverge. All students still take the same series of core and option modules (which are chosen at the end of Year 2). Students on the BSc programme carry out research-based work, whereas MChem students take an advanced practical project designed to further the skills needed in a research environment.

The major component for MChem students in Year 4 is a research project undertaken at York, in one of our partner institutions abroad, or as part of a year spent in industry – if you spend a year in industry, the company normally pays you a salary.
person fume cupboards) were opened in spring 2014. The laboratories include a computational lab and dedicated analysis labs, offering an extensive range of modern instrumentation, including spectrometers and chromatographic apparatus to identify and analyse compounds (we have invested around £330,000 in new instrumentation over the past three years). In practical classes, academic staff and postgraduate students supervise students.

Laboratory work carried out in Years 1 and 2 (typically eight hours each week) includes the following areas:

- modern organic and inorganic synthetic techniques
- chromatographic methods used in the separation and purification of reaction products
- spectroscopic techniques – infrared, ultraviolet, nuclear magnetic resonance and mass spectrometry used in chemical analysis and in the study of molecular structure
- kinetic and thermodynamic studies
- study of reaction mechanisms and intermediates.

Our practicals will also give you experience in handling and interpreting experimental data to illustrate how principles taught in lectures can be put to use.

We have developed our own online resources to support the teaching of introductory skills in practical chemistry.

Group work

Other small group teaching involves case studies and exercises that develop your ability to work as a member of a team, on activities involving planning and decision making. These also give you practice in presentation skills, both through the production of posters and through giving talks in which you justify decisions and
the reasoning behind them. Such skills, which are invaluable in career terms, are reinforced throughout the programme.

**Site visits**
An important aspect of learning is the opportunity to see things for yourself. For much of the programme this can be done within the Department, but in the case of options relating to industrial chemistry we arrange for you to visit industrial companies, see the operations described in lectures being carried out, and talk to plant managers. Similarly, options in environmental chemistry involve visits and excursions, such as a day visit to Whitby to examine coastal exposure of Jurassic sediments.

**Research projects**
Research is an essential part of university life and all of our undergraduate degrees have, as a vital component, a research project or research-based work. The research project is an opportunity to do a piece of original work in a particular area of chemistry chosen by you. For those students studying for the MChem (York) programme, the project will be undertaken in one of our research laboratories, where you will have the chance to work alongside graduate students and you will have access to the state-of-the-art laboratories and instrumentation that the Department has to offer.

Students on the MChem abroad and MChem industry programmes also carry out research projects. Those at partner universities will conduct their work as if they were a student at their host university, though assessment of the project is carried out back at York. For students on industrial placement, the research project is largely directed by the company for which they work, typically over a period of 12 months.

Around 50 companies, including all the large pharmaceutical companies in the UK, plus a number in Europe, support this popular scheme – companies seem to appreciate the extra maturity and the enhanced background in chemistry shown by Year 4 students. Inevitably, some companies offer permanent employment to graduates who have impressed them during their fourth year industrial placement.

BSc students interested in teaching as a career have the opportunity to do research-based work on developing new teaching materials.

The Department of Chemistry has its own Staff–Student Consultative Committee. There are also elected student representatives on the departmental committees responsible for each year of the course and on the Board of Studies. On these committees students put forward constructive criticisms and recommendations about their programmes, and play a part in the discussions involved in the revision of programmes.

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**Study abroad**
The development of the European Union has increased the demand for Chemistry graduates who are fluent in a second language and who have direct experience of living in another culture. Our student exchanges bring students from other universities to York, and provide you with the opportunity to spend an academic year in Australia, Belgium, Canada, Finland, France, Germany,

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**“The opportunity to take my industry placement in Year 4 rather than Year 3 really appealed to me. My extra year of experience has helped me secure a competitive placement in Switzerland, where I’ll be able to perform a higher level of research. I’ve particularly enjoyed focusing on my interests in biological chemistry through optional modules. The Department is constantly developing in response to student feedback, and staff are not only friendly and knowledgeable, they’re also great at making difficult concepts easy to understand.”**

PATRICK, MChem CHEMISTRY, BIOLOGICAL AND MEDICINAL CHEMISTRY, 3RD YEAR
India, Italy, New Zealand, Singapore or Spain. The Department also continues to explore other possible exchanges.

Assessment
Students are typically assessed through end-of-module examinations plus continuous assessment of practical work and/or coursework. For some modules, oral presentations are assessed, but tutorial work is not assessed for examination purposes, since tutorials are intended purely for teaching support.

Assessment in the first year does not count towards the final degree mark.

Bursaries
The Department typically offers a minimum of ten scholarships for UK-based students and up to ten scholarships for overseas students (www.york.ac.uk/chemistry/undergraduate/sponsorship). All Chemistry students also receive a Teaching Package free of charge, which includes lab specs, a lab coat, a full set of laboratory equipment, lecture handouts for all courses, a molecular model set, affiliate membership of the RSC for one year, a Chemistry data book, detailed laboratory scripts, a copy of our Year 1 recommended textbook and membership of York ChemSoc for one year. The Department also offers at least 15 vacation research bursaries, for our first and second year students. This helps our students further their practical skills and develop their research interests, and experience life in research labs.

Admissions
We consider all applications on their merits and therefore the exact nature of offers can vary to match individual cases. We select applications on the basis of student potential and will take account of evidence of educational, social, health or other personal disadvantage.

Offers to applicants for the MChem programmes are the same as for BSc programmes, except that applicants wishing to be considered for the year abroad programme are generally expected to have a minimum of GCSE grade B in the appropriate language (except in Australia, Canada, Finland, India, New Zealand and Singapore).

The Department encourages applications from mature students including those who have completed a suitable Access or Foundation course; syllabuses must contain a significant portion of Science and Mathematics. Applications are considered on an individual basis.

Applications from overseas students are welcome and, in most cases, an English language qualification, typically a score of 6.5 in the IELTS test, will be required.

For applicants who are based in the UK, it is our policy not to make offers without interview. The interview day is not only aimed at learning more about you, it is very much an opportunity for you to see the campus and Department and the teaching facilities we have to offer, and to meet members of staff.

If you would prefer to visit us during the summer before you submit your UCAS application, you are welcome to do so. The Department also runs pre-application visit days – for further details, please see our website.

WHAT NEXT?
Although the majority of our graduates progress to become scientists, the analytical and transferable skills that constitute part of our degrees are recognised as suitable training for a wide range of careers. We run a careers day when we invite recent graduates to talk about their current employment.

About 40 graduates per year stay in the Department or join other universities to work for higher degrees – the majority are involved in collaborative research projects, many with chemical companies.

Chemistry at York typically has an excellent ‘positive destination’ rate, that is, the proportion of students who either continue their studies or go into permanent employment. Our graduates also achieve a high rating in the quality of their employment, typically with over 70 per cent entering professions in the top three occupational classes. Our recent graduates have begun their careers in areas including:

- Innovative medicines graduate for a pharmaceutical company
- Fuels technology chemist for a fuel and lubricant manufacturer
- Production chemist engineer for a sustainable technology company
- Products research scientist for a consumer goods company
- Business services graduate for a power station
- Auditor for a professional services firm
## Computer Science

### Programmes

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</tbody>
</table>

Courses are three-year programmes unless otherwise stated.

### Key facts

- **Admissions Tutor:** Dr William Smith
- **Telephone:** +44 (0)1904 325412
- **Website:** www.cs.york.ac.uk
- **Email:** admissions@cs.york.ac.uk

**2014 Applications:** 563
**2014 Admissions:** 129

### Typical offers

- **MATURE STUDENTS**
  Mature students are welcomed and considered individually

- **A LEVELS**
  AAA/AAB including Mathematics

- **IB DIPLOMA PROGRAMME**
  36/35 points including HL 6 in Mathematics

- **SCOTTISH QUALIFICATIONS**
  AAAAA/AAAAB at Higher level and AB at Advanced Higher level to include Mathematics

- **BTEC EXTENDED DIPLOMA (QCF)**
  DDD plus at least a B in A level Mathematics

- **OTHER QUALIFICATIONS**
  For details of other acceptable qualifications go to www.cs.york.ac.uk/undergraduate

### Essential subjects

- Mathematics

### English as a foreign language

- IELTS 6.5 with at least 6.0 in all units

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All of our employed graduates go into professional or managerial positions within six months of graduating – above average for a UK Computer Science department.
The new Computer Science building offers dedicated undergraduate software and hardware laboratories with 24/7 access

Studying Computer Science

For some people, use of computers starts and ends with the web, email and games. For others, it may extend to spreadsheets and databases. But Computer Science is about something much more fundamental (and interesting!) than this and involves a broad range of topics, techniques and applications relating to the science and engineering of computer systems and computation. In addition to learning how to program computers in a principled way, you will learn how typical computers are structured internally, how electronic circuits can implement computation, how operating systems such as Microsoft Windows can schedule several programs to run at the same time and how computers communicate with each other over networks, such as the internet.

In more advanced study, you can learn how to embed computing devices into larger systems to make them operate more efficiently (for example, a car engine management system) or intelligently (for example, a microwave oven that senses when an item is cooked). Such systems are called ‘embedded systems’. You can learn about artificial intelligence for games, robots or expert systems that can, for example, perform medical diagnosis from a pattern of physical symptoms. You can learn about designing computer systems with digital camera inputs, which can recognise images, such as an image of your face, or with microphone inputs, which can recognise and understand what you are saying. You can learn how to build better human–computer interfaces, which do not use a keyboard or mouse, or ubiquitous devices, where the interface is invisible to the user.

There are endless possibilities to exercise your technical ability and creativity and, on graduating, you will be well qualified for a career not only in the IT sector, but also in science, engineering and other sectors, such as the financial sector, where your sharpened numeracy and analytical skills will be invaluable.

Computer Science at York

The Department of Computer Science at York is one of the most highly regarded in the UK. In the 2014 Research Excellence Framework assessment, 90 per cent of the Department’s research activity was rated as ‘world-leading’ or ‘internationally excellent’. We receive high scores in student satisfaction for the quality of our courses, the academic support available and our specialised facilities. We are ranked in the top 100 Computer Science departments in the world.

As a successful York Computer Science graduate, you will be highly sought after by a wide variety of employers. The combination of our collaboration with industry and brand-new facilities ensures our students are up to date on current trends, reflected in our excellent employment statistics. Taking a year in industry with any of our courses also gives you a head start in the jobs market – many of our placement students secure a job offer from their placement provider before graduation.

At York, Computer Science is taught as a broad subject, where you cover theory as well as practice, and hardware (electronics) as well as software (programs) and how they integrate in the design of systems. The early part of each of our degree courses is core Computer Science, which gives you a solid foundation in the subject. The structure in later years allows you to select from modules that are closely related to the cutting-edge research activity in the Department. This allows you to sharpen

“I chose York because of the opportunity to specialise in artificial intelligence, which is what I am really interested in. I was also impressed by the University’s links with industry. I like the fact that the course is not just about learning theory. I’ve been involved in many different projects, ranging from programming robots to developing a game about controlling a nuclear power plant. The staff are always willing to help and the facilities are equipped with the latest technology.”

ANASTASIA, MEng COMPUTER SCIENCE WITH ARTIFICIAL INTELLIGENCE, 4TH YEAR
My course provided me with a good foundation to pick up the skills that I needed to do my job at IBM.

Computer Science Graduate

Our courses

You can study Computer Science at York in three ways. You can choose to study Computer Science as a single subject, where you can cover the broad range of what the discipline has to offer.

Alternatively, you can choose to specialise in an area of Computer Science, and we offer two degree courses that specialise in Artificial Intelligence or Embedded Systems Engineering.

You can also choose to combine your study of Computer Science with another subject – currently we offer joint degrees with Mathematics or Philosophy. You study both Computer Science and your other chosen subject equally initially, and you can then choose to specialise more in either subject in the later years of your degree.

All of our courses can be studied either with or without a year in industry after the second year of study. If you take a year in industry, the total duration of a Masters course is five years and of a Bachelors course is four years.

Single subject Computer Science

Choose either:

- MEng Computer Science, a four-year Masters course
- BEng or BSc Computer Science, a three-year Bachelors course

In both courses, you study the full breadth of Computer Science, including software (programs) and hardware (electronics) and how they are integrated into the design of systems. You do not just learn what others have done so you can do the same; we teach you to be innovative. In the fourth year of the Masters course, you can study topics from the latest cutting-edge research being undertaken in the Department.

Computer Science with a specialism

Our courses with a specialism also provide a solid foundation of core Computer Science material.

- MEng Computer Science with Artificial Intelligence

This is only available as a four-year Masters course and you investigate how human reasoning and behaviour can be imitated, and even surpassed, by computer systems, for example in language understanding, vision and games.

- BEng Computer Science with Embedded Systems Engineering, a three-year Bachelors course

You will learn how software and hardware can be embedded, for example within smart phones and media devices, cars and medical equipment. Here, there is an emphasis on the design and development of encapsulated computing systems dedicated to the control of specific devices, appliances or machinery.

All of the above have a common first year, and so you can switch between these courses at any time before your second year of study.
Computer Science and Mathematics

We offer the following courses combined with Mathematics:

- MMath Mathematics/Computer Science, a four-year Masters course
- BSc Computer Science/Mathematics, a three-year Bachelors course.

Computer Science has Mathematics as its foundation. In the first two years of study, the split across Computer Science and Mathematics is equal. In later years, there is choice both in the ratio of each subject and in the options that are chosen from each department. You will cover the connections between the two subjects, and develop both sets of intellectual and transferable skills. See also the Mathematics entry on page 133.

Computer Science and Philosophy

We offer two options for this combined course:

- MEng Computer Science/Philosophy, a four-year Masters course
- BSc Computer Science/Philosophy, a three-year Bachelors course.

Understanding how and why we use technology is as important as knowing how to develop it. Linking Computer Science with Philosophy helps you to see how the two subjects intersect and the natural affinity between the two. This includes questions such as ‘Can machines think?’ and ‘Are virtual realities just new realities?’ You study equally the fundamentals of both Computer Science and Philosophy to gain a good grounding in both, with a chance to specialise in either in the later years of your degree. You will also develop both sets of intellectual and transferable skills from studying both a science and arts subject to make you highly employable when you graduate. See also the Philosophy entry on page 157.

Masters or Bachelors course?

A Bachelors course consists of three years of study incorporating core topics in the first two years and more advanced elements in the third year. A Masters course provides the benefit of a fourth year, allowing you to study more topics at a deeper level, thus connecting you with the cutting edge of current research. From our flagship MEng in Computer Science, more students go on to employment or further study within six months of graduating than BEng students. Our Computer Science MEng courses are eligible for full accreditation by the Institution of Engineering and Technology (IET) and by the British Computer Society (BCS), while BEng courses carry partial accreditation. All of our courses, except our combined courses with Mathematics or Philosophy, carry accreditation by both institutions.

The option of a year in industry

Courses with a year in industry offer rewarding (and paid) work experience between your second and third years of study, where you can exercise your technical skills in a professional environment. In addition, this can lead to final year sponsorship and ideas for your final year project. You can choose to take a year in industry with all of our courses. You will be well supported throughout the placement, both by the Department and by a personal supervisor within your placement organisation. All placements are salaried, currently in the range of £15,000 to £35,000 per annum. Airbus, IBM, Mercedes GP Petronas F1 Team and BAE Systems are just a few examples of companies who have offered our students placements. For more companies and student views on placements, please visit www.cs.york.ac.uk/undergraduate/placement.

We encourage you to take a year in industry. The industrial experience, when added to your academic experience, gives you an advantage when applying for jobs after graduation. Students who choose a year in industry also show an improvement in their grades when they return to study, and many even secure a job offer before they finish their degree.

We manage the whole process of finding you a placement. Our dedicated Industrial Placements Co-ordinator brings world-class companies on to campus to help you choose where to spend your year. He will also help you with your CV, give interview tips and visit and support you in the workplace to ensure you get the most from your year in industry. The placement is a structured training programme, recorded by the University, which counts for part of the training you need to become a Chartered Engineer (CEng).
Our programmes provide you with a variety of skills which will be attractive to a wide range of employers.

What you study

The first year of all of our courses lays the foundation for the study of Computer Science. You will study modules on:

1. Programming concepts
2. Mathematical and theoretical foundations of Computer Science
3. Computer architecture
4. Skills training for Computer Scientists.

In addition (with the exception of combined Computer Science and Mathematics or Philosophy), you will take the following:

5. Further study in mathematical and theoretical foundations of Computer Science
6. Analogue and digital electronics

The second year extends the foundational aspects taught in the first year and introduces opportunities to focus on hardware architectures, software engineering and specialist areas, such as artificial intelligence, computer graphics and computer vision. Unless you are on a combined Computer Science course with Philosophy or Mathematics, you will undertake at least one team project, constructing either a hardware system or an engineered software application.

In a typical week, you may have about 20 contact hours of study, which could break down as 13 hours of lectures, six hours of practical or programming class and one hour of SKIL (or, later, individual research project supervision). As part of this module you will attend small group tutorials, where you can discuss wider issues and have a forum for one-on-one support.

During your practical sessions, you will work individually, in pairs and in small teams (of around five students).

Exercises carried out in unscheduled time, such as the writing of essays and programs, play an important role; such activities are allowed for in your workload. There are problem classes in the second year and weekly, individual project supervisions in the third and fourth years. Each student has a personal supervisor, who is responsible for guiding his or her studies. You will meet with your supervisor.

Teaching and learning

You will be taught through a series of one-hour lectures, with associated laboratory practical classes, problem classes and programming classes. In the first year, we also run small team sessions to allow you to develop the skills, knowledge and independent learning appropriate for a new Computer Science student. We call this the SKIL module.

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“Computer Science is often software-centric, but I like how York balances this with a focus on hardware. In one module we soldered and programmed a robotic platform to behave like an insect. My first year highlight was the Raspberry Pi Challenge in which each student was given a Raspberry Pi single board computer to put to an innovative use. I created a near field communication system so people could use their phones as locker keys. The Department ethos is first class: informal but hard-working. Everyone is on first-name terms, and staff are friendly, approachable and easy to contact.”

JASHAN, MEng COMPUTER SCIENCE WITH ARTIFICIAL INTELLIGENCE, 2ND YEAR
on an individual basis at the start and end of every term, but you can also meet them at other times, whenever you need to do so. Throughout the course, you are encouraged to reflect on your own approach to study and to develop your study skills.

**Study abroad**

We run an overseas exchange scheme, where you can apply to spend a year studying in North America, South Africa, Asia or Australia. The year abroad replaces the corresponding year of your degree programme at York, and the marks obtained abroad count towards the classification of the York degree.

**Assessment**

All assessments, except in the final year, are qualifying assessments which you must pass in order to continue into the next year of study. Approximately 60 per cent of your degree will be assessed by means of closed examinations. In addition there is a range of programming assignments, demonstrations and project reports associated with modules, to be carried out in unrestricted conditions with a time limit ranging from a week to several weeks. These are known collectively as open assessments and make up the remaining 40 per cent of assessment. The most significant open assessment in terms of the contribution to your final mark will be the report of your final year individual project.

**Scholarships**

We offer a number of scholarships to the most outstanding students entering the Department each year.

These scholarships are sponsored by IBM, and give access to opportunities such as summer internships, IBM-specified project work as part of your degree and the chance to apply for a graduate job with IBM at the end of your degree. You will also have access to a mentor, based in IBM’s York office within the Department, throughout your course. It is a fantastic opportunity to build a relationship with an industry world leader, while strengthening your CV and employability.

No separate application is necessary. We assess your grades, your performance at interview (if applicable), and any other indicator of your academic or creative excellence.

The IET and BCS also offer bursaries for students entering the study of Computer Science. Find out more at www.cs.york.ac.uk/undergraduate/ug-scholarships.

**Admissions**

If you present with a strong academic performance and application form, we will offer you an interview. Although the interview is not part of your offer and you do not need to attend, your offer could be reduced by one A level grade or equivalent if you do well. If you choose not to attend an interview, we will make you the standard offer for the course for which you applied. If we cannot get enough information from your application, the interview will be compulsory.

**Mature applicants**

The Department welcomes applications from mature candidates. However, you will still need a high-level qualification in Mathematics. Mature applicants should contact the Admissions Tutor for an informal discussion before applying.

**WHAT NEXT?**

You will graduate with a variety of skills attractive to a wide range of employers. The demand for computer scientists and software engineers from the rapidly expanding field of information technology has created job opportunities within a broad cross-section of employers, particularly in the electronics and software industries. Other graduates take advantage of the continuing expansion in the use of computers in commercial and financial operations to find employment. Here, your excellent numeracy and analytical skills will have prepared you well.

A recent destination survey of graduates with Computer Science degrees has shown that 100 per cent of our employed graduates go into professional or managerial positions within six months of graduating.

On average, our graduates earn £26,000 within six months of graduating. A recent survey showed our graduates joining companies such as Barclays, Twitter, ARM, IBM, Sophos, Ubisoft and BAE Systems. Other early career examples include:

- Engineering graduate for a computer security developer
- Gameplay programmer for video game developer
- Software development for a national newspaper
- Research scientist for a multinational defence, security and aerospace company
- Technology analyst for a multinational bank
- Engineering graduate for a security software and hardware developer
Economics at York is a large, diverse and international department, with a distinguished and stimulating environment for research and study.

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Courses are three-year programmes unless otherwise stated.

Key facts

- Admissions Tutor: Dr Michael Thornton
- Telephone: +44 (0)1904 323788
- Website: www.york.ac.uk/economics
- Email: econ-ug-admissions@york.ac.uk

2014 Applications: 1,239
2014 Admissions: 212

Typical offers

**MATURE STUDENTS**
Mature students are welcomed; entry requirements are more flexible

**A LEVELS**
A*AA/AAA
See page 173 for the School of PEP

**IB DIPLOMA PROGRAMME**
37/36 points including 6 in all Higher level subjects (may vary for combined programmes)

**SCOTTISH QUALIFICATIONS**
AAAAAA/AAAA at Higher and AA/AB at Advanced Higher level (may vary for combined programmes)

**BTEC EXTENDED DIPLOMA (QCF)**
DDD (may vary for combined programmes)

**OTHER QUALIFICATIONS**
For details of other acceptable qualifications go to www.york.ac.uk/admissions

**Essential subjects**
Mathematics
See page 173 for the School of PEP

**English as a foreign language**
IELTS 6.5 with at least 6.0 in all units
You will be taught by people who are at the forefront of their subject with a curriculum underpinned by research.

Studying Economics

Economics is the analysis of incentives in social situations. This includes the study of production, distribution and consumption of goods and services. Economics explains how economic systems work and what the relations are between economic players in the larger society. Methods of economic analysis have been applied to fields like finance, industrial organisation, labour, politics, education, health, law and other social institutions.

Economics at York

As one of the largest and most active in the country, the Department of Economics at York has an outstanding international reputation for both research and teaching. It includes economists, econometricians, statisticians and economic historians.

The Economics course in York strikes a great balance between economic theory, built in the first two years, and its application, introduced in the final year of study. I have a passion for languages and took Arabic classes during my first year through the Languages For All programme, and I continued these in my second year. My academic supervisor has been very supportive of my varied interests, encouraging me to pursue internships and embrace the amazing opportunities York has to offer.”

SHARIFAH SOFIA, BSc ECONOMICS, 3RD YEAR

Our undergraduates come from many different backgrounds and from all parts of the UK and abroad. The Department achieved the maximum score of 24/24 in the most recent Teaching Quality Assessment. In the 2014 Research Excellence Framework assessment, the Department was ranked eighth for the impact of its research. In the 2012 Tilburg University ranking of Economics departments we were ranked eighth among UK departments and 74th worldwide.

The size of the Department, and the diversity of expertise of the staff, enables us to offer you a wide choice of high quality modules, especially in Years 2 and 3 of each degree. Our research ranking means that you are taught by those in the forefront of their subject. In its last subject review, the review team commended the extent to which the curriculum was underpinned by research and professional activity, and the stimulating learning environment. Our central objective is to combine the advantages of a large department with a commitment to personal teaching and supervision.

Students in the Department can also have the opportunity of studying abroad. The University’s exchange schemes allow some students to spend part or all of (normally) their second year at one of a number of other universities in Europe, North America and Asia. There are exchange schemes with, for example, the University of Denver, York University, Ontario and the National University of Singapore.

Economics is an international discipline and economic issues have global impact. You can see this internationalism reflected at York in the origins of staff and students and in the scope of our programmes.

Our programmes

We offer a number of different degree programmes within the Department and have combined degrees with the Departments of Mathematics, Politics and Philosophy. Below we provide an overview of the different programmes so that you can begin to identify the one that interests you the most.

What you study

Our programmes begin with a broad and well-structured first year, designed to enable you to proceed into the more flexible second and third years with a solid base for progression. Alongside the Economics modules you study, you will take Mathematics and Statistics modules in Year 1. Skills in both are valuable in all of our programmes.

The programme descriptions below make regular reference to option modules. Here are some examples of the modules currently available.
Year 2 options
- Commodity Markets
- Cost–Benefit Analysis
- Development Economics
- Dynamic Modelling
- Econometric Theory
- Economics of Population
- Financial Economics and Capital Markets
- Introduction to Accountancy
- Making Poverty History
- Mathematics for Economists

Year 3 options
- Alternative Perspectives in Economics
- Applied Econometrics
- Applied Economics
- Econometric Methods for Research
- Economics of Social Policy
- Experimental Economics
- Financial Econometrics
- Health Economics
- Industrial Economics
- International Economic Growth and Development
- International Economics
- Introduction to Time Series
- Labour Economics
- Mathematical Economics
- Monetary Economics
- Political Economics
- Structure and Regulation of Financial Markets.

For the most up-to-date module list please refer to the Department’s website and follow the link: www.york.ac.uk/economics/undergraduate.

Some of our students are also interested in learning or improving a modern foreign language, with an eye to future international careers. The University’s Languages for All programme (see page 25) provides the opportunity to do so alongside your degree studies.

Economics
The first year is relatively broad, introducing students to the basic tools and techniques used in Economics including Economic History, Statistics and Mathematics. In Years 2 and 3 you consolidate and expand the tools and techniques required for any economist, so in the second year you take further modules in Microeconomics, Macroeconomics, Mathematics, Econometrics and Economic History. You then select modules from the extensive list shown on our website. In the third year you can compose your programme from options built around pathways in Economic Theory; Econometrics; Finance; Microeconomic Applications; Macroeconomics, Growth and Development; and Public Policy.

Economics and Finance
There are excellent career prospects arising from this popular degree, which combines financial analysis with the insights and techniques of the economist. The first year is relatively broad. Besides Economics, you also take Economic History, Statistics and Mathematics. In the second year you take modules in Microeconomics, Macroeconomics and Econometrics. In addition to these core courses in economic analysis the second year contains modules such as Accountancy and Financial Economics and Capital Markets. You also select further modules and examples of current modules are shown on our website. In the third year you study the Structure and Regulation of Financial Markets and Principles of Corporate Finance. You also choose modules from a prescribed list of choices.
Degrees with Econometrics
If you think that your career will involve data-based research or making policy decisions based on research then the specialist degrees Economics and Econometrics, and Economics, Econometrics and Finance are for you. These will teach you to appreciate and use the methods that professional economists apply to model the economy and to test theories against evidence. The training provided is thorough and is designed for students with an aptitude for mathematics and statistics. So, if you have the right background and motivation, you should be thinking about degrees that combine Economics with Statistics and Econometrics.

Economics and Econometrics
The first year is similar to the Economics degree above. In the second year you take modules in Microeconomics, Macroeconomics, Econometric Theory and Econometrics for Economists. Additionally, you choose some modules from a prescribed list. Examples of current modules are shown on our website. In your third year you will take Principles of Corporate Finance and further modules: Econometric Methods for Research, Structure and Regulation of Financial Markets and Financial Econometrics.

Combined degrees with Economics
In the first year you take a mix of introductory Economics modules and modules from your other chosen subject area. In the second year you will take modules in Microeconomics and Macroeconomics alongside, for most programmes, Econometrics. You can compose your third year programme from an extensive list of optional modules. If you are studying Mathematics and Finance, you take the core modules in finance in the second and third years.

Economics/Mathematics (Equal)
Explicit modelling and understanding of the interactions within economies nowadays requires highly technical tools: Economics is becoming an increasingly mathematical subject.
This degree equips students with an economically relevant mathematical toolbox and applies it to solving problems in Economics. It is aimed at students planning to do technical work, such as designing analytical economic models and drawing from them conclusions, predictions and policy recommendations. For further information see the Mathematics entry on page 133.

Mathematics/Finance (Equal)
In this programme students take modules within mathematics, statistics and financial economics. Mathematical finance is an increasingly technical profession practised by people with a strong background in mathematical sciences because of their quantitative skills. For further information see page 135.

Politics, Economics and Philosophy
For further information on our joint degrees with Philosophy and Politics, see the separate section for the School of Politics Economics and Philosophy, on page 173.

Environment, Economics and Ecology
If you are particularly interested in the impact of economic development on environmental issues, you may like to explore our programme in Environment, Economics and Ecology (see page 103).

Teaching and learning
All students have a supervisor responsible for their academic and general welfare throughout their time at York. You’ll have regular meetings with them to discuss feedback from course tutors and help with any difficulties you may have. Although our teaching and supervision arrangements are extensive, we encourage individual research. You are therefore expected, guided by tutors, to work intensively on your own. You will have to do some general
reading as well as preparing for tutorial and seminar discussions and writing your essays. Most modules are taught at lectures and supporting tutorials and seminars. The exact mix varies between individual programmes.

Lectures set out the intellectual landscape of a topic or area of study, introduce unfamiliar material, and highlight difficult or controversial issues. Tutorials, of about 15 students, normally meet weekly. They examine, by discussion or exercises, topics related to a lecture course. Seminars, typically of about 15 students, are a forum for the analysis of particular topics and are usually introduced by students presenting papers to the group.

When you successfully complete the first year of any of the departmental degrees, you are normally free to transfer to another one within the Department. Many students do so as their interests develop.

Assessment
Assessment methods are varied and assessment to measure progress takes place throughout the programme. Written procedural requirements, usually the submission of essays from tutorials, seminars or exercises, are returned with grades and comments. There is a wide variety of examinations within the Department. These are closed written examinations, open examinations where you have the full use of books and notes, written projects and long essays.

The final degree mark is based on the work you do in Years 2 and 3.

Admissions
If you are self-motivated, self-disciplined and able to exercise independent judgement do apply! If you are thinking of applying, but have some questions, then do please contact the Admissions Tutor who will be happy to help.

The information contained in the UCAS application, especially past examination performance and the reference, gives us a general indication of your academic potential. The vast majority of offers are made on the basis of all the evidence presented in the application. However, if your background and record are unusual, or cannot be adequately presented in the UCAS application, then you may be contacted by us for further information. Everyone who receives an offer is invited for a half-day visit to the University and the Department. This enables you to see the campus and meet staff and – most importantly – current students.

Many students benefit from a gap year between school and university. We therefore welcome applications from those wishing to defer entry. You just need to apply in the usual way and indicate that you are seeking deferred entry.

For many years we have welcomed applications from mature students. Before making a decision we do take formal qualifications into account, but the lack of such qualifications is not necessarily a bar to entry. Motivation, enthusiasm and intellectual potential are what we are looking for and these can be demonstrated in various ways. If you are thinking of applying then do feel free to contact the Admissions Tutor for further information and guidance.

In common with many other Economics departments, we will only accept either A level Economics or Business Studies, but not both, from candidates who are taking both.

We welcome international students to our full-time degree programmes. Students from many nations of the developed and developing world have lived and
worked happily at York, and obtained good degrees from the Department. International students are fully integrated into our degree programmes and treated no differently from home students. However, we do recognise their individual needs by assigning them to a specialist supervisor with experience of their particular requirements. The University provides courses in study skills and English for all those who would benefit from them, and also administers a scholarship fund for overseas students.

The Department welcomes undergraduate students from overseas universities who wish to spend up to a year in supervised study at York, alongside other undergraduates, before returning home to complete their degrees. A wide range of programmes is available, usually for a full academic year (October–June), which may involve courses from several departments. Visiting students are expected to complete the prescribed assessment. A full transcript of each student’s academic record is supplied to the home university. Visiting students are assigned a specialist supervisor who is aware of their particular needs.

**WHAT NEXT?**

The Department of Economics and Related Studies offers a wide range of courses that help you to develop the skills that you will need in the labour market. Our commitment to research and to research-led teaching means students are taught by a diverse faculty of economists, econometricians, statisticians and economic historians at the forefront of their respective disciplines. The strong analytical, empirical and interpretative skills that our students develop are highly valuable to employers. Our focus on group teaching and close supervision enables our students to develop the verbal, presentational and teamwork skills that employers demand.

Outside their degrees, many of our students become involved in enterprise activities organised by student societies and by the White Rose Centre for Excellence in the Teaching and Learning of Enterprise, which is located at the University of York.

Endowed with a variety of skills, our graduates enjoy careers where independent and creative work is prized. Accountancy, banking, business, finance, law, the media, personnel departments, social work and teaching are just some of the career destinations of the Department’s graduates over the past few years.

Alumni of the Department include the President of Portugal, Aníbal Cavaco Silva, the former Prime Minister of South Korea, Han Seung-soo, and MIT Professor of Economics, Daron Acemoğlu.

In recent years, graduate placements have included Ernst & Young, PricewaterhouseCoopers, the World Food Programme, KPMG, Goldman Sachs, the European Parliament, HM Revenue and Customs, and Barclays. A good proportion of our graduates enter the graduate school at York, one of the largest in the country for postgraduate training and research.

Examples of career destinations include:

- Associate accountant for an accountancy firm
- Actuarial consultant for a professional services firm
- Investment banker for a global bank
- Digital news producer for a newspaper
- Civil Service economist
- Analyst for a bank and financial services company
Education: you’ve experienced it – now why not find out how it works? York offers you the opportunity to investigate this richly diverse field of enquiry in the company of highly qualified teachers and researchers.
Studying Education

Education affects life chances in a very real sense, as well as being an important and intrinsically fascinating field of study. Why do we have it? Why is it so expensive? Why is it in the form it is? Why is the political focus so much on institutions and teaching rather than individuals and learners? Ultimately, who does the education system serve? Answering these questions involves students delving into a wide range of disciplines and fields, including psychology, sociology, social policy, economics, politics, literature, philosophy and history.

Education at York

We offer a high quality teaching environment that allows for frequent interaction between students and lecturers. In the 2014 National Student Survey (NSS), we were given 99 per cent overall satisfaction score for the quality of our single honours courses. A vast number of topics can be covered in your programme, such as the portrayal of schooling in books written for children, the educational needs of pupils with disabilities, the psychological processes involved in learning, the teaching methods used in primary schools, whether bullying can be prevented, how social class is related to educational opportunities, the rise of mass education in the 19th century and the analysis of educational reforms and their political context. At York you can study Education from a variety of different perspectives and choose modules which cover your current interests or help you to develop new ones. In addition, you can choose to undertake a placement study which will provide you with the opportunity to gain an understanding of the work of an educational service.

In the 2014 Research Excellence Framework assessment, the Department was ranked in the top ten for the proportion of its research designated as ‘world-leading’.

Developing employability skills

The Department runs a number of initiatives designed to develop your academic, personal and employability skills. Important areas such as communication, analysis of data and ideas, computer literacy, networking, time management and project management are focused on through academic modules, careers workshops, employability fairs and a unique Employability and Enrichment programme. The Department is heavily invested in making our graduates employable and weekly events and activities are organised to introduce our students to a range of skills, experiences and career pathways in education. We host guest speakers from educational consultancies, businesses, charities, local government and schools, providing our students with numerous opportunities to seek advice, make contacts and gain inspiration. Students complete a Personal Employability Plan as they progress through the degree to record the employability skills and experiences they gain and to guide them in making appropriate career choices.

Community-based learning

Our Employability and Enrichment programme is a dynamic community-based learning experience that is designed to allow students to put into practice the knowledge that they have developed through their academic studies. Our students are linked to community partners for a five-week period in their first year in the Summer Term and undertake work on a range of educational projects. These enable our students to enhance their skills in a number of areas including team

“Education at York stood out as a course which would offer me a deeper understanding of education and the subjects it covers. I love the discursive nature of our lectures, which allow everyone to voice an opinion. The political side of the course fascinates me, and our module on new, alternative forms of education has given me a more progressive perspective. The size of the Department is a real bonus too. The staff, who are incredibly helpful, get to know you quickly and are easy to get hold of.”

TOM, BA EDUCATION, 2ND YEAR
building, project management, planning, undertaking research and communicating to different audiences.

**Student/staff communication**

The Department has excellent communication between students and staff and there are a number of opportunities for student representation on academic matters. The Department prides itself on being friendly and accessible and opportunities for feedback and consultation with the undergraduate management team are abundant. In 2012, the Department held the University’s ‘Department of the Year’ award for the quality of its undergraduate supervision, which indicates the pride and care taken to maintain excellent relations with our students and to support them in academic as well as welfare matters. In the 2014 NSS, students highlighted the great support teaching staff provided for students.

**Education Society**

The Education Society is a student group that organises regular social, academic and careers events throughout the year. Within the Society, a peer support group offers information, advice and networking for all students within the Department. The Society also collaborates with staff to enhance academic and social provision for students.

**Our programmes**

We offer single subject honours programmes in Education, English in Education and Psychology in Education. We also offer a combined programme in Sociology and Education (joint honours).

**What you study**

Our programmes introduce you to a wide range of theoretical perspectives and academic disciplines applied to the study of Education. Students are encouraged to keep up to date with current debates regarding educational theory, policy and practice.

The degree programmes fall into three stages designed to offer supported progression in both knowledge and skills.

The aim of Stage 1 is to provide you with a unifying vision and perspective regarding education as a field of academic enquiry. All modules in Stage 1 are core and compulsory.

The work for Stages 2 and 3, upon which the final degree classification is based, is made up of core and optional modules. In Stage 3 you complete an empirical dissertation based on personal research with tutorial support.

For a full list of the modules currently available please refer to the Undergraduate Study web pages.

**Education**

The BA Education programme explores the field of education from a variety of perspectives and looks at a wide range of issues and topics. The programme introduces you to diverse theoretical perspectives and academic disciplines applied to the study of Education and will encourage you to engage in critical reflection on the aims and values of education. The programme does not include teacher training. It is designed to appeal to students who are interested in a range of roles within education, including consultancy, guidance and counselling, resource design and teaching.

**English in Education**

The BA English in Education programme explores education specifically in relation to language and literature. You will learn about key educational issues, with a focus on the ways in which the study of language and literature helps people become educated. This programme will be of particular interest to you if you enjoy English, as well as other languages and literatures, and if you wish to explore ways in which learning takes place. If you are thinking of becoming a primary or secondary school teacher, you will also be interested in this programme.
Psychology in Education

The BSc Psychology in Education is a single honours programme that will appeal to students who have an interest in the application of psychological theory and practice to education. The course is accredited by the British Psychological Society. This accreditation is essential for subsequent postgraduate doctoral courses in Clinical and Educational Psychology. In addition you will explore a wide range of academic disciplines related to the study of Education.

The Department has dedicated Psychology in Education lab facilities, which include the latest technology such as eye-tracking.

Sociology and Education

The BA Sociology and Education is a combined joint honours degree programme that is specifically designed to appeal to students who have an interest in both the field of education and the discipline of sociology. The programme explores the field of education from a sociological perspective. In addition, you will be introduced to a wide range of competing theoretical perspectives and academic disciplines applied to the study of Education. For further information see the entry for Sociology on page 191.

Study abroad

If you are interested in spending some time overseas during your degree at York, we have exchange links with universities in Europe. In addition, you can choose to study in Australia, South Africa, Asia or North America through the worldwide exchange scheme.

Assessment

We use a wide range of assessments to help you develop various skills which are valued by employers. Modules are individually assessed as they are studied and grades are awarded on the basis of specified pieces of work such as essays, projects and reports. Tutors and supervisors provide regular feedback (both written and oral) in order to help you to develop skills essential for your success within the degree programme and relevant to your future career.

Admissions

We welcome applications from school leavers and mature students. We are looking for people who demonstrate a commitment to and a fascination with the study of Education in its many forms. No particular subjects are required and General Studies is accepted for the BA programmes. However, please check the website for current requirements regarding the Psychology in Education BSc programme. Students who intend to proceed to a PGCE course should be aware that GCSE or equivalent passes in Mathematics and English Language and, for primary, a science are required for all entrants to the teaching profession.

Single honours candidates

Your application form and personal statement should convince us that you have a commitment to the study of Education, the intellectual and organisational skills required to structure your time at university successfully and a willingness to engage creatively with tutors and fellow students in the debate about this diverse and fascinating subject. Candidates who are made an offer are invited to attend a group visit. Some candidates may be invited for interview.

Combined honours candidates

In the case of candidates for the combined honours degree, admissions selectors read the application forms carefully and, in consultation with the Department of Sociology, may invite candidates for interview.

WHAT NEXT?

The programmes offered in the Department of Education are designed to prepare students for a variety of careers, such as an early years or primary teacher training, adult education, journalism, the Civil Service, educational research or publishing, among others. The Department works closely with the University Careers team.

All our programmes are academic degrees, not teacher training courses. Students who wish to teach in primary or secondary schools or adult education will need to take a postgraduate teacher training course (PGCE).

Examples of careers undertaken by our graduates include:

- Curriculum leader for a school
- Education consultant for a management consultancy
- Associate for a professional services firm
- Executive support officer for a supported living service
- HR assistant for a national voluntary organisation
- Teaching
Programmes UCAS

**Electronic Engineering**
- Electronic Engineering H610 BEng/EE3
- Electronic Engineering with a year in industry (4 year) H611 BEng/EE4
- Electronic Engineering (4 year) H609 MEng/Elec4
- Electronic Engineering with a year in industry (5 year) H608 MEng/Elec5

**Electronic and Computer Engineering**
- Electronic and Computer Engineering H634 BEng/ECE3
- Electronic and Computer Engineering with a year in industry (4 year) H635 BEng/ECE4
- Electronic and Computer Engineering (4 year) H639 MEng/ECE4
- Electronic and Computer Engineering with a year in industry (5 year) H638 MEng/ECE5

**Electronic Engineering with Nanotechnology**
- Electronic Engineering with Nanotechnology H6F3 BEng/EENW3
- Electronic Engineering with Nanotechnology with a year in industry (4 year) H6F4 BEng/EENW4
- Electronic Engineering with Nanotechnology (4 year) H6F9 MEng/EENW4
- Electronic Engineering with Nanotechnology with a year in industry (5 year) H6FG MEng/EENW5

**Electronic Engineering with Music Technology Systems**
- Electronic Engineering with Music Technology Systems H667 BEng/EEMT3
- Electronic Engineering with Music Technology Systems with a year in industry (4 year) H661 BEng/EEMT4
- Electronic Engineering with Music Technology Systems (4 year) H669 MEng/EEMT4
- Electronic Engineering with Music Technology Systems with a year in industry (5 year) H668 MEng/EEMT5

Courses are three-year programmes unless otherwise stated.

**Music Technology Systems**
- Music Technology Systems H663 BEng/MTS3
- Music Technology Systems with a year in industry (4 year) H664 BEng/MTS4
- Music Technology Systems (4 year) H666 MEng/MTS4
- Music Technology Systems with a year in industry (5 year) H665 MEng/MTS5

**Electronic and Communication Engineering**
- Electronic and Communication Engineering H621 BEng/ECoE3
- Electronic and Communication Engineering with a year in industry (4 year) H622 BEng/ECoE4
- Electronic and Communication Engineering (4 year) H629 MEng/ECoE4
- Electronic and Communication Engineering with a year in industry (5 year) H628 MEng/ECoE5

**Electronic Engineering with Business Management**
- Electronic Engineering with Business Management H6N2 BEng/EEMB3
- Electronic Engineering with Business Management with a year in industry (4 year) H6N3 BEng/EEMB4
- Electronic Engineering with Business Management (4 year) H6NG MEng/EEMB4
- Electronic Engineering with Business Management with a year in industry (5 year) H6NF MEng/EEMB5

**Electronic Engineering with Foundation Year**
- Electronic Engineering including Foundation Year (4 year) H604 BEng/E Ef

Natural Sciences – see page 147

Key facts

Admissions Tutor: Dr Stuart Porter
Telephone: +44 (0)1904 322365
Website: www.elec.york.ac.uk/ugrad
Email: elec-ug-admissions@york.ac.uk

2014 Applications: 657
2014 Admissions: 151

Typical offers

MATURE STUDENTS
Mature students are welcomed and considered individually

A LEVELS
BEng: ABB
BSc: ABB
MEng: AAA

IB DIPLOMA PROGRAMME
BEng: 34 points
BSc: 34 points
MEng: 36 points

SCOTTISH QUALIFICATIONS
BEng: AABBB at Higher and AB at Advanced Higher level
BSc: AABBB at Higher and AB at Advanced Higher level
MEng: AAAA at Higher and AA at Advanced Higher level

BTEC EXTENDED DIPLOMA (QCF)
BEng/BSc: DDM
MEng: DDD

OTHER QUALIFICATIONS
For details of other acceptable qualifications go to www.york.ac.uk/admissions

Essential subjects

BEng/MEng: Mathematics and one of Physics/Electronics/Chemistry
BSc: See page 94 for details

English as a foreign language

IELTS 6.0 with at least 5.5 in all units

“Outstanding lecturing, interesting, enthusiastic and effective ... Very useful skills for all aspects of life”

Student feedback
Studying Electronics

We are surrounded by electronics – in everything from computing to music, medicine to defence systems, artificial intelligence to aerospace. Engineers design the endless variety of electronics for society’s ever-changing technological needs. This makes electronics the world’s largest and fastest-growing industry, in which well-qualified graduates are in high demand.

Lighting, heating and alarm systems use sophisticated electronic control and sensor systems. Televisions and music systems bring performance to life, whether digitally transmitted or from high-definition media. Multiple computers can network wirelessly and access immense quantities of information from the internet. Mobile devices – phones, consoles and tablets – interact seamlessly and are rapidly merging.

Transport systems, from high-speed rail to jet fighters, depend completely on modern electronics. Aeroplanes have a mass of tightly integrated control, navigation and communications equipment. Cars run via electronics that regulate fuel injection and ignition timing, protect against theft and provide entertainment and navigation. They were assembled by robots directed by electronic control systems.

Hospitals bristle with electronics, helping ensure the patients’ well-being, including lasers for surgery, body scanners and X-rays for rapid diagnosis, and automated blood and tissue analysis.

To create the technologies that make all this possible, we need highly trained electronics engineers. The study of Electronic Engineering extends from production of components and ‘chips’ through to the system designs that employ these to solve real-world problems. Virtually all electronic systems contain either a microprocessor or programmable device and so our programmes contain substantial elements of computing and software. Possible applications are endless, giving engineers exciting and challenging careers in which they can influence the shape of technologies in the future.

Electronics at York

Our programmes are designed to turn highly motivated and able students into practical and innovative engineers. We expect our graduates to be able to design the next generation of electronics.

All our programmes are accredited by the Institution of Engineering and Technology (IET), indicating that they are of the highest professional standard. Success at MEng level provides the academic qualification for subsequent entry to Chartered Engineer status or its European equivalent, Eur. Ing. The BEng/MEng programmes are also recognised by the European Federation of National Engineering Associations (FEANI) for registering graduates in the European Engineer Register.

We have given considerable thought to the way that we teach the subject to our students. This is reflected in York’s consistently high rankings in the education league tables and National Student Survey. In the 2014 Research Excellence Framework assessment, 87 per cent of the Department’s research activity was rated as ‘world-leading’ or ‘internationally excellent’.

Our programmes

The Department has a modular structure that offers a wide range of options, allowing students considerable flexibility. The programmes are built around a common core. The first year is substantially the same, but retains an element of each specialism. This allows students to transfer between various programmes until the end of the second year. A greater number of more specialised modules are offered in later years.

Many students will wish to pursue their studies for four years to obtain the degree of MEng. However, all students on MEng degrees can switch to a three-year BEng before the end of the second year.

A sandwich year in industry is an option for all our programmes. Students can take a year in industry between their second and third years – MEng students can also take it before their final year. The Department has links with many companies and can help with sandwich years during the programme. Some students are sponsored during later years and undertake industrial placements.

First year BEng/MEng modules provide a solid foundation in electronic principles, circuits, components and devices. Application is seen through the design and fabrication of complete products in the laboratory and group projects. All modules contain a substantial element of mathematics and computing, such as Java and C, the computer programming language.

The second year of the BEng/MEng
We aim to turn highly motivated students into innovative engineers who are able to design the next generation of electronics.

involves students in the analysis and design of hardware and software systems. Material includes communications, computing, networks and recording and media technologies. Laboratory work allows practical experience and includes an element of design.

Third year BEng students study a range of options depending on their programme. They also carry out their major individual project and a design and construction project in parallel with these specialised modules.

MEng students study a range of advanced options in their final two years. In their third year, they undertake a substantial group software engineering project. This is followed by their major individual project, which they undertake during the final year.

The BSc Music Technology in the early stages covers familiarisation with a digital recording studio along with essential electronic principles. Topics then include audio engineering, hearing and perception, voice production, audio interfaces, creative studio exercises and mathematical and computing tools.

Students undertake a group project in the production and editing of music and sound effects for moving image. The final year individual project allows students to work on a specialist area of their choosing, alongside advanced options and the production of a portfolio of audio material.

BEng/MEng Electronic and Computer Engineering

Electronic engineers design the semiconductor devices, data communications and interfaces used in computer systems, as well as high-frequency display monitors and mass storage media. They use microprocessors and computers for control, measurement, signal and image processing, and for system design or modelling. These programmes develop a wide range of computing skills as part of the engineering problem-solving process.

BEng/MEng Electronic Engineering with Nanotechnology

Nanotechnology encompasses the design and study of devices on a scale of less than 100nm – barely a few hundred atoms across. York is one of the leading UK institutions with expertise in this growth industry, with its York JEOL Nanocentre, a multimillion pound research centre. This degree programme is one of the first IET accredited courses in this discipline and emphasises those areas of nanotechnology of direct relevance to contemporary electronics.

BEng/MEng Music Technology Systems/Electronic Engineering with Music Technology Systems

York was the first Electronics department in the UK to introduce programmes for those who wish to combine an interest in music with a solid background in electronic engineering. Graduates will be electronic engineers with specialist skills in the design and application of music and audio engineering.

“The breadth of the course appealed to me, and I really liked the fact that we can tailor it to our interests from Year 1. The Department and staff are amazing and always willing to help. Lectures are made engaging and entertaining by excellent teachers with lots of demonstrations. I've enjoyed getting stuck into the practical side of Electronics. We have great facilities and labs can be really fun. In the first year we built mini audio-mixing desks to use with an iPad, computer and instruments, and this year we've used lasers.”

NAOMI, MEng ELECTRONIC ENGINEERING WITH A YEAR IN INDUSTRY, 3RD YEAR
audio equipment. The Department boasts a strong musical atmosphere and has its own professional-standard recording studio and mix-down and practice facilities.

**BSc Music Technology**

This BSc programme meets the needs of students who both have creative musical interests and are keen to explore the technologies which underlie audio systems. It also provides an opportunity for students who are not necessarily taking A level Mathematics to study this popular discipline. With plenty of practical work in our recording studios, it covers the fundamental electronic engineering techniques that are used in music technology.

**BEng/MEng Electronic and Communication Engineering**

Communications technology has always been one of the major strengths of the Department and these programmes allow specialised study applicable to major growth areas, such as mobile and global communications, wireless networks and high altitude systems. As well as providing a strong background in electronics there are more specialised studies in areas such as signal processing, data coding, broadcast technology, optical systems and radio communications.

**BEng/MEng Electronic Engineering with Business Management**

While all our degrees cover technical management, for these programmes the management content increases. Areas covered include marketing, accounting, finance and strategic management. The content meets the needs of those engineers who have ambitions to progress quickly to a managerial position.

**BEng Electronic Engineering with Foundation Year**

This is an entry route for those with no recent or appropriate qualifications. The material covered includes mathematics and physics up to A level standard. Practical electronics is included as an introduction to the material in later years. The programme is taught entirely within our Department. Students on this programme pay a significantly reduced fee during the Foundation Year. Means-tested support is provided for some UK/EU students in the form of non-repayable bursaries (subsequent years of the programme carry the usual fees).

**Teaching and learning**

Lectures convey much of the theoretical content of our programmes, supported by workshops, supervision sessions, tutorials and extensive laboratory sessions. All support sessions are informal and provide opportunities for students to discuss the subject with staff members, either in small groups or one to one. Students are encouraged to approach their lecturers at any convenient moment.

A typical student week will involve ten hours of lectures, six hours of laboratories and four hours of workshops/tutorials, plus additional private study time.

Students have a personal supervisor who is there to provide advice and assistance throughout the duration of their programme. They meet regularly in the first year and students are welcome to approach their supervisor at all times to discuss any academic and welfare issues.

All programmes contain substantial laboratory sessions where measurement skills are developed along with investigations into the functioning of electronic components and systems. They also include time in the Department’s dedicated computing laboratory and, where appropriate, in the digital media suite, recording studios and device fabrication/microscopy facilities.

Project work features throughout. A key group project is carried out by first year students to design a commercially viable product. In the third year, MEng students carry out a major software engineering exercise in teams of around eight. The groups run as a company with each student taking on a specific role within a business context. They design, code and implement a substantial application with the final assessment including a presentation delivered on their package. Substantial group work is also embedded in individual modules.

Final year BEng/BSc students carry out their major individual project under the guidance of an academic project supervisor. The students can choose a project offered by members of staff or propose a project of their own. Some projects are in collaboration with our...
industrial contacts and involve the
design of commercial products.

Final year MEng students spend two
terms on an individual project. If they
opt to carry this out in industry, the
project is arranged, vetted and jointly
supervised. Students can select the
project of their choice, provided they
convince the industrial partner that they
possess the requisite talents. There are
some opportunities to carry out industrial
projects overseas. Alternatively, students
can carry out their final year project
with one of our research teams. Many of
these projects are industrially sponsored
and students have been able to make
significant contributions to leading-edge
industrial research.

The Department offers approximately
200 projects each year to final year
students. Recent ones have included:

- Broadband multi-octave high
efficiency RF and microwave amplifiers
- Contactless PC interface using Arduino
  microcontrollers
- Predicting the stock exchange using
  social networks
- Evolutionary algorithms in the
detection of Parkinson’s Disease
- Self-healing modular robotic systems
- Self-test and self-repair in
  reconfigurable processors
- DNA molecular machines
- Next-generation spintronic memories
- Acoustic modelling of adjustable sound
  boxes for stringed instruments
- Detection of emotion in voice using
  Evolutionary Algorithms
- OFDM receiver for underwater acoustic
  communications
- Autopilot for aerial photography.

Sandwich years

Students can take a sandwich year on
all our programmes. The Department’s
co-ordinator helps find a sponsor and
a member of staff will visit during the
placement. You can apply for this from the
start or add it when you are on the course.
Students find the experience invaluable in
choosing career options and have often
found that placements lead to job offers
on graduation.

Study abroad

There are opportunities to study for part
of the course in an overseas university.
Currently arrangements exist for study
to take place in universities in Greece,
Germany, Portugal, Belgium, the Czech
Republic, Norway, Romania, Sweden,
France, Canada and the USA.

Assessment

Assessment is based on a mixture of formal
examinations and continuously assessed
work including laboratory reports, regular
assignments and project reports. The project
marks for all students form a substantial
proportion of the final degree classification.

Frequent and timely feedback is
given on work submitted by students to
enhance their development. We also ask
for regular feedback from our students
to help us maintain our high standards
of teaching quality.

Scholarships

Scholarships are available to the most
outstanding first year UK/EU entrants.
Entrants who obtain A grades in
Mathematics and a science subject at
A level or Scottish Advanced Highers will
be considered, as will high grades in other
acceptable qualifications. A separate
application is not required. An internal
panel will consider examination grades,
performance at interview and any
other indicator of academic or
creative excellence.

We also offer a number of scholarships
for the best performing Foundation
Year students, after the first term of the
course. These are open to both UK/EU
and international students.

The Department is an invited member of
the UK Electronic Skills Foundation (UKESF),
a consortium of major UK electronics
companies, which offers scholarships.
that include bursaries and summer placements and may include 12-month sandwich placements.

Admissions
Candidates for all programmes must apply through the UCAS system. On receipt of application forms, suitable UK-based candidates will normally be invited to interview. In the case of applicants from outside the UK, a decision will be made based on the application.

We also offer a ‘parents’ programme’ for any accompanying relatives or friends.

Offers of a place are usually conditional on specified examination grades. General Studies is not normally included within the offer, but a good grade may be taken into account at results time.

Students offered a place on MEng degrees who only obtain suitable BEng grades will be automatically offered a place on the corresponding BEng programme if they accept York as a firm choice. Transfer back to MEng programmes is then possible subject to satisfactory performance in the first year.

Certain programmes have other prerequisites:

- All Music Technology courses: a demonstrable motivation towards making music. Please see our web pages at www.elec.york.ac.uk/ugrad/apply/music.html.

- BSc Music Technology: a grade B at GCSE level Mathematics is required.

- Foundation Year: there are no specific entry requirements – students taking inappropriate subjects or mature students are encouraged to apply. Candidates’ potential to cope with the mathematical and technical material will be explored in an informal interview.

After examination grades become available, we will try to be as flexible as possible given the competition for places. In particular, we are prepared to consider cases where studies have been disrupted by illness or personal or domestic problems. We prefer to be informed of such difficulties prior to the release of examination results.

Please contact us if you would like to discuss specific circumstances. Individual visits can also be arranged in advance of an application. A detailed departmental brochure is available upon request.

WHAT NEXT?
There is a strong demand for Electronics graduates with high quality degrees. Our programmes are extremely well regarded by employers because of their rigorous nature and relevance to industry. Our students succeed in obtaining employment quickly after graduation. In addition, graduate destination figures show that our students perform well above the national average in securing jobs in the highest professional categories.

The strong emphasis on project and teamwork in our programmes allows students to gain and demonstrate skills directly applicable to industry. The third year MEng group project simulates the role of the working engineer. Students find the experience they gain in management, budgeting and presentation to be valued highly by employers. Final year individual projects often involve development work that will carry forward into commercial application. Many result in job offers.

Students who take a sandwich year or sponsored vacation work find they have an enhanced perspective on the application of their programme to industry. It is also an opportunity to make invaluable contacts.

The majority of our graduates have entered areas of work related to their subject, such as electronics design, development and research. Many others utilise the problem-solving and logical aspects to pursue careers in computing.

For alternative careers, our graduates have advantages in a wide range of others such as advertising, broadcasting, law, marketing and teaching. The transferable skills gained are highly valued by employers meaning there are few constraints on career possibilities.

Graduate employment examples include:

- Senior applications specialist for a public broadcaster
- Application delivery manager for a multinational bank
- Hardware engineer for a British multinational defence, security and aerospace company
- R&D in a visual effects organisation
- User experience designer for a global business and technology company
- Product design consultant for a data management company
“Literature offers the thrill of minds of great clarity wrestling with the endless problems and delights of being human. To engage with them is to engage with oneself, and the lasting rewards are not confined to specific career paths”

Jonathan Stroud, author and former York student
Studying English and Related Literature

Literature is a subject of great breadth and range, which can take you, depending on your interests, from Anglo-Saxon England to 20th- and 21st-century America, or from ancient drama to modern Irish poetry. Literature is not checked by language barriers, so the literatures of many languages and cultures are on offer, and literature is not confined to the printed page but extends into theatre and film, so topics can range from the many different ways of performing Shakespeare to the experiments of radical cinema. Studying literature challenges your preconceptions in exciting and surprising ways, and writing about literature, even at undergraduate level, enables you to make real and valid literary discoveries of your own. Finally, literature has intellectual links to many other disciplines, whether you choose to study it on its own or in combination with another academic subject.

Our programmes

In the first year of our undergraduate programme, students are offered a set of core modules which introduce them to the critical and historical study of literature at undergraduate level. These modules are supplemented by additional skills-based and topic-based modules. The wide-ranging second and third year programmes allow students to choose from an exciting menu of period modules, which involve the close study of literature in its historical context, and special modules which explore specific literary, cultural or performance topics. In the third year, students take a year-long independent study module which gives them the opportunity to research and write a substantial dissertation on a topic of their own choosing. All single subject students also take a module in a foreign literature studied partly in its own language. We offer two distinct pathways, leading either to a literature and language module in the second year, or to a two-part foreign literature module taken over the second and third years. We offer modules in a broad range of ancient and modern languages, and students are fully supported in the development of the required language skills for foreign literature study.

As well as the single subject English programme, the Department offers combined programmes with the Departments of History, History of Art, Language and Linguistic Science, Philosophy and Politics. Combined programme students take a mixture of modules chosen from their twin departments. In addition, combined programme students will usually have the opportunity to take an interdisciplinary module bringing their two subjects together, and/or to undertake an independently researched essay or dissertation on a topic linking their two subjects, written with supervision from a tutor in each department. Combined programme students will also have the chance to take a literature and language module or a foreign literature module, although they are not required to do so.

Further details of our programmes will be provided during 2015/16 on the Department of English website.

What you study

Year 1

In the first year, students are introduced to the undergraduate study of literature through carefully linked modules which...
cover a variety of texts and critical approaches. In Term 1, these modules are designed to familiarise students with the study of a wide range of genres from across different historical periods, from poetry and drama to film and fiction. In Term 2, students begin to develop the necessary skills for the reading of literary texts in their historical and cultural contexts in modules that introduce students to the study of literature of a particular historical period, and to the global range and politics of English literature across historical divides. The programme in the first year is underpinned by a year-long lecture module that provides students with important critical and methodological contexts for the study of literature. Students will also choose two topic modules which build on themes and debates explored in the modules undertaken in Terms 1 and 2.

Years 2 and 3
In the second and third years of the programme, students choose from a wide selection of period, special and topic modules. Our flexible programme allows students to begin tailoring their degree to their own interests, while at the same time offering them the opportunity to cover literary works from across a wide range of historical periods from the Middle Ages to the present, as well as selected offerings in classical literature. Period modules provide students with the chance to explore the ways in which literary works engage with the cultural debates and transformations of their historical moment, while our special modules reflect the wide-ranging research interests of the Department. Special modules concentrate on specific literary or cultural topics, and include extended explorations of individual authors, particular genres, and writing addressing a specific idea or debate. Second year students also take a topic module that offers them the opportunity to explore a text, genre or debate in more detail. The second year is underpinned by a year-long lecture module that explores the history and theory of literary criticism. In the third year, students develop dissertation topics out of their own literary interests. They are supported in researching and writing their dissertations through a programme of structured supervision.

One of the key features of the Department’s commitment to a wide-ranging and multicultural syllabus is its requirement that all single subject students take a module in a foreign literature studied partly in its own language. Our programme of foreign literature study offers students the opportunity to engage with foreign literary texts in their original language, supported by preparatory language study. Students fulfil this requirement by choosing from one of two distinct pathways, leading either to a literature and language module in the second year, or to a two-part foreign literature module over the second and third years. Students choose their pathway based on their own interests and their prior language learning. Depending on their choices, students may need to take up to four terms of preliminary language classes to prepare them for the study of a foreign literature. The Department normally offers a choice of modules in Anglo-Saxon, French, German, Italian, Latin, Old Norse and Spanish, all of which can be started at beginner level. Students can also further explore their interests in foreign literature in their dissertations. Literature and language modules and foreign literature modules are also available as options to combined programme students, though they are not required to take them.

Overall, York’s English degree offers a uniquely international view of literature, embracing the history, politics and philosophy of cultures beyond England.

“The flexibility and innovation of York’s Department of English were particularly appealing. The huge range of modules has allowed me to focus on my own personal interests. I’ve especially enjoyed being encouraged to think creatively about literatures from cultures across the world. The focus on small group learning and availability of tutor support helps you feel directly involved in academic culture. The size of the Department directly benefits students too, because however much what your literary passion may be, the chances are there’s a tutor who’s written a book on it.”

CHARLIE, BA ENGLISH, 3RD YEAR
“English at York first attracted me because of the essay-based assessment structure. The variety of modules has enabled me to study drama, film and even foreign literature. Learning from lecturers who teach directly from their own research means I examine texts in a detailed and non-canonical fashion. One of my favourite modules was A Girl and a Gun: Post-War European Cinema. I loved it. I had never studied film before and I’ve since been able to enjoy Hollywood, art house and avant-garde movies on a very different level.”

YU NENG, BA ENGLISH, 3RD YEAR

This means that our students graduate with the broad cultural awareness that appeals to employers, as well as the rigorous literary training that paves the way for further study.

Teaching and learning
The Department attaches particular importance to small group teaching, enabling students to share their insights and develop their critical skills by presenting and discussing their own ideas. We draw on a variety of teaching formats, including seminars of small groups for the lively discussion of particular texts, larger workshops for the exploration of particular themes and topics, and lecture programmes designed to introduce students to ideas, debates and contexts for the works they will be reading. Literature and language modules and foreign literature modules are taught through weekly seminars which include language work. Staff office hours offer additional opportunities for the discussion of a particular text, a stimulating lecture, an essay plan, or a dissertation topic.

In addition to formal teaching, students will be expected to devote a considerable amount of private study time both to primary and secondary reading and to researching and writing essays, for which they will be encouraged to choose their own topics with individual guidance and detailed feedback from their module tutors.

Study abroad
The University takes part in the European Union Erasmus student exchange scheme, which enables some students from the Department each year to spend one or two terms studying at Finnish, Italian, Spanish and French-speaking Swiss universities. The University has exchange schemes, in which students from the Department can participate, with a number of other international universities, including institutions in North America, Asia, South Africa and Australia.

Assessment
The Department has always prided itself on offering an innovative mix of assessment methods, designed to maximise the opportunity for students to do research-based work on topics of their own choosing and to minimise the time spent sitting closed examinations, so essay writing and essay skills are central to the assessment of all three stages of our undergraduate programme.

Although all modules are assessed, the marks for first year essays do not count towards the final degree result, but with their accompanying feedback they enable first year students to gain a detailed sense of their progress from the very start of their programme. The year-long modules in the first and second years are assessed through a combination of exercises throughout the year followed by a closed examination at the end of the year. Our literature and language modules and foreign literature modules are examined through a combination of translation, grammar, and commentary examination and essays. Topic modules are assessed by a presentation of a group project. All other modules are assessed via essays, which can take a variety of forms from 800-word close-reading exercises to 3,000-word explorations of themes and debates covered on a module, to a 7,000–8,000-word dissertation on a topic of your choosing in the final year.

Students are fully supported in preparing for assessment. For closed examinations, they receive detailed guidance on how best to prepare, while group presentations for topic modules are developed under the
guidance of module tutors. Module tutors provide students with detailed feedback and advice on their written work, and help to prepare them for the research-led dissertation in the third year.

Admissions

Admissions decisions are usually made on the basis of the UCAS form and A level (or equivalent) grades and predictions, with interviews reserved for candidates returning to formal study after a significant break. We are looking for articulate, well-read people with wide and lively intellectual and cultural interests, whose engagement with literature covers much more than a single period and includes poetry and drama as well as fiction.

If you are one of those invited to come for interview, this will take the form of a half-hour conversation about your literary interests with a member of academic staff. You will be asked to bring some recent literary essays with you for assessment.

Offers are accompanied by an invitation to a departmental visit day, giving candidates the chance to sample our teaching in the form of a mini-lecture, ask questions about the course, meet students and staff and look round the campus.

The Department accepts English Language and Literature A level in place of English Literature, although candidates may need to extend their reading, particularly in poetry. We do not accept General Studies or Critical Thinking. The Department requires an A in A level English for both single subject and combined programmes.

Our selection policy and programme requirements are subject to review and we recommend that you consult our website for detailed and up-to-date information before you apply.

Mature candidates

The Department particularly welcomes applications from candidates wishing to resume their education after a considerable break. Such candidates will not necessarily have the A level grades we demand from school leavers, but we would expect them to be of the same calibre and to show clear evidence of their interest in and aptitude for studying literature.

Mature applicants need to make sure that they are adequately prepared for university study. One way of doing this is through a taught course, such as an Access to HE Diploma with a significant literature component. As well as reviving the habit of discussing, researching and writing about books, this ensures that the candidate has a recent academic referee and some written work to bring to interview.

Deferred entry

Students wishing to take a year out between school and university may apply through UCAS, indicating that they wish to defer entry for a year. Those who are offered and accept a place, and meet any conditions asked for, will have their places reserved for a year. We welcome applicants who wish to defer in this way.

WHAT NEXT?

Our degree programmes teach you to analyse and compare complex texts, to research diverse and challenging topics, and to present your findings cogently and persuasively, equipping you with precisely the kind of high-level transferable skills that are valued by employers. Many of our graduates go on either to postgraduate degrees or to further training in such areas as teaching, journalism, librarianship and law, while others have gone on to pursue careers in accountancy, advertising, arts administration, the Civil Service, computer science, management, the performing arts, public relations, publishing and social work. Several have become successful novelists, playwrights and poets.

Our recent graduates have begun their careers in areas including:

- Visitors experience co-ordinator for a museum
- Curatorial intern for a literary heritage organisation
- Graduate copywriter for a marketing and communications group
- Junior account executive for a communications agency
- Intern for an advertising and film agency for a film production company
- Teaching
Programmes

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<tr>
<td>Human Geography and the Environment (Extended Degree) (4 year)</td>
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| Natural Sciences – see page 147                         |       |

Courses are three-year programmes unless otherwise stated.

Environment at York bridges the natural, social and physical sciences to provide a uniquely interdisciplinary approach to teaching and research.

Key facts

Admissions Tutor: Dr Charlotte Burns  
Telephone: +44 (0)1904 322999  
Website: www.york.ac.uk/environment  
Email: environment@york.ac.uk  
2014 Applications: 512  
2014 Admissions: 111

Typical offers

**MATURE STUDENTS**  
Mature students are welcomed and considered individually

**A LEVELS**  
ABB

**INTERNATIONAL BACCALAUREATE**  
34 points

**SCOTTISH QUALIFICATIONS**  
AAABB at Higher level

**BTEC EXTENDED DIPLOMA (QCF)**  
DDM in National Diploma

**OTHER QUALIFICATIONS**  
For details of other acceptable qualifications go to www.york.ac.uk/admissions

Essential subjects

For F900, F901, F902, F903, F810, F811, F815, F816, F7M0, F7M1, F7L1 and F7LC, you should have a minimum of one subject (and preferably two) from among Biology, Chemistry, Geography, Geology, Environmental Studies, Mathematics, Physics or Psychology, with Geography or Geology required for F810 and F815.

For F7M0, F7M1, F7L1 and F7LC, Business Studies and Economics are also acceptable.

For L7F6, L7F8, L7FF and L7F9, you should have Geography plus two further subjects.

GCSE Mathematics or equivalent is required.

Applicants for the Extended Degree programmes should contact the Department for more information.

**English as a foreign language**

IELTS 6.5 with at least 6.0 in all units.
Studying Environment

There has never been a more important time to study environmental issues. Climate change impacts are at the forefront of the social and political agenda, and our degrees provide students with the skills to develop long-term sustainable strategies. Our students become independent thinkers, and are able to consider solutions for environmental problems that address the needs of all members of society. There is an urgent demand from employers for graduates who possess these skills and can apply them in different situations.

Environment at York

The Environment Department is dynamic and friendly and we carry out research across a wide range of environmental and geographical issues in developing and developed countries. In the 2014 Research Excellence Framework assessment, 96 per cent of the Department’s research activity was rated as internationally recognised. Our teaching and curricula are informed by our research, which includes work on marine conservation, tropical rain forests, atmospheric and oceanic science, ecotoxicology, biodiversity and conservation, glaciers, sea level change, natural and resource economics and environmental policy. We have also been awarded the highest grades in the Quality Assurance Agency for Higher Education (QAA) subject review.

The Environment Department attracts students from all over the world, and students can apply to undertake part of their study abroad (see page 105). The Department is committed to wider participation in higher education and for those with a non-traditional academic background, our four degrees can be taken with a foundation year taught by our partner institution, York College. These extended degrees are full University of York programmes (see Extended Degrees section on page 104). Our graduates have gone on to challenging and rewarding international careers in research, policy, business and industry. The Department is located at the heart of the campus, and our 2015 intake will move into a new building with extensive state-of-the-art laboratories, teaching and social spaces.

Our programmes

In the first year of each of our degrees, the relevant foundations are laid for future study. In the second year, students choose a proportion of their modules and begin to specialise, as well as taking part in a compulsory residential field course overseas. Currently, this course is in Tenerife and covers volcanic systems, renewable energy, tourism impacts and natural hazards. Costs for the field trip are covered by the Department, with students only expected to cover the costs of return travel to the island. The third year has different routes depending on whether students select BSc/BA or the integrated Masters (MEnv). For the former, students select from specialist taught modules, as well as undertaking an independent research project. For MEnv, students select from the same specialist taught modules, but also undertake material that prepares them for an extended research project in Year 4. The research project (for all degrees) provides an opportunity to undertake an in-depth study of a topic of particular interest, allowing students to apply what they have learnt in interesting and novel ways, and usually relates to topics that staff are actively researching.

Our undergraduate degree programmes contain modules that have links with public sector organisations such as the Environment Agency, Natural England and Forest Enterprise, major employers in the private sector and non-governmental organisations (NGOs). This ensures that our teaching is topical, policy-related and grounded in real-world examples. The Environment Department delivers most of the material within the four main degrees, but it is also possible to take elective modules from other departments, such as Politics, Sociology, Archaeology and Biology, providing flexibility for you to develop your own interests.
Our graduates have gone on to exciting, challenging and rewarding international careers in environmental research, policy, business and industry.

What you study

Environmental Science
The first year lays the foundations for understanding the basic principles and methods of analysis relevant to environmental science. The compulsory modules include study of the physical environment and ecological principles, development of numerical and key environmental skills, field and project work, and an opportunity to debate topical issues in environmental science.

In the second year, you will focus on developing your knowledge and skills in environmental science. You will study compulsory modules to develop your knowledge of environmental chemistry and biology, climate change and research project skills. You will take part in a residential field course, which will include field and project work. Optional modules allow you to increase your knowledge in particular areas such as energy, climate change and environmental geochemistry.

In the third year, a range of specialist modules is available in areas such as pollution monitoring and control, atmospheric and oceanic science, biodiversity and glaciers and ice sheets, as well as a field trip to Iceland. BSc students also undertake an independent research project in Year 3. For Year 4 of the MEnv degree, see page 104.

Environmental Geography
The first year lays the foundations for understanding the basic principles and methods of analysis relevant to environmental geography. The compulsory modules include study of the physical environment and ecological principles and will develop your numerical and key environmental skills. The modules provide experience of field and project work, and an opportunity to debate current issues in environmental geography.

In the second year, you will focus on developing your knowledge and skills in environmental geography. You will study compulsory modules in key areas such as earth processes and landforms and biogeography, and develop your skills in GIS and research project design. You will take part in regular fieldwork as well as a residential field course. Optional modules allow you to increase your knowledge in particular areas such as energy, climate change and environmental geochemistry.

In the third year, a range of specialist modules is available in areas such as coastal environments, glaciers and ice sheets, atmospheric and oceanic science, and land use and transformation, as well as a field trip to Iceland. BSc students also undertake an independent research project in Year 3. For Year 4 of the MEnv degree, see page 104.

Environment, Economics and Ecology
The first year lays the foundations for understanding the principles and applications of economics and ecology in environmental management and policy. The compulsory modules include an introduction to economics and ecology, development of your numerical and key environmental skills, and experience of field and project work, and offer an opportunity to debate current issues in the economics, politics, ecology and management of the environment.

In the second year you will focus on developing your knowledge and skills across environmental economics, ecology and environmental management. You will study compulsory modules in environmental policy and environmental applications of economics, as well as taking part in a

“Environment at York covers a broad spectrum of topics, from marine biogeochemistry to economics. I’m passionate about tackling the most pressing issues faced by humanity, and the interdisciplinary course style enables this by teaching a wide range of critical approaches and disciplines. I have really enjoyed my modules on energy and climate change, which looked at industrial, technological and political concerns as well as scientific ones. A highlight was the Tenerife field trip, where we experienced the environmental effects we read about first-hand. The staff are extremely kind and supportive.”

KEVIN, BSc ENVIRONMENTAL SCIENCE, 3RD YEAR
residential field course. Optional modules allow you to increase your knowledge in areas such as energy, climate change, ecosystem ecology and food security, learn specific skills such as GIS and gain more practical experience in data analysis.

In the third year, you will be able to choose from a range of specialist modules in areas such as freshwater economics, sustainable development and social inclusion, environmental politics, land use transformation and biodiversity. BSc students also undertake an independent research project in Year 3. For Year 4 of the MEnv degree, see the Integrated Masters option below.

Human Geography and the Environment
The first year lays the foundations for understanding the basic principles and methods of analysis relevant to human geography. The compulsory modules include an introduction to human geography and sustainable environments and will develop your numerical and key environmental skills. The modules provide experience of field and project work, and an opportunity to debate topical issues in human geography.

In the second year, you will focus on developing your knowledge and skills in human geography. You will study compulsory modules in key areas such as geographies of development and sustainable tourism and transport, in addition to developing your skills in GIS and research project design. You will take part in regular fieldwork including a residential field course. Optional modules allow you to increase your knowledge in areas such as megacities and urbanisation, energy and environmental policy.

In the third year, a range of specialist modules are available in areas such as gender, global poverty, environmental psychology and a field trip to Prague on production and consumption geographies. BA students also undertake an independent research project in Year 3. For Year 4 of the MEnv degree, see below.

Integrated Masters option
Our students can extend their study by a year to undertake an integrated Masters in Environment (MEnv), subject to progression requirements at the end of Year 2. The MEnv at York is designed to provide a more vocational experience than the three-year degrees, and is particularly useful for those who are planning a career in the environmental sector, or preparing for a PhD. Years 1 and 2 are the same as the BSc/BA degrees, but Year 3 differs in that you undertake an advanced literature review and gain skills in research methods and statistics rather than undertaking an independent research project. In Year 4, you specialise according to your parent degree, study modules led by environmental practitioners and undertake a substantial individual research project.

Extended degrees
All undergraduate degree programmes are available as extended degrees, with the first year taught by our colleagues at York College. The aim of this pathway is to provide access to higher education for a wider section of society. The content of the Foundation Year of the degree programmes has been designed by University and York College staff to prepare students to continue on to one of the four degrees, providing that students satisfy the progression requirements. Students pursuing the Extended Degree develop appropriate knowledge and skills, as well as gaining an appreciation of the value of independent enquiry, thus enhancing the necessary skills for lifelong learning. The first year of the Extended Degree (120 credits) has a modular structure and all modules are compulsory. Topics include: Maths and Statistics, Geographical Information Systems, Environmental Chemistry, Living Organisms and Environment, Physical Geography, Sustainability, Academic Skills, Personal Development and an Individual Project. For further information on the Extended Degree, please contact the Department.

Year in industry
Our programmes can include an optional extra year, between the second and third years, gaining vocational experience in an external organisation. This provides a rewarding (and paid) opportunity to experience careers opportunities in the environmental sector, giving an advantage when applying for jobs after graduation. Students receive support from the Department in finding a placement and during their year away. During the placement, students undertake a research project, written up as an assessed report. We also offer a number of short-term placements and internships.
Teaching and learning

The teaching and learning strategy within the Environment Department is designed to provide students with opportunities to experience a wide range of learning environments and approaches. These include lectures, tutorials, seminars, workshops, laboratory and computer practicals, field courses and research projects, all of which vary in form and content. Field-based learning is an important part of all our programmes, and you will undertake a relevant research project in each academic year. There is a mixture of independent and group-based work in each year of each of the degrees. Employability skills are critical in today’s job market; these are developed through a range of tasks across the core curriculum including a dedicated employability week in the first year, as well as in many of the wide range of extra-curricular activities available across the University. There are also regular sessions with Careers staff to prepare students for life after their degrees.

Study abroad

Students can apply to spend their second year studying an environmental programme at a university in North America, South Africa, Asia, Europe or Australia with which the University of York has exchange agreements and where equivalent material is available. We find that students who study abroad thoroughly enjoy and benefit from their time overseas.

Assessment

We use a range of assessment approaches to ensure that the skills and abilities of all students are properly captured, e.g. field course reports, essays, practical and project reports, oral presentations and examinations. The final degree classification awarded is based on the marks obtained in Year 2 and Year 3 for the BSc/BA programmes and Years 2 to 4 for the MEnv degrees. Year 1 does not count towards the final degree, but there are progression requirements to proceed to Year 2.

Admissions

Applicants are offered conditional or unconditional offers on the basis of their predicted or actual qualifications, respectively. We meet students at University Open Days and strongly encourage offer-holders to attend one of the departmental visit days held during the Spring Term. Mature students are encouraged to apply and we welcome enquiries and prearranged visits from such applicants.

WHAT NEXT?

Increasing awareness of the pressures on our planet means that career opportunities in the area of environment are expanding. The undergraduate programme prepares students to move in a number of career directions, such as environmental consultancy, town planning, travel and tourism, environmental protection, logistics and distribution, international aid and development, utility companies, local or national government departments or agencies (responsible for housing, environmental services and recycling), sustainability, regeneration and economic development and teaching. Many employers are becoming increasingly aware of the need for corporate environmental responsibility. In addition, the programmes prepare students with key skills that will be transferable beyond geography/environment jobs. Many of the skills developed during your degree (e.g. in decision-making, problem-solving, mathematical and statistical analysis, scientific methods, communication skills) are highly transferable and valuable in a wide range of occupations. A high proportion of our graduates find employment or begin a higher degree within six months of graduating. Our recent graduates have followed career paths in areas including:

- Wildlife disease scientist for a veterinary lab collective
- Environmental support officer for an engineering and construction firm
- Graduate trainee product developer for a food producer
- Trainee renewables consultant for a solicitors’ practice
- Strategic operations manager for a community interest company
- Lead conservation adviser for a conservation trust
History

Programmes

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Key facts

Admissions Tutor: Dr Catriona Kennedy
Telephone: +44 (0)1904 322977
Website: www.york.ac.uk/history
Email: history-ug-admissions@york.ac.uk

2014 Applications 1,499
2014 Admissions 244

Typical offers

MATURE STUDENTS
Mature students are welcomed and considered individually

A LEVELS
AAA including A in History/Classical Civilisation
AAB for VV13 and VV15

IB DIPLOMA PROGRAMME
36 points including HL 6 in essential subjects (may vary for combined programmes)

BTEC EXTENDED DIPLOMA (QCF)
DDD (may vary for combined programmes)

SCOTTISH QUALIFICATIONS
AAAAA at Higher and AA at Advanced Higher level (may vary for combined programmes)

OTHER QUALIFICATIONS
For details of other acceptable qualifications go to www.york.ac.uk/admissions

Essential subjects

History (or Classical Civilisation)
Excluding General Studies

Essential subjects are also required for the following combined programmes:
English for QV31, French for VR11

English as a foreign language

IELTS 6.5 with at least 5.5 in all units

With subjects that cover a huge breadth of time and geographical range, our degrees combine original research with the best traditions of stimulating and innovative teaching.
Studying History

Historians are students of change. We study the shifting forms of power, economies, societies and beliefs. We seek to understand the nature of these transformations and the forces that propel, contain and mould change. Historians thus bring independent, informed perspectives to our world and the choices we face.

History brings you into the world. Studying medieval, early modern and modern societies illuminates the unexpected logic of different cultures. Confronting the pasts of Europe, Iran, America or China makes clear underlying forces that shape today’s global environment. This is enhanced by the chance to study abroad or learn a new language.

Study of the past prepares you for the future. Historians are critical readers of evidence and understand how knowledge can be preserved, constructed and manipulated. They are quick to recognise interpretation, adept at engaging argument and proposing alternative solutions. They sift information quickly, the valuable from the superfluous, opinion from fact. They communicate clearly, in writing and verbally.

The York History degree also cultivates independence of mind, initiative, discipline and an ability to work with others. It therefore prepares you to navigate the changing demands of today’s world. Our graduates go on to careers in law, media, government, diplomacy, education and business.

But history is also thrilling. It challenges us to think harder and constantly surprises us. In studying History at York, you spend three years with others who are, like you, curious, enthusiastic, and with strong opinions.

History at York

We are one of the top departments in the country, ranked eighth in The Times and Sunday Times Good University Guide subject league table for 2015. We are also among the leading departments in the world for the advanced study of History and related disciplines, combining ground-breaking research with degree programmes that offer incredible chronological breadth and geographical scope. In the 2014 Research Excellence Framework assessment, the Department was ranked second overall for research performance.

Our Department is unusual for its size and range of expertise. Our nearly 40 full-time staff (leading researchers in their fields) include medievalists, early modernists, modern and contemporary historians – indeed, experts in every century between the fall of Rome (in the fifth century) and today. Our interests also span the globe, from Britain and Europe to the Americas, Asia and Africa.

Each of us teaches cutting-edge courses that are drawn from our areas of expertise. This means students can study the fifth through to the 21st centuries, and across the world, with leading experts. Subjects could include: Charlemagne, the Norman Conquest, heresy, the Crusades, the Black Death, the Hundred Years War, the Tudors, the Reformation and Counter-Reformation, and the Salem witch trials. And modern topics: the Enlightenment, the French Revolution, Caribbean slavery, the British Empire, Darwin, American Independence and the Civil War, Iran, World Wars I and II, the Weimar Republic, Stalin, modern China, Che Guevara, the Middle East, Harlem, the Cold War, and post-colonial Africa.

Our degrees are thus unusual in their intellectual, chronological and global variety. Core modules in the first year introduce you to a wide range of historical subjects and approaches, providing a broad sweep of history and historical problems. This is developed in the following years through core modules which interrogate the very nature of historical enquiry, as well as cultivate expertise in using primary materials. All single subject and most joint degree students undertake a dissertation: an independent, original work of history that is researched and written over 12 months. The subject is of the student’s own making, working one on one with an academic adviser.

Most modules, however, are individual courses developed and taught by staff in their area of expertise. In their first term, and throughout their second and third years, students select preferences from a range of options (typically between 8 and 25) which include medieval, early modern and modern offerings, British and global subjects, and a variety of intellectual approaches or themes. There are no subject requirements within these choices, so students can chart their own distinctive course through the History degree. Some prefer to range widely, others to specialise in a period (eg medieval), subject (eg American history), approach (eg political, social or economic history), or theme (eg warfare, colonialism or urban life). Many discover their own intellectual

“I chose York because as well as studying history in books I wanted to be in an historic city. I have really enjoyed working on lesser-known areas of history; in the first year I became fascinated by Shanghai, choosing to study it further in my second year module, The Modern City. It always surprises me to walk along the Department corridors and see such a variety of specialisms from battlefields to Brazil. Staff immerse you in their subjects with passion, meaning you never have a boring moment.”

KERRY, BA HISTORY, 2ND YEAR

108 History
curiosities which they pursue in seminars and then develop into a dissertation.

Our degrees prioritise engagement and intellectual challenge. Small group teaching remains at their core, and is an ever-larger component as students progress through the three years. In seminars and the weekly discussion groups that accompany lectures, tutors engage students, push them to develop their own ideas, and work with them to build their arguments.

The degree programme ensures progression from broad to specialised topics. The first year equips you with the tools necessary for degree-level History. Year 2 allows you to burrow deeper into events, themes or periods that interest you most. Year 3 sees you pursuing high-level historical work, through your own dissertation, the Special Subject and Comparative History modules. Students are also guided by a supervisor (personal tutor), whom they meet individually every term. The supervisor provides direction, reflection and support as well as advice as students prepare for internships and careers.

Studying History at York is demanding work, requiring considerable commitment to the development of personal as well as intellectual skills, a willingness to work with others, and an enthusiasm for history and historical problems. We expect this from all of our students. However, it is equally the case that they have matched up to these expectations. Over 94 per cent of our students achieved a First or 2:1 in 2014.

Our programmes
In addition to our single subject History BA (Hons) degree, we offer five joint degrees in History and English, French, History of Art, Philosophy or Politics. Each joint degree is equally divided between the two departments. We also offer a four-year BA in History with a year abroad.

What you study
The following outlines the single subject History degree. Joint degree students follow the same progression but half as many modules. For details of our joint degrees and for a wider range of our many module offerings, please see our website. Modules may be revised or developed: please see our website for the latest details.

Year 1
First year modules equip you for degree-level History. They introduce you to a wide range of historical material and subjects while developing the skills required for your more specialised work in Years 2 and 3.

The first term core module Making Histories introduces you to sources and approaches, as well as the working methods needed to practise history. It is taught by seminars, workshops and lectures, with written work assigned and marked by your tutor. Your Period Topic module provides an intensive introduction to a historical period or subject. Taught in a seminar by a member of staff, it fosters experience in historical debate and using primary sources. Offerings vary each year but have included:

- Goths and Romans in 6th-century Italy
- Violence, Miracle and Renaissance in Medieval France
- Shakespeare’s World
- Home and Away: Global Aspects of British History, c1720–1870
- Washington and Napoleon: Images, Reputations and Ideological Uses
- The Fall and Rise of American Anticommunism.

Core modules in the Spring and Summer Terms develop your intellectual engagement. Two wide-ranging modules, From Rome to the Renaissance: The Transformation of Traditional Societies, c400–1650, and Citizens, Comrades and Consumers: The Making of the Modern World, 1650–2010, introduce a broad spectrum of historical periods, events and subjects in an integrated programme of lectures and discussion groups. In addition, Thinking Through History uses lectures and workshops to explore challenging new ideas on topics such as vice and virtue and freedom and servitude.

Many students elect to study a foreign
language, as complete beginners or more advanced speakers. This can be done in addition to degree modules or as part of the degree programme (instead of Thinking Through History). Languages – including French, Arabic, Chinese, Russian, Spanish, German, Greek and Latin – are taken through the Languages for All (LFA) scheme.

Year 2
In the second year you take your historical interests further, defining the questions that most engage you. In the first term, two Histories and Contexts modules pull you deeper into a historical period or problem through lectures and weekly discussion groups. The range of options varies each year, but may include:

- The End of the Roman World: The Transformations of the Year 600
- Papacy and Peoples: The Making of Roman Catholicism as a World Religion
- The Tudor Regime: Power, Propaganda and Faith, 1485–1603
- Power and Belonging: The US, 1775–1877
- Science and the Making of Modern Society
- Globalisation: A Modern History.

In the Spring and Summer Terms, two Explorations modules offer more in-depth study of a subject. In each, you work closely in seminars with a member of staff to interrogate sources and approaches. The many options have included:

- Chivalry
- Medicine in Medieval Europe
- The European Witch Craze, 1450–1650
- Race, Expansion and War in the Early United States
- China: An Economic and Environmental History, 1870–1950
- Difficult Pasts and Haunted Presents
- The Revolutionary Tradition in Latin America
- From the Global Shadows: Africa and the World since the 1950s.

Two smaller modules, Using Primary Materials and Dissertation Skills, develop your research skills as you embark upon your 10,000-word dissertation. This you will craft on a topic of your own choice, working one on one with an academic adviser.

Year 3
The third year is dedicated to high-level historical work. The main component, spread over two terms, is the Special Subject, taught through weekly seminars. This sees you working closely with primary materials under a scholar of the field to master the sources and debates of a historical subject. Options might include:

- Jeanne d’Arc (Joan of Arc)
- The Black Death
- Crime in England, 1590–1640
- The French Wars of Religion, 1559–1594
- The Scientific Revolution
- Heroic Reputations: Heroes and their Afterlives
- Empire States: The USA and Overseas Expansion, 1898–1933
- The Russian Revolution, 1917–1921
- Germany from War to Dictatorship, 1914–1933

This is supported in the Autumn Term by Debating Historical Practices, a core module taught via lectures and seminars. Here you confront some of the more advanced conceptual and methodological issues raised in the practice and use of history.

The Spring Term brings a Comparative History module, one of the oldest, most distinctive and stimulating components of the York History degree. This asks you to interrogate a theme across a broad historical sweep, investigating its diverse forms across time and space while engaging with provocative theories about their meaning. Offerings have included: Travel, Family, Media, Colonisation, Disease, Heroes, Beauty, Utopias, Diaspora, Unfree Labour, Magic, War and Society, and Honour and Shame.

During the course of this year, you will continue to meet your adviser one on one to complete your dissertation, including submitting and discussing draft work.

Teaching and learning
Because our modules vary in size and duration, they are weighted differently, from 10 to 40 credits. In each term you earn 40 credits. For single subject students, this typically means two modules; in joint degrees one module from History, one from the other department. One credit equates to roughly ten hours’ work, making an average of 40 hours each week.
We employ seminars, lectures, discussion groups, workshops and tutorials. A number of modules, especially in the first year, are taught through integrated programmes of lectures and discussion groups. Lectures introduce unfamiliar areas, examine controversial issues and raise questions followed up in weekly discussion groups of 10–16 students and a tutor. The majority of our teaching, especially in Years 2 and 3, takes place in two-hour and three-hour seminars, the cornerstone of our degree. Here students work closely (in groups of 12–16) with a member of staff. Seminars provide a forum for the analysis of sources and for debate over the issues raised. Student participation is fundamental, in presentations and discussion.

Small group teaching remains at the core of our degree. It is a commitment we retain because we believe that students learn better when challenged (under the guidance of an experienced scholar) to think through a problem and articulate their own ideas. Small group teaching and tutorials account for half of our first year teaching, rising to over 80 per cent in the third year.

Many students quickly learn to juggle a diverse timetable and competing commitments. Teaching hours vary by week, stage of degree and, especially, student preference. The minimum requirement is to attend 6–8 hours per week in the first year, 5–7 hours in Year 2 and 6–7 in Year 3, along with one-on-one work with dissertation advisers. Those able and willing, however, are encouraged to seize additional learning opportunities, adding languages (two hours per week) or extra modules (2–4 hours per week). Since this is, in fact, the majority of our students, a single subject historian might have up to 12 hours in Year 1 and 11 in Year 2. In addition, many avail themselves of the array of career, IT, library and skills workshops available. Historians are also active in (and indeed often run) the many societies, institutions and clubs on campus.

Historians are independent learners. Good history requires hard work outside of the seminar or lecture room, exploring publications in libraries and online, thinking through problems and pioneering new avenues of investigation.

To support this work, we encourage students to attend the student hours that every tutor, adviser and supervisor holds twice each week. We give detailed written feedback on all procedural work, which you can follow up in student hours. Each year includes one-on-one sessions with tutors and every student has a dissertation adviser who stays closely involved with their project. Each student also has a personal supervisor who meets them every term, lending advice and support through the degree and in career planning. This can include guiding students to the appropriate University support service if issues disrupt their work. Supervisors can also write informed references as students embark on internships and careers.

Study abroad

We are committed to equipping our students with the skills and understanding they need to excel in an increasingly interconnected world through our geographically wide-ranging curriculum, our language training and our study abroad programmes. There are many opportunities to study overseas. Both combined and single subject History degree students can apply to study abroad for all or part of your second year. You can also apply for our four-year BA in History with a year abroad that allows you to study for three years at York with an additional year abroad. Students studying for the BA in History have the option of

“I love American history and York teaches everything I wanted to know, from the Ku Klux Klan to the intricacies of the Civil War. I really enjoy seminars, as any moment can erupt into a debate. It’s great knowing your reading contributes to the success of these conversations. Besides offering insight, staff have always gone out of their way to be helpful and supportive. Writing a group essay on UN efforts during the Congo Crisis in the 1960s was a brilliant opportunity to work collaboratively and get to know my fellow students.”

SCOTT, BA HISTORY, 3RD YEAR
applying to transfer onto the BA History with a year abroad at the end of their first year at York. You can study in English or in a foreign language. We offer student exchanges under the Erasmus scheme, which allows students who are citizens of EU countries to spend part of the year at another European university as part of their degree. Destinations include Paris Sorbonne, Aix-en-Provence, Parma, Madrid, Utrecht and Göttingen.

In addition, we have an exciting programme of international exchanges with prestigious universities in the Americas, Asia and Australia. In recent years our students have studied at the Universities of California and Pennsylvania, as well as universities in Sydney, Hong Kong and Singapore.

Assessment

Assessment is ongoing throughout the degree, typically at or shortly after the end of the module. We employ a range of methods, including assessed essays, the dissertation, examinations and group projects. Exams are open (students write their answers in private study conditions over periods of eight hours to three days) and closed (for one and a half to three hours in an examination room).

Students also do procedural essays (on average, one per module), which are marked and returned with feedback by the tutor. These do not count towards the final assessment, but offer students an opportunity to engage intensively with the subject of the module while continuing to develop their essay writing.

The final degree classification is awarded on the basis of assessment in Years 2 and 3. Year 1 marks do not count towards the final degree classification, although the modules are assessed and must be passed in order to proceed to Year 2.

Admissions

Applications are welcomed from students with a range of educational backgrounds. Entry is competitive and all prospective students are assessed on the basis of individual merit and recognised potential.

The typical new History student at York has attained high standards at school and is both self-motivated and willing to participate in the interactive seminars and discussion groups that form the heart of our teaching. We look for the same kinds of commitment to studying History in mature applicants, evidence of which may lie in candidates’ experience and drive as much as in examination results or diplomas.

We accept many different qualifications, but usually look for a component in History or a historical subject such as Classical Civilisation. For our typical offers please refer to our degrees on the UCAS website.

WHAT NEXT?

History is a degree that equips you for the long term. It cultivates independence and discipline. Historians must take complex information on board and quickly make sense of it, critically read evidence and analyse argument. They are strong communicators, understanding how language and clarity of thought work on the page and in presentations. Seminars, too, cultivate advanced skills in working with others and in listening, responding and asserting a distinctive opinion. These are skills that are valued by employers, but responsiveness to new situations and unexpected opportunities are also traits that make for successful and adaptable careers.

Our graduates therefore go on to build successful careers in law, social work and justice; politics, diplomacy and government; finance, accountancy, banking and fundraising; media, journalism and broadcasting; business, commerce and public relations; administration, management, teaching and academic research. Many progress, too, to further study in Britain and abroad.

All York students have access to workshops in careers, IT and other skills. Structured opportunities for extra-curricular learning such as the York Award and Languages for All are particularly popular with History students. Student societies and initiatives (such as student television, journalism, politics and volunteering) allow you to explore interests, develop talents and gain hands-on expertise. Our recent graduates have followed career paths in areas including:

- Research analyst for an educational standards agency
- Qualitative research trainee for a marketing agency
- Sub-editor for a publishing company
- Archive digitisation assistant for a research institute
- Military desk fast streamer for the Foreign Office
- Teaching
## Programs

<table>
<thead>
<tr>
<th>Program</th>
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<tbody>
<tr>
<td>History of Art</td>
<td>V350 BA/HA</td>
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<tr>
<td>English/History of Art (Equal)</td>
<td>QV33 BA/EngHAEQ</td>
</tr>
<tr>
<td>History/History of Art (Equal)</td>
<td>VV13 BA/HistAEQ</td>
</tr>
</tbody>
</table>

Courses are three-year programmes unless otherwise stated.

## Key facts

- **Admissions Tutor:** Dr James Boaden
- **Telephone:** +44 (0)1904 322978
- **Website:** [www.york.ac.uk/history-of-art](http://www.york.ac.uk/history-of-art)
- **Email:** histart-ug-admissions@york.ac.uk
- **2014 Applications:** 297
- **2014 Admissions:** 51

## Typical offers

**MATURE STUDENTS**
Mature students are welcomed and considered individually.

**A LEVELS**
AAB/ABB

**IB DIPLOMA PROGRAMME**
35/34 points

**SCOTTISH QUALIFICATIONS**
AAAAB/AAABB

**BTEC EXTENDED DIPLOMA (QCF)**
DDD/DDM

**OTHER QUALIFICATIONS**
For details of other acceptable qualifications go to [www.york.ac.uk/history-of-art/prospective-students/undergraduate](http://www.york.ac.uk/history-of-art/prospective-students/undergraduate)

## Essential subjects

- English at A level grade A (or equivalent) for VQ33
- History at A level grade A (or equivalent) for VV13

## English as a foreign language

- IELTS 6.5 with at least 5.5 in all units

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“I have enjoyed every minute of the degree and I am really glad to have chosen York. The Department is friendly, enthusiastic and inspiring”

History of Art graduate
The 2014 Research Excellence Framework placed us in the top five UK History of Art departments, with ‘world-leading’ research.

**Studying History of Art**

History of Art equips you with the ability to analyse images and material objects, skills which are of increasing importance in today’s visual world. Art historians study works of art and architecture in their historical contexts to understand who creates and who views them, how and why they are used, and what they reveal about human culture. History of Art is an international discipline which encourages you to think about art and architecture in local, national and global contexts. Like other subjects in the humanities, History of Art requires you to develop a body of knowledge, formulate complex arguments and communicate ideas effectively.

**History of Art at York**

We have rapidly developed into one of the leading departments of the history of art and architecture in the UK (and indeed worldwide), while still teaching primarily through small groups and maintaining a friendly, informal atmosphere. As a result, you can select from an extremely wide variety of module choices and at the same time receive highly personalised attention. Through supervision, support and intellectual challenge we seek to ensure that all of our students reach their full potential during their time at York. You will be taught by art historians who are writing some of the texts you will be reading and are often curating the exhibitions you will be going to see. In the 2014 Research Excellence Framework assessment, the Department was ranked third for overall research performance against other History of Art departments.

“**What appealed to me most about the course at York was that it offered a broad spectrum of modules – these range from ancient Greek architecture to satirical British prints in the 18th century, to all aspects of contemporary art. I have particularly enjoyed learning about how classical antiquity has influenced art and architecture throughout history, and still does today. The Department staff are friendly, approachable, and very enthusiastic about their areas of expertise. I have enjoyed being able to study a subject I love.”**

RUTH, BA HISTORY OF ART, 2ND YEAR

Victoria and Albert Museum, Tate Britain and the National Gallery, and a special second year Museology module to prepare students for careers in museums and galleries. Talks by distinguished visiting professors and curators form an essential part of our active research environment.

We believe in the importance of studying works of art and architecture in the original, and therefore many of our modules include visits to collections either locally or further away in Britain or on the Continent. The city of York is one of the most beautiful and ancient historic cities in Britain, renowned for its buildings, its sculpture and its unrivalled collections of stained glass. Voted UNESCO City of Media Arts in 2014, York has a thriving contemporary art scene and we are near some of the most exciting new galleries such as The Hepworth Wakefield. There is also a wealth of medieval and 18th-century architecture, while the handsome Victorian railway station is perhaps surpassed only by York’s most famous building: the magnificent Gothic Minster. York museums range from contemporary art installations to medieval sculpture. Beyond the city, the monasteries, churches, castles and great country houses of Yorkshire provide an excellent resource for the study of art and architectural history in its cultural and social context. London is only two hours away by train, and many modules include trips to its galleries and museums. You also study the art and architecture of other regions such as Italy, France, Spain, Germany, the United States, South Asia and the Middle East in the Medieval, Renaissance, Modern and Contemporary periods.

**Our programmes**

At York students can study History of Art either as a single subject degree programme, or in combination with History or English.
What you study

**Single subject programme**
In your first year a range of introductory modules will equip you with fundamental art-historical skills and a grounding in theory and historiography. You will also take a language module, of which several are specifically designed for art historians. In your second year you will choose from a variety of historical and thematic topics in the Medieval, Early Modern and Modern periods as well as more specialised courses that will introduce you to particular problems or periods. In your third year you will explore special subjects in depth. Many modules include field trips either locally or further afield to see works in the original. The final unit of your degree consists of a dissertation of 7,000–8,000 words on a topic of your choice supervised by a staff member.

**Combined degree programmes**
History of Art is also offered as part of a combined equal degree programme in English/History of Art or History/History of Art.

A feature of the History of Art combined honours degrees at York is that they are carefully co-ordinated with the Departments of English and History in order to balance the workload and timetable. You will take modules in both departments, and your final unit consists of a bridge essay on a topic combining History of Art with History/English.

**Study trips**
At each stage of the degree, you will have the opportunity to experience different kinds of study trip.

In your first year, you will visit some of the incredible museums, galleries and historic sites in York and the surrounding area.

In your second year, site visits to museums and galleries are included in the Museology and Curatorship module. Using our excellent connections with museums, galleries and heritage sites, these trips help you to think about issues of display and curation, as well as give you the chance to meet arts professionals. In the final year of your degree we cover the cost of accommodation and transport to take students abroad on many modules – we recently took trips to Basel, Amsterdam, Rome, Florence and Paris.

**Examples of modules**
A selection of History of Art modules currently on offer:

- Architecture and Politics in Stuart England
- Art and Digital Culture
- Art and Money
- Art in the USA, 1945–1975
- Art in Venice from Bellini to Tintoretto
- Art Law
- Art of the Northern Renaissance
- Church, College and Castle, c1250–1450
- Contemporary Art: Practice and Debate
- Critical Approaches to Architecture
- Cultures of Sculpture, 1815–1918
- Cut/Bite/Stamp: The Power of Print in 18th-century Britain
- Eccentric Cities: Art, Politics and Trade in Italy, 1100–1400
- The English Country House, 1550–1900
- Image and Icon: Representing the Sacred in the Early Medieval World
- Impacts of the Late Antique, c350–850
- Interwoven: Fashion and Art History
- Jerusalem in Western Medieval Art and Architecture
- The Modernist Object
- Museums and Curating
- Realism and Surrealism
- Rembrandt
- Stained Glass in the Great Church
- Subjectivity and Sexuality in Art since 1960
- Victorian Art.
Teaching and learning

We believe that learning is most effective when it is active and personalised. Therefore most teaching and learning takes place through seminar groups. During seminars you, your fellow students and your tutor discuss a topic for which you have prepared by extensive preliminary reading and image study. For these intensive sessions you will often be asked to give presentations or help to lead discussion, thus gaining experience in oral communication and teamwork.

You also write procedural essays, for which you receive oral and written feedback from tutors (and sometimes your fellow students) in individual or small group tutorials. In the first year, study is primarily conducted through lectures and workshops. In the second year there is a greater emphasis on seminars, and in the third year all modules are taught in seminar groups of no more than 15 students.

Study abroad

Students in the Department of History of Art can participate in international exchange schemes and Erasmus programmes. We have Erasmus partners in Paris, Florence, Bologna, Cologne and Leiden. Further afield our students have spent a year abroad in Hong Kong, the USA and Japan. In addition, there are subsidised study trips abroad during term time as a compulsory part of some special subject modules.

Assessment

We use different methods of assessment throughout the course of your degree. These include the research dissertation (a long essay of 7,000–8,000 words), the open paper (a take-home examination lasting 48 hours), essays and formal closed examinations. You are also assessed on your seminar performance. Examinations take place throughout the course of your degree.

Admissions

We look for students with intellectual curiosity and enthusiasm as well as academic achievement. For the single subject programme, selection is currently made on the basis of the UCAS form, although candidates may also be invited to interview. You do not need to have an A level or equivalent in History of Art. We do prefer one of your qualifications to be a language or History or English. For the combined degree programmes, selection is made on the basis of the UCAS form and in some cases the submission of written work or interview.

Candidates receiving an offer from the Department will be invited to one of a series of departmental visit days which are held between December and March. This is an important opportunity to get a taste of our teaching style and to meet members of the Department and our present students, as well as seeing the range of facilities and opportunities that the University and the city have to offer.

WHAT NEXT?

The History of Art degrees provide graduates with skills attractive to a wide range of employers. You will be required to think analytically and independently, to research complex topics and to present arguments cogently. The programme provides opportunities to develop presentation and team-working skills. The study of History of Art can be an initial training for candidates seeking a career in the museum world, the art market, tourism, building conservation, journalism, advertising, picture research for television and publishing, as well as teaching, archive and library work. It also provides preparation for any of the careers for which a degree in the humanities is traditionally considered appropriate.

We have excellent links with national and international arts and heritage organisations which are of great benefit to students when researching their career options.

Our recent graduates have begun their careers in various art- and culture-related employment including:

- Assistant curator at a major public gallery
- Registrar at a leading international commercial gallery
- PR marketing assistant for a PR agency
- Archivist for a research centre
- Social media and content manager for a major public gallery
- Director of a leading international contemporary art gallery
# Language and Linguistic Science

<table>
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<th>Programmes</th>
<th>UCAS</th>
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<td><strong>French</strong></td>
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<tr>
<td>Linguistics with French</td>
<td>Q1R1 BA/LingFr</td>
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<td>French and German Language with a year abroad (4 year)</td>
<td>RR12 BA/FrGer</td>
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<tr>
<td>French and Italian Language with a year abroad (4 year)</td>
<td>RR13 BA/FrIt</td>
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<tr>
<td>French and Spanish Language with a year abroad (4 year)</td>
<td>RR14 BA/FrSp</td>
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<tr>
<td>French and Linguistics with a year abroad (4 year)</td>
<td>RR15 BA/FrLing</td>
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<td>History/French (Equal) (4 year)</td>
<td>VR11 BA/HisFrEQ</td>
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<td>French/Philosophy (Equal) (4 year)</td>
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<td><strong>German</strong></td>
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Courses are three-year programmes unless otherwise stated.

**Key facts**

- **Admissions Tutors:** Dr Ann Taylor and Dr Tamar Keren-Portnoy
- **Telephone:** +44 (0)1904 322650
- **Website:** [www.york.ac.uk/language](http://www.york.ac.uk/language)
- **Email:** linguistics-ug-admissions@york.ac.uk
- **2014 Applications:** 761
- **2014 Admissions:** 139

**Typical offers**

- **MATURE STUDENTS**
  Mature students are welcomed and considered individually.
- **A LEVELS**
  AAB/ABB; AAA for VR11
- **IB DIPLOMA PROGRAMME**
  35/34 points (may vary for combined programmes)
- **SCOTTISH QUALIFICATIONS**
  AAAAB at Higher and AB at Advanced Higher level (may vary for combined programmes)
- **BTEC EXTENDED DIPLOMA (QCF)**
  DDD (may vary for combined programmes)
- **OTHER QUALIFICATIONS**
  For details of other acceptable qualifications go to [www.york.ac.uk/admissions](http://www.york.ac.uk/admissions)

**Essential subjects**

For our French programmes, we require a B at A level or equivalent in French.

Essential subjects are also required for the following combined programmes: English Literature for QQ31, History for VR11, Mathematics for QG11.

Excluding General Studies

**English as a foreign language**

IELTS 6.5 with at least 5.5 in all units

You will graduate with skills in oral and written communication, problem solving, qualitative and quantitative analysis and collaborative work, which will serve you well in a broad range of professions.
Studying Language and Linguistics

Linguistics is the science of language. Linguists seek to understand the properties of all natural human languages—how they are structured, how and why they vary and change, how they are acquired, and how they are used by people to communicate.

Facts (a few of many)
- There is no single word in French to translate *shallow*.
- To translate *blue* into Russian one is forced to choose between two words, *goluboj* and *sinij*.
- Although *must* and *have to* share the same meaning, their negative forms *mustn’t* and *don’t have to* do not. And although *don’t have to* is the negative form of *have to*, in Standard English you can’t say *don’t must*.
- Terms like *mama*, *papa*, *dada*, *nana* occur in the ‘baby talk’ of most languages.
- The sound *s* occurs in around 83 per cent of the world’s languages, whereas click sounds (similar to the sound you make when tutting) only occur in a handful of languages from southern Africa.

Questions (a few of many)
- Why are Urdu and Hindi considered to be different languages when speakers of one can understand the other?
- Why is it that Mandarin and Cantonese are considered to be dialects of Chinese when one is hardly comprehensible to speakers of the other?
- What goes on in people’s minds when they make speech errors such as ‘tips of the slongue’ instead of ‘slips of the tongue’?
- Are the dialects of Yorkshire and other parts of Northern England losing their distinctiveness?
- How can linguists help the police with their enquiries?

Language and Linguistics at York

Why study Language and Linguistic Science at York? Our foreign language programmes develop proficiency in the comprehension and production of the target language. Our English language programmes teach the history and structure of the language and its role in society. Through these programmes we develop confident, capable language students with a genuine enthusiasm for the study of their language. For our students, learning languages is enhanced through studying linguistics. The Department of Language and Linguistic Science:
- is a leading centre for teaching and research in empirical and theoretical linguistics
- offers in-depth training in modern foreign languages and cultures, and in communicative skills that are vital for a variety of careers
- was ranked second for the proportion of ‘world-leading’ research activity in the 2014 Research Excellence Framework assessment
- provides a friendly and supportive environment prioritising students’ personal development and welfare, reflected in high satisfaction scores in the NSS.

Here are some of the distinctive aspects of the student experience in our Department.

1. Linguistics and Modern Languages are taught in the same department and the two kinds of programmes complement each other. Our students often find that training in theoretical linguistics helps in their language learning and vice versa.

2. In French, German, Italian and Spanish programmes, we emphasise oral and written fluency and language use in social and cultural contexts. Classes, including content modules, are taught in the target language.

3. In English programmes, our focus is on the structure and history of English, how English is used, and how English varies across time, region and style.

4. There are no compulsory literature courses in our single subject degrees.

5. Our programme structure is modular. This allows students considerable flexibility in shaping coursework to their own individual interests. Assessment is taken at the end of each module, which means that assessed work is spread throughout the degree programme.

6. We offer research-led teaching in linguistics, with an increasing emphasis on ‘hands-on’ work as you progress through the degree. You will be taught by
world leaders in their field, in language acquisition, phonetics/phonology, sociolinguistics, syntax/semantics, typology and historical linguistics.

7. We offer both depth and breadth of module choices, with a very large range of final year modules to choose from. The Department houses a bespoke computer laboratory for our students’ use, giving access to specialist software, language data for corpus analysis and language-learning materials.

Our programmes

We see it as a priority to teach languages and linguistics alongside each other, so we offer both, in one department.

We have five types of degree:

- Linguistics
- English Language and Linguistics
- one language and linguistics (French, German, Italian or Spanish)
- two languages and Linguistics (French, German, Italian or Spanish)
- combined degrees with other subjects: 'language + X' or 'Linguistics + X'.

You can see the full structure and content of all of our degree programmes, in detail, on our website: www.york.ac.uk/language/undergraduate.

How much language vs linguistics will I study?

If you study one language and linguistics you take between one third and one half of your modules each year in English Language, French, German, Italian or Spanish, and the remainder in linguistics. If you study two languages you devote about a third of your time to each language, and the remainder to either linguistics or other language modules. If you study Spanish, Italian or German ‘ab initio’ (without a prior A level or equivalent) you take half of your first year modules in that language.

You will have flexibility in tailoring the mix of language and linguistics modules you take to suit your developing interests. The amount of choice you have varies across programmes: there is less free choice in two-language programmes, or if you study a language ab initio, as you have to take a certain number of compulsory core language modules. All our programmes allow for optional choice modules to be taken in other departments.

Do I need an A level in language?

We offer two types of language study: post-A level and ab initio. All our post-A level language routes require a B or above in the relevant language, or equivalent. Ab initio study is for those with GCSE, AS level, or a demonstrable interest in the language. You can study French, German and/or Spanish post-A level, and German, Italian or Spanish ab initio.

In addition to single-language degree programmes, we offer two-language degrees. On these degrees you can study two languages post-A level, or one post-A level and one ab initio. For our English Language and Linguistics programmes we welcome applicants who have qualifications in languages, but we do not formally require specific qualifications.

Can I study a language in BA Linguistics?

Yes, in BA Linguistics you take two language module options in your first year, in English language, or one of 14 other languages with the Languages for All team (see page 25).

Combined degrees?

We offer a selected range of specially designed combined degrees with other departments, including English and...
Related Literature, Philosophy, History and Mathematics (see list on page 117). If your programme is a ‘language + X’ degree you take compulsory language modules each year, then choose any option modules in either language or linguistics (or in your other subject). If your programme is a ‘Linguistics + X’ degree, you take compulsory modules in linguistics in the first and second year, then choose any option modules in linguistics or in your other subject. See our website for full details.

What you study
Linguistics modules
We do not assume that you know any linguistics when you come to us, so our first year foundation modules provide a broadly-based introduction to the subject, covering language and its role in society, the study of speech production and the structure and meaning of linguistic expressions. There are four first year core modules, in Phonetics and Phonology, Syntax, Sociolinguistics and Semantics. If you are studying just linguistics, or one language and linguistics, then all four are compulsory, whereas students studying two languages or on combined programmes take a subset of these modules.

Beyond the first year, the amount of choice you have over which modules you study varies, depending on your programme. If you are studying one language (English, French, German, Italian or Spanish) with linguistics in a single subject degree then most of your second and third year modules can be chosen from a list of options. If you are studying two languages throughout your degree or if you are on a combined programme then you choose from a more restricted subset of modules to satisfy your degree requirements. Some examples of second and third year linguistics modules offered in recent years are:

- Articulatory and Impressionistic Phonetics
- Bilingualism
- Information Structure
- Formal Semantics
- Introduction to Language Acquisition
- Psycholinguistics
- Language and Identity
- Phonetics of Talk in Interaction
- Phonological Development
- Second Language Syntax
- Neurolinguistics.

French, German, Italian and Spanish modules
On language programmes one third of each year is devoted to modules in each of your languages (one half in the first year for ab initio language). You then make further choices from a range of options including additional modules in your degree language(s).

Modules in French, German, Italian and Spanish are designed to give you maximum proficiency in the skills of reading, writing, speaking and understanding the language. All core language classes are taught in the target language, through seminars and practicals. You will study culture, society and current affairs, as well as grammar and use of language. Activities consist of conversation, reading, presentation of talks on prepared topics, essay writing, textual analysis, translation into English, and exercises on points of grammar, style and pronunciation. Additional modules will enable you to explore in detail aspects of the linguistic system of French, German, Italian or Spanish or the social and political impact of the languages. Examples of modules currently offered include:

- French/German/Italian/Spanish Language and Society
- European Cinema Post-1945

“... because the course looked fascinating and had an impressive choice of modules. I’m intrigued by the Spanish- and French-speaking worlds. My year abroad was incredibly enriching. I got first-hand experience of these cultures by teaching in Argentina and France. Not only did my languages improve, I also got to meet people and see things I never would have otherwise! It has been awesome being taught by staff who have a real passion for their specialisms. Their enthusiasm makes learning much more fun.”

ROB, BA FRENCH AND SPANISH LANGUAGE, 4TH YEAR
Translation Methodology and Practice
The Berlin Republic
French Language and Identity
Cultures in Contact in the Spanish speaking world
Phonetics of a Foreign Language.

**English modules**
Our English modules focus on the structure and history of the English language. (Our English degree programmes are not designed to teach you to speak or write English.) The first year modules in English introduce you to the grammar and history of the language from the earliest times. You will investigate both modern and historical data to learn about developments in phonology, morphology, vocabulary and syntax. In later years a wide range of modules is available, including: modules applying linguistic analysis to modern English; history modules offering a deeper look into linguistic features and developments over time; and modules focusing on the relation of language to social and cultural issues in English-speaking societies. Examples of modules offered include:
- History of English
- Prosody of English
- Pragmatics
- Teaching English as a Foreign Language
- English Corpus Linguistics
- Forensic Phonetics
- World Englishes
- Language and Discrimination
- Old English.

**Teaching and learning**
Teaching methods vary according to the type and level of the module. First year linguistics modules are taught in lectures of about 130 students, together with smaller group sessions of 15–20 students each. French, German, Italian and Spanish modules involve small group classes for language work based around student presentations with immediate feedback. Higher-level taught linguistics modules may involve seminars, work in the phonetics laboratory and student-led presentations. There are also opportunities to undertake independent research, where individual guidance is provided by a tutor.

You can usually expect an average of three contact hours per module per week. In French, German, Italian and Spanish weekly totals vary but typically range from three to five contact hours a week.

**Study abroad**
On our four-year foreign language programmes, students spend the third year at a university in a French-, German-, Italian- and/or Spanish-speaking country, as an English language assistant in a school abroad or on a commercial work placement.

Students of German currently go to universities in Braunschweig, Erfurt or Regensburg; students of French go to universities in Aix-en-Provence, Lille, Nantes, Paris, Toulouse, Tours or Geneva; and students of Spanish go to universities in Madrid, Seville or Santiago de Compostela. Italian partner universities will be announced shortly. At the university where you are placed, you register for a full programme of modules, normally on language, history and culture, and linguistics. You will have access to a local tutor who provides advice and assistance and who sends reports on your progress to York.

Alternatively you can apply to work as a language assistant in a college or school abroad and may opt for placement in a wide range of French-, German-, Italian- and Spanish-speaking countries available through the British Council English Language Assistant Scheme. Through this scheme, you experience life in a foreign culture and develop proficiency in your language of focus, while at the same time earning a salary and gaining employment experience.

On two-language programmes you spend one semester in a society where one of your target languages is spoken natively, and the second semester in a society home to your second target language. You can combine a work placement in one semester
with a university placement in the other. If you choose to drop one of your two languages after your second year, you spend the whole of your year away in one country.

We also participate in a study abroad exchange programme through which students on any degree may spend a year abroad in one of a number of partner universities in North America, South Africa, Australia and Asia. Check the current list of partner universities here: www.york.ac.uk/studyabroad.

Assessment
A variety of assessment methods is used. Introductory modules are assessed by a mix of coursework and written examinations. Higher-level modules typically involve submission of exercises, essays, practical projects or dissertations. French, German, Italian and Spanish degrees also include oral exams.

Admissions
We are looking for students who are strongly motivated towards our programmes. You should be keen to study language and have an aptitude for its study. You must be interested in language as a natural and social phenomenon and in the linguistic approach to the study of modern languages.

We are happy to consider applications with any pattern of school subjects. A background of study in Modern Languages, English or Classics is obviously suitable, but we are also enthusiastic about historians, mathematicians, and natural or social scientists. A working knowledge of a language other than English is a distinct advantage.

Because our French, German, Italian and Spanish programmes are designed to promote fluency in the languages, we do not normally allow native or near-native speakers of French, German, Italian or Spanish to study their own language.

In the initial selection process a good deal of weight is given to the report of the confidential referee and to the applicant’s own personal statement. An interview in York may follow, although it is more likely that a decision will be made without interview. Applicants to whom places are offered are invited to visit the Department on visit days held in the winter or spring.

We normally expect applicants to have at least three good passes at A level. We welcome comparable qualifications, and consider each application on its merits, especially in the case of mature and overseas applicants. If English is to be your language specialism then A level or equivalent qualifications in English Language are desirable but not essential.

WHAT NEXT?
Our graduates have an excellent record of pursuing fulfilling career paths after graduation, whether this is employment (for example, in advertising, retail management, teaching English as a foreign language, IT, accountancy or broadcasting) or further study (for example, teacher training, speech and language therapy, forensic speech science or research degrees). The majority of our graduates obtain graduate-level employment or a place on a postgraduate course within six months of completing their degree.

Our graduates are in demand in a wide range of fields in the UK, Europe and further afield. This is because, in addition to their knowledge of languages, they have the confidence and skills that come from successfully completing a demanding degree programme and participating fully in university life. Through the study of language and linguistics, our Department teaches a broad set of skills – expository writing, critical thinking, quantitative analysis – that are in demand in many different areas of contemporary employment.

Our recent graduates have followed career paths in areas including:
- Communications project campaigner for a charity
- Account executive for a communications agency
- Translation project manager for a translation company
- Business co-ordinator at a recruitment agency
- Communications officer for a housing association
- Auditor for an audit, tax and advisory company
### Programmes

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<tr>
<td>Law (Senior Status) (2 year)</td>
<td>M101 LLB/Law (Senior Status)</td>
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Courses are three-year programmes unless otherwise stated.

### Key facts

- **Admissions Tutor:** Dr Laurence Etherington
- **Telephone:** +44 (0)1904 325804
- **Website:** www.york.ac.uk/law
- **Email:** law-ug-admissions@york.ac.uk
- **2014 Applications:** 1,055
- **2014 Admissions:** 140

### Typical offers

**M100 LLB/LAW**

- **Mature Students:** Mature students are welcomed and considered individually

- **A LEVELS:** AAA

- **IB DIPLOMA PROGRAMME:** 36 points

- **SCOTTISH QUALIFICATIONS:** AAAAA at Higher and AA at Advanced Higher level

- **BTEC EXTENDED DIPLOMA (QCF):** DDD

- **OTHER QUALIFICATIONS:** For details of other acceptable qualifications go to www.york.ac.uk/admissions

**M101 LLB/LAW (SENIOR STATUS)**

- 2:1 degree or international equivalent

### English as a foreign language

IELTS 6.5 with at least 6.0 in all units

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Active researchers and current practitioners have created a programme to reflect the best of modern legal educational methods along with academic rigour and depth.
Studying Law

Law permeates most aspects of our daily life. The academic study of Law therefore focuses not just on actual legal rules, but also on the complex network of relationships and transactions they regulate. In the course of a Law degree, students learn to bring skills of analysis, reasoning and judgement to bear on topical questions with ethical, political and social dimensions, as well as on the legal aspects of ordinary, everyday interaction. This makes studying Law demanding and intellectually challenging but, at the same time, a lot of fun. As a result, a Law degree is widely seen as giving graduates a strong grounding in the logical, intellectual and social skills that higher-level jobs demand.

Law at York

York Law School is a radical new law school which delivers an innovative programme designed to provide you with the intellectual challenge of an academic discipline while simultaneously preparing you for practice. It is based on the principle that a student of Law must see and understand law in its historical, social and theoretical contexts, while also developing the skills and techniques they need to work with the law in a practical context.

In the 2014 Research Excellence Framework assessment, the Department was ranked fifth overall in the UK and equal fourth for the impact of its research. Our School consists of active researchers, a number of whom have a background in practice, assisted by practitioners from local and national law firms, placing it in an ideal position to deliver a programme which reflects the best of modern legal educational methods, along with an academic rigour and depth.

Our programmes

At York Law School we offer two- and three-year programmes leading to the award of the degree of LLB (Hons). Our two-year Senior Status degree is an accelerated version of the three-year programme, open to those who have completed a first undergraduate degree. The programmes consist of three streams:

- the Foundation Stream, comprising the core subjects required for a Qualifying Law Degree
- the Clinical Stream, comprising modules which concentrate on the accumulation of more specialised legal knowledge, the application of law and legal skills in real-world contexts and the development of generic business awareness and skills
- the Law and Society Stream, comprising an interdisciplinary programme of law-related subjects placing the law in its social and theoretical context.

What you study

The Foundation Stream contains subjects that are a compulsory part of the academic stage of training for the legal profession. They are spread over all years, and include subjects such as Criminal Law, Property Law, the Law of Obligations, European Union Law and Public Law.

You will also take discrete modules dedicated to introducing you to the social and theoretical aspects of law, and to developing legal skills, including critical reasoning, research techniques, negotiation and advocacy. From Year 2 you will also be able to choose from a broad range of options on the Clinical Stream and the Law and Society Stream.

The options on the Clinical Stream concentrate on the accumulation of skills and knowledge which link to the vocational stage of professional education, and beyond. Students studying modules in this stream will be introduced to advanced legal skills such as case management. Clinical Stream options include the Law Clinic, so real-world advice is integrated into the curriculum, applying legal skills to genuine cases.

The options on the Law and Society Stream are interdisciplinary in structure, delivery and student groups. They combine an overview of the rules and principles of specific areas of law with a variety of perspectives on the ideological, philosophical and political aspects of the way these laws operate in society. In taking options from this stream you will develop a deeper, critical understanding of the complexity of the issues underlying law and of its role and impact on society, focusing on areas of law that are of interest to you.

You will also be required to undertake a dissertation in a subject of your choice in Year 3, or may select this as a double option in Year 2 on the Senior Status programme.
York Law School works closely with leading local, national and international law firms and sets of chambers in planning, designing and delivering its curriculum. Leading organisations have committed to working with York Law School in selecting students, teaching across the curriculum, and offering work experience opportunities. The result is that theory and practice are closely woven into all three years of the programme.

Teaching and learning

A large part of the programme, including all Foundation Stream modules, will be delivered through problem-based learning. In small groups, together with a staff tutor, you will take on the role of a member of a ‘law firm’. Each firm will be presented with different problems brought to them – often by ‘clients’ in a simulated practice setting. You will then begin by identifying the legal principles involved in the problem, the known facts and the facts that need to be ascertained, and, through the process of doing so, unravel the issues that lie at the heart of the problem.

These issues will then be explored through large group sessions that provide an overview of the topic, additional firm meetings and self-directed study. The firm reconvenes with their tutor to share their findings and discuss the results of the research. In some cases, the problem will then require the practical application of those skills in specific tasks, such as drafting and negotiating a contract with another firm. The problem cycle will conclude with a wrap-up session, where you will be directed towards considering and reflecting on deeper social and theoretical issues raised by the problem, such as the issues of justice, fairness and human rights that arise in everyday life.

As the programme progresses, the problems will involve increasingly advanced tasks, sometimes crossing subject and discipline boundaries, and more closely resembling complex real-life situations, particularly in the Clinical Stream options. Separate skills modules, which begin in the first term and continue through the second year, focus on building and reinforcing the practical and other skills relevant to the problems.

The options on the Law and Society Stream may be delivered through more traditional large group lecture and small group seminar sessions. These sessions aim to stimulate questions rather than provide answers, conveying a sense of the social and cultural context of law and its integration with other disciplines, particularly in the social sciences and humanities. Much of the teaching on these options is done in collaboration with other departments within the University.

The methods of teaching and learning used in this programme require a great deal of work and interaction. The result is a programme that is demanding, but which can also be a lot of fun, and which facilitates a much deeper understanding and appreciation of the law.

Study abroad

The Law School has opportunities for studying abroad as part of the degree. These opportunities are focused on Singapore and Hong Kong. There are also opportunities to participate in international law clinic projects. Awareness of the global legal environment is important in the Clinical Stream and Law and Society Stream; optional modules cover topics such as elements of international commercial law and international human rights.

“The problem-based learning approach of Law at York is fantastic, allowing you to develop a greater understanding of the legal issues of any given topic. Small teams of students called Student Law Firms work together on legal problems and seminar work, creating a strong community feel. In our practical skills modules these firms represent clients in mock legal processes including negotiations, advocacy and interviews, replicating the experience of working in a real legal firm. The quality of the teaching staff is amazing and the friendly environment means no-one is afraid to ask for help.”

BEN, LLB LAW, 2ND YEAR
Assessment

The assessment methods that we use at York Law School have been designed to suit the programme’s unique structure, and to make assessment exercises part of the learning experience. The Foundation Stream modules make use of formal unseen examinations, to meet the requirements of the Qualifying Law Degree. Exams are, however, structured in a manner that reflects the problem-based nature of the programme.

Many modules, including the Foundation Stream modules and modules on the Clinical Stream, are also assessed through coursework and reflective reports tied to different learning activities throughout the year.

Modules offered as part of the Law and Society Stream are assessed in different ways, involving examination and/or coursework.

Admissions

Our selection procedure is structured to identify students able to engage critically with the distinctive blend of different teaching and learning styles at York Law School. Selection is a two-stage process, involving scrutiny of all UCAS forms, followed by an invitation to interview for selected applicants. A detailed guide to the interview process is available on the YLS website.

Decisions are made based on the following generic criteria:

- enthusiasm and suitability for problem-based learning
- an ability to work effectively and collaboratively in groups
- academic ability, judged by prior or predicted academic performance
- evidence of motivation and reasons for wanting to study Law
- an understanding of contemporary issues relating to law and the legal profession
- written and oral communication skills
- evidence of conscientiousness, self-motivation and responsibility, and an appropriate level of maturity
- an aptitude for rigorous, independent thought.

York Law School is committed to widening access, and the selection process takes account of educational, social, health and other personal disadvantages.

Each application is considered individually and on its merits.

WHAT NEXT?

The Law programmes at York are accredited as Qualifying Law Degrees, enabling graduates to begin the vocational training to qualify as a barrister or a solicitor.

In addition, the skills you acquire in the course of a Law degree make it one of the most highly regarded undergraduate qualifications, opening up a wide range of career options.

We have developed a pioneering Careers and Development Programme, which is delivered in collaboration with leading local, national and international firms and the main vocational providers. The programme consists of a series of activities closely linked to the topics you will be studying. They include talks by practitioners and others giving insights into the working lives of legal professionals, workshops for building professional skills and personal development, and ‘link days’ designed to give you real-world legal experience in a practice environment, such as a law office or an advice clinic.

York Law School is a thriving research environment and so naturally we offer a number of postgraduate opportunities should you wish to take your studies further: the LLM programme in International Corporate and Commercial Law, the LLM programme in International Human Rights Law and Practice, and a PhD programme. During your LLB there may be opportunities to work with academic colleagues through the research internship programme.

We believe that the combination of these activities with a problem-based academic programme will put you in an excellent position to make well-informed decisions about your career, and to set and achieve goals for and in your future working life.

Our recent graduates have followed career paths in areas including:

- Solicitor
- Adviser for a government agency
- Claims management specialist for a financial protection company
- Claims adviser for a firm of solicitors
- Management trainee for the NHS
- Paralegal in a law firm

We welcome applications from mature students, who in our view bring a breadth of skills and experience to a problem-based learning environment.
### Programmes

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<td>N200 BA/M</td>
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<tr>
<td>BSc Business and Management</td>
<td>N202 BSc/Man</td>
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<td>BA Business and Management with a year in industry (4 year)</td>
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<tbody>
<tr>
<td>BSc Accounting, Business Finance and Management</td>
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<td>BSc Accounting, Business Finance and Management with a year in industry (4 year)</td>
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<tr>
<th>Marketing</th>
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<tr>
<td>BSc Marketing</td>
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<td>BSc Marketing with a year in industry (4 year)</td>
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<th>Actuarial Science</th>
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Courses are three-year programmes unless otherwise stated.

### Key facts

**Admissions Tutors:** Dr Simon Mollan and Jocelyn Hayes  
**Telephone:** +44 (0) 1904 325032  
**Website:** www.york.ac.uk/management  
**Email:** management-undergrad@york.ac.uk  
**2014 Applications:** 1,380  
**2014 Admissions:** 198

### Typical offers

**MATURE STUDENTS**
Mature students are welcomed and considered individually

**A LEVELS**
AAB

**IB DIPLOMA PROGRAMME**
35 points

**SCOTTISH QUALIFICATIONS**
AAAAB at Higher and AB at Advanced Higher level

**BTEC EXTENDED DIPLOMA (QCF)**
DDD

**OTHER QUALIFICATIONS**
For details of other acceptable qualifications go to www.york.ac.uk/admissions

### Essential subjects

- GCSE Mathematics grade B for BSc routes
- GCSE Mathematics grade C for BA routes
- Mathematics for NG31 and NG32

### English as a foreign language

IELTS 6.5 with at least 6.0 in all units

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“My degree in Management has provided me with an extremely strong skill set to enter the world of work and compete with the top graduates at the top institutions”  
Management graduate
You will be taught by academics who are passionate about their subject and this creates a dynamic and exciting learning environment.

Studying Management
In a dynamic and interconnected global economy, the role of management has never been more important. Good management is vital whether the organisation is a start-up business trying to bring a new product to market, an established company seeking to manage its people better, or a not-for-profit firm wanting to ensure that it operates in a socially responsible manner. Organisations also have to develop the capacity to cope with the demands of a rapidly changing world where there is increased risk and uncertainty, and where management decisions are highly complex. This is particularly critical in a globalised business environment and hence managers need to possess a high degree of cultural awareness with the capability to think internationally.

Management at York
The York Management School provides a focal point for the delivery of undergraduate and postgraduate degrees that are of the highest calibre. Though the School has grown significantly in recent years, the number of students is relatively small in comparison to many other business or management schools, which creates a distinctive atmosphere. The School seeks to provide a first-class teaching and learning experience for all its students, which is achieved in a number of ways.

The staff employed by the School have an in-depth expertise in their respective subject areas and are highly respected within the academic community. You will be taught by academics who are passionate about the subject and this creates a dynamic and exciting learning environment. There is a thriving research culture within the School and staff publish leading-edge research within world-class journals in areas as diverse as human resource management, business history, public sector management, information systems, organisational theory, risk, and gender issues. In the 2014 Research Excellence Framework assessment, a significant majority of the Department’s research activity was designated ‘world-leading’ or ‘internationally excellent’.

Students in the School become members of a community of scholars and have the opportunity to discuss issues related to management and accounting with tutors who are at the forefront of knowledge in their discipline. We have links with the business community whose leaders deliver invited lectures and seminars on a regular basis.

Whether you go into employment after graduation or decide to embark on further postgraduate study you will be fully equipped for the challenges that lie ahead.

Our programmes
Management embraces diverse areas including organisational behaviour, strategy, culture and internationalisation of businesses. Business finance and accounting are areas that require technically demanding specialist knowledge. Accounting uses financial information to aid companies in their strategic decision-making and business finance is primarily concerned with all aspects of increasingly complex financial markets. Our Marketing degree programme has been designed to equip you with the relevant skills, expertise and understanding of marketing techniques and strategies for a successful career in marketing.

Acquiring up-to-date knowledge and understanding of key marketing areas such as brand management, digital marketing, research analytics, ethical marketing, or

“I was attracted by the year in industry, which I spent working in Canary Wharf. I had a great time, and the experience definitely helped me secure a job at Morgan Stanley, a top investment bank. The Management School has strong relationships with employers, making applications to competitive graduate schemes easier. Departmental staff draw on their own experience of working with leading firms to teach industry-relevant material, preparing you to succeed in the world of work. I particularly enjoyed the Business Planning project, which enhanced my teamwork and leadership abilities.”

ANGUS, BSc ACCOUNTING, BUSINESS FINANCE AND MANAGEMENT WITH A YEAR IN INDUSTRY, 4TH YEAR
cross-cultural aspects of marketing is becoming increasingly important in the business environment.

The BSc Actuarial Science programme has been set up to run jointly with the Department of Mathematics. Developing problem-solving skills in the areas of insurance, banking and government, among other sectors, offers excellent employment prospects. As a student you can gain strong skills and credentials for a successful career, not only in the insurance industry, but also in other industries where risk management is crucial, such as accountancy and banking.

A common first year applies to each degree programme and provides a thorough introduction. Second and third years of the programmes build on the knowledge acquired in the first year. As a result, our degree programmes produce graduates who are able to show depth and breadth in their knowledge.

What you study

In your first year the degree programmes in BA and BSc Business and Management and BSc Accounting all share a strong foundation for critical analysis and numerical underpinning by developing your understanding of the business context, finance and accounting, organisational behaviour and qualitative and quantitative methods.

BA Business and Management

This programme will provide you with a range of knowledge and skills that will give you a firm underpinning in the key disciplines of business management.

In Year 2, you study six modules in more specialised areas such as Business Planning and learn more about Human Resource Management, Marketing and Information Systems.

In your final year you have the opportunity to specialise further in those areas that interest you most. Modules are organised into pathways and students normally choose two pathways. Pathway choices include Human Resource Management, Organisational Behaviour, Operations Management, Management and Strategy, and a dissertation pathway.

BSc Business and Management

This programme is designed to develop your analytical problem-solving and decision-making skills to enable you to work as a professional manager in business. Our modules will also enable you to put classroom knowledge into practice.

All Year 2 modules are core modules in Knowledge Information Systems and key areas in Business Planning and Strategic Management.

In your final year, you study core modules including Business Consultancy Projects, Decision and Information Analysis, Supply Chain Management; you also select one pathway from Human Resource Management, Organisational Behaviour, Management and Strategy, and a dissertation pathway.

The BSc Business and Management programme is accredited by the Institute of Operations Management.

BSc Accounting, Business Finance and Management

This is a broad-based degree combining the three important areas of accounting, finance and management. This programme provides accounting and business finance knowledge while exploring the problems and difficulties encountered in applying this knowledge in practice. A distinguishing feature of our programme is that it also examines key management topics which helps understand organisational decisions which draw upon accounting and finance expertise. You will be expected to think critically and creatively and encouraged to develop your own ideas.

In Year 2 you will develop specialist technical knowledge in Advanced Quantitative Methods, Business Planning, Corporate Finance, Financial Reporting, Governance and Audit, Intermediate Management Accounting and Strategic Management.
In your final year you build on your knowledge with modules on Advanced Financial Reporting, Capital Markets, Critical Perspectives on Accounting, Finance and Management Accounting Control Systems, and two optional modules.

The BSc Accounting, Business Finance and Management is accredited by the Institute of Chartered Accountants in England and Wales (ICAEW), the Chartered Institute of Management Accountants (CIMA) and by the Chartered Institute of Public Finance and Accountancy (CIPFA). Graduates can claim exemption from a number of the ICAEW and CIPFA professional stage and CIMA examinations.

BSc Marketing
This specialist degree offers a wide range of modules. The programme includes some special sector-specific option modules based on the creative and heritage industries. Module assessments are innovative in approach, with students carrying out real-life, in-company consulting reports. We have also partnered with L’Oréal to embed their Brandstorm competition into one of our second year modules.

Your first year common study path includes Essentials of Marketing and Communications, Understanding the Context of Business, and Management and the Business Environment.

In Year 2 you further develop your knowledge with modules on Consumer Behaviour Marketing, Entrepreneurship and Innovation, and Research and Analytics in Marketing, Business Planning and Ethical Marketing, with an option choice from Heritage Marketing and Management, Management of Human Resources, Project and Operations Management, Knowledge Information Systems, or Strategic Management.

In your final year you follow Cross-cultural Marketing and Negotiation Pricing, Value Chain and Logistics, and International Marketing Strategy; with three option choices from; E-Marketing, Branding Strategies, Relationship Marketing, Marketing in the Creative Industries, and Business Consultancy Projects.

The programme carries the Chartered Institute of Marketing Professional Certificate Accreditation.

BSc Actuarial Science
You will take specially designed modules in actuarial topics, together with mathematics and statistics.

In your first year you study core modules in mathematics and management, including Mathematics for the Sciences 1 and 2, and Introduction to Probability and Statistics (in the Department of Mathematics); Business Economics, Finance and Financial Analysis, Financial Accounting, and Management Accounting (in York Management School).

In Year 2 you deepen your knowledge of probability theory statistics and finance, and follow specialist actuarial modules such as Introduction to Actuarial Science and Actuarial Modelling. Furthermore, you choose one or two modules from Financial Reporting, Intermediate Management Accounting, Strategic Management and Governance and Audit.

In your final year you further extend your knowledge of finance, probability theory (Stochastic calculus, Stochastic processes), statistics (Time series and Generalised linear models), and actuarial science (Contingencies). You also learn about Decision Theory and Bayesian Analysis. Finally, you choose one module from Corporate Governance and Social Accountability, Strategic Management of Risk, and Company Law.

Teaching and learning
The School offers a varied and stimulating learning environment and our programmes incorporate a range of different teaching and learning styles. As well as the whole group lecture format, our programmes involve tutorials, student-led seminars, group work and individual project work. You will also draw upon innovative learning resources, including the virtual learning environment and electronic library and study materials during your programme of study. You will be assigned an academic member of staff to act as your personal supervisor throughout your degree, who will take a special interest in both your academic study and your general well-being.

Year in industry
All of our undergraduate degrees have an optional placement year in industry, which helps our students to become highly employable graduates with an understanding of the relevance of academic learning within an organisational context. A placement can help you gain many important work skills such as time management, team working, IT and communicating with colleagues. Students

“I picked Management because I want to pursue a career in marketing. I’ve been impressed by the number of opportunities to meet employers at York. The variety of modules during the first year appealed to me, as I developed a broad knowledge base and skillset, while more specialist second and third year modules are good preparation for the world of work. The staff, with their enthusiasm, passion and support, have made my experience at York amazing.”

SILVIA, BA BUSINESS AND MANAGEMENT, 2ND YEAR
who do not undertake a placement are encouraged to seek internships instead. You will be supported in finding a placement or internship by the Placement Office and the School’s Employability Officer who provides guidance on writing applications and CVs, and how to handle interviews and assessment centres.

**Study abroad**

International employers are increasingly seeking graduates who have global awareness and experience of working internationally. Opportunities for study abroad are available to students enrolled on three-year programmes, at the end of the first year. The York Management School has developed strong academic links with selected universities in many countries from France and Italy to Hong Kong and Taiwan.

University of York partner institutions include the University of Denver, the University of Illinois, the University of Pennsylvania, Rutgers University, the University of British Columbia at Okanagan, York University in Canada, the National Chengchi University in Taiwan, the National University of Singapore, the Chinese University of Hong Kong, the University of Hong Kong and the University of Sydney.

The University of York also offers short courses and summer schools and programmes.

For full details of current opportunities, please see [www.york.ac.uk/study/studyabroad/outgoing](http://www.york.ac.uk/study/studyabroad/outgoing).

**Assessment**

Module assessment can be based on an individual written assignment, a group project, an oral presentation, participation in class and examinations, or may combine these approaches. Assessment enables us to measure what you know, your interpretation and views about study materials, and your ability to apply particular skills.

**Admissions**

Admission is based entirely on merit and on the ability to achieve. We aim to select those students most academically able to flourish in a challenging but rewarding domain of study. We also welcome applications from mature students and those seeking to access our programmes via non-traditional pathways.

**WHAT NEXT?**

Graduates from The York Management School have progressed to a wide variety of occupations after leaving the University. Our degrees are designed to equip you with a broad range of knowledge in the management field as well as skills desired by employers. These include the ability to communicate effectively, work in a team as well as independently, manage projects and solve complex problems. This will enable you to enter careers in the financial services sector, the accounting profession and all aspects of business and management, in a wide range of organisations. Our graduates are highly sought after as indicated below. Our programmes also equip you to progress to further postgraduate courses of study, including our research degrees and specialist Masters programmes. Our recent graduates have followed career paths in areas including:

- Investigator for a local government and politics organisation
- Employment relations officer for a multinational car company
- Accountant
- Junior buyer for a food producer
- Forensics accountant
- Audit associate for a professional services firm
# Mathematics

## Programmes

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<tr>
<th>Programme</th>
<th>UCAS Code</th>
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<tbody>
<tr>
<td>Mathematics</td>
<td>G100 Mix/M</td>
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<tr>
<td>Mathematics with a year in Europe (4 year)</td>
<td>G101 Mix/MEu</td>
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<tr>
<td>Mathematics (4 year)</td>
<td>G102 MMath/M</td>
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<td>Actuarial Science</td>
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<tr>
<td>Actuarial Science</td>
<td>NG BSc/Act</td>
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<tr>
<td>Actuarial Science with a year in industry (4 year)</td>
<td>NG BSc/Act</td>
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<tr>
<td>Mathematics/Physics</td>
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<tr>
<td>Mathematics/Physics (Equal)</td>
<td>GF13 Mix/MPhyEQ</td>
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<tr>
<td>Mathematics/Physics (Equal) with a year in Europe (4 year)</td>
<td>GFD3 Mix/MPhyQE</td>
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<tr>
<td>Mathematics/Physics (Equal) (4 year)</td>
<td>GFC3 MMath/MPEQ</td>
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<tr>
<td>Mathematics/Computer Science</td>
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<tr>
<td>Computer Science/Mathematics (Equal)</td>
<td>GG41 BSc/CSM</td>
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<tr>
<td>Computer Science/Mathematics (Equal) with a year in industry (4 year)</td>
<td>GGK1 BSc/CSMa4</td>
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<tr>
<td>Mathematics/Computer Science (Equal) (4 year)</td>
<td>GG14 MMath/MCS4</td>
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<tr>
<td>Mathematics/Computer Science (Equal) with a year in industry (5 year)</td>
<td>GG1K MMath/MCS5</td>
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<td>Economics/Mathematics</td>
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<tr>
<td>Economics/Mathematics (Equal)</td>
<td>LG11 Mix/EcMaEQ</td>
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<td>Mathematics/Philosophy</td>
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<td>Mathematics/Philosophy (Equal)</td>
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<td>Mathematics/Statistics</td>
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<tr>
<td>Mathematics/Statistics (Equal)</td>
<td>GG13 Mix/MStaEQ</td>
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<td>Mathematics/Finance</td>
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<tr>
<td>Mathematics/Finance (Equal)</td>
<td>GL11 BSc/MFinEQ</td>
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<tr>
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<tr>
<td>Linguistics/Mathematics (Equal)</td>
<td>QG11 BA/LingM</td>
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<td>Natural Sciences – see page 147</td>
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Courses are three-year programmes unless otherwise stated.

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## Key facts

**Admissions Tutors:** Dr Christopher Hughes and Dr Stephen Connor  
**Telephone:** +44 (0)1904 322708  
**Website:** http://maths.york.ac.uk  
**Email:** maths-undergraduate-admissions@york.ac.uk

**2014 Applications:** 974  
**2014 Admissions:** 188

## Typical offers

**MATURE STUDENTS**
Mature students are welcomed and considered individually

**A LEVELS**
A*AA/AAB

**IB DIPLOMA PROGRAMME**
37/35 points including HL 6 in essential subjects

**SCOTTISH QUALIFICATIONS**
AAAA/AAAAB at Higher and AA/AB at Advanced Higher level (may vary for combined programmes)

**BTEC EXTENDED DIPLOMA (QCF)**
DDD (may vary for combined programmes)

**OTHER QUALIFICATIONS**
For details of other acceptable qualifications go to www.york.ac.uk/admissions

## Essential subjects

Mathematics at grade A*/A in A level or equivalent.

Further Mathematics at grade A in AS level for single subject programmes.

Essential subjects are also required for the following combined programmes: Physics for GFC3, GF13 and GFD3

**English as a foreign language**
IELTS 6.5 with at least 6.0 in each unit

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We place particular emphasis on small group tuition and an informal atmosphere. Our aim is to create a supportive culture in which students share in the intellectual excitement of Mathematics.
Studying Mathematics

Mathematics underpins almost all of modern science and technology, and its applications in society range from economics and statistics to finance and IT. At school the emphasis tends to be on manipulation – moving symbols around the page – but university maths is primarily about the construction of elaborate, beautiful bodies of certain knowledge, about patterns, numbers, geometry and many other abstract concepts, and how to apply these concepts in practical problem solving.

The high demand for mathematicians reflects the special transferable skills developed during three or more years studying Mathematics at university – namely, clear and logical thinking, analytical and problem-solving ability, and the skills involved in communicating complex ideas and information.

Whether you wish to build the foundation for a rewarding career using some of its applications, or simply enjoy the elegance of a mathematical argument and the challenge of problem solving, a degree in Mathematics could be for you.

Mathematics at York

At York we place particular emphasis on small group teaching and a friendly atmosphere, both of which were especially praised by the Quality Assurance Agency, who rated the Department of Mathematics as ‘excellent’. Our comprehensive tutorial system gives extensive support to first year students.

About 45 mathematicians are engaged in teaching, and are also active in developing the subject through leading international and interdisciplinary research. In the 2014 Research Excellence Framework assessment, 80 per cent of the Department’s research activity was designated ‘world-leading’ or ‘internationally excellent’. Our research includes all areas of mathematics – pure, applied and statistics (including mathematical physics, fluid dynamics, mathematical biology and mathematical finance). Thus we are able to offer a wide range of final year options and projects which encourage individual creativity and are taught and supervised by enthusiastic lecturers involved with the latest developments of their subject.

Transferable skills are developed during the entire degree programme, from the first year tutorials all the way through to the final year project, supported by regular supervisory meetings.

Our programmes

Single subject programmes

The three-year BSc/BA programme is designed to train graduates for a wide range of careers in which generic skills from a Mathematics degree are valued, but direct use of detailed mathematical knowledge may be less prominent.

The four-year MMath programme is designed for those with the ability and desire to study Mathematics at a higher level, including those who may wish to follow careers as professional mathematicians in industry or research.

Both programmes are designed to develop a range of skills that are in high demand by employers: in addition to the mathematical knowledge needed in some careers (or for further study or research), there are transferable skills such as analytical thinking, problem solving and communication skills. You will also be expected to undertake a substantial final year project. This can seem daunting, but it often reveals talents hidden in coursework.

“The course appealed to me because it encourages both breadth and depth of knowledge. Even if you’re interested in topics for which no taught module is offered, there are still opportunities to study them through individual and group projects. I particularly enjoyed the module on fluids. My final year project examines different aspects of freak waves, huge ocean waves which seem to appear out of nowhere, including the mechanisms which cause them. The staff are really friendly and approachable and the lecturers are willing to help you solve any problems if you get stuck.”

JAMES, MMath MATHEMATICS, 4TH YEAR
and examinations, and many students find it the highlight of their degree programme.

During your first two years it is generally possible, subject to making good progress, to switch between three-year BSc/BA and four-year MMath single subject programmes.

**Combined programmes**

We offer a wide range of combined programmes, where you study Mathematics and another subject. Several are with naturally cognate subjects: Physics, Computer Science, Economics and Finance. Less obviously allied subjects are Linguistics and Philosophy.

Brief details follow; full information for each combined programme can be found on our website. All programmes involve the two subjects in roughly equal proportions, but with more flexibility in the final year. The distinction between three- and four-year versions (where available) is similar to that between the MMath and BSc/BA Mathematics programmes.

**Actuarial Science**

Actuarial Science concerns the evaluation and management of financial risk. Students take modules in actuarial topics, mathematics, statistics, accounting, finance and management, which develop problem-solving skills. The course offers an optional year in industry, providing invaluable hands-on experience. Employment prospects are excellent, and students will be well prepared for a successful career in insurance, banking, government, or any sector where risk management is crucial. For further information see page 130.

**Computer Science/Mathematics**

These are naturally related subjects, and these degrees are available in both BSc and MMath variants, and in variants in which the penultimate year is spent in an industrial placement. Some (especially final year) modules occupy common ground between the two subjects.

The mathematics you learn – while stimulating and interesting in its own right – will enable you to better appreciate the theoretical and practical ideas that you will study in Computer Science. For further information see page 75.

**Economics/Mathematics**

Explicit modelling and understanding of the interactions within economies nowadays requires highly technical tools: Economics is becoming an increasingly mathematical subject.

This degree equips students with an economically relevant mathematical toolbox and applies it to solving problems in economics. It is aimed at students planning to do technical work, such as designing analytical economic models and drawing from them conclusions, predictions and policy recommendations. See also the entry for Economics on page 79.

**Mathematics/Philosophy**

Mathematics and Philosophy have occupied common ground from ancient times (Pythagoras) to modern (Russell), and share a commitment to intellectual rigour. Over the centuries, however, the two have diverged somewhat, and the degree programme reflects this, consisting of largely independent strands from the two departments. See also the entry for Philosophy on page 157.

**Mathematics/Statistics**

Wherever data is collected, there is a role for statisticians and a well-trained statistician can help advance society’s knowledge and welfare. This degree equips students with a rigorous statistical background on a solid mathematical base. It teaches not only the tools required to analyse data, but also why and how they work. It is taught entirely within the Department of Mathematics.

**Mathematics/Finance**

In this programme students take modules within mathematics, statistics and financial economics. Mathematical finance is an increasingly technical profession practised...
by people with a strong background in mathematical sciences because of their quantitative skills. In addition to those skills, the industry is seeking graduates who are also capable of carrying out sophisticated economic and financial analyses. This degree provides training in these areas. See also the entry for Economics on page 79.

**Linguistics/Mathematics**

This three-year programme combines Mathematics with Linguistics, the rigorous study of all natural human languages – how they are structured, how and why they vary and change. The two subjects can be studied together quite naturally, as they both investigate patterns and structure in a rigorous and systematic manner. See also the entry for Linguistics on page 117.

**Year in Europe**

In the four-year programmes, Mathematics with a year in Europe and Mathematics/Physics with a year in Europe, you spend your third year studying at one of a number of continental European universities, supported by the EU Erasmus scheme. Classes in the language relevant to your year abroad will be available during your first two years in York. This is usually French, German or Spanish, but other language exchanges can be handled by special arrangement.

In your first, second and fourth years you follow one of the three-year programmes in Mathematics (BSc/BA) or Mathematics/Physics.

**What you study**

**Year 1**

The first year develops areas that are familiar from A level Mathematics, with the goals of extending the range of techniques you can use and your ability to apply them, but also, importantly, understanding why they work and the underlying mathematical structures.

In your first year of your Mathematics degree at York, you will be introduced to all three strands of mathematics: pure mathematics, applied mathematics and statistics. Pure mathematics is the study of the basic elements upon which all of mathematics is built. You will discover how seemingly simple definitions can, after some logical thought and argument, resolve into profound statements of truth called theorems. Applied mathematics uses these results to model and understand the world around us. Statistics is the study of data, and in particular how to collect, analyse and present those data in order to obtain accurate information and make decisions.

In your first and second years you will develop your skills in calculus and differential equations and learn how they can be applied in physics, biology and finance. You will study analysis, which provides the precise foundation for calculus. Computational and writing skills are also developed.

**Year 2**

With the first year providing the foundational basis for more advanced courses, in the second year you can pursue the subjects that most interest you, for example:

- Group Theory (the study of symmetry and structure, which has been applied to understand topics ranging from the physics of elementary particles to the structure of biological viruses)
- Applied Probability (the modelling of randomness in the world around us, used by weather forecasters, epidemiologists and financial traders)
- Classical Mechanics (the study of movement, from the motion of the planets to the spinning of a child’s top).

All of these subjects lead on to a wide range of interesting final year modules.

**Year 3 of three-year programmes**

One third of Year 3 is taken up by a substantial project, which also teaches writing and presentational skills. You can choose the mathematical topic that you want to investigate in your project, either from a list of suggestions for project topics or by coming up with a topic of your own. Throughout your work on the project your supervisor will be available to provide guidance and advice. The other two thirds consists of your choice of modules from across the full range of pure and applied mathematics (including Statistics, Finance and Mathematical Physics).

**Years 3 and 4 of four-year MMath programmes**

Year 3 of the MMath programmes is similar to that of the BSc programme, but instead of an individual project you complete a group research project.

Year 4 of the MMath programme is at an advanced level, higher than that of the BSc. It involves an individual project which may bring you to the research frontier and a range of modules, taught by active researchers in the field, which allow you to engage with exciting developments in the subject.

**Final year modules**

Our web pages show the broad range of optional modules currently available in the later years of our programmes. As well as covering all the main branches of modern mathematics, some of these modules reflect the special interests of members of staff, so that you will be taught by lecturers who are at the forefront of their subject.

Here are some of the topics covered in our current offering of modules for Years 3 and 4. For some there are several related modules on the topic, taught sequentially.

- Pure Mathematics: Differential Geometry, Functional Analysis, Abstract Algebra (Groups, Semigroups, Galois Theory), Number Theory, Dynamical Systems, Chaos and Fractals
- Applied and Applicable Mathematics: Fluid Dynamics, Numerical Analysis, Electromagnetism, Quantum Field Theory, Quantum Information, Relativity (Special and General), Partial Differential Equations (Applications and Numerical Methods), Mathematical Finance (Portfolio Theory, Derivatives, Black-Scholes Theory), Mathematical Biology, Ecological Modelling

**Choosing your options**

At all stages your personal supervisor and other members of staff can advise you about the best choice of modules, based on your interests and what you have previously studied.

**Teaching and learning**

For most modules, lectures are the main mode of teaching. The crucial factor in any university programme is the small group teaching in support of these.

In your first year, you meet your supervisor once a week for a small group tutorial. In these informal sessions you discuss the core modules – usually this means reviewing any lecture material that is puzzling, discussing solutions to assignments, and developing your skills in understanding, creating and presenting mathematical arguments. In addition, the tutorials are used to teach transferable skills, increasing your employability on graduation.

Non-core modules are supported
by additional weekly small classes known as seminars.

Seminars continue through the second year, while in the third and fourth years the lecture programmes are mostly in smaller groups and each has a weekly seminar or class.

Alongside the formal support teaching, we maintain an atmosphere of approachability among our staff. Lecturers are always available for informal consultation, and your supervisor can be approached at any time. If they do not have the answer, they will be able to direct you to someone who does!

In a typical week’s teaching, you can expect about 10–12 lectures. With problem classes, seminars and tutorials you will have a total of about 15–18 timetabled hours. A comparable amount of independent study (and discussion with your fellow students) is expected and this forms an important part of your degree.

The final year project, taken by all single subject students and comprising a third of the year’s studies, provides training in the skill of clear and accurate communication – much valued by employers and equally essential for research or further study.

Assessment
Most modules are assessed by a written examination. Some modules may also include an amount of assessed coursework in the form of weekly or fortnightly assignments.

Modules in your first year do not count towards the final degree mark, but to progress it is necessary to pass them.

Admissions
The fundamental criterion for admission is mathematical talent and the potential to benefit from, and succeed in, one of our programmes.

The majority of applicants for Mathematics receive conditional offers of a place and details of our typical offers are available from maths.york.ac.uk/wwww/admit. In most cases we make an offer soon after receiving your application and invite you to visit the Department. Individual circumstances are always taken into account when deciding whether to modify our typical offer.

Programme requirements
Candidates should be studying Mathematics at A level or equivalent and expect to achieve grade A. Our typical offer for single subject programmes includes grade A in Further Mathematics at AS or A level; candidates not taking any form of Further Mathematics are still encouraged to apply, and will be considered individually.

International students
The Department has a strongly international atmosphere and welcomes applications from international students, whose qualifications are considered individually. The only fixed requirement is that you have studied material equivalent to the core of the Mathematics A level.

Mature students
We welcome applications from mature applicants. You should have studied Mathematics at A level or an equivalent standard in the fairly recent past, but we will not insist on any particular formal qualifications.

WHAT NEXT?
Whatever your interests, a degree in Mathematics from the University of York will equip you with the skills and knowledge required for numerous potential careers. Mathematicians have skills that are in great demand from employers, and are among the highest earning of all graduates. Some enter fields in which they can continue their mathematical interests, including higher or research degrees, teaching, scientific work (research and development) and statistics. However, the majority go into careers not directly related to their degree, but in which mathematicians have much to contribute, such as finance (including accountancy and actuarial work), commerce and computing/IT (including operational research, programming and software development and systems analysis) and the public sector (including the Civil Service).

York Mathematics graduates have a wealth of opportunities available to them; typically over 90 per cent of our graduates are in employment or engaged in further study within six months of completing their degree. Destinations of recent York Mathematics graduates include:

- Teaching
- Credit risk analyst
- Finance leader for a leading UK airline
- Chartered accountant
- Systems engineer for a British multinational defence, security and aerospace company
- Actuary for a professional services firm
Programmes

Medicine (5 year, or 6 year for intercalating students) A100 MB BS

You must apply to HYMS (UCAS institution code H75), not to the University of York or the University of Hull. Please note that students normally do not choose the campus they are based on, but are allocated to either site by ballot.

Key facts

Admissions Tutor: Dr Paul Docherty
Telephone: +44 (0)1904 321763
Website: www.hyms.ac.uk
Email: admissions@hyms.ac.uk

2014 Applications: 1,400
2014 Admissions: 141

Typical offers

MATURE STUDENTS
Mature students are welcomed and considered individually

A LEVELS
AAA including essential subjects plus a fourth subject at AS level to grade B

IB DIPLOMA PROGRAMME
36 points with 6, 6, 5 in Higher level subjects including essential subjects

SCOTTISH QUALIFICATIONS
AAAAB at Higher level, including Biology and Chemistry at grade A, taken in a single attempt in Secondary 5 and either: AA in Advanced Higher level Biology and Chemistry, plus an additional Higher at grade A, taken in Secondary 6 or: AA in Advanced Higher level Biology and Chemistry, plus an additional Advanced Higher at grade B, taken in Secondary 6

BTEC EXTENDED DIPLOMA (QCF)
We do not generally accept BTEC extended diplomas

OTHER QUALIFICATIONS
For details of other acceptable qualifications go to www.hyms.ac.uk/admissions

Essential subjects

Biology and Chemistry

We only consider applicants who have taken the UKCAT in the year they apply (see www.ukcat.ac.uk)

English as a foreign language

IELTS 7.5 with at least 7.0 in all units

The Hull York Medical School curriculum is designed specifically to meet the fast-changing challenges of 21st-century healthcare
Studying Medicine

Medicine is a complex social and scientific endeavour, bringing together applied life sciences and clinical skills and reasoning. Today’s medical professionals must demonstrate values, behaviours and relationships that underpin the trust the public has in doctors.

Medicine is not a career for the faint-hearted but, while it is challenging and requires a great deal of its practitioners, it offers an unparalleled breadth of experience.

Medicine at the Hull York Medical School

Since opening in 2003, we have developed an excellent reputation for innovative, inspiring and rigorous medical education. HYMS is based in two well-established universities, in the attractive and historic cities of Hull and York and capitalises on the academic excellence and clinical facilities at both locations.

Our aims are clear: to ensure that you graduate as an excellent doctor with a solid understanding of both the scientific and the human basis of medicine. Our graduates have a strong reputation as excellent, patient-centred communicators, thoroughly prepared for clinical practice in whatever field they choose to enter. Our course maps closely to the requirements of the UK General Medical Council on the future training of medical students.

We have designed our course around a student-centred approach. We encourage you to learn by engaging with patients from the outset, experiencing a wide range of clinical settings and reflecting on your experiences as well as studying from a broad range of materials. We place an emphasis on the quality of the learning and clinical environments you encounter. Working in small groups, you will learn about the science, skills and knowledge underlying the practice of medicine in the wider context of the healthcare of patients, their families and communities. Our programme continues to develop, benefiting from contemporary educational methods, leading scientific research and feedback from our students, alumni, tutors and faculty members.

Throughout your time at HYMS, you will be well supported by an excellent and dedicated student office and an individual personal adviser.

Our programme

Our course is fresh, innovative and distinctive. It has all the dynamism you would expect of a young medical school. We welcome 141 new students every year — and they begin their regular clinical placements in the third week of the first year.

In Years 1 and 2, you are based in either Hull or York for all of your university and clinical activity. From Year 3 onwards, you spend the vast majority much of your time on clinical placements around the North Yorkshire and Humber region.

You can take an extra, ‘intercalated’ year after Year 2 or Year 3, at York, Hull or another university, to work for a further degree. You can take a BSc after Year 2, or a Masters-level qualification after Year 3.

What you study

Four key themes are woven throughout the HYMS course. These are:

- Applied life sciences
- Clinical skills and reasoning
- Health and society
- Professionalism.

Meanwhile, you will also be learning about groups of systems:

- Pathology, immunology and cancer
- Respiration, cardiovascular medicine and dermatology
- Gastrointestinal medicine, metabolic and renal medicine
- Reproduction and child health
- Mental health
- Musculoskeletal and nervous systems, special senses and elderly persons’ medicine.

The spiral curriculum returns several times to each theme and subject area, refreshing and deepening your understanding each time.

Phase I, the first two years of the programme, is designed to build the foundations of your medical knowledge and skills. You will be allocated to either the Hull or the York campus, tackling each block of learning with your problem-based learning group and benefiting from a wide range of innovative learning methods.

Phase II (Years 3 and 4) is spent on longer clinical placements across the region in a variety of acute, primary and community healthcare settings – though of course you will have continued access

Our curriculum focuses on student-led problem-based learning
We believe it is important for you to meet the patients from the very outset of the programme – after all, that’s what medicine is all about.

to University teaching resources. Each placement will allow you to become immersed in the clinical application of the knowledge you have acquired about the body systems groups, in a variety of healthcare settings, developing your skills in clinical reasoning and diagnosis.

Phase III, your final undergraduate year, will develop your skills further in the area of clinical management. You will gain extensive experience in medicine, surgery and primary care as well as a seven-week elective. This phase also includes the ‘assistantship’ period, when graduates begin their medical careers under close supervision and with continuing educational support.

Finally, throughout your studies, our Scholarship and Specialist Interest Programme will offer you the chance to study in depth a subject of particular interest to you within one of our academic centres.

Teaching and learning

Clinical experience is the keystone in your weekly programme, and half of your placements are in primary care settings. This is unique to HYMS. It makes you aware of how healthcare operates, where most healthcare happens: in the community.

In your first two years, you study medicine through problem-based learning as part of a group. Your PBL group is facilitated by an experienced clinician who knows how to guide you through the curriculum and understands the professional requirements for a modern medical practitioner. With the group’s support and stimulus, you develop essential team-working skills, and the shared discussion helps you to pinpoint learning outcomes and work out what to do next.

Each aspect of the curriculum is taught by a combination of clinicians, biomedical and social scientists, and healthcare professionals. Technology-enhanced learning is a central part of our course, with extensive electronic resources supporting all parts of the curriculum.

Intercalated degrees

We offer a diverse programme of intercalated degrees open to HYMS students and those from other medical, dental and veterinary schools. An intercalated degree is an opportunity to take a year’s leave of absence to undertake separate studies, leading to a further degree qualification. Intercalating not only lets you experience another academic environment and a different way of learning, it also gives you a qualification that enhances your CV. You can intercalate at undergraduate (BSc) or postgraduate (MSc) level, at HYMS or in departments of our partner universities of Hull and York.

There are a wide range of subjects to choose from; you can read about them at www.hyms.ac.uk/undergraduate/intercalated-degrees.

Study abroad

The main opportunity to study abroad is in the elective period of your final year. The seven-week elective is an opportunity to experience medicine in a different context, backed by self-directed study, and to reflect on your professional and personal development.

With guidance, you will make your own arrangements to study Medicine in one of a wide variety of situations throughout the world.

Assessment

We make use of two main types of regular assessment, formative and summative.

“Hull York Medical School stood out for me as an exciting school with an effective and relevant teaching style. The joint-university course is great because you get to experience the strengths of both campuses. I’ve enjoyed active problem-based learning, where you see everything you learn in clinical placement the same week. We work with peers in small groups, making the course really close-knit and ensuring we’re joining the information up correctly, rather than just memorising facts. It’s been fantastic getting used to patient interaction from the very first term.”

JOEL, MB BS MEDICINE, 2ND YEAR
Formative assessment is intended to help you see for yourself how you are getting on and where you need to increase your efforts, so the marks do not count towards your final qualification.

Summative examinations take place at the end of every academic year. We use these to assess your progress and check that you are attaining an appropriate level to progress to the next level of the course. These exams also determine your final qualification. As far as possible, we design these exams to test how well you can apply knowledge, rather than simply how well you can recall facts. This is consistent with the problem-based style of learning, which means your learning is always set in the context of a realistic patient problem.

Equally important is your Record of Achievement, a collection of evidence which demonstrates your attendance and performance at clinical placements and clinical skills sessions. This contributes to your summative assessment and must show a satisfactory level of performance.

Finally, your Personal Portfolio helps you to develop a pattern of thoughtful reflection on your own progress, an essential skill for all doctors to cultivate and maintain throughout their careers.

Widening access
The Universities of Hull and York are committed to widening access to higher education. We welcome applicants who bring diverse experiences to the medical school community, including older students and graduates (over a quarter of each intake), and we encourage applicants to spend a gap year either at work or travelling, in the UK or abroad.

Bursaries
For information on bursary support please see the HYMS website.

Admissions
HYMS has 140 places on the MB BS course, including ten places reserved for non-EU students. All applications are made through UCAS directly to HYMS, not to the University of York or the University of Hull. Late applications are not considered.

We expect our applicants to achieve high grades across a broad range of subjects at GCSE or equivalent, and to show evidence of breadth in their further studies to date. Some experience of caring for others is an advantage. Interpersonal skills are also important, so an interview is a normal part of our selection process. We are happy to provide guidance on these parts of our application process.

WHAT NEXT?
On graduating from HYMS, your MB BS joint degree from the universities of Hull and York is a primary medical qualification which entitles you to register provisionally with the UK’s General Medical Council. Registration with the GMC is subject to its acceptance that there are no Fitness to Practise concerns that need consideration. (You can find out exactly what this means from the GMC website.)

You will then enter the Foundation programme, a two-year general programme forming a bridge between medical school and specialist or general practice training. Over the two years, Foundation trainees gain experience in a variety of specialities and healthcare settings before applying to enter a specialist area. There will also be openings if you want to pursue academic medicine. There are enough Foundation posts available across the HYMS area for all our graduates who wish to remain in the region.

We are delighted that many of our graduates have opted to stay in the region, and will continue to develop their careers in the hospitals and surgeries where they studied during their degree. Others have used their HYMS qualification to find work elsewhere in the UK, in Europe and further afield.

When you graduate, you become a member of the HYMS Alumni Association, within the alumni community of our two parent universities, entitled to make use of all of their benefits and services. The Association helps you keep in touch with HYMS and with each other as you move into the next phase of your career. In time, we hope the Association will generate a range of voluntary activities, such as mentoring and organising events, for social purposes and for the promotion of medicine.

You can read about the experiences and career paths of some of our alumni at www.hyms.ac.uk/alumni.

For detailed information about HYMS admissions, including those for people who are not school leavers, please see the full HYMS prospectus or www.hyms.ac.uk/undergraduate/before-you-apply.
Programme | UCAS
--- | ---
Music | W300 BA/Mus

Courses are three-year programmes unless otherwise stated.

Key facts
Admissions Tutor: Dr Martin Suckling
Telephone: +44 (0)1904 322446
Website: www.music.york.ac.uk
Email: music@york.ac.uk

2014 Applications: 469
2014 Admissions: 78

Typical offers
MATURE STUDENTS
Mature students are welcomed and considered individually

A LEVELS
AAB/ABB

IB DIPLOMA PROGRAMME
35/34 points including HL 6 in essential subjects

SCOTTISH QUALIFICATIONS
AAAAB/AABB at Higher and AB at Advanced Higher level

BTEC EXTENDED DIPLOMA (QCF)
DDD/DDM

OTHER QUALIFICATIONS
For details of other acceptable qualifications go to www.york.ac.uk/admissions

Essential subjects
Music at grade A at A level or equivalent
Excluding General Studies and Practical Music

English as a foreign language
IELTS 6.5 with at least 5.5 in all units

“There’s a fantastic, creative atmosphere in the Department of Music and a sort of camaraderie that runs throughout, from first year undergraduates to postgraduates, lecturers and support staff”

Music undergraduate
We have a distinctive degree programme where you can tailor what you study to your interests and enthusiasms.

Studying Music
Most of us come into contact with music every day: on the radio, in the street, in a club, on film, or in a concert hall. This experience can be fleeting or intense, relaxing or frustrating, trivial or life changing, looked for or unexpected, solitary or social. Studying Music at university allows you the opportunity to deepen your understanding of that experience, to explore new ways of making, sharing and hearing music, and to look at how it has shaped and responded to the world and our view of it. The story of music is always about people and their creativity – the huge range of response that it creates illustrates that, even in a world full of music, what it is and what it does still matters.

Music at York
This experience of real music is at the heart of the programme at York. Whether your main interest is in performance, composition, world music, jazz or music history, we believe that playing, writing and listening to music is central to developing and broadening your understanding. A huge amount of student music making takes place in our concert halls, from solo recitals to large-scale music theatre, from music for full symphony orchestra to free-improvisation groups. Much of this activity forms part of the series of weekly evening concerts – free to music students (see www.yorkconcerts.co.uk for details). These concerts also include a wide range of visiting professional performers, giving students the opportunity to experience live music making of the highest quality at first hand. Importantly, along with a regular series of masterclasses, there are opportunities for students to perform alongside established musicians and ensembles.

Our main facilities include two concert halls (450 seats and 200 seats), a smaller recital room, seminar rooms and practice rooms. In the Sir Jack Lyons concert hall there are three Steinway grands, a three-manual full organ and a chamber organ, plus a percussion room. The Rymer Auditorium provides facilities for work related to music technology and also houses a Fazioli grand. There are also many early keyboard instruments, a range of medieval and Renaissance instruments, and sets of recorders and viols. The study of world music is supported by a full Javanese Gamelan and collections of Thai, African and Indian instruments. The Trevor Jones studio is available for creative work in digital music and an additional studio is available for concert recording.

The Department boasts several internationally renowned performers and composers among its staff. All staff are active researchers and have received many international awards for their work. Whatever their specialism, staff run modules directed by their research interests. Composition, performance of new music, vocal music, improvised music, historically-informed performance of early music, community music, musicology and analysis are all important parts of what we do here. 96 per cent of the Department’s research activity was rated as internationally recognised.

We have a strong commitment to the musical life of the campus, the city and the region. The orchestras, ensembles and choirs involve students and staff of the wider University, as well as the York community. The student-run Spring Festival of New Music is an annual event of national significance, and we are strongly

“I was attracted to York because you can choose your own modules right from the beginning. In my first year I covered a wide range of topics including Opera, Music in the Community, and Gamelan, each with a leading expert. Modules are open to all year groups – rather than being daunting this fosters a really close-knit community, and you learn from each other as well as from the lecturer. I also enjoyed being part of several different ensembles, which really improved my musicianship. The staff are fantastic and they tailor their teaching to your needs as a student.”

MIMI, BA MUSIC, 2ND YEAR
involved in the York Early Music Festival, the Late Music concert series, and the programmes of Jazz and World Music which take place in the city.

Our programme
The BA Honours in Music is a three-year, full-time programme of study comprising 360 credits.

What you study
The undergraduate programme combines choice with a firm grounding in musical fundamentals. It provides excellent tuition in core areas from world-leading researchers: music history from medieval music to electronica, performance and the study of performance practice, composition in a variety of styles, jazz and improvised music, and world music from a number of different traditions. Importantly, it also allows you the opportunity to explore specialised areas in depth.

The Music degree is modular: you choose a number of modules from the range that is offered each year. This gives you the possibility of specialising from the outset in areas of music that interest you, or choosing new and unfamiliar territory at any point. Each year there are modules that concentrate on individual composers (eg Bach, Beethoven, Debussy, Cage), those that look at a broader repertoire (eg The Jazz Diaspora, The Concerto, Techno Pop) and modules that teach composition or performance style, as well as those which explore topics such as Music in the Community or Film Music. A detailed list of current modules is available on the Department website; follow the links for ‘Undergraduate study’.

Year 1 provides focused tuition in written, notation and aural skills alongside a survey of repertoire from the earliest music to the present day. In Year 3 you also devise, research and produce a solo project – a dissertation, or equivalent, on a topic of special interest to you. This solo project is the opportunity to deepen your experience and understanding of one particular area of music; many students use it as the springboard to what they do after graduation.

The Practical Project
The first year starts with a Practical Project: the preparation and performance of a music theatre work, small opera or multimedia event. This experience of working together intensely is typical of the Department of Music as a whole, and professional results are always achieved in a very short space of time. Recent examples include Britten’s Paul Bunyan, Tristram Shandy, and Worldscape, featuring an orchestra of 55 laptops.

Ensembles and performance
Being a member of an ensemble is a required part of the degree programme. The main departmental ensembles include the University Orchestra and Chamber Orchestra, the University Choir and Chamber Choir, the Gamelan, the Jazz Orchestra, the Chimera new music group, the Gospel Choir, the Music Education Group, and the Baroque Ensemble, plus other vocal ensembles, and groups that specialise in the informed performance of historical repertoire. You are also encouraged to form your own ensembles and there are always many opportunities for solo or ensemble performance throughout the programme.

Teaching and learning
Modules typically involve a period of learning in small group classes, followed by further independent study during which,
with individual assistance, you produce a folio of work for assessment. Modules (from the second term onwards) are normally open to students from all years; this allows first years to benefit from the experience of their peers and fosters a distinctive collaborative departmental environment. Teaching methods are tailored to the subject matter at hand: traditional lectures play a role, but much teaching takes place in seminars, performance workshops, discussions, composition classes and smaller group study.

A large number of instrumental and vocal teachers are associated with the Department, providing teaching to individual students. They may also be involved in the coaching of chamber music, or may work with students on aspects of their performance both within and outside the degree programme.

Assessment

There are no exams. Instead, you are assessed through the submission of module folios. The contents of each folio reflect the focus of the module and the activities that have taken place in the teaching sessions. With guidance from the module tutor you are encouraged to decide on the exact contents yourself. A folio might consist of a performance, or a performance with an essay, or an essay by itself; it may include composition, or the preparation of an edition, or a film with music; it may be the staging and performance of a piece of music theatre; or it might be preparation of archive material. The flexibility this offers is a unique aspect of the York Music degree.

Elements such as ensemble performance, critical listening and instrumental and vocal tuition are also important parts of your degree programme. These are assessed through a combination of performance, self-reflective learning journal, and other non-traditional methods.

York Minster choral scholarships

Choral scholarships are offered each year by the Dean and Chapter of York Minster. Choral scholars are members of the Minster Choir and receive a scholarship of £5,000 per annum. Prospective candidates should contact the Director of Music, Robert Sharpe, at music@yorkminster.org.

Study abroad

The Department has an Erasmus exchange programme with institutions in Austria, Finland, France, Germany, Greece and Holland. This enables some students to spend time at our partner universities in Year 2. This runs alongside University-administered worldwide exchange schemes.

Admissions

First, we select on the basis of the information offered on your UCAS form. After that, you may be invited for interview, where we can discuss your musical enthusiasms and interests further. You will be asked to play a short piece on your principal instrument and we will look at essays, compositions and harmony that you have sent in advance.

We are looking for applicants with musicality, imagination, knowledge of the music in which you are interested and a good general knowledge of a variety of musical genres. We’d like you to have Grade 8 or equivalent standard on your principal study instrument and some experience of harmony and counterpoint is useful.

WHAT NEXT?

A large proportion of our past students have become well known as performers, composers, broadcasters, writers and teachers, while our graduates often go on to further study, taking advanced performance courses, research degrees, teacher training, or specialist courses in music technology, TV and film, dance, music therapy and arts administration – many begin their professional career straightaway.

The emphasis that the York degree programme places upon choice and your own initiative is valued by employers in many different professions; the skills developed during the degree programme also equip you for a wider range of career paths. For example, performing music to a professional standard is not only a question of playing accurately, but also about creativity, communication, attention to detail, judgement, and a whole raft of social and organisational skills. Music graduates are welcomed in many areas of work and recent careers include:

- Freelance instrumentalist/vocalist
- Artist manager for a major music agency
- Professional composer
- Journalist and broadcaster
- Media company director and entrepreneur
- Music librarian
The Natural Sciences programmes at York offer breadth and depth of knowledge to train the next generation of science leaders in government, industry and academia.
Studying Natural Sciences

Natural Science is the exploration of our natural world and the universe through experimentation. It follows the underlying philosophy that many of the most exciting developments in 21st-century science are carried out at the interfaces between the traditional disciplines.

Natural Sciences at York

The Natural Sciences programme at York blurs the distinction between disciplines by focusing on areas of interdisciplinary research excellence across the Departments of Archaeology, Biology, Chemistry, Electronics, Environment, Mathematics, Philosophy, Physics and Psychology. There is a choice of eight courses which provide opportunities for a wide variety of interdisciplinary study. All Natural Scientists at York undertake a final year project, typically in state-of-the-art academic research facilities.

Our programmes

Natural Sciences programmes at York fall into two categories, ‘specialisation’ and ‘interdisciplinary’, and are shown below. All courses are available as either three-year (BSc) or four-year (MSci) programmes of study. We are in the process of exploring year abroad and year in industry variants.

Interdisciplinary programmes

For these courses, students study a combination of subjects throughout their period at York. These courses (with contributing departments shown in brackets) are as follows.

Biological Modelling (Biology and Mathematics)

Mathematics and mathematical modelling is becoming increasingly important in understanding natural and biological processes; it enhances understanding of complex systems and enables quantitative predictions. The Biological Modelling programme will foster and develop students’ abilities to use mathematical techniques to understand the dynamics of the natural world, with an emphasis on ecology and ecological modelling. Students will benefit from the established interdisciplinary connections and close collaborations between these departments in both teaching and research.

Biophysical Science (Biology/Chemistry/Physics/Mathematics)

The Biophysical Science programme provides a quantitative grounding in the physical sciences of biology, chemistry and physics and leads students on to specialise in the interdisciplinary area of biophysics. Students will be equally comfortable engaging with physics as with biology, and will be able to apply the distinctive conceptual frameworks of these different disciplines to problems at the boundary between physics and the living world.

Mathematics/Physics/Philosophy (specialisation and interdisciplinary)

There has been significant cross-fertilisation between mathematics and philosophy, particularly with the development of formal logic in the late 19th and early 20th centuries. Twentieth-century developments in physics, particularly special and general relativity and quantum mechanics, have also proved a fertile ground for philosophical enquiry.

“Science is becoming increasingly interdisciplinary. For example, I am a plasma physicist currently working with both biologists and electronic engineers on a novel medical imaging project. The Natural Sciences programme at York embeds this multidisciplinarity directly into your learning experience. For many of the pathways, you will be able to undertake your final year project in one of York’s world-leading interdisciplinary research centres such as the York JEOL Nanocentre. This will prepare you well for a career in modern science.”

DR RODDY VANN, NATURAL SCIENCES PROGRAMME DIRECTOR
This three-way subject combination can be studied through all three or four years, but students are also able to specialise in either Mathematics or Physics by the final year, or alternatively transfer out of Natural Sciences to the Mathematics and Philosophy or Physics combined programmes.

Nanoscience (Chemistry/Electronics/Physics/Mathematics)
Nanoscience is the study and manipulation of atoms, molecules and nano-scale objects to create unique functional systems. You will learn how using quantum and statistical mechanics and thermodynamics of the very small, and arranging atoms and molecules in specific ways, leads to new materials or systems with remarkable functions. Laboratory skills are developed in our clean room; projects may be conducted at the York JEOL Nanocentre.

Neuroscience (Psychology/Biology/Chemistry/Philosophy)
Neuroscience is the study of the nervous system – specifically the function of a class of cells called ‘neurons’ that exist in all animals and which allow organisms to sense their environments, evaluate new information, learn and remember relationships between stimuli, and respond to events. York is unique in having neuroscience researchers whose expertise spans a vast range – from the atomic and molecular levels to cognitive processing in whole living brains and to the philosophy of consciousness and theory of mind. This programme will permit students to work in two world-class research centres, the York Neuroimaging Centre (YNiC) and the Centre for Hyperpolarisation in Magnetic Resonance (ChyM).

Specialisation programmes
You will study three or four subjects in the first year, choose any two of those subjects to continue in the second year, and then specialise in a single subject in the third year (and fourth year if you follow the MSci programme). This structure provides breadth on entry while guaranteeing depth on exit. The subject combinations have been selected to maximise genuine synergies between disciplines.

Archaeology/Biology/Chemistry/Environment
You will learn in Archaeology how field and laboratory science can be applied to the study of the human past, and how that application can bridge the ‘two cultures’ of science and the humanities. You will develop the ability to assess environmental problems and recommend solutions with an underlying appreciation of the socio-economic and political systems within which management decisions are made. Your skills development will include practical fieldwork.

Biology/Chemistry/Physics (and Mathematics in Year 1 only)
This course exploits the interfaces between the three traditional laboratory sciences of Biology, Chemistry and Physics. It is an ideal choice if you wish to study at greater breadth than would normally be possible with a single subject degree in any of the three subjects, but feel that you will be ready to specialise in a single subject by the third year.

Chemistry/Mathematics/Physics
The modern disciplines of Chemistry, Mathematics and Physics enjoy a number of synergies. A good example is the science of molecules: group theory in Mathematics informs us about the set of available rotations and vibrations; quantum mechanics in Physics can be used to calculate properties of the chemical bond from first principles; and Chemistry tells us how multiple molecules interact.
What you study

Whether studying via an interdisciplinary or specialisation pathway, the Natural Sciences programme at York is structured in such a way that you achieve breadth on entry and depth on exit. This means that, for modules which are shared with other degree programmes, you will be studying them in the same year as single subject students. The modules that are offered as part of Natural Sciences are carefully chosen to ensure that you will have satisfied all the necessary prerequisites.

A key feature of interdisciplinary research is learning to speak the ‘language’ of colleagues from other academic departments. While this can sometimes be challenging, it enables us to approach problems in a variety of ways – a skill applicable not only to science but also more broadly. The philosophy of Natural Sciences at York is therefore not to dilute offerings from particular subject areas but rather to combine teaching on topics that have relevance on both sides of traditional subject boundaries.

Teaching and learning

A Natural Scientist at York experiences a variety of different types of learning events:

- Lectures are often used for primary knowledge transfer. For general first year modules, a lecturer may be teaching over 200 students at a time; for more specialised third or fourth year modules, the lecture class might only have 20 students.
- Tutorials and seminars are used for teaching smaller groups, often to support material that has already been taught in lectures. These sessions allow for informal discussion of the lecture material and more personalised tuition. Often lectures are shared with single subject students, but tutorials and seminars are generally delivered with groups consisting only of Natural Scientists.
- Laboratory work (whether experimental or computational) is at the heart of Natural Sciences. Doing experiments and understanding the experimental method is not just a useful skill but underpins the very nature of empirical science. Laboratory work is sometimes done in groups or pairs and sometimes individually. Some laboratory work is interwoven with lectures and tutorials; sometimes it exists as a stand-alone module.
- Projects form the climax of every Natural Scientist’s time at York: every Natural Sciences programme includes a major project during the final year. On MSci programmes there is a particular aspiration to integrate projects with research and it is not unusual for final year undergraduate projects to contribute to publications in peer-reviewed journals.
- Subjects including Archaeology and Environment have field trips which involve experimental work ‘in the field’ at locations of particular interest.

Assessment

The Natural Sciences degree programmes are assessed by a variety of methods which reflects the various types of learning outcome being tested. Knowledge-based objectives are often assessed via a closed examination; practical tasks are often assessed via notebooks or reports. With a small number of exceptions, all primary assessments are available for a single resit.

Admissions

Applicants are selected for interview based on the information in their UCAS forms. A decision on whether to make an offer is based on both performance at interview and evidence from the UCAS form. Our typical A level offer is A*AA (or equivalent). The entry requirements are different for the various Natural Sciences programmes, although all programmes generally require Mathematics A level or equivalent; see the table below.

Applicants may change their preferred Natural Sciences course up to two months before starting their course and subject to studying the necessary subjects at A level (or equivalent). After this time, applications to transfer will be handled on a case-by-case basis. We offer a range of scholarships; please see our webpages for details.

Courses and A level requirements

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<thead>
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<th>Biological Modelling</th>
<th>Chemistry</th>
<th>Physics</th>
<th>Maths</th>
<th>Biology or Further Maths</th>
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<tbody>
<tr>
<td>Biophysical Science</td>
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<td>Yes</td>
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<td>Mathematics/Philosophy/Physics</td>
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<td>Nanoscience</td>
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<tr>
<td>Neuroscience</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td>Yes*</td>
</tr>
<tr>
<td>Archaeology/Biology/Chemistry/Environment</td>
<td>Yes</td>
<td>Yes*</td>
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<tr>
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<td>Yes</td>
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<tr>
<td>Chemistry/Mathematics/Physics</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

* For Neuroscience and Arch/Biol/Chem/Env, we are happy to consider applications from students taking the IB with Maths at Standard level.

WHAT NEXT?

Studying Natural Sciences at York equips students with the skills to succeed in a wide range of careers that require evaluation of complex or incomplete data, fact-based decision making, problem solving and teamwork. This includes careers in academia, industry, finance and government.

Specific examples of employment for which our graduates will be well-qualified are:

- Industrial researcher for a chemical engineering company
- Management consultant
- Civil servant in the Department for Business, Innovation and Skills
- Project manager in the aerospace industry
- Process technologist for an integrated circuit manufacturer
- Financial quantitative analyst for an investment bank
It is a very exciting time to be studying in the Department of Health Sciences – we were voted top department in England in the 2014 Guardian league table, our students have won Student Nursing Times awards for the last three years and one of our midwifery students was the England student representative for the Royal College of Midwives.
We are a vibrant, multidisciplinary department with an international reputation for research and taught programmes

Studying Nursing
Nursing may not always be easy to describe but we know when we receive good care and when we do not. The challenges of 21st-century healthcare are many. Nowhere is this more evident than when looking at the role of nurses, the work they do and where they do it. Whether it is caring for adults and children with complex physical and mental health problems in hospital, working with the elderly in residential care, or supporting people to lead independent lives at home, contemporary nursing demands exceptional skills, knowledge and abilities.

You will be compassionate with the ability to think critically and respond effectively to the diverse needs of people in your care. What matters to them will matter to you. Your work may involve supporting a child dying at home, managing acute illness in a critical care unit or working alongside a family struggling with the impact of substance misuse. You may even be helping a young person with a learning disability understand their diabetes and healthy eating. In whatever context, the commitment is considerable and responsibility is immense, but you will make a real difference to people’s lives.

Nursing at York
The BSc Nursing leads to both an academic award and professional registration as a nurse in one of four fields of practice: adult, learning disability, mental health or children’s nursing. Undertaking this degree will enable you to develop a clear sense of purpose and strong professional identity and prepare you to lead nursing practice in a modern healthcare setting.

As a Nursing student in the Department of Health Sciences you will experience the benefits of a large, vibrant, multidisciplinary department – but we are small and friendly enough to get to know you individually and guide you in developing your career. Graduates of Nursing from York have been extremely successful in finding first posts on completion of the course. See page 156 for information about our students’ subsequent employment.

What you study
We offer a three-year modular programme to prepare you for work as a registered nurse. Half of what you learn will take place in the practice setting and half will be University-based. All the subjects that you study will relate directly to your practice and will include: Individual and Public Health, Fundamental Communication Skills, Professional Identity, and Promoting Quality and Safety in Healthcare. You will gain experience in a variety of practice settings and you will have assessments in both theory and practice.

From the very beginning of your programme you will be a member of a Co-operative Learning Group (CLG). These small groups will be facilitated by an academic staff member who will remain your supervisor throughout the duration of your time on the programme.

CLGs enable you to experience perspectives from all aspects of nursing care and practice as you are able to discuss theoretical issues and share and explore experiences from practice.

During Year 1, you will start to develop the foundations of knowledge you need to progress as a student nurse. You will gain a preliminary understanding of core subjects and start to directly apply your knowledge to nursing practice.

The programme offers exciting and innovative opportunities for practical experience. Your practice hours will include time spent in a nursing role across a variety

“I was impressed by the reputation of Nursing at York, and how I was welcomed by all the staff and students at my interview. This supportive atmosphere continued when I arrived – staff really want us to succeed. They understand the course is challenging and listen to our views on how to manage its demands. The balance of theory and placement allows me to put what I’ve studied into practice, and the variety of placements in my first year, from adult to mental health nursing, provides an excellent foundation of skills.”

GAIL, BA NURSING (MENTAL HEALTH), 2ND YEAR
of healthcare settings. You need to have an ability to care for people with a range of health needs and will therefore gain generic skills applicable in all areas in Year 1.

In Year 2, you will begin to develop a deeper, more critical understanding of nursing practice and your role as a partner in relation to others. You will be encouraged to consider this role within the context of different healthcare settings and alongside other health, social care and third sector disciplines.

In Year 3, you will concentrate on the acquisition of specialist knowledge and skills within your field of practice. The focus will be on your professional development as an accountable practitioner and leader and you will be introduced to increasingly complex and challenging problems. Consolidation of your learning will be demonstrated through the completion of a project specifically linked to an aspect of your practice. Practice in your final year will provide an opportunity to prepare for your role as a registered nurse. During this final year you will also have the chance to undertake a short elective placement which may be elsewhere in the UK or overseas.

**Adult nursing**

If you choose to study adult nursing you will learn to respond to the needs of patients and families who are experiencing acute health crises, living with long-term conditions and advanced illness, or even facing the end of life. You will develop the personal and professional knowledge and skills to become adept in promoting evidence-based and compassionate family-centred care. Your practice will involve caring for people in their own homes, health centres, hospitals and in the independent sector where you will play an integral role in the care of patients and their families or carers.

Students who are progressing well on this programme have the opportunity to apply for the MNursing programme. For information see [www.york.ac.uk/healthsciences/nursing/m-nursing](http://www.york.ac.uk/healthsciences/nursing/m-nursing).

**Children’s nursing**

Through the acquisition of specialist skills, knowledge and attributes, you will develop an understanding of both the healthy child and young person, before progressing to recognise the healthcare needs of the sick child, young person and their family.

You will benefit from a range of practical experience in hospital and community settings throughout North Yorkshire and at regional centres in Leeds.

**Learning disability nursing**

The key feature of this field of practice is individual-led practice, linking you directly with individual clients, including adults and children in their family homes and residential and day services across a range of agencies. You will have the opportunity to develop your own portfolio of skills while gaining experience in a wide variety of health and supporting services, including voluntary and independent sectors. Throughout all aspects of your studies there will be a particular focus on the involvement of service users with a learning disability.

**Mental health nursing**

Anxiety-based disorders, depression and psychosis are just some of the problems that people with mental health conditions face. As a nurse specialising in this field of practice you will learn how to help people cope with such challenges. Working in collaboration with service users and practising in ways that are client-centred, culturally sensitive and effective are central to mental health nursing. You will gain experience in acute inpatient settings, and will also work with people whose mental health problems are serious and long-standing and who may need residential or community care. You will have the opportunity to work with older people or in areas such as child and adolescent mental health, substance misuse services and forensic provision.

**Teaching and learning**

From the outset our aim is to provide a vibrant teaching and learning environment that will encourage and support you to
become an exceptional registered nurse. The emphasis will be on gaining a sound understanding of the key principles of nursing which you will apply to your individual practice through a ‘situated learning’ approach. You are encouraged to engage in small seminar groups, student-led activities or simulated practice. This will be supported by key lectures related to the core subjects, and other broader themes, covered in the modules in Years 1, 2 and 3, reflecting your corresponding professional development and increasingly proactive participation in nursing care. Part of your learning will take place in our state-of-the-art Clinical Simulation Unit (CSU) (www.york.ac.uk/healthsciences/nursing/ facilities). This includes a ward, a critical care suite and a community facility, which ensures that you are exposed to the most up-to-date procedures and technology under safe and supervised conditions.

**Assessment**

Theory and practice are assessed equally throughout this programme. A diverse range of teaching and assessment methods are used to achieve and demonstrate learning outcomes. These include presentations, essays, reports, simulated scenarios and examinations.

At all times during this programme you will be guided, supported and assessed by both an academic and a practice supervisor or mentor.

**BSc (Extended Degree) Nursing**

Students who do not have the traditional qualifications to enter university can undertake the BSc Extended Degree Nursing.

The Foundation Year of this is delivered in partnership with York College and aims to:

- prepare students for admission to university through the development of knowledge, skills and attitudes that meet the criteria for progression to level 4 study
- develop a level of knowledge, skills and attitudes appropriate to caring for people in well-defined contexts using a limited range of standard techniques, within established legal and ethical frameworks
- develop in students an appreciation of the value of independent enquiry, thus enhancing the necessary skills for lifelong learning.

Assessments have a strong formative element, recognising that you develop incrementally. You will be guaranteed progression to the first year of the BSc Nursing at the University of York following successful completion of the Foundation Year.

This programme is intended to encourage students from a non-traditional background who fall under the umbrella of widening participation to apply for nursing.

**Midwifery at York**

**BA Midwifery Practice**

This is a Bachelor of Arts programme and the content and philosophy reflect this focus. The philosophy is based on the premise that women are central to the planning and provision of their maternity care which takes into account their culture, hopes and expectations. The programme prepares insightful midwives who have highly developed communication and interpersonal skills and are able to work in partnership with women and families in complex social contexts. We aim to develop midwives who are safe, clinically competent, autonomous practitioners, able to undertake the role of the lead professional for women accessing maternity care.

The programme at York was re-accredited with the UNICEF ‘Baby Friendly’ award in 2014, for excellence in infant-feeding educational content.

**What you study**

This is a modular degree comprising theory and clinical practice in approximately equal proportions. The first part of the programme is focused on the care of women and families throughout the normal pregnancy, labour, birth and postnatal adaption. The emphasis is on facilitating the development of knowledge, skills and understanding of normality so that you can then be alert to situations and clinical presentations that deviate from this state.

Subsequent modules introduce the theory and skills required when caring for women experiencing complicated maternity. You will access practice areas that support this development, for example the Special Care Baby Unit (SCBU) and the Antenatal Day Assessment Unit.

The third year develops your ability to support women with complexities. You will explore how the midwife can facilitate optimal maternal and neonatal health in

“For a long time, I’ve wanted to be a midwife to help develop women-centered care and make every birth a personal experience for women. I felt the programme York offers would help me achieve this. I think the way the course is structured is particularly good because you undertake placements alongside your study, which allows you to apply your learning straight away. The Midwifery cohorts are very small, so lecturers know each student and are always happy to support individual needs.”

CHARLOTTE, BA MIDWIFERY PRACTICE, 2ND YEAR
these circumstances. You will be supported throughout the course by a personal supervisor and the module leaders within the academic setting and by link lecturers and named clinical mentors within all of the practice areas.

**Practice experience**

Practice placements will be in maternity units and in the community across the whole of North Yorkshire. You will gain experience in at least two of these, giving you an opportunity to observe and experience a range of midwifery practices and philosophies of management and care. During the programme you will also have the opportunity to undertake an elective placement and take responsibility for your own caseload of pregnant women.

**Assessments**

A diverse range of teaching and assessment methods are used to achieve and demonstrate learning outcomes. These include grading of clinical practice, exams, objective structured clinical examinations (OSCEs), presentations, vivas and a dissertation.

**Admissions**

**Nursing, Midwifery, PG Diploma and the Extended Degree**

Applications are made through UCAS. Your UCAS application will be acknowledged when it is received within the Department. It will then be put forward for shortlisting by a panel of academic staff from the Nursing or Midwifery team.

We will look at your academic qualifications, but your supporting evidence is also considered. You need to demonstrate your personal qualities, what you understand about nursing or midwifery and details of any relevant experience.

The application process and interviews vary in format according to the programme you are applying for. Further details can be found on our website.

All applicants to Nursing are required to demonstrate an awareness of and commitment to the core values of the NHS which aims to protect and deliver the highest standards of care to patients. We base our selection decisions on these values and how well you are able to express them on your application and performance at our selection day. We would invite you to consider your application and your suitability to Nursing by reviewing the NHS Constitution (2013).

All offers will be conditional upon a satisfactory check by the Disclosure and Barring Service, a health assessment and, where appropriate, the achievement of the required qualification or grades. If you are unsuccessful in your application you can apply to us again, but you have to wait until the next application period (September–January).

More information can be found on our website: www.york.ac.uk/healthsciences/nursing/pg-diploma.

**Open Days**

Each year we hold a number of events where you can hear presentations from staff and students about our programmes. For information, visit our website: www.york.ac.uk/healthsciences/information-afternoons.

**Support worker programmes**

**Certificate of Higher Education**

To prepare for a greater responsibility or change in role to a higher banding, you could study for a full Certificate of Higher Education while still in employment. This one-year programme will allow you to
take on more responsibility within your current role as a Band 2/3 health or social care professional.

Foundation Degree in Health and Social Care: Associate Practitioner

This two-year work-based programme is designed to prepare health and social care support staff to work at Assistant/Associate Practitioner level.

You will already be working with people with diverse needs and your role may involve working across traditional boundaries. We will use this experience to enhance your knowledge and skills. The programme is learner-centred. We aim to build on your existing experience and current role in health and social care to develop a deeper understanding of client and carer needs.

You will attend the programme for one day a week. The first six months will be taught at York College and the subsequent 18 months are taught at the University of York. You also need to work with or have access to an appropriately qualified mentor, with protected learning time of nine hours per week during the course.

For more information see: www.york.ac.uk/healthsciences/support-worker.

Please contact the Department’s Admissions team for further information by email: dohs-ug-enquiries@york.ac.uk, or telephone: +44 (0)1904 321321.

Post-registration programmes for healthcare professionals

Dip/BSc Health and Social Care Practice

The Dip/BSc Health and Social Care Practice is a part–time top–up programme providing registered professionals with the opportunity to study for a higher academic award. The programme can be studied by nurses, midwives, paramedics and other registered healthcare staff. The non-registered workforce in health and social care can also access the programme if they meet the entry criteria. The generalist pathway offers choice from a wide range of modules that are relevant to your area of practice. We also offer specialist pathways in Child and Adolescent Mental Health and in Psychosocial Interventions.

BA Health and Social Care (Applied Midwifery Practice)

This is a clinically focused programme designed to meet the needs of midwives who wish to benefit from specialist post-registration modules.

BSc Cognitive Behaviour Therapy applied to physical and mental health problems

This is a programme for health and social care professionals designed to improve understanding of the impact of living with a long-term condition and help clinicians become more familiar with ways CBT can be used to manage and improve the patient experience. Please visit our website: www.york.ac.uk/healthsciences/ssprd/degrees.

Please contact the Department’s Admissions team for further information by email: dohs-cpd-enquiries@york.ac.uk, or telephone: +44 (0)1904 321321.

Funding

Up-to-date information about funding for all our programmes can be found on our website: www.york.ac.uk/healthsciences.

WHAT NEXT?

The Department has an excellent record in students achieving immediate employment after their pre-registration nursing and midwifery programmes. Recent examples include:

- Nurse and midwife for the NHS
- Cognitive behavioural therapist trainee for the NHS
- High intensity trainee for a counselling service
- Deputy clinical team leader for a mental health provider
- Primary healthcare worker for the NHS
- Drugs therapist for the NHS
### Programmes

<table>
<thead>
<tr>
<th>Philosophy</th>
<th>UCAS</th>
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<tbody>
<tr>
<td>English/Philosophy (Equal)</td>
<td>QV35 BA/EngPhEQ</td>
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<tr>
<td>French/Philosophy (Equal) (4 year)</td>
<td>RV15 BA/FrPhiEQ</td>
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<tr>
<td>German/Philosophy (Equal) (4 year)</td>
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<td>History/Philosophy (Equal)</td>
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<td>Mathematics/Philosophy (Equal)</td>
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<td>Physics with Philosophy with a year abroad (4 year)</td>
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<tr>
<td>Physics with Philosophy (4 year)</td>
<td>F3VM MPh/PP</td>
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<tr>
<td>Computer Science/Philosophy (Equal)</td>
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<td>GVK5 BSc/CSP</td>
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<tr>
<td>Computer Science/Philosophy (Equal) (4 year)</td>
<td>GV4M MEng/CSP</td>
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<td>Computer Science/Philosophy (Equal) with a year in industry (5 year)</td>
<td>GV4R MEng/CSP</td>
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<td>Combined programmes in the School of Politics, Economics and Philosophy – see page 173</td>
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<tr>
<td>Economics/Philosophy (Equal)</td>
<td>LV15 BA/EcPhiEQ</td>
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<tr>
<td>Philosophy/Politics (Equal)</td>
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<td>Philosophy, Politics and Economics</td>
<td>L0V0 BA/PPE</td>
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<tr>
<td>Combined programme in the School of Social and Political Sciences – see page 187</td>
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<tr>
<td>Social and Political Sciences with Philosophy</td>
<td>LL2V BA/SPSwP</td>
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<tr>
<td>Natural Sciences – see page 147</td>
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</tbody>
</table>

Courses are three-year programmes unless otherwise stated

### Key facts

| Admissions Tutor: Dr Nick Jones |
| Telephone: +44 (0)1904 323251 |
| Website: www.york.ac.uk/philosophy |
| Email: philosophy-admissions@york.ac.uk |
| 2014 Applications: 542 |
| 2014 Admissions: 106 |

### Typical offers

#### MATURE STUDENTS

Mature applicants are welcomed and considered individually

#### A LEVELS

- AAB
- AAA/AAB for F3V5, F3VM
- AAA for GV45, GVK5, GV4M, GV4R

#### INTERNATIONAL BACCALAUREATE

35 points (may vary for combined programmes)

#### SCOTTISH QUALIFICATIONS

AAAAB at Higher level (may vary for combined programmes)

#### BTEC EXTENDED DIPLOMA (QCF)

DDD (may vary for combined programmes)

#### OTHER QUALIFICATIONS

For details of other acceptable qualifications go to www.york.ac.uk/admissions

### Essential subjects

Certain specific subjects are required for the following combined programmes:
- See page 173 for requirements for the School of PEP, page 187 for the School of SPS, page 147 for Natural Sciences

### English as a foreign language

- IELTS 6.5 with at least 6.0 in all units

“Philosophy as a degree covers a huge number of topics, so it’s brilliant that York offers so many of them, normally with lecturers who are currently doing research in that area ... The Department is so open and friendly that you’re quickly made to feel at ease”

Philosophy undergraduate
Studying Philosophy

The aim of Philosophy is to gain a clearer understanding of our own nature, and that of the world in which we live. For example, philosophers try to understand what it takes to be a person; whether we have free will; whether time flows; how words have meaning; what a number is; what might make an action right or wrong; and what justice might be, and require us to do.

You have probably already been fascinated, at some point, by this kind of question, and in studying Philosophy you will address them rigorously. You will study original texts by both historical and contemporary philosophers in order to develop your own position in the light of the views put forward by others. You will be encouraged to support that position with considered arguments, to weigh up possible objections, and to develop answers to those objections – all of which takes imagination as well as careful thought. In the process you will grow and develop intellectually, as you arrive at well-founded views of your own.

Studying Philosophy also involves studying its past, so you will consider the questions asked by philosophers such as Plato, Aristotle, Descartes, Hume, Kant and Wittgenstein, and come to understand why they asked just those questions, and gave the answers they did.

Philosophy is a demanding and exciting intellectual activity. As you tackle absorbing questions, you learn to understand and engage with the thoughts of others and to develop and defend your own ideas. In the process you will hone important transferable skills in analysis, imagining solutions, problem solving and communication.

Philosophy at York

York’s Department of Philosophy is relatively large, and staff have a very wide range of interests – from philosophy of mathematics to philosophy of religion; from German idealism to analytic philosophy; from ancient philosophy to the philosophy of art. As a result, we can offer a wide choice of modules in all the central areas of Philosophy.

First year modules introduce key areas, in the second year there is the opportunity to select the core themes that most appeal to you, and in the final year you can specialise further, taking a number of higher-level modules led by academics actively researching in those fields, and going on to independent study modules in your final term. For combined programme students we offer bridge modules to draw together the two fields of study. (See below for a more detailed account of our courses.)

Respondents to the 2014 National Student Survey were very positive about our teaching. In the 2014 Research Excellence Framework assessment, 96 per cent of the Department’s research activity was rated as internationally recognised.

Our programmes

In addition to single subject Philosophy we offer combined degrees with English, French, German, History, Linguistics, Sociology, Mathematics, Physics and Computer Science. With the exception of Physics with Philosophy (where students study these subjects in the ratio 2:1), students on combined programmes divide their study equally between the two subjects – though for most programmes it is possible to vary the balance in the final year.

We also contribute to programmes in the School of Politics, Economics and Philosophy (see page 173), the School of Natural Sciences (see page 147), and the School of Social and Political Sciences (see page 187). Further details of all our programmes are available on our website.

What you study

The modules on offer and the course structure may vary from year to year, but our programmes are carefully planned to ensure that you have a firm grounding in central philosophical topics before moving on to specialise.

First year: introduction

The first year will acquaint you with the work of some important philosophers, and some major philosophical themes. In 2015/16 we will offer the following modules:

- Reason and Argument
- Introduction to Ancient Philosophy
- Ethics
- Knowledge and Perception
- Early Modern Philosophy
- Metaphysics.

All Philosophy students take the skills-based module Beginning Philosophy. Single subject students also carry out a short independent
Philosophy develops valuable skills in analysis, problem solving and communication which employers value highly.

research project – although if you wish, you can take a language course or a module in another department instead.

Students on combined degrees study fewer Philosophy modules; the exact make-up of their course depends on which programme they are studying.

First year Philosophy modules do not count towards your final degree class, although the marks appear on your transcript, and you must achieve satisfactory performance in these modules in order to progress to the second year.

Second year: options
At present, all second year students take some of the following four pathways, which run throughout the year:

- History of Philosophy
- Language and Mind
- Knowledge and Reality
- Moral Philosophy.

Single subject Philosophy students take at least three of these pathways; instead of a fourth, you may choose shorter Philosophy option modules or modules in another subject. Students on combined programmes take at least one pathway.

Third year: advanced options
In your third year you can choose from wide-ranging specialist modules reflecting the research interests of our staff. Recently these have included:

- Major figures in western Philosophy, from ancient times to the present day
- Buddhist philosophy
- Topics in applied ethics
- Metaphysical topics, including personal identity, time, causation, science and mathematics
- Problems of knowledge, including perception, knowledge of the past and issues arising from human diversity

Philosophy of art, creativity and imagination
- The philosophy of religion
- Consciousness, and other topics in the philosophy of mind
- The philosophy of language
- An independent research project.

The structure of the course is flexible, but single subject Philosophy students typically take five full modules (which may include a module in another department), and two ‘advanced modules’, involving further independent work in an area they have already studied.

Combined programme students will typically choose at least two Philosophy modules; Physics with Philosophy students choose one module. Most combined programme students also take a bridge module exploring links between their two disciplines.

Teaching and learning
Learning Philosophy is not about passively absorbing information; it involves active participation. Our teaching aims to get you reading, thinking, questioning, discussing and writing Philosophy yourself.

You will need certain intellectual skills – in understanding, analysis, reasoning and communication – and our teaching aims to build your knowledge and develop these skills through lectures, reading advice and online content.

In seminars (groups of 12 to 15 students), smaller tutorials, reading groups, informal meetings and written work you will improve your skills through discussion, engagement with others and forming and defending your own considered opinions.

Throughout this process we support your learning with verbal and written feedback. Every member of staff also has

“I chose York because the course covered many different aspects of philosophy and offered a diversity of topics in all three years. I’ve particularly enjoyed the Knowledge and Reality pathway; it focuses on questions about what we know and what there is, things we simply take for granted. I’ve also taken the opportunity to go beyond the fixed course and explore philosophy through extra-curricular reading and societies. The Department’s staff have been incredible in the support they’ve shown me, helping me to achieve the best possible grades and expand my horizons.”

ANGUS, BA PHILOSOPHY, 2ND YEAR
a Feedback and Advice Time when they are available for informal discussion, and we actively encourage students to make use of these opportunities.

We believe that keeping our seminar groups small and encouraging this one-to-one contact makes our teaching more effective. These are some of the ways in which York’s teaching is distinctive.

Study abroad
Philosophy students may spend their second year studying in Europe as part of the Erasmus scheme. Our current partners include the University of Paris and the Humboldt University in Berlin. You can also apply to spend your second year at one of our worldwide university partners in North America, South Africa, Asia or Australia – these exchanges are subject to a selection process.

Assessment
Your work will be assessed by a mixture of essays and examinations. The exact balance of assessment methods depends on the modules chosen, but is typically equally balanced in the first and second years, with nearly all third year modules being assessed by essay. The first year module Beginning Philosophy is assessed in part by online tests, and the first year project requires students to create a simple website.

In recent years two thirds of our students have obtained First or upper second class honours; nearly all the rest obtained lower second class honours. Since external examiners make sure that our standards are comparable with other universities, this high performance reflects the ability of our students and, we believe, the teaching that enables that ability to be realised.

Admissions
In assessing applications we look at actual and predicted examination results, at the reference from your school or college, and at your personal statement. If we offer you a place we will also invite you to visit the University – if you wish – to meet our staff and students, explore the campus, and try a taste of University study.

Entry requirements
Our typical offers are shown on the front page of this section, together with any specific subject requirements. There are no such requirements for single subject Philosophy; all A level subjects (or equivalent) are acceptable and General Studies A level is accepted alongside other subjects.

Mature students
The normal entry requirements may be modified for mature students, and you are welcome to contact us for advice. We would be pleased to receive your application, and usually several mature students join us each year. If the UCAS form does not give you space to detail your academic and life experience, you can send further documentation to ug-admissions@york.ac.uk (please quote your UCAS number).

WHAT NEXT?
Skills in analysis, creative problem solving and clear communication are essential to Philosophy, and are all attributes which employers value highly.

Philosophy graduates enter a variety of jobs including private sector management, the Civil Service, information technology, charities, banking, accountancy, local government and the media. Some continue in academic study, or take professional or vocational training to prepare for careers in, for example, education or the law. Our recent graduates have followed career paths in areas including:

- Philosophy consultant for a publishing company
- Broadcast journalist
- Lawyer
- Bank cybersecurity expert
- Charity campaigner
- Quality improvement officer for the NHS
- Software developer
- Teaching

160 Philosophy
### Programmes

| Physics with a Foundation Year (4 or 5 year) | F304 BSc/MPhP |
| Physics with Astrophysics with a year abroad (4 year) | F3F5 BSc/PA |
| Physics with Astrophysics (4 year) | F3F7 BSc/PA |
| Physics with Astrophysics (4 year) | F3FN MPh/PA |
| Physics with Astrophysics with a year abroad (4 year) | F3F8 MPh/PA |
| Theoretical Physics with a year abroad (4 year) | F345 BSc/TP |
| Theoretical Physics with a year abroad (4 year) | F347 BSc/TP |
| Theoretical Physics with a year abroad (4 year) | F348 MPh/TP |
| Physics with Philosophy | F3V5 BSc/PP |
| Physics with Philosophy | F3V7 BSc/PP |
| Physics with Philosophy (4 year) | F3VM MPh/PM |
| Mathematics and Physics (Equal) | GF13 Mix/MPhyEQ |
| Mathematics and Physics (Equal) with a year abroad (4 year) | GFD3 Mix/MPhyEQ |
| Mathematics and Physics (Equal) (4 year) | GFC3 MMath/MPEQ |

### Key facts

**Admissions Tutor:** Dr Charles Barton  
**Telephone:** +44 (0)1904 322241  
**Website:** www.york.ac.uk/physics  
**Email:** physics-admissions@york.ac.uk

**2014 Applications:** 697  
**2014 Admissions:** 140

### Typical offers

Typical offers may vary for combined programmes.

**MATURE STUDENTS**  
Mature students are welcomed and considered individually.

**A LEVELS**  
AAA/AAB

**IB DIPLOMA PROGRAMME**  
36/35 points including HL 6 in essential subjects

**SCOTTISH QUALIFICATIONS**  
AAAAA at Higher level and AA at Advanced Higher level  
AAAAB at Higher level and AB at Advanced Higher level

**BTEC EXTENDED DIPLOMA (QCF)**  
DDD

**OTHER QUALIFICATIONS**  
For details of other acceptable qualifications go to www.york.ac.uk/admissions

### Essential subjects

- Mathematics and Physics grade A at A level or equivalent

### English as a foreign language

IELTS 6.0 with at least 6.0 in all units

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The Department of Physics offers the highest quality physics education in a leading research environment. An enthusiasm for teaching and excellent staff–student rapport ensure an extremely supportive atmosphere.
We offer a wide range of flexible degree courses taught by specialists at the cutting edge of their fields of research.

Studying Physics

Physics is the most fundamental of the sciences. The key ingredient to becoming a successful Physics student is to have a curious and questioning mind. Physicists deploy a mixture of experimental and analytical skills, and creative flair. However there is no norm. Some have a theoretical inclination, others excel as practical or computational investigators. Some are very analytical in their approach to the subject, others more intuitive. It is for this reason that we offer a number of different Physics degree programmes which cover the range of different approaches, although all have the same physics core.

Due to their natural abilities and the techniques learned in their university study, Physics graduates are very employable and highly sought after across the broad range of fields. As technology continues to play a greater role in society, the demand for physicists develops further. This is increasingly true as we develop solutions to the challenges facing us in the 21st century, such as tackling climate change and providing new, cleaner and sustainable energy sources. Physics as an academic discipline offers a great deal to its students; Physics graduates have a great deal to offer employers. Currently, over 90 per cent of our graduates are employed or in further study six months after graduation and 70 per cent of those in employment are in a professional or managerial job.

Physics at York

The main aims of the degree programmes at York are to provide a high quality teaching and learning environment. The University of York was ranked first in the UK and eighth in the world in the Times Higher Education 100 universities under 50 in 2012. In the National Student Survey, Physics at York consistently scores well and averages over 90 per cent in student satisfaction with the quality of the course. In the 2014 Research Excellence Framework assessment, 95 per cent of the Department’s research activity was rated as internationally excellent.

Our BSc programmes provide a thorough grounding in physics knowledge, scientific principles and methods combined with communication and problem-solving skills. The MPhys programmes offer a rigorous scientific education which amply meets the needs of students intending to become professional physicists.

The Department has a number of world-class research facilities, including the York JEOL Nanocentre which has one of the highest resolution STEM and TEM microscopes in the world, the York Centre for Quantum Technologies which is leading a quantum communications hub in the UK, and the York Plasma Institute which houses the largest nuclear fusion research group in the UK. We have a strong reputation for being friendly and supportive of students, with academic staff having an ‘open door’ policy.

Our programmes

Our Physics degree programmes are modular, providing considerable flexibility in defining your degree profile. A set of core modules, common to all major Physics degree programmes, provides a coherently structured and well-balanced grounding in all the fundamental areas of physics. It ensures that our degrees are accredited by the Institute of Physics, the professional body of physicists, as satisfying the academic component of their requirements for Chartered Physicist status.

A wide selection of other modules enables you to study particular aspects of physics or to take modules from certain other departments to form a combined degree. The remaining credits are provided “Physics only really gets into its stride when you get to university; if you like it now, you’ll love it at the University of York. I have especially enjoyed the lectures. Lecturers always go out of their way to make them fun and interesting, for example through demonstrations or by linking module courses with their research. The relationship between students and staff here is unique. I would really encourage you to come to an Open Day to experience the positive atmosphere within the Department!”

SAMMY, MPhys PHYSICS, 3RD YEAR
by professional, communication and computing skills modules and by laboratory work/projects. The selection of modules and the wide range of research activities in the Department enable you to see how physics interrelates with other academic subjects and industry.

We offer a wide range of Physics courses including Physics with a Foundation Year. A year abroad programme which we also offer can be incorporated into most degree programmes and is selected via a specific option. All our programmes are offered as three-year BSc or four-year MPhys. Both qualifications make similar intellectual demands and a quality performance along either path can give access to a career in scientific research, although in some of the more competitive research areas the MPhys qualification may be preferred.

Opportunities with industry
The White Rose Industrial Physics Academy (WRIPA) is a new collaboration between the Universities of York and Sheffield and industrial partners, that builds upon our tradition of growing our ties with industry. It promotes collaboration between our students and industry, giving practical insight into the problems physics can address. You will gain hands-on experience of research and development projects with our industrial partners. There will be opportunities to participate in real-world industry-led undergraduate projects as well as summer and year placements.

The development of practical and transferable skills will further benefit from the involvement of our industrial partners in our curriculum, laboratories and joint workshops. Opportunities with industry led by WRIPA will expand your career opportunities at graduation.

What you study
The first two years of study are common to both the BSc and MPhD degrees, so MPhD to BSc transfers are possible during these years. Transfers from BSc to MPhD are possible at the end of the first and second years subject to satisfactory performance. The extra year of the MPhD degree provides the opportunity to include advanced material, and to undertake a major independent research project extending over three terms that culminates in a conference-style presentation to staff and fellow students. The BSc degree remains a stimulating challenge, contains all the basic elements of the four-year programme, and continues to provide access to higher degrees in Physics as well as other subjects. The BSc degree also contains a final year research project, in which you work with a partner for two terms on a chosen research topic. The Foundation Year gives you the opportunity to qualify for entry to any of the Physics degree programmes if you do not have the normally required A levels or equivalent in Physics and Mathematics.

Year 1
The first year of your degree begins with an investigation of core physics material, the fundamental characteristics of our Physics curriculum. This core material is common to all students taking single subject Physics or major Physics joint degrees. These basic modules are supplemented with optional modules in astrophysics or theoretical physics. Optional modules in languages and in other subject areas will normally be available. Combined degree students have effectively already made their choice of optional modules, whereas if you are not yet fully committed to a particular degree you can, by a suitable choice of optional modules, leave open the final choice until the end of the year.

This introductory part of the degree concentrates on establishing general physical principles together with an extensive and co-ordinated study of mathematical methods and techniques which are necessary to underpin the subject. Studies of electricity and magnetism, heat and kinetic theory, mechanics, quantum physics and relativity, and mathematical methods (including vector algebra and differential equations) are developed and all are supported by regular tutorials. Five hours a week are spent on experimental work in the laboratories including a group project. Computing modules and general transferable skills are taken throughout the first year. We also help you develop a ‘big picture’ of how the different parts of physics all fit together, through a specially developed first year module.

Years 2 and 3
In the second and third years, the ideas introduced in the first year, together with many more, are applied to studies of electromagnetism, quantum and statistical mechanics, nuclear and particle physics and physics of the solid state. In addition, in order to establish the necessary mathematical foundations required for the full appreciation of these subjects, statistics, vector calculus, differential equations, matrices, numerical methods and computing are studied, and communication skills are developed.

Variations occur between the BSc and MPhD degrees in the third year. In the BSc programme, a research project is
undertaken in the third year. It is conducted under the supervision of a member of staff who is an expert in the chosen area. The project is often aligned with the research interests of the staff member and is your opportunity to take part in some original research. In addition to its educational value, the project also helps to orientate you towards your future after your degree and students often find it to be one of the most satisfying and rewarding parts of their programme. In some cases, journal publications have arisen from excellent project work. In the MPhys degree, the main project is undertaken in the fourth year and, instead, advanced laboratory work and a module focusing on frontiers of research are undertaken in Year 3.

Specialist modules
In addition to the core modules outlined there is a range of specialist modules. Some of these modules develop certain areas of the core material to a much more advanced level in order to approach the frontiers of knowledge in these subjects, whereas others aim to show the relationship and relevance of Physics to other disciplines.

Fourth year MPhys programmes only
The fourth year consists of different numbers of advanced option modules according to which degree programme is being followed. In addition, a major research project is conducted throughout the year. MPhys projects follow a similar format to those in the BSc programme, but the extra time afforded enables you to go deeper into the work, making it even more valuable. The project culminates in a conference-style presentation of the work done. The project is often aligned with one of the active research fields in the Department, such as fusion or nuclear astrophysics.

Physics
Within the Physics degree programme you undertake experimental laboratory work in each year, taking the form of a project in the final year, upon which a report is produced and presented as part of the final examination. In addition, if you are an MPhys student you will undertake further experimental training in your third year. The project may form part of the research activities of the Department and be carried out in the research laboratories. The subject of the investigation may also reflect one of your own particular interests.

Physics with a year abroad
You can combine the study of Physics with the experience of living in a foreign country. Through the Erasmus scheme (www.erasmus.ac.uk) we currently have exchange agreements with the Universities of Bologna (Italy), Lille (France) and Erlangen-Nürnberg, Heidelberg, and Münster (Germany). All of these degree programmes are of four years’ duration, with the third year being spent overseas. In the case of BSc degrees, the year abroad constitutes an additional year in which some Physics modules and a project will be undertaken at the host university, as well as related science, cultural and language modules. For the MPhys degrees, you will take modules as similar as possible to those of Year 3 of the York core modules.

If you choose this option you will attend language classes in place of Physics elective modules in your first two years.

Physics with Astrophysics
The Astrophysics options and research project enable you to pursue in-depth knowledge, both theoretical and experimental, on a range of astrophysics topics, including those aligned with the Department’s active research groups. This degree has all the vocational advantages of a predominantly Physics degree while providing an opportunity to pursue and develop your interest in astrophysics.

Recently the Department has invested in several new optical telescopes which have greatly enhanced the observational experiences of students and the scope for obtaining high quality images. There is a separate observatory on campus dedicated to undergraduate usage. The Department also has both a radio telescope and a radio interferometer for observations at different wavelengths. In 2011 we created our ‘Astrocampus’, a custom-built facility to house all our key telescopes in a modern and convenient setting in a quiet part of the main campus.

Many of these instruments have been developed and modified by students during the course of their final year project work. During your time here at York, you will learn how to use these instruments and the associated CCD cameras, filters, eyepieces and antennae. You will develop the skills.
Developing skills such as problem solving and numeracy gives you the opportunity to pursue a wide range of rewarding careers.

Developing skills such as problem solving and numeracy gives you the opportunity to pursue a wide range of rewarding careers.

Theoretical Physics

Theoretical physicists have made many key contributions to physics by using mathematical and computational methods. Recent developments include ‘computer experiments’ in which the behaviour of very complex systems is simulated. The Theoretical Physics programme provides an excellent grounding in this area of physics, highlighting the underlying mathematical, computational and modelling techniques. The first year is similar to that for the other single subject students, including time in the experimental laboratory (since all physicists need to know how experiments are performed) along with Computer Programming. In later years, in addition to core material, you will take specialist modules on topics in mathematical physics and computational physics. Practical simulation skills will be developed in the second (and, in the case of MPhys students, third) year in the computational laboratory and applied to problems in physics. In the final year you will exploit your knowledge and skills in an open-ended theoretical or computational physics project.

The Department is well placed to help you develop substantial computational skills, owning and operating a 256-core supercomputer which can be used by students in areas of project work and for parts of specialist computational modules.

There is also a new, smaller cluster computer dedicated to teaching and undergraduate projects.

Physics with Philosophy

This joint honours degree has one third of the modules taught by the Department of Philosophy. Due to the modular nature of the York Physics degree, the same core physics is covered in this as in the other degrees, and the same graduate career opportunities are available. However, the advantage of this degree is that it provides a wider academic perspective as it draws upon the traditions of both science and the humanities. In conjunction with the Physics core modules, a series of seminars takes place in which the problems of the interpretation of quantum mechanics, relativity and cosmology, among other subjects, can be discussed. As part of the Philosophy component, modules in the philosophy of physics, of mathematics and of science in general are also given.

Mathematics and Physics

The joint honours Mathematics and Physics degree focuses on the mathematical structure of theoretical physics and can be taken as a three-year or four-year programme. The degree is split approximately equally between the Departments of Mathematics and Physics. In the first two years, a fixed programme of Physics modules is taken, leading to more flexibility in the final one or two years. The final year project can be undertaken in either Mathematics or Physics and in order to offer a wide range of projects, some computational skills are taught in the early parts of the degree. For further information see page 135.

Physics with a Foundation Year

This programme should be especially attractive to students wanting to make a career change or to those who have not taken A levels or equivalent in Mathematics and Physics. It is not intended for those who have already taken A level Physics and Mathematics or equivalent and who have...
obtained low grades. During the Foundation Year, you study Physics and Mathematics to A level standard and are taught by teachers with considerable experience at this level. In addition, laboratory and theory classes are given which are designed as an introduction to the first year of the other degrees offered by the Department. Following successful completion of the Foundation Year, students may enter any of our three-year (BSc) or four-year (MPhys) degree programmes. We also offer an alternative to the Foundation Year in partnership with the Open University. This scheme is known as ‘Open Plus’ and enables you to do the Foundation Year and first year with the Open University, and then transfer to York for the rest of your Physics degree. Further details of all our programmes can be found on our website.

Teaching and learning
Formal lectures are supported by small group tutorials in which questions arising from the lectures, weekly problems or more general aspects of physics can be discussed. The laboratory work complements the lectures as far as possible. A typical week for a single subject student in Year 1 comprises about ten hours of lectures and five hours in the laboratory along with two or more hour-long tutorials. Mathematics workshops are held in Years 1 and 2 and problem classes throughout the entire degree programme. You will also have a supervisor to offer guidance and support throughout the degree.

Study abroad
In addition to the Erasmus scheme, exchange schemes with some universities in North America, South Africa, Asia and Australia are available. Physics students can apply for places on these schemes in competition with students from other departments within the University.

Assessment
The final degree is awarded on the basis of performance in formal written examinations and on assessed coursework (including weekly problems, laboratory work and the final year project). A satisfactory performance is required in the Year 1 examinations to progress to Year 2. Marks from Years 2–3 (BSc) or 2–4 (MPhys) are combined to determine the final degree class awarded according to a standard formula used by all University of York degree programmes.

Admissions
Applicants believed to have honours degree potential on the basis of the information contained in their UCAS form are invited to attend an interview at a departmental visit day. You may then receive an offer via UCAS that depends upon the subjects you are currently studying and any completed qualifications you have. Our typical A level offer is grades AA in Physics and Maths plus A or B in a suitable third subject.

Two AS level subjects may be accepted in place of a third A level subject. Applications for single subject degrees will be considered from students with AS Mathematics, in which case the optional modules in Year 1 are replaced by MathsPlus I and II to cover the missing material. Applicants with Scottish qualifications will normally be expected to take Physics and Mathematics (Paper 1) in the Advanced Higher examinations and have good grades in at least four subjects in the Higher examination. We welcome other equivalent qualifications and applications from mature students.

WHAT NEXT?

Graduate employment is taken very seriously at York. Currently, over 90 per cent of our graduates are employed or in further study six months after graduation and 70 per cent of those in employment are in a professional or managerial job. The range of skills acquired during our degree programmes equips our graduates with a variety of techniques to solve problems in many fields of science and engineering. The communication skills modules are an attractive asset when seeking employment. Our recent graduates have entered a range of careers including:

- Client technical specialist for a global business and technology company
- Data analyst for a multimedia news publisher
- Patent attorney for a law firm
- Plasma scientist for a fusion energy organisation
- Automotive electrical engineer for a multinational automotive company
- Petro-physicist for an oil company

Two AS level subjects may be accepted in place of a third A level subject. Applications for single subject degrees will be considered from students with AS Mathematics, in which case the optional modules in Year 1 are replaced by MathsPlus I and II to cover the missing material. Applicants with Scottish qualifications will normally be expected to take Physics and Mathematics (Paper 1) in the Advanced Higher examinations and have good grades in at least four subjects in the Higher examination. We welcome other equivalent qualifications and applications from mature students.
Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>UCAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Politics</td>
<td>L200 BA/Pol</td>
</tr>
<tr>
<td>Politics with International Relations</td>
<td>L201 BA/PWIR</td>
</tr>
<tr>
<td>English/Politics (Equal)</td>
<td>QL32 BA/EngPoEQ</td>
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<tr>
<td>History/Politics (Equal)</td>
<td>VL12 BA/HisPoEQ</td>
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</table>

Combined programmes in the School of Politics, Economics and Philosophy – see page 173

<table>
<thead>
<tr>
<th>Programme</th>
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<td>Economics/Politics (Equal)</td>
<td>LL12 BA/EcPoEQ</td>
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<tr>
<td>Philosophy/Politics (Equal)</td>
<td>VL52 BA/PhiPEQ</td>
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<tr>
<td>Philosophy, Politics and Economics</td>
<td>LOV0 BA/PPE</td>
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</table>

Programmes in the School of Social and Political Sciences – see page 187

<table>
<thead>
<tr>
<th>Programme</th>
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</thead>
<tbody>
<tr>
<td>Social and Political Sciences</td>
<td>LL32 BA/SPS</td>
</tr>
</tbody>
</table>

Courses are three-year programmes unless otherwise stated

Key facts

Admissions Tutor: Dr Alex Hall
Telephone: +44 (0)1904 323559
Website: www.york.ac.uk/politics
Email: pol-ug-admissions@york.ac.uk

2014 Applications 792
2014 Admissions 147

Typical offers

MATURE STUDENTS
Mature students are welcomed and considered individually

A LEVELS
AAA for VL12
AAB for L200, L201 and QL32

IB DIPLOMA PROGRAMME
36 points for VL12, QL32
35 points for L200, L201, QL32

SCOTTISH QUALIFICATIONS
AAAAA/AAAB at Higher and AB at Advanced Higher level (may vary for combined programmes)

BTEC EXTENDED DIPLOMA (QCF)
DDD (may vary for combined programmes)

OTHER QUALIFICATIONS
For details of other acceptable qualifications go to www.york.ac.uk/admissions

Essential subjects

Essential subjects are required at grade A for the following combined programmes:
English for QL32
History or Classical Civilisation for VL12
Excluding General Studies

See page 173 for the School of PEP

English as a foreign language

IELTS 6.5 with at least 5.5 in all units

“York combines an excellent academic environment with a vibrant student life and a beautiful campus. I love the fact that I am studying in a worldwide-recognised university which has won awards for its achievements”

Politics undergraduate
“My degree has allowed me to study a broad range of fantastically interesting subjects that I wouldn’t have otherwise been exposed to.”

OLIVER, POLITICS, 3RD YEAR

Studying Politics

The study of Politics involves looking at the ways in which human societies collectively manage their affairs, distribute their resources, and engage in and resolve conflicts, as well as the ideas and beliefs that inform our political judgements.

As an academic discipline, Politics is also concerned with the analysis of political behaviour and with understanding the rules and norms that govern political institutions and power relations in society as a whole.

Politics at York

At the University of York we are distinctive in that we cover a broad spectrum of the discipline of Politics, from the history of political thought to the resolution of conflict in war-torn societies, and from the study of the Middle East to the politics of the European Union. Students in the Department of Politics have the choice of a wide range of modules in their second and third year of studies. This allows you to explore diverse interests, or to specialise in a particular area of study.

In the 2014 Research Excellence Framework assessment, the Department was ranked eighth for overall performance. Our staff are committed both to teaching and research of the highest standard and to applying their knowledge to real-world problems. Our teaching and research cover all the major sub-disciplines of Politics, including conflict and development, international and comparative politics, political philosophy and public policy. Our wide regional expertise includes Britain, Europe, Latin America, South Africa, the Middle East, and Central, South and South East Asia. In addition we have internationally renowned specialist centres in Post-war Reconstruction and Development, Toleration, and Applied Human Rights. Students are strongly encouraged to get involved with our research centres by attending the many events and public lectures that they organise each year.

In the Department of Politics at York, we pride ourselves on being a close community of students, teachers and researchers. The Department provides an intellectually diverse, international and friendly environment for studying Politics. The University is consistently ranked among the top research institutions in the UK. Social Sciences at York, in which the Department of Politics is located, has been ranked in the top 35 in the world. As well as being international experts in their academic field, Politics staff advise governments and international organisations on a wide range of issues, and contribute regularly to the news media and current affairs programmes throughout the world.

Among our alumni the Department of Politics at York can count former Director-General of the BBC and Chancellor of the University from 2004 to 2015, Greg Dyke, together with the Leader of the House of Commons and Deputy Leader of the Labour Party, Harriet Harman. Several York Politics graduates are sitting members of the House of Commons, and one of our Emeritus Professors, Haleh Afshar, sits as a cross-bench ‘people’s peer’ in the House of Lords.

Our programmes

In addition to the single subject Politics programme and the Politics with International Relations programme, combined degrees are offered with English and History. The Department of Politics also offers combined degrees with Economics and Philosophy through the School of Politics, Economics and Philosophy.
(see page 173) and an interdisciplinary degree with Sociology and Social Policy (see page 187).

As a single subject Politics student you will take 360 credits in Politics (120 credits per year) over the course of your degree programme at York. The marks awarded in the first year assessments do not count towards the final degree classification for Politics.

Combined degree students must take a minimum number of credits in Politics and in your other degree programmes, and these requirements vary depending on the degree combination chosen.

Please note that the modules listed in this prospectus may change; see the Department’s website for the latest details.

What you study
For the School of Social and Political Sciences please see page 187 and for the School of Politics, Economics and Philosophy please see page 173.

Combined and single subject degrees
The first year
The aim of the first year is to acquaint you with the key concepts, theories and approaches in the main areas of the discipline of Politics through four modules:

- Politics, Power and Society
- Introduction to Democratic Politics
- Introduction to Political Theory
- Introduction to International Politics.

Politics, Power and Society provides a broad overview of the discipline, while the other three modules introduce key areas of the discipline in greater depth.

Those studying single subject Politics and Politics with International Relations will take all four of the modules listed above. Combined degree students take Politics, Power and Society and choose one other module. Teaching is provided via a combination of lectures (usually eight per week) and seminars (usually four per week). Academic skills material is embedded in the modules to ensure that the transition to university-level work is as smooth as possible. An extensive system of study and pastoral support at departmental and university level is provided to support students in the transition from school/college or working/family life to university.

The second year
Second year Politics modules cover different approaches to a particular field in the discipline. These modules are designed to cover not only key areas of Politics but also the academic skills necessary to analyse political texts, political systems and processes and international politics. Second year teaching is therefore organised into groups of modules that analyse political texts, political systems and processes and international politics. The precise requirements vary according to the programme students are studying but in all instances guarantee students considerable choice.

Single subject Politics students take the core module Political Enquiry together with three options:

- Political Enquiry
- Two Politics option modules (Text and Process)
- Another option module or an approved module in another department or centre.

Politics with International Relations students take:

- Theories and Perspectives in International Relations
- A further IR-related module
- Another Politics module or an approved module from another department or centre.

Combined degree students take one Political Text option and one Political Process option.

Political Text modules will typically include modules on:

- Contemporary Political Philosophy
- History of Political Thought
The course appealed to me because all aspects of politics are covered, so by the end of your first year you have a complete overview of what politics is. The beauty of the course for me has been learning about conflict and security, and interacting with others, both staff and students, who share that passion. The staff have been extremely helpful throughout my degree and collaborating with them as a course representative and a department representative has been stimulating.”

GIULIA, BA POLITICS WITH INTERNATIONAL RELATIONS, 3RD YEAR
Study abroad

There are opportunities to study abroad for up to a year at a number of prestigious universities including the University of Illinois; the University of Rochester, New York; the University of Pennsylvania; Rutgers, the State University of New Jersey; the University of Sydney; York University, Canada; the National University of Singapore; and the University of Hong Kong. There is also an opportunity to take part in an EU Erasmus exchange programme currently at the University of Bergen, Norway; the University of Konstanz; SciencesPo, Paris; the University of Rome; the University of Barcelona; and the Anglo-American University, Czech Republic. Both ‘study abroad’ schemes allow the transfer of course credits to York, which means that participants graduate no later than those admitted in the same year at York. For further details of partner universities and opportunities to study abroad, please see the Department website.

Assessment

Assessment of Politics modules in the first and second year is by a combination of essays and examinations. Third year option modules are typically assessed by essays and some may include examinations.

Admissions

The decision to make an offer is usually reliant on the UCAS form alone, but some mature applicants may be invited for interview. If you are offered a place you will be invited to visit the Department for a post-offer visit day to meet with members of staff and students. It is not necessary for Politics applicants to have studied Politics as an A level or equivalent subject before coming to the University. However, those applying for the joint degrees in English or History are required to achieve an A at A level in these subjects respectively. The Department does not make offers that include General Studies at A level.

We warmly welcome applications from mature students and the Department’s admissions policy aims to increase the proportion of mature students admitted each year. We would normally expect such candidates to have taken a university Access course or a Foundation degree as part of their preparation for university entrance, and the Admissions Tutor is happy to discuss recommended routes of study for those who have not taken A levels or equivalent qualifications.

Each year the Department of Politics admits a number of undergraduate overseas students who find a welcoming and supporting environment in which to study for up to a year as a visiting student, or to undertake an entire degree programme. Such students are expected to have good English skills (minimum 6.5 IELTS) and a strong academic background. See the section for international students on pages 19–21. For more information about the Department and its programmes visit our website.

WHAT NEXT?

The Department provides a range of services to enhance the skills, employability and careers of our graduates. These include departmental support for placements and work experience, constructing a CV, contacts and guidance from alumni, and a range of important transferable skills in our curriculum. Your personal supervisor will give you guidance on how to develop your employability and skills from the first year onwards. Politics students develop valuable skills and experience through a range of extra-curricular activities, such as working for student newspapers and radio, as well as participating in student societies such as the Politics Society, the International Development Society, the United Nations Association or local community organisations.

Many of our graduates go on to successful careers in industry, the not-for-profit sector, creative and media employment, finance, public administration, education, social welfare and information technology, or decide to pursue higher degree qualifications. Our recent graduates have gone on to follow career paths in areas such as:

- Manager for a housing association
- Journalist for a national newspaper
- PR consultant for a press organisation
- Fundraiser for a charity
- Political risks underwriter assistant for an insurance company
- Parliamentary assistant for the government
### Programmes

<table>
<thead>
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<tr>
<td>Philosophy/Politics (Equal)</td>
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Courses are three-year programmes unless otherwise stated.

### Key facts

**Admissions Tutor:** Monica Brito Vieira  
**Telephone:** +44 (0)1904 323843  
**Website:** [www.york.ac.uk/pep](http://www.york.ac.uk/pep)  
**Email:** pep@york.ac.uk  

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<td>2014</td>
<td>729</td>
<td>125</td>
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</table>

### Typical offers

**MATURE STUDENTS**  
Mature students are welcomed and considered individually.

**A LEVELS**  
*A*AA/AAA for LOVO,  
AAA for LV15, LL12 and VL52

**IB DIPLOMA PROGRAMME**  
37/36 points

**SCOTTISH QUALIFICATIONS**  
AAAAA at Higher level and AA at Advanced Higher level

**BTEC EXTENDED DIPLOMA (QCF)**  
DDD

**OTHER QUALIFICATIONS**  
For details of other acceptable qualifications go to [www.york.ac.uk/admissions](http://www.york.ac.uk/admissions)

### Essential subjects

Mathematics essential for LV15, LL12  
GCSE Mathematics (grade A) required, and Mathematics A level strongly recommended for LOVO

### English as a foreign language

IELTS 6.5 with at least 6.0 in all units

The School of PEP offers uniquely interdisciplinary programmes that give students the flexibility to choose outstanding course modules in three excellent departments.
Studying PEP

Politics, Economics and Philosophy are usually studied in isolation from one another. Historically and intellectually, however, they are closely linked. Aristotle, Hume, Mill and Marx are among those whose thought is important in all three subjects. From different perspectives, the three disciplines explore questions about how human beings live together and cooperate in the production and control of resources such as money, energy, labour and land. These are issues central to society’s concerns as a whole, and to each of us individually. An interdisciplinary degree in these subjects allows the student to confront the real world in all its complexity and diversity with a broad range of intellectual tools and transferable skills.

PEP at York

Since it was founded in 1986, the School of Politics, Economics and Philosophy (PEP) has established a very strong international reputation. The School is not itself a department but exists to co-ordinate combined degrees involving Economics, Philosophy and Politics. We provide integrated degrees in various combinations of these subjects, combining a rigorous training in each area with the flexibility to allow students to pursue their own particular interests. The defining characteristic of the four degree combinations offered is their interdisciplinary nature. Students take at least one of three interdisciplinary modules that explore the relationships between the subjects. These are The Democratic Economy; Rationality, Morality and Economics; and Ethics and Public Policy. They are specially designed and co-taught by experts in the relevant fields. Beyond these, students have a wide range of choice from the programme modules offered by three internationally recognised departments.

Our programmes

The School of PEP offers four degree programmes consisting of 360 credits taken over three years:

- Philosophy, Politics and Economics (PPE)
- Economics and Philosophy
- Economics and Politics
- Philosophy and Politics.

All four programmes require a certain number of modules to be taken in each of the disciplines, but beyond this students have the freedom, particularly in the third year, to weight their degrees towards particular subjects. One student may choose a closely related group of modules within the general theme of, say, Political and Moral Philosophy, while another might choose a more diverse programme including, for example, modules on Life and Death, International Economics and Green Politics.

What you study

Stage 1: the first year

Students have to pass the Year 1 programme in order to progress to Stage 2. However, marks obtained during the first year do not contribute to the final degree classification.

Philosophy, Politics and Economics (PPE)

Students take introductory modules in Economics and acquire knowledge of mathematical techniques necessary.
for advanced study of the discipline. In Politics students choose introductory modules from Politics, Power and Society; International Politics; Political Theory; and Democratic Politics. Philosophy offers introductory modules on Ethics; Knowledge and Perception; Reason and Argument; and Beginning Philosophy.

Students can also choose an interdisciplinary module, Topics in PPE. Those PPE students with A level Mathematics (or equivalent) can take a pathway that, in addition to modules in Economics and Mathematics, includes introductory modules in Probability and Statistics, which prepares students for a wider range of Economics options later in their degree.

Economics and Philosophy
Students take an introductory module in Economics together with modules concentrating upon the mathematical and statistical skills necessary for advanced study of the discipline. Philosophy offers introductory modules on Ethics; Knowledge and Perception; Reason and Argument; and both Ancient and Early Modern Philosophy.

Economics and Politics
Students take an introductory module in Economics together with modules concentrating upon the mathematical and statistical skills necessary for advanced study of the discipline. In Politics students choose introductory modules from Politics, Power and Society; International Politics; Political Theory; and Democratic Politics.

Philosophy and Politics
 Philosophy offers introductory modules on Ethics; Knowledge and Perception; Reason and Argument; and both Ancient and Early Modern Philosophy. In Politics students choose introductory modules from Politics, Power and Society; International Politics; Political Theory; and Democratic Politics.

Stages 2 and 3: the second and third years
A student’s final degree classification is determined on the basis of the 240 credits taken in the second and third years. Stage 2 and 3 requirements differ somewhat between the four degrees but they share a common general structure. For the tripartite Philosophy, Politics and Economics degree, a student is required to take modules to the value of 50–80 credits in each of the three subjects (depending on the route they have chosen) and, additionally, at least one of the three interdisciplinary modules provided within the School. For the bipartite degrees a student is required to take modules to the value of 80–100 credits in each subject, together with the relevant interdisciplinary module. Students can then take additional modules from the relevant departments to make up 240 credits, tailoring their degree according to their interests.

Philosophy, Politics and Economics
In the second year PPE students take a minimum of 30 credits in each of Philosophy and Politics and either 40 or 60 credits in Economics, depending on the route they have chosen. In Economics there are compulsory core modules, but in Philosophy and Politics students can select modules from a wide range of options. In the third year students must take at least one module in each subject together with one of the three interdisciplinary modules (The Democratic Economy; Rationality, Morality and Economics; or Ethics and Public Policy). Beyond this, students are free to choose from any of the three disciplines to make up the balance of the degree.

Economics and Politics
In the second year Economics and Politics students take an equal number of credits in both subjects. In Economics students take compulsory modules but in Politics they choose modules from a wide range of options. In the third year students must take at least 40 credits in each subject together with the interdisciplinary module, The Democratic Economy. Beyond this, students are free to choose modules from either discipline to make up the balance of the degree.

Economics and Philosophy
In the second year Economics and Philosophy students take an equal number of credits in both subjects. In Economics students take compulsory modules but in Philosophy students choose modules from a wide range of options. In the third year students are

“I wanted to study Philosophy, Politics and Economics because I love how varied the course is – I am constantly confronting issues which push the boundaries of my beliefs. Studying Human Rights and Wrongs in a Globalised World has motivated me to pursue a career in human rights and development. The Club of PEP, a student-run society, reinforces a strong academic and social community, even hosting trips to cities including Berlin and Amsterdam. The staff are passionate about their work and always happy to help.”

HAYDN, BA PHILOSOPHY, POLITICS AND ECONOMICS, 3RD YEAR
required to take at least 40 credits in each subject, together with the Rationality, Morality and Economics interdisciplinary module. Beyond this, students are free to choose from either discipline to make up the balance of the degree.

Philosophy and Politics
In the second and third years, Philosophy and Politics students must take at least 40 credits in each subject, choosing from a wide range of options. In the third year, they also take the Ethics and Public Policy interdisciplinary module.

Teaching and learning
Coursework is normally centred around weekly seminars and tutorials containing between 10 and 16 students. In these meetings you will produce and discuss your own work, under the guidance of a programme tutor. Seminars are normally accompanied by lectures, given simultaneously to all of the students taking the programme.

The School prides itself on the friendliness of its staff and on the support that it provides for its students. Lecturers, seminar tutors and your supervisor will all help you to get the most out of the programme and, in particular, to understand the importance of interdisciplinary study.

Study abroad
Students from the School of PEP are eligible to participate in the University’s overseas exchange programme, which provides opportunities to spend a year at universities in North America (USA and Canada), Asia (Singapore, Japan and Hong Kong), South Africa and Australia. The period abroad replaces the second year at York, and credits taken in the partner institution count towards the York degree.

Assessment
Students are assessed by a variety of methods including unseen examination papers and long essays. Assessments occur in each of the three years of study.

Admissions
The selection procedure is normally on the basis of the UCAS form alone, but some candidates may be invited for interview. If you are offered a place you will be invited to visit the University on a visit day during the Spring Term, so that you may talk to members of staff and students.

The School of PEP welcomes applications from candidates with backgrounds in any set of disciplines, and it is not necessary for you to have studied Economics, Philosophy or Politics. However, where a candidate is taking A levels or equivalent in both Economics and Business Studies then only one will be accepted. For those taking A levels, we do not normally accept General Studies. We require Mathematics A level (or equivalent) for Economics and Philosophy, and Economics and Politics. We do not require Mathematics A level for PPE, but we strongly encourage it. We require only GCSE Mathematics (grade A) or equivalent, but PPE applicants should certainly have sufficient interest in, and aptitude for, mathematics to cope with the mathematical elements of the course, particularly in Economics where it is useful to have learnt the basics of differentiation before starting your university course. We do not require Mathematics A level for the Philosophy and Politics degree.

WHAT NEXT?
A degree from the School of PEP is a good passport into a wide range of careers. Some graduates apply their specialist skills and knowledge directly as economists, statisticians or even politicians. But the PEP degrees are not primarily vocational. They provide training in the development of analytical skills, clarity of thought and an understanding of the complexities of social, political and economic life. Employers look for graduates with precisely these qualities. Thus our students have found employment in central and local government and private industry. They have become managers in banking, stockbroking, insurance, advertising and community work. Others have entered the creative arts and the media as journalists, film editors and publishers. Many graduates also go on to further study, either for higher degrees or for training in professional fields such as teaching, law, accountancy, finance and social work. Our recent graduates have followed career paths in areas including:

- Educational assistant for a charity
- Business consulting analyst for a multinational bank
- Accountant for a local council
- Broadcast journalist for a radio station
- Fast streamer for the Civil Service
- Campaigns intern for a political party
Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>UCAS</th>
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<tbody>
<tr>
<td>BSc Psychology</td>
<td>C800 BSc/Psy</td>
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<tr>
<td>MPsych Psychology (4 year)</td>
<td>C801 MPsy</td>
</tr>
<tr>
<td>Natural Sciences – see page 147</td>
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</tbody>
</table>

Courses are three-year programmes unless otherwise stated.

Key facts

Admissions Tutor: Dr Rob Jenkins
Telephone: +44 (0)1904 323190
Website: www.york.ac.uk/psychology
Email: admissions@psychology.york.ac.uk

2014 Applications: 1,267
2014 Admissions: 224

Typical offers

MATURE STUDENTS
Mature students are welcomed and considered individually

A LEVELS
AAA/AAB

INTERNATIONAL BACCALAUREATE
36/35 points including one Higher level in a science subject

SCOTTISH QUALIFICATIONS
AAAAA/AAAAB at Higher and AA/AB at Advanced Higher level

BTEC EXTENDED DIPLOMA (QCF)
DDD

OTHER QUALIFICATIONS
For details of other acceptable qualifications go to www.york.ac.uk/admissions

Essential subjects

At least one science subject, which may include Psychology and Mathematics

GCSE Mathematics or Statistics grade B is usually required

English as a foreign language

IELTS 6.5 with at least 6.0 in all units

“The Psychology programme at York not only gives you a broad understanding of psychology as a whole, but also equips you with the skills for a postgraduate career. In the third year you discuss current research, as well as undertaking a research project yourself. For my project I am using brain imaging to investigate the perception of familiar faces, which would not be possible at many other universities”

Psychology undergraduate
Studying Psychology

Psychology is a very broad subject, covering areas of interest from the neural wiring of the brain to non-verbal communication; from understanding visual illusions to mental disorders and the effects of brain injury on behaviour. What unifies these disparate areas at York is the belief that psychology should be a rigorous experimental science.

Psychology at York

York has one of the very best Psychology departments in the country. The Research Excellence Framework, which assesses all UK Higher Education Institutions, ranked the Department fourth for overall performance and second for research outputs in 2014. We have also scored highly in the National Student Survey.

Over the past three years, over 90 per cent of our students have graduated with a First or upper second class degree. The Department occupies modern purpose-built accommodation with our own large computer-based laboratory, a large lecture theatre, several seminar rooms and test cubicles. This means all our teaching takes place in our own building.

Our undergraduates have access to first-class research facilities. These include the Sleep Lab, the multimodal Action Perception Lab, the Spatial Hearing Lab and sound-attenuating booths, as well as facilities for testing children and measuring eye movements and other aspects of perceptual and cognitive function. The Department’s Neuroimaging Centre (YNiC) houses a 3-Tesla MRI scanner for functional magnetic resonance imaging (fMRI), a 248-channel magnetometer for whole head magnetoencephalography (MEG), transcranial magnetic stimulation (TMS) and 96-channel electroencephalography (EEG).

Our programmes

We offer a three-year BSc degree programme and a four-year MPsych degree programme. We do not offer combined degrees. Our aim is to give an overall coverage of psychology as an experimental science. Both the BSc and the MPsych programmes are accredited by the British Psychological Society as conferring eligibility for graduate membership of the Society with the Graduate Basis for Registration. This is the first step towards becoming a Chartered Psychologist.

The aim of our programmes is to lead students to an understanding of the substance of psychology, with emphasis on the empirical study of mind, brain and behaviour. Students on the course will develop a range of skills based on an understanding of the methods of scientific psychology, including hypothesis testing, data analysis, and the critical evaluation of empirical findings. This will lead to acquisition of a range of more general skills in problem solving and effective communication, facilitating access to a broad range of educational and employment opportunities after graduation.

What you study

The BSc and MPsych programmes make similar intellectual demands on students, but the MPsych is more research-intensive and is relevant to a wide range of professions. The first two years are common to the two programmes. They consist of five strands. Together these strands give a broad coverage of the main areas of Psychology as taught at York. In the first year, although these strands are examined, the marks do

“...The Psychology degree at York appealed to me because of its British Psychological Society accreditation and the career opportunities this brings. The Department facilities are modern and very impressive, which makes York stand out. I loved our biological and abnormal psychology modules, and especially enjoyed volunteering as a research assistant in a short-term memory investigation. The Department staff are very friendly and approachable, and their enthusiasm for their subject really sets Psychology at York apart.”

AMY, BSc PSYCHOLOGY, 2ND YEAR

178 Psychology
Our graduates are literate, numerate, analytical and articulate, which makes them particularly versatile in the employment market.

Brain and Behaviour. This strand examines the structure and function of the brain as it affects behaviour. It focuses on how animal research, the effects of brain injury and the latest neuroimaging techniques can be used to explain the brain processes that underpin behaviour and cognition.

Perception and Cognition. This strand discusses the processes through which our senses gain and interpret information about our world. The strand describes in detail how information from our major senses passes to the brain for further processing. Cognitive psychology concerns the underlying nature of human intellectual abilities such as attention, thinking and memory.

Development and Language. This strand focuses on how infants and children learn to perceive and interpret objects in the outside world, how they acquire language and how they learn to reason logically. It also explores abnormalities of development and how development can be affected by deprivation.

Social, Personality and Abnormal Psychology. This strand covers core themes of the social human being: verbal and non-verbal communication, attitudes, groups and inter-group relations, personal relationships, aggression and co-operation. Personality focuses on the nature and origin of individual differences, sex differences and normal and abnormal personality development. The clinical aspect of this strand examines the causes of mental illness and their interpretation as a breakdown or malfunction of normal mental and physiological processes.

Research Methods in Psychology. This strand provides students with the practical skills in experimental design, methodology and data analysis needed for the programme. Practical classes linked to the other strands furnish the student with hands-on experience in all aspects of psychology as an experimental science.

The third year is when the BSc and MPsych programmes differ. The BSc includes advanced modules, a literature review and a research project. The MPsych offers one of three specialisations to be taken during both the third and fourth years: Neuroscience and Neuroimaging; Developmental Disorders; and Experimental, Cognitive and Social Psychology. The MPsych also includes an extended research project and training in transferable skills. The advanced modules offered to both BSc and MPsych candidates can change from year to year but recent modules include:

- The Cognitive Psychology of Sleep
- Developmental Disorders
- Issues in Clinical Psychology
- Face Perception
- Origins of Human Personality
- Psychology of Will.

The literature review in your third year requires researching a clearly defined area of study of your choice. Recent examples include:

- The effect of child abuse on self-esteem
- Sensation seeking and risky sport
- The critical period hypothesis in second language acquisition
- Do environmental factors lead to late-onset Alzheimer’s disease?
- The effect of birth order on personality development
- The relationship between eating disorders and superficial self-harm.
The research project is the single most important component of both the BSc and the MPsych degrees and requires you to conduct and write up an original piece of research, working closely under the supervision of a member of staff. Students have access to all the sophisticated research facilities of the Department. Recent projects have investigated a wide range of topics, for example:

- ‘Boredom eating’ as a possible cause of obesity
- The neural basis of face perception
- fMRI assessment of simulated visual loss seen in glaucoma
- The relationship between social class and expressive language in primary school children
- The effects of albinism on social behaviour in a captive population of wallabies
- English and Mandarin speakers’ perception of time.

Each year several of the best undergraduate projects are published in mainstream scientific journals.

Further example titles of recent literature reviews and research projects can be found on the Department’s web pages.

Assessment

In Year 1 the marks from your examinations do not contribute to the final degree class. In the second year examinations contribute to the final degree mark. Assessed coursework in the form of assessed essays and practicals provides valuable feedback in Year 1 and contributes to the final degree mark in Year 2. Year 3 (and Year 4, for the MPsych) assessments of the advanced modules, the literature survey and the research project contribute to the final degree mark.

Admissions

Both our BSc and MPsych programmes are likely to be of most interest to applicants from a science background. One A level or equivalent should be in a science discipline, which may include Psychology and Mathematics. General Studies is not normally an accepted A level. You are normally expected to possess at least B in GCSE or equivalent Mathematics or Statistics. Mature students or candidates with unusual qualifications should not feel inhibited about applying. Your applications will receive full consideration and are at neither an advantage nor a disadvantage. A decision about whether an application merits the offer of a place is taken primarily on the basis of the information given on the UCAS form. Applicants are not interviewed. If you are offered a place you will be invited to an Open Day to see the Department, meet staff and students, and look around the University.

WHAT NEXT?

In recent years, many Psychology graduates have chosen to continue their academic studies and have been successful in pursuing higher degree courses at universities in the UK and USA. Increasingly our graduates are going on to postgraduate Masters degree programmes such as our successful MSc programmes in Cognitive Neuroscience, Applied Forensic Psychology and Reading, Language and Cognition. Some of our graduates will go on to become professional psychologists in the academic world or in applied areas, such as clinical or occupational psychology. A proportion of the graduates entering teacher training may also become professional educational psychologists when they have had a period of practical teaching experience.

However, the majority of our Psychology graduates will use the variety of skills developed through the degree programme in other fields of employment more or less related to psychology. The combination of scientific and communication skills ensures that our graduates are literate, numerate, analytical and articulate. They are able to apply these skills in a wide range of careers in subject-focused areas such as clinical psychology, neuroscience and teaching, as well as in the more general areas of management services, the financial world and marketing. It is the mix of high academic achievement and work-related skills that makes our Psychology graduates particularly versatile in a wide range of graduate job markets, including:

- Assistant clinical psychologist in the NHS
- Research associate in a professional services firm
- Training psychological well-being practitioner in the NHS
- Statistical officer in a government department
- University researcher
- Mental health recovery worker for a mental health awareness organisation
We offer a wide range of degree programmes in Applied Social Science, Social Policy and Social Work. All share a common concern with analysing the most pressing social issues of the contemporary world and understanding how we can use social scientific knowledge to tackle social injustice.
Studying Applied Social Science, Social Policy or Social Work

If you are interested in current social problems and are intrigued by finding solutions to them, if you are concerned to make a difference or to have a positive impact on people’s lives, then one of our degrees could be just what you are looking for.

Students of Applied Social Science and Social Policy focus on understanding the impact social problems can have on people’s well-being and on wider society. You will draw on ideas from across the social sciences including sociology, social policy, politics and social psychology to address practical and theoretical questions about the nature of modern society.

Students of Social Work learn about the effects of disadvantage and oppression and how to put that knowledge and understanding into practice to effect positive change in people’s lives. At the same time as studying for your degree, you will train for a professional qualification in social work, gaining the knowledge, understanding and skills needed for professional practice.

Our programmes

Our BA (Hons) degree programmes are arranged into three distinct streams biased towards different interests and career pathways: Applied Social Science, Social Policy and Social Work. We also deliver two cross-departmental programmes – Criminology and Social and Political Sciences.

Applied Social Science

Three Applied Social Science programmes are offered:
- Applied Social Science
- Applied Social Science – Children and Young People

The Applied Social Science degree provides a broad introduction and maximum flexibility in module choices for students who want to keep all their options open, or are undecided about what areas in social science they might like to focus on. The two specified pathway degrees in Children and Young People or Crime and Criminal Justice enable you to specialise more in these areas and undertake a placement, and also provide flexibility over module choices.

Social Policy

The Social Policy degree addresses major social and political debates but approaches these from an applied perspective. It is aimed at those who want to develop in-depth understanding of key policy debates and explore how policy problems might be addressed.

Social Work

The Social Work degree offers a specified programme of study leading to a professional qualification in social work, for those who wish to pursue careers as social workers. The programme is accredited by the Health and Care Professions Council (HCPC), which is the professional body for social work. A core element of the degree is the two placements undertaken with local statutory and voluntary agencies. The programme has a strong focus on practice and learning from practice, and is delivered by the...
Lecturers are accomplished academics and researchers who are engaged in the examination of real-world social problems.

**What you study**

Full details of our programmes – including a list of the option choices we provide – can be found on our website. Here we offer a brief overview of our programmes.

**Applied Social Science**

The degrees in Applied Social Science provide you with a firm grounding in key theoretical concepts found in the core social sciences. You will research and analyse issues such as how social divisions of class, race, sexuality, gender, age and disability are perpetuated or alleviated and debate how social needs can be met in sensitive, efficient and effective ways.

In modules related to Children and Young People, you will apply knowledge from social science to improve your understanding of children and young people’s lives. This understanding can be applied to address policies for children and young people both at home and abroad at a time when services for children and young people are receiving unrivalled attention.

In modules related to Crime and Criminal Justice, you will learn about crime as a topic of enquiry and about the connections between crime, societal responses to crime and policy solutions. For instance, drug misuse is not just an issue for law and the criminal justice system, but also for families, schools and healthcare services.

**Social Policy**

The degree in Social Policy also provides a firm grounding in key theoretical concepts in the core social sciences but with an emphasis on policy-related questions. You will debate how governments might better tackle social inequalities, social division and social problems and where they should tackle social injustices or address unmet social needs.

You will therefore study aspects of sociology, politics, social theory and economics and learn how to draw on these subjects to apply their particular perspectives to analyse policy problems.

You will also learn about the process of policymaking, the constraints imposed globally and nationally on finding policy solutions, and how policies borrowed from other countries may or may not work. You will engage with a mix of social theory and be invited to explore your own policy solutions for problems in the real world.

**Social Work**

The degree in Social Work offers a highly respected social work training programme which is based on three overarching themes:

- Knowledge for Social Work
- Contexts for Social Work

You will undertake modules which will develop your understanding of the impact of social inequalities on individuals, families and collectives; social inclusion; research-based social work theory; legislation and policy that guides social work practice; the morals and ethics that apply to social work; and the nature of social work practice with different service users and in different contexts, for example in the fields of mental health, physical health, disability, youth justice and child care.

You will undertake two placements during the degree; these are central elements of the degree and form the basis of much of the learning, especially in terms of the application of theory and knowledge to practice. In your final year, you will be able to opt for one of four specialist subjects: children and family; health and disability; mental health; or youth social work.
Criminology
The Criminology degree offers a distinctive programme focusing on the social, economic and cultural aspects of crime and justice. After a core introduction to the subject, you will have flexibility to tailor your degree to specialist interests in this field. In the first year you will be introduced to social, political and policy-based approaches to crime and criminal justice. In the second year you will develop an understanding of how social, cultural and policy changes shape criminal activities. In the third year you can explore your own interests through option modules and a dissertation while developing more specialised knowledge in the theory of crime. You will graduate with a highly developed knowledge of our criminal justice system and the social, cultural, economic and psychological causes of crime.

Social and Political Sciences
The Social and Political Sciences degree is an interdisciplinary programme delivered in collaboration with the Departments of Politics and Sociology through the School of Social and Political Sciences. For information about it see page 187.

Applied Social Science and Social Policy (Extended Degree)
This is a four-year programme with the extended element being a first year that delivers teaching at HE Foundation level. The Foundation Year prepares you to progress to the first year of one of our BA (Hons) degrees in Social Policy or Applied Social Science. Progression is guaranteed on successful completion of the Foundation Year. For more information check our web page links to ‘Extended Degrees’.

“When I visited York it just clicked. The course structure, variety of modules and emphasis on group work all appealed to me. In our Ethics and Values and Law modules I’ve enjoyed learning about the legislation and guidelines that will govern our role as social workers. I found my work experience relevant and transferable to the course, empowering me further to assist and support service users, something I find both very rewarding and inspirational. The departmental staff have been very approachable, friendly, and helpful. Their knowledge base and experience is vast, so I feel in very capable hands.”

PHIL, BA SOCIAL WORK, 1ST YEAR

Teaching and learning
For students undertaking the Applied Social Sciences and Social Policy degrees, we use a range of teaching and learning strategies across our modules. In the first year, these include lectures that are supplemented with dedicated seminar and workshop activities, allowing you to extend and deepen your understanding in smaller group settings. You will be supported in developing your writing skills, in referencing and in critical analysis. You will also learn how to conduct your own research projects.

Across the modules in all years you will be working in small groups to provide presentations and poster displays, discussions, online debate and role-play exercises. Occasionally, optional field trips are offered on some modules. In the final year students are given one-to-one teaching support for their dissertations. In the third year you can undertake a placement in a workplace setting for which you are supported with a range of workshops; you will receive follow-up support while there. Students can choose the area to work in.

For students studying Social Work there are workshops, seminars and lectures led by academic staff, practitioners, service users and researchers. The involvement of practitioners and service users from our partner agencies is an important aspect of the teaching, and provides students with further insights into current issues and practice ideas. You will develop the skills needed to learn in a small peer group context, and to study and learn independently. You will also acquire the skills to be effective practitioners in a range of settings. To this end, you will be supervised while on placement by a practitioner with the knowledge and skills relevant to your practice setting.

For a full description of our modules please visit our website.
Study abroad
The Erasmus scheme supports students to study abroad in the first term of their third year for around four months. It provides an excellent opportunity for study overseas.

Placement opportunities
A feature of all programmes taught solely within the Department is that they offer placement opportunities which are a core part of the programme for the Applied Social Science – Children and Young People, Applied Social Science – Crime and Criminal Justice and the Social Work degrees. Students reading for the Applied Social Science or Social Policy degree can take a placement as one of their option choices.

In applying academic knowledge to the workplace, placements enhance the employability of our graduates and can lead directly to job opportunities after graduation. Most placements are undertaken within the UK, but some students combine travel with work, and recent students have secured placements in a diverse range of countries including Australia, France, Pakistan, Peru and Uganda.

Assessment
For all our degree programmes, academic work is continually assessed by coursework (essays, dissertation, presentations, reports) and by some examinations. The class of degree you obtain is based on results in the second and third years only (though students must meet progression requirements in the first year). This allows you time in the first year to settle into studying at higher education level and to improve your academic skills.

The range of techniques used for continuous assessment enables all students to acquire skills in writing to different briefs. You will acquire an appreciation of how your developing academic skills – identifying, collecting and evaluating evidence in a rigorous and systematic manner – can be applied in settings outside the university context.

In the case of Social Work, your performance on placements will also be assessed and, though it will not count towards the classification of your degree, you must pass placements in order to pass the degree.

Bursaries
Funding information will be available on our website once the arrangements have been finalised.

Global perspectives
Our degree programmes encourage you to consider the way that decisions made in one part of the world may impact upon national policy and practice in another.

The field of international, comparative and global social science is one of our specialist areas in the Department. An appreciation of the relationship between national and international agendas, particularly explored in our Applied Social Science and Social Policy degree programmes, will enrich your knowledge of the subject and your understanding of how theory relates to real-world situations.

Admissions
We aim to be as inclusive as possible in our selection criteria. If you wish to apply to study for a programme in Applied Social Science or Social Policy, we accept a broad range of qualifications including vocational training. We do not expect you to have any particular subject knowledge and each applicant is considered on an individual basis. Similarly for Social Work applicants, we accept a range of qualifications including A levels, BTEC National Diploma, Accredited Access and NVQ Level 4. For mature applicants, we normally expect that you will have had some recent successful experience of study at Level 3 or equivalent. For information on other qualifications we accept, please contact one of our Admissions Tutors whose contact details are given on page 181.

While there is no formal experience requirement for Social Work, preference...
will be given to candidates who have some relevant voluntary, paid or everyday experience in a ‘helping’ role. To be accepted on to the Social Work degree, students are required to undergo a check with the Disclosure and Barring Service (DBS), and to make a satisfactory health declaration. Having either a criminal conviction or a health condition is not an automatic bar to entry but failure to disclose relevant information may result subsequently in termination of training. Admission to the Social Work programme is by an interview. Interviews take place from December to March.

The Department particularly welcomes students from a range of backgrounds. For those following less traditional routes to HE such as mature students or others wanting to study after periods of employment and/or caring for family members, we offer a specialist route to study a BA, the Extended Degree in Applied Social Science and Social Policy (see page 184).

WHAT NEXT?

All students are encouraged, irrespective of their degree, to reflect upon their own personal development. This is done through the University’s Development Plan Initiative where the student liaises with their personal supervisor to identify existing skills and address any gaps. This can form a useful preliminary exercise in identifying possible career options and can enhance subsequent career applications.

The Applied Social Science stream as a whole is particularly suited to those who wish to pursue careers in public service professions. Depending upon the blend of modules you have chosen, you will be well equipped to follow any of the career opportunities described for the specialist pathways below. Graduates of the Children and Young People pathway will find that there are increasingly jobs in local government commissioning services. Our graduates have gone on to traineeships in the big children’s charities or in youth support services. Others have followed a research career or undertaken further training in primary school teaching, specialist social work or mental health services. Graduates of the Crime and Criminal Justice pathway will have opportunities to work in services related to the police, probation, prisons, youth justice or the broad range of voluntary organisations involved with offenders and victims. Postgraduate opportunities in Youth Diploma, Social Work and Law Conversion are also available to our graduates.

Graduates of Social Policy will have specialist knowledge of the policymaking process as well as a range of critical analysis and research skills. This stream will particularly suit those who wish to pursue careers as policy advisers, policy analysts, researchers, campaigners or civil servants. Past graduates have also become local government officers and hospital administrators or followed postgraduate study options.

For graduates of Social Work the current demand for professionally qualified social workers is strong and employment prospects are good in both the statutory and voluntary sectors. Given the quality of training at York, you will be well placed in terms of future employment opportunities. Our recent graduates have followed career paths in areas including:

- Welfare and reform research assistant for a housing association
- Investigating officer for the police
- Family support worker for a local council
- Community engagement and communications officer for an NGO
- Young people practitioner for a drug and alcohol support service
- Crisis worker for a victim support organisation
School of Social and Political Sciences

Programmes

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<tbody>
<tr>
<td>Social and Political Sciences with Philosophy</td>
<td>LL2V BA/SPSWP</td>
</tr>
</tbody>
</table>

Courses are three-year programmes unless otherwise stated

Key facts

Admissions Tutor: Dr Gareth Millington
Telephone: +44 (0)1904 323058
Website: www.york.ac.uk/sps
Email: sspswp@york.ac.uk

2014 Applications 97
2014 Admissions 33

Typical offers

MATURE STUDENTS
Mature students are welcomed and considered individually

A LEVELS
AAB

IB DIPLOMA PROGRAMME
35 points

SCOTTISH QUALIFICATIONS
AAAAB at Higher level and AB at Advanced Higher level

BTEC EXTENDED DIPLOMA (QCF)
DDD

OTHER QUALIFICATIONS
For details of other acceptable qualifications go to www.york.ac.uk/admissions

English as a foreign language

IELTS 6.5 with at least 5.5 in all units

The School of SPS offers a distinctive interdisciplinary programme that enables students to personalise their studies from a wide range of modules provided by the three outstanding Departments of Politics, Social Policy and Social Work, and Sociology
Studying Social and Political Sciences

Tackling issues such as globalisation, poverty, democratic governance, climate change, conflict, migration, peace, protest, development, human rights, the impact of new media, cultural identity and change, consumerism and the like, this programme invites students to confront the complexities of the contemporary world with the analytic tools of the social and political sciences. By enabling students to study an integrated combination of Politics, Sociology and Social Policy, the BA in Social and Political Sciences offers an opportunity to develop the critical understanding and skills which are increasingly being demanded by policymakers, business, academia and the voluntary sector worldwide. It is designed for students who wish to engage seriously with some of the most pressing contemporary social and political challenges facing humanity and have a desire to contribute to their resolution.

In becoming a student on the BA (Hons) in Social and Political Sciences (SPS) you are joining an academic community. This band of fellow students, lecturers, tutors and administrators will, during your time at York, become an important social network providing you with mutually advantageous pedagogic support and intellectual stimulation. Throughout the course this community will offer you a high trust learning experience where you are free to develop your ideas and their means of expression in a supportive environment. Places on the programme in Social and Political Sciences are deliberately limited to maintain the close relations among the peer group of students in the School.

Such an enormously valuable educational and social network requires a high level of reciprocity on the part of its members if each individual is to benefit from the combined cultural capital provided by all. This is why we jointly contract to provide a high level of commitment to attend lectures and classes, to be well prepared for discussions, and to demonstrate respect for the value of each other’s contributions. The SPS ethos is therefore directed towards the successful attainment of both a fulfilling individual and collaborative learning experience.

The first cohort of students on the programme launched the Social and Political Sciences Society to promote the intellectual and social life of the School. The SPS Society organises social events, careers talks and guest speakers to enhance the student experience in the School.

“I’m interested in policies, international relations, sociology and politics, and SPS at York offers all these. Staff really prioritise ensuring students get the most out of themselves. Seminars combine the study of political history with current affairs and are a great way of considering different opinions, which is what politics is all about. My optional modules this year, Contemporary Political Sociology, War and Peace, and Citizenship, Difference and Inequality, focus on my particular interests. Simulating real-world proceedings in the Model United Nations Society has been a valuable way of understanding real political interactions.”

CAT, BA SOCIAL AND POLITICAL SCIENCES, 2ND YEAR

Social and Political Sciences at York

The School of SPS is a collaboration between the Departments of Politics, Social Policy and Social Work, and Sociology. The School exists to co-ordinate the BA (Hons) in Social and Political Sciences taught jointly by the three departments, and bring together academics in related fields of research in the three departments. Interdisciplinary research in the School focuses on areas such as:

- Culture and Identity
- Environmental Policy
- Science and Technology Studies
- Social Media and Communication
- Urban Sociology and Criminology
- Women’s Studies.

In all of these areas researchers from the three departments and associated research units collaborate in interdisciplinary research. This interdisciplinary focus of research in the School of Social and Political Science complements the disciplinary research conducted at York within the three departments.

The School hosts the annual Social and Political Sciences public lecture. The inaugural lecture in the series was delivered in 2011 by Baroness Helena Kennedy QC.

Our programme

At York we offer a three-year programme leading to the award of BA (Hons) in Social and Political Sciences.

The defining characteristic of the programme is its interdisciplinary nature. After a strong grounding in the three disciplines, students take more specialised modules in the second and third year. Beyond these students have a wide range of programme modules across all three departments which to construct a personal portfolio that matches their interests and career aspirations.

Some students will choose to concentrate on a closely related set of modules from the three departments, for instance on identities and inequalities, urban studies, or environmental policy and sustainability, while others may choose to be eclectic in their selection.
What you study

The first year programme in SPS is a broad social science curriculum aimed at providing students with a strong foundation in the study of Sociology, Politics and Social Policy. The first year programme also allows students to develop the academic skills necessary for study at university level through lectures and student tasks embedded in the core modules.

Students take a year-long introductory module in each of the three departments:

- Politics, Power and Society
- Introduction to Sociological Theory OR Cultivating a Sociological Imagination
- Introducing Social Policy.

Students then choose a fourth module from one of the departments. The list of first year option modules offered in the three departments will typically include:

- Cultivating a Sociological Imagination OR Introduction to Sociological Theory
- Ways of Knowing in Social Policy
- Introduction to Political Theory
- Introduction to Democratic Politics
- Introduction to International Politics
- Introducing Social Psychology
- Sociology of Crime and Deviance.

The second year

The second year curriculum is based on an interdisciplinary core and the flexibility for students to choose option modules from across the three departments. Students can also take an approved module from another department or interdisciplinary centre. SPS students take Social Research Methods and choose from three options from the host departments. See www.york.ac.uk/sps for further details.

The core module provides students with an understanding of the key methods of social scientific enquiry and their relationship to research practices. Students will have the opportunity to engage with current social scientific accounts of the challenges and prospects for democratic governance in late modern societies and appreciate such cultural change and social restructuring by reference to classical and contemporary theories of power, statehood and social structure. Social Research Methods provides students with an understanding of the philosophical and theoretical underpinnings of social and political research, while allowing them to gain a ‘hands on’ experience of both qualitative and quantitative methods.

The third year

The final year is based on a core interdisciplinary Contemporary Issues in Social and Political Sciences module and a wide range of 20-credit option modules from the three departments. Students also take a 40-credit dissertation which allows them to engage in independent research in the social and political sciences. In the third year SPS students take:

- Contemporary Issues in Social and Political Science (20 credits, core)
- Dissertation (40 credits, core)
- Three option modules (20 credits).

See www.york.ac.uk/sps for further details.

The broad range of option modules available allows students to specialise on more academic or applied social sciences modules or combine them in packages focused around themes of interest to more than one discipline, for example social media and contemporary culture; health; poverty and welfare; human rights and development; and identities, diversity and equality.

Our new pathway with Philosophy

Students who are interested in having further choice can opt for our new Social and Political Sciences with Philosophy degree. Students are expected to choose from a range of philosophy modules in each of their three years of study.

Teaching and learning

Coursework is normally centred on lectures plus seminars and/or workshop
activities allowing you to extend and deepen your understanding in smaller group settings. In these meetings you will present and discuss your own work, under the guidance of a course tutor.

In the second and third year you may undertake a placement out of term time in a workplace setting that will help you gain deeper insights into a particular issue or problem. You will be supported with a range of workshops that will help with developing skills for advanced further study or graduate employment. Students may choose the area in which they wish to work.

**Study abroad**

There are opportunities to study abroad for up to a year through the University’s exchange programme at universities in North America, Asia, South Africa and Australia, or to take part in an Erasmus exchange programme with universities in Europe. The three departments currently have Erasmus links with Norway, Denmark, Finland, The Netherlands and Germany, and other links may be added to these. Both study abroad schemes allow the transfer of course credits to York, which means that participants graduate no later than those admitted in the same year at York.

**Assessment**

Assessment of course modules throughout the programme will be a mixture of essays, examinations and online exercises designed to meet the appropriate learning objectives. The first year provides an assessment of the skills and understanding necessary to successfully complete the degree. During their second and final years, assessment continues to provide the student with the essential and timely feedback on their performances required for intellectual development.

**Admissions**

The decision to make an offer is usually reliant on the UCAS form alone. If you are offered a place you will be invited to visit the School of SPS during the Spring Term in order to meet with members of staff and students from the three departments. It is not necessary for prospective students to have studied social sciences prior to commencing the programme and we will consider a wide range of subjects as appropriate for the programme.

The School of Social and Political Sciences is committed to widening access and our selection process takes account of a range of educational, social, health and other personal disadvantages. We are also interested in encouraging applications from mature students and students from other countries who through their range of experiences we believe make a valuable contribution to the learning and social aspects of the School and are accordingly most welcome.

**WHAT NEXT?**

Students who take the programme in Social and Political Sciences become part of a group of departments and a university that have international reputations for excellence in teaching and research. The approach taken to the teaching and learning in the social and political sciences at York means that graduates are well equipped to pursue careers in a wide variety of graduate jobs in the public, voluntary and private sectors. The student experience at York is rich in transferable skills that will be of value when you leave. The intellectual and problem-solving skills associated with research and the analysis of complex ideas, arguments and theories, the capacity to present clear and succinct reports, plus such practical skills as time management, study discipline and group work, provide a firm foundation on which to base career development. Our graduates go on to careers in finance, management and public administration, as well as careers in applied social research in both the public and private sectors. The degree provides a strong foundation for postgraduate study and research in a wide variety of specialist areas of the social and political sciences. Students are also likely to take conversion courses for law and teaching and many will go on to work for international organisations. Our recent graduates have followed career paths in areas including:

- Analyst for a multinational investment bank
- Volunteering and social enterprise co-ordinator for a university
- Public affairs and communications intern for a charity
- Broker for a global professional services firm
- Assistant to the director of a charity
- Student activities officer for a university Students’ Union
Programmes

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Programmes in the School of Social and Political Sciences – see page 187

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Courses are three-year programmes unless otherwise stated

Key facts

Admissions Tutor: Dr Gareth Millington
Telephone: +44 (0)1904 323058
Website: www.york.ac.uk/sociology
Email: sociology-admissions@york.ac.uk

2014 Applications: 643
2014 Admissions: 124

Typical offers

MATURE STUDENTS
Mature students are welcomed and considered individually

A LEVELS
AAB for L611, LL32, VLS3
ABB for L300, L390, L392, LX33

IB DIPLOMA PROGRAMME
35/34 points

SCOTTISH QUALIFICATIONS
AAABB/AAAAAB at Higher level

BTEC EXTENDED DIPLOMA (QCF)
DDM/DDD

OTHER QUALIFICATIONS
For details of other acceptable qualifications go to www.york.ac.uk/admissions

English as a foreign language

IELTS 6.5 with at least 5.5 in all units

Sociology at York is innovative, critical and relevant. Our programmes are designed to give you a grounding in Sociology while involving you in the cutting-edge developments in the discipline.
Studying Sociology

Have you ever wondered how globalisation is changing social life today? Or why popular culture is increasingly dominated by ‘reality’ TV and media coverage of ‘celebrities’? Have you questioned how digital media – iPods, mobile phones, Facebook and the rest of the internet – shape our social lives and sense of self? Have you thought about how language affects our social relations with others? Have you found yourself in debates about the social causes of crime, or the importance of gender in structuring our everyday lives? Are you interested in the changing nature of modern cities, or in what your postcode says about you? Are you concerned about the powers of science and technology today, or about the future of the environment? If these issues interest you then Sociology is the subject for you. Sociologists seek a systematic understanding of the patterns of actions and beliefs that characterise contemporary societies. Their special province is the exploration of the mix of continuity and change that marks our lives. In Sociology you will find a discipline that has been characterised by extraordinary creativity, innovation and enterprise in attempting to create understanding of the complexity of the world around us.

Sociology at York

The Department of Sociology at the University of York is recognised as one of the leading centres for studying Sociology in the United Kingdom. The Department obtains a consistently high rating for student satisfaction in the annual National Student Survey (92 per cent in 2014). In the 2014 Research Excellence Framework assessment, the Department was ranked first in the UK for research activity. This illustrates York’s position at the forefront of sociology. High quality research feeds directly into our degree programmes, meaning that students work on cutting-edge sociology with specialists in the field.

Our programmes

At York most students study Sociology as a single subject. However, within this some choose to specialise by taking a pathway in Criminology or Social Psychology. Pathways are based around two thirds Sociology and one third of the time focusing on the chosen specialism. Other students combine Sociology with Philosophy or Education. These are combinations in which the work is divided equally between Sociology and the other subject. All undergraduate programmes involving Sociology are full-time, three years long, and are BA honours degrees. There are two other programmes we contribute towards:

Criminology

The Criminology programme extends the University of York’s reputation for excellence in criminological theory and research. This degree offers a stimulating and challenging introduction to the discipline of criminology. In the first year students will be introduced to social, political and policy-based approaches to crime and criminal justice. In the second year students develop an understanding of how social, cultural and policy changes shape criminal activities. In the third year students explore their own interests through option modules and a dissertation while developing specialised knowledge in the theory of crime. You will graduate with a highly developed knowledge of our criminal justice system and the social, cultural, economic and psychological causes of crime.

“Sociology at York has been a truly enjoyable experience. The course appealed to me because of the range of different topics covered and the excellent reputation of the Department. Since arrival my first impressions have only improved, thanks to the expertise and dedication of the staff. They are never too busy to help and are all experts in their fields. It’s also been great tailoring my choices to what really interests me, with the variety of different modules increasing in second and third years as you become more specialised.”

NICK, BA SOCIOLOGY WITH CRIMINOLOGY, 3RD YEAR
Social and Political Sciences
We are also involved in the delivery of a stimulating and flexible programme in Social and Political Sciences, in collaboration with the Departments of Politics and Social Policy. For more information see page 187.

What you study
The Department has an international reputation for excellence in a wide range of areas, including: culture and media; conversation analysis; criminology; gender and sexualities; health, medicine and the body; the internet; political sociology; science and technology studies; migration; ‘race’ and ethnic studies; social and cultural theory; and urban studies. These core areas reflect the long-term teaching and research commitments, and are well represented in the module options from which you are able to choose through the course of your degree.

The first year
The first year provides you with a foundation in the discipline, and covers a range of sociological concerns such as globalisation, social divisions and social change, classical and contemporary social theory, criminology and social psychology. The modules taken at first year level provide you with an introduction to some of the key debates in the discipline, and the theoretical and conceptual tools needed to develop your own sociological imaginations. You will also develop a set of skills that sociologists require: essay writing, presentational skills, literature searching and reviewing, and critical thinking.

The intensive first year is geared towards building your knowledge, skills and confidence. This puts you in the best possible position to succeed in your degree.

The second year
The second and third years of the degree encourage you to pursue your own specialist interests and offer a wide range of choices. Students follow a core module in Sociological Research Methods but the majority of time is spent studying optional modules. These modules reflect the research interests of departmental staff and draw upon current debates. In this way, you are introduced to cutting-edge sociological research on a range of contemporary issues by leading figures in their fields. By selecting options according to your interests you are able to fashion the degree to your own needs.

Second year options currently include: Crime, Culture and Social Change; Popular Culture, Media and Society; Gender and Sexualities; Sociology of Health and Illness; Social Interaction and Conversation Analysis; and Political Sociology.

The third year
In the final year you may select four advanced ‘specialised options’. The list of option modules is likely to include: Body, Identity and Society; Cinema, Cities and Crime; Sociology of Art; Humans and Other Animals; Language and Social Institutions; The Racial State; Paranormal in Society; House, Home and Society; Researching Human Interaction; Crime, Gender and Society; and Migration and Tourism. Furthermore, in single subject Sociology, Sociology/Education, Sociology with Criminology and Sociology with Social Psychology, you will complete a project in your third year which is built around a topic selected in consultation with a supervisor. The final year project is an important part of the degree, and allows you to develop further your research interests. The degree therefore combines ‘bedrock’ elements of Sociology with optional elements that combine to provide students with the opportunity to engage with a diverse and exciting range of sociological theories and practices.

Our specialised pathways
For those of you interested in Sociology with Criminology, this pathway offers an
interesting and challenging introduction to the sociology of crime while also providing the opportunity to draw upon a broad range of sociological modules offered within the Department. Sociology is the major subject (about two thirds of the workload), but you will specialise in Criminology by taking a number of core modules in this field. In Year 1, Sociology with Criminology students take a module in The Sociology of Crime and Deviance, which provides a grounding in the field of deviancy studies, as well as a basic introduction to the theoretical foundations of the field. In the second year of the degree there is a compulsory module, Crime, Culture and Social Change. In the third year there is a compulsory module in Theoretical Criminology.

The Department of Sociology at York also has a long-standing interest in the interface between sociology and social psychology. The Sociology with Social Psychology pathway offers a distinctive approach to the study of human relationships, both in ordinary interactions in families and between friends, and in institutional settings. This degree programme is taught entirely within the Department of Sociology, and is not accredited for BPS recognition. Rather than focusing on cognitive science and laboratory work, this programme enables students to explore social and critical approaches to the study of social interaction, language and identity. The programme includes topics such as attitudes, prejudice, emotions, mental illness, body language, persuasion, and an understanding of how these are managed and displayed in interpersonal, organisational and institutional interactions. In the first year, students are given a broad overview of sociology as well as a thorough grounding in classical and contemporary work in social psychology. In the second year, students select from a range of options alongside a module in Critical Perspectives on Social Psychology. In the final year, students complete the Contemporary Research in Social Psychology module. This introduces applications of social psychological research using discursive and conversation analytic approaches. It gives students hands-on experience of working with data.

Since we offer a constantly evolving range of modules it is important to check the departmental website for the latest information on developments in the curriculum.

Teaching and learning
Teaching takes place through a combination of lectures and small group workshops, as appropriate to the module being taught. The emphasis moves towards student participation and involvement as the degree proceeds through the three years.

Study abroad
There are opportunities to study abroad, either in Europe as part of our Erasmus programme, which currently links with the Universities of Copenhagen (Denmark) and Bergen (Norway), or through the University’s exchange schemes with worldwide university partners in North America, South Africa, Asia and Australia. Students studying in Copenhagen (one term) or Bergen (up to a year) choose from a variety of modules taught in English. Copenhagen and Bergen are excellent universities, and the students who go (generally about six a year) enjoy the experience very much.

“We Sociology at York is fascinating. The course is diverse, positively challenging and current. This year I’ve enjoyed the Sociology of Health and Illness module which explores how our physical bodies are determined by social bodies. The teaching is inspirational – our lecturers’ research is at the forefront of the discipline. The staff are welcoming and accommodating and respond quickly to any academic or pastoral issues. The Department has become my home from home.”

HOLLIE, BA SOCIOLOGY, 2ND YEAR
Assessment

Students are assessed by a variety of methods including essays, exams, exercises and project work. Depending on the options selected the balance between these forms of assessment will vary. For up-to-date information on assessment please see our website.

Admissions

Offers are often made on the basis of three A level passes, currently AAB/ABB, or equivalent qualification, although this may vary from year to year (see page 191 for the different entry requirements). If you receive the offer of a place you will be given an opportunity to visit the University and meet students as well as staff in the Department.

It is not necessary for Sociology students to have studied the subject before coming to the University. A level General Studies is accepted as equivalent to other subjects.

Applications from mature students are particularly welcome. It is one of the aims of admissions policy in the Department to try to ensure that a significant number of mature students are admitted each year, possibly without the usual formal academic qualifications. Such candidates need feel no inhibitions about applying and can be assured that their application will be considered sympathetically. Mature applicants are sometimes invited to an interview.

The Department of Sociology welcomes overseas students as undergraduates and graduates every year. While the needs of students from abroad with regard to supervision and academic advice are recognised within the Department, they are fully integrated into the modules and degrees taken by other students. Overseas students who wish to visit the Department for one year, or even a term, rather than taking an entire degree, enjoy access to the full range of modules available and benefit from personal supervision. In recent years students from Europe, Asia and the Americas have visited the Department. The combination of group teaching and personal supervision, and choice between interesting modules has proved successful with our overseas students.

Further information may be obtained from the Department’s web pages.

WHAT NEXT?

Taking an undergraduate degree in any subject at any university has always involved a considerable investment of time but now also incurs considerable financial cost. Attending university provides opportunities for personal and intellectual development that cannot be quantified in simple terms. Students who take our degrees become part of a department and a university that have hard-won international reputations for excellence. This is a university education of high quality comparable with the best available anywhere.

With regard to future employment, the approach taken to teaching and learning at York means graduates of the Department are well equipped to pursue careers in a very wide range of employment fields. Sociology at York is rich in transferable skills that will be of value when you leave. Intellectual skills associated with research and the analysis of complex ideas, arguments and theories, the capacity to present succinct reports, plus practical skills such as time management and group work, are a firm foundation on which to base career development. Graduates of Sociology at York succeed in a wide range of careers, including private sector management, public sector administration, finance and creative/media roles.

Our recent graduates have begun or followed careers in areas including:

- Workforce analyst for the NHS
- Employment skills worker for a charity
- Press assistant for a PR agency
- Head of student support for a training provider
- Journalist for a newspaper
- Fundraising assistant for a social enterprise promotional agency
### Programmes

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<th>Programme</th>
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<tr>
<td>Theatre: Writing, Directing and Performance</td>
<td>W440 BA/WDP</td>
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<tr>
<td>Film and Television Production</td>
<td>W600 BSc/FTP</td>
</tr>
<tr>
<td>Interactive Media</td>
<td>WG24 BSc/IM</td>
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</table>

Courses are three-year programmes unless otherwise stated.

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### Key facts

**Admissions Tutors:**
- Theatre: Writing, Directing and Performance: Dr Tom Cantrell
- Film and Television Production: Ed Braman
- Interactive Media: Professor Nick Holliman

**Telephone:** +44 (0)1904 325220

**Website:** [www.york.ac.uk/tftv](http://www.york.ac.uk/tftv)

**Email:** tftv-enquiries@york.ac.uk

2014 Applications: 788  
2014 Admissions: 145

### Typical offers

#### MATURE STUDENTS
Mature students are welcomed and considered individually

#### A LEVELS
AAB

#### IB DIPLOMA PROGRAMME
35 points

#### SCOTTISH QUALIFICATIONS
AAAAB at Higher level

#### BTEC EXTENDED DIPLOMA (QCF)
DDD

#### OTHER QUALIFICATIONS
For details of other acceptable qualifications go to [www.york.ac.uk/admissions](http://www.york.ac.uk/admissions)

### Essential subjects

For WG24 you will require at least one A level or equivalent in a science subject, Mathematics or ICT

### English as a foreign language

IELTS 6.5 with at least 5.5 in all units

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Our superb £30m building provides extraordinary facilities for exploring the worlds of theatre, film, television and interactive media. Our students have an unrivalled opportunity to use world-class facilities, to enjoy masterclasses from people at the top of their profession, and to learn from both renowned academics and industry leaders.
Studying Theatre, Interactive Media, Film and Television

In the modern world, theatre, with its long history, interacts with the worlds of film and television. Together with the newer forms of interactive media, and especially computer games, they constantly take creativity and technological discovery to new levels. These various approaches to storytelling, representation and entertainment are vital aspects of contemporary culture and society. If we are fully to understand the world in which we live, we need to understand these various media and performing arts. And if we are to do that, we need to know something of their historical development, we need to know how they work as cultural practices and we need to explore their possibilities as creative forms.

Theatre, Interactive Media, Film and Television at York

Central to all of our programmes is the combination of theory and practice: we strive for the highest academic standards, but we also attend constantly to the practical work of creating plays, films and television programmes, computer games and other forms of interactive media. All of this takes place within our magnificent new £30m building, a home like no other, with its state-of-the-art theatres, television studios, shooting stages, post-production facilities and rehearsal rooms. Our teaching staff include historians and critics of theatre, film, television and interactive media; people from a science and technology background who teach about sound, image, programming and systems development; and theatre practitioners, film makers, programme makers, writers and games developers. The ethos of the Department is collaborative at every level, making it a very exciting and innovative place in which to study.

In the 2014 Research Excellence Framework assessment, the Department was ranked in the top 15 for the proportion of its research designated as ‘world-leading’ or ‘internationally excellent’.

Our programmes

Theatre: Writing, Directing and Performance

This theatre-based programme focuses on the roles of writer, director and performer. It combines historical and textual exploration with practical experiment and technical instruction, enabling our students to explore key aspects of playwriting, theatre production and acting in our specially designed teaching and performance spaces, which provide some of the best theatre facilities in the country. We also explore the ways in which theatre draws on and influences film and television. We pair close engagement with contemporary practice with an emphasis on the need to understand longer histories and past achievements that underpin what we do now. The programme also involves leading theatre professionals in its work, through a series of regular masterclasses. Recent visitors include the director Max Stafford-Clark, actor Penelope Wilton and playwrights Simon Stephens and Laura Wade. Our students work towards staging a series of major theatre productions in their final year.

Film and Television Production

The landscape of film and television is evolving rapidly. New technologies are changing the ways in which we watch...
films and television programmes as well as how they are produced. But technology only serves as a means to an end. It is the skill, vision and creativity of people that drive the industry forward. Accordingly, we have designed this BSc to ensure that you will have a well-rounded understanding of all facets of these media. Production techniques are taught intensively but always hand in hand with theoretical and historical aspects of film and television and an understanding of the underlying technologies. Year 1 focuses on the fundamentals of each of these areas. In Year 2, the emphasis is on production, with each student making a short film and a studio television production, with further historical and analytical work as well as options on screenwriting, documentary and technological issues. Year 3 provides specialist production experience, an understanding of the contemporary business and a final project in which you are able to pursue your own interests. Drawing on the academic and professional expertise of our staff, our extensive contacts in industry and our industry-standard facilities, this programme will ensure that you are fully prepared for a career in this dynamic industry.

**Interactive Media**

The field of interactive media covers not only computer games but also mobile phones, interactive television, the World Wide Web and art installations. Production teams are made up of software engineers, fine artists, designers and project managers, and a broader range of skills is also required for the production of assets: the graphics, music, characters and sounds that feed into the interactive experience. This innovative new BSc programme is designed to equip students to succeed in this dynamic and constantly developing environment. It also makes the most of our superb facilities and our strong links with industry. In the first year, students explore the fundamentals of software programming and the production of audio and visual assets for interactive media systems. They also explore the social and cultural impact of interactive media technologies and the nature of interactive storytelling. In the second and third years, students learn how interactive media are formed from the coming together of traditional media production methods – especially those found in the cinematic arts – with human–computer interactive technologies. They also have the opportunity to specialise in the different disciplines related to interactive media production, including computer graphics and sound design, motion capture and animation, and games design and production.

**Teaching and learning**

Our programmes employ a rich array of teaching methods, including lectures, seminars, tutorials, workshops, laboratory sessions, production projects, dramaturgical and technical exercises, and masterclasses given by visitors from industry. Throughout the programmes, practical experiment, production activity and training run alongside analytical and historical work, with each closely informing the other.

**Assessment**

Assessment methods range widely, and cover practical work and production activities as well as theoretical, historical and analytical work. Assessment tasks include various kinds of academic writing (essays, reports, research projects); laboratory exercises and tests of technique (on the BSc programmes); practical exercises, both individual and collaborative, including writing, directing, producing and, on the BA, performing; and larger-scale collaborative production projects.

**Facilities**

In 2010, the Department moved into magnificent, custom-built premises on the University’s new campus extension. The fully equipped industry-standard building includes two theatres – one a 200-seat thrust-stage theatre, the
other a 120-seat black box – two rehearsal
rooms, dressing rooms, workshops, and all
the associated theatre production facilities.
For film and television production, the
building houses two professional-standard
television studios (one five-camera,
one three-camera), a shooting stage for
green-screen and general film work, a
cluster of audio and edit suites, two post-
production laboratories running industry-
standard software, and a 140-seat digital
cinema. Many of these facilities are also
used by interactive media students, who
also have a dedicated high-specification
computer laboratory.

Admissions
For all our programmes, selection is on
the basis of information provided on the
UCAS form and may also involve invitation
to interview and/or submission of sample
creative or analytical work. General Studies
and Critical Thinking are normally excluded
from typical offers.

Theatre: Writing, Directing
and Performance
The ideal students for this programme
combine intellectual ambition with
an eagerness to gain experience of
creative practice in theatre. We look for
a combination of strong analytical ability
and a capacity to work co-operatively,
ambitiously and productively with others,
plus experience in a related field of activity,
such as amateur theatre or film making.
We do not require that you have previously
studied theatre.

Film and Television Production
Applicants should be eager to develop their
creative, technical and analytical skills
while engaging with media theory, history
and business structures. We do not ask that
you have already studied film or television,
although this can be helpful. We do look for
a passionate commitment to those media
and evidence of developing production
interests and expertise.

Interactive Media
The ideal students for this multidisciplinary
programme will be driven by a desire
to combine artistic and technical skills
to create content for interactive digital
systems. They should also be keen to
learn about the socio-cultural impact of

WHAT NEXT?
All our programmes are highly specialised but also aim to produce flexible and
responsive graduates who are attractive to a range of potential employers.

Theatre: Writing, Directing and Performance
Some of our Theatre: Writing, Directing and Performance graduates work as writers,
directors or performers; others go into arts journalism, teaching, drama therapy,
literary management, publishing, stage management, theatre/film/television
production, academic research and arts administration.

Film and Television Production
Graduates of our Film and Television Production programme will be in a position to
enter the film and television industries in a variety of capacities. Our emphasis on
collaborative work and on establishing in students a good understanding of the range
of professional and technical roles will give you a flexible basis for a career in the
media industries.

Interactive Media
Graduates of the Interactive Media programme will have the skills to pursue a career
in the games industry as well as a wide range of jobs that rely on digital media,
including web design, marketing, art curation and film and television.
Our recent graduates have begun their careers in areas including:

Post-production runner for
a post-production company
Youth support worker for a theatre
Production trainee for a
national broadcaster
Assistant director (internship)
for a national theatre
Arts, marketing and planning
assistant for an arts centre
National development officer
for a charity
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Our campus is situated only a short bus ride or easy walk from the centre of the historic city of York.
How to get to the University

York has excellent transport links with other major cities both in the UK and abroad. There are international airports at Manchester and Leeds, and York is two hours by rail from London which makes travel to Heathrow and Gatwick airports within easy reach.

Rail
There is a frequent, fast train service to York on the main East Coast Line from London King’s Cross to Edinburgh. There is also a direct service across the Pennines between York, Leeds and Manchester Airport.

Coach
You can reach York by coach from many destinations around the country. National Express buses stop at York Railway Station.

Taxi
A journey by taxi from York Railway Station to the University takes from 15 to 20 minutes.

Bus
There are regular bus services between the University and York Railway Station and a frequent free bus shuttle service on the campus between Heslington West and Heslington East.

Car
The easiest route to the University is to take the outer ring road (A64 on the south and east sides of the city, A1237 round the north and west) to the junction with the Hull/Bridlington roads (A1079/A166). From this junction the route to the University is signposted.
University of York campus
Disabled parking

All public car parks on the campus have reserved bays for disabled badge-holders.
The University’s ordinances and regulations, which are binding on all students, can be found at www.york.ac.uk/about/organisation/governance/corporate-publications/ordinances-and-regulations.

The University’s qualification titles are consistent with the national Framework for Higher Education Qualifications. Further information about the Framework is available from the Quality Assurance Agency for Higher Education (www.qaa.ac.uk).

Officers of the University

Chancellor
Dr Greg Dyke, BA, DUniv (York) until 31 July 2015
Professor Sir Malcolm Grant, CBE, LLD, FAcSS from 1 August 2015

Pro-Chancellors
Sir Christopher O’Donnell, MSc (Econ), CEng, MIMechE, FICE
Deian Tecwyn, BA, FCA
Lesley Wild, BA

Vice-Chancellor
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Deputy Vice-Chancellor
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Professor Deborah F Smith, OBE, PhD, FSB, FHEA

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Professor Mark Ormrod, DPhil, FSA, FRHistS

Sciences
Professor Brian Fulton, PhD, CPhys, FInstP

Social Sciences
Professor Stuart Bell, LLB, Barrister

Registrar and Secretary
Dr David Duncan, PhD

Ordinances and regulations
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If you would like a large-print copy of (sections of) this prospectus or to enquire about other formats please contact +44 (0)1904 323196 or email admissions-liaison@york.ac.uk
At York you will be taught by academics whose cutting-edge research is inspiring and life-changing. They love what they do and they’ll share that with you.

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Constantine
Principal: Dr Rob Aitken
Administrator: +44 (0)1904 325213
Porter: +44 (0)1904 325200
Derwent
Provost: Dr Eleana Stuart
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Goodricke
Provost: Dr Jane Claxton
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Halifax
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Porters: +44 (0)1904 324800
College Administrator: +44 (0)1904 324813
James
Provost: Dr David Effid
Officer: Mike Britland
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College Administrator: +44 (0)1904 324013
Langwith
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Officer: Jonathan Evans
Porters: +44 (0)1904 323000
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Vanbrugh
Principal: Dr Barry Thomas
Officer: Georgina Heath
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Email: ug-admission@york.ac.uk
Website: www.york.ac.uk/admissions

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Website: www.york.ac.uk/international

Prospectus online
Website: www.york.ac.uk/study/undergraduate/prospectus

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Email: accommodation@york.ac.uk
Website: www.york.ac.uk/accommodation
Cafes
Tel: +44 (0)1904 322685
Email: cafe@york.ac.uk
Website: www.york.ac.uk/cafes

Term dates
Note that the term dates below do not apply to HYMS (the Hull York Medical School) or to Nursing programmes. Programmes involving placements or fieldwork may continue outside term time. If you have to resit your examinations you will need to return to the University at an earlier date.

2015/16
Autumn Term
Monday 28 September 2015 – Friday 4 December 2015
Spring Term
Monday 4 January 2016 – Friday 11 March 2016
Summer Term
Monday 11 April 2016 – Friday 17 June 2016

2016/17
Autumn Term
Monday 2 October 2016 – Friday 8 December 2016
Spring Term
Monday 9 January 2017 – Friday 16 March 2017
Summer Term
Monday 16 April 2017 – Friday 22 June 2017

2017/18
Autumn Term Monday 2 October 2017 – Friday 8 December 2017
Spring Term
Monday 8 January 2018 – Friday 16 March 2018
Summer Term
Monday 16 April 2018 – Friday 22 June 2018

The information in this prospectus is correct at the time of going to press. It is issued for the general guidance of students entering the University in September 2016 and does not form part of any contract. The University hopes to provide the programmes and facilities described in the prospectus, but reserves the right to withdraw or to make alterations to courses and facilities if necessary. The University welcomes comments on its programmes from students, parents and sponsors. However, the University’s contracts with its students do not confer benefits on third parties for the purposes of the Contracts (Rights of Third Parties) Act 1999.