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OPEN DAYS 2019
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Sunday 30 June
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A WORLD-LEADING UNIVERSITY

Experience consistently outstanding teaching, recognised by our Gold Teaching Excellence Framework (TEF) award.

Meet students from over 140 countries on campus and take the opportunity to study, work or volunteer abroad.

Join a university where 94 per cent of our students are in employment or further study six months after graduating*.

GET A GOLD-STANDARD EDUCATION

THrive in a global community

PREPARE FOR YOUR FUTURE

Pages 10 and 11

Pages 26 to 31

Pages 20 to 23
At York you’ll be inspired by brilliant minds, discover exciting new activities and develop your ambitions in our supportive environment.

Benefit from our £500m investment in new student accommodation and state-of-the-art facilities.

Pages 16 and 17

Make friends through our college system – it provides an instant social life and a secure, supportive environment.

Pages 40 and 41

Discover our historic and contemporary city which was named best place to live in Britain by The Sunday Times in 2018.

Pages 6 to 9

*Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)
COME AND MEET US

Get to know us better and explore our fantastic campus.

Open Days
Enjoy a packed programme of talks and tours, meet staff and students, attend mini-lectures and take a tour of campus facilities and accommodation.

OPEN DAYS 2019

Friday 28 June
Sunday 30 June
Saturday 14 September
Sunday 15 September

Other ways to meet us
You could take a student-guided tour or visit us with your school or college. We also go to study fairs around the UK and in countries all over the world. Explore our full range of events at york.ac.uk/meet-us.
York Open Day made me fall in love with the campus and I knew that I wanted to study here. All the introductory lectures and tours were really useful in helping both parents and students feel welcome at York.

George, BA English and History
THE BEST PLACE TO LIVE IN BRITAIN

City of York

york.ac.uk
Our idyllic campus is within walking distance of the impressive city centre and all of its amenities, so you can enjoy the best of both worlds.

York is a vibrant, contemporary, student-friendly city, renowned for its rich history and heritage. With a population of 200,000 our city offers an urban experience while being compact enough to walk or cycle around.

**Nightlife: creative hotspots and impressive venues**

From bustling pubs to popular clubs, York has a lively nightlife. There is an eclectic mix of venues showcasing aspiring musicians and established acts. Theatre-goers can enjoy productions at York Theatre Royal or the Grand Opera House, while film fans will love our array of cinemas across the city.

**Shopping and eating: high street favourites and cosy cafés**

York offers some of the most distinctive and stylish shopping in the UK. Major retail chains and independent stores share York’s iconic medieval streets. And if you need a bite to eat, the city boasts a thriving street food scene, high quality restaurants and quirky coffee shops.

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**FIND OUT MORE**

York city guide
york.ac.uk/city
BEST PLACE TO LIVE IN BRITAIN

York's historic street called the Shambles was mentioned in the Doomsday Book of 1086
The student view

Tara’s top five tips for exploring the city:

Meander down the Shambles
You could spend hours browsing the interesting shops you’ll find on this quaint, cobbled street, which attracts visitors from all over the world.

Visit York Minster
The cathedral is such an iconic structure, providing some wonderful photo opportunities. Certainly not one to miss since entry is free with your student card.

Walk the city walls
This is a great way to see the city from a different perspective, discovering little coffee shops and cafés dotted along the way.

Try independent eateries
York has a diverse range of places to eat and drink and you’ll soon find your personal favourites with flatmates or friends from your course.

York’s Chocolate Story
One for when the family visits – this guided tour of the history of chocolate in York includes tasty samples.

What stands out to me about York is the variety of independent, quirky places to shop, eat and drink. It’s very easy to stick to the usual chains that you’re familiar with, but you’d be missing out if you didn’t experience the unique places that York has to offer.

Tara, BSc Psychology

*York was named the best place to live in the UK 2018 by The Sunday Times
GOLD STANDARD

Our distinctive approach to teaching and learning will challenge you to think independently and encourage you to grow and excel in a supportive environment.

Our commitment to offering you the very best teaching has earned us a Gold Teaching Excellence Framework (TEF) award, demonstrating that we deliver consistently outstanding teaching, learning and outcomes for our students.

In granting the award, the Office for Students said that York offered:

- excellent provision of careers support and development of employability skills to ensure very good employment and further study outcomes
- outstanding academic support that enables all students to progress and succeed in their studies
- a research-strong environment that engages and provides the most outstanding levels of stretch for students in their learning.

Students from all backgrounds achieve consistently outstanding outcomes.

The TEF Panel, Office for Students, June 2018

=9th
in the Times Higher Education Europe Teaching Rankings 2018 (out of 242 institutions)

Using social media I share photos and videos to contextualise chemistry taught in class to everyday life, demonstrate key lab skills, and provide students with a birds-eye view of my research.

For example, while I was in the Amazon rainforest I designed green chemistry experiments that students would do when I returned, and I shared this new research in real time.

Dr Glenn Hurst, Lecturer (Assistant Professor) in Chemistry
The Department of Chemistry’s Dr Glenn Hurst was shortlisted for Most Innovative Teacher of the Year in the Times Higher Education Awards 2018.
LEARN FROM OUR EXPERTS

Professor Nicky Milner

york.ac.uk
We are a Russell Group* university with a global reputation for inspirational and life-changing research. This feeds directly into the teaching you’ll receive.

At York you’ll study and learn with academics who are active researchers, experts in their field and have a passion for their subjects.

Uncovering ancient settlements
Professor Nicky Milner, who teaches in the Department of Archaeology, is a director of the world-leading Star Carr project in the North of England where excavations have uncovered evidence of a Mesolithic settlement dating from around 9000 BC. Students have written dissertations on data generated from the excavations, giving them experience of working in a research team and initiating their own research.

Exploring human interaction
How humans interact with each other in conversation is the focus of research by senior lecturer Dr Merran Toerien of the Department of Sociology. She uses recordings made in settings as varied as job centres, neurology clinics and beauty salons to illustrate the modules she teaches on conversation analysis.

Protecting our oceans
One of the world’s leading marine conservation scientists, Professor Callum Roberts, teaches in the Department of Environment and Geography. His work champions ocean protection, unravelling the long history of overfishing and identifying sites for High Seas Marine Protected Areas. His students undertake projects that combine fascinating science with practical benefits, informing the efforts of groups like WWF and Greenpeace. Callum has written award-winning books including *The Unnatural History of The Sea* and consulted on the BBC’s *Blue Planet*.

*The prestigious Russell Group represents 24 leading UK universities committed to maintaining the highest academic standards in both teaching and research
**York’s position in the Times Higher Education’s ranking of the most recent Research Excellence Framework (REF 2014), excluding specialist institutions which submitted fewer than four units of assessment
CHALLENGE YOURSELF

A York degree is recognised and respected all over the world.

Our world-leading academics design our courses to inspire and support you to graduation and beyond. Each course provides unique learning outcomes so that you get the most from your time here. At every stage you’ll know what you’re aiming for and develop the skills for your chosen career. In an online survey, 81 per cent of our graduates said they had got a better job because of a York education.*

**Academic support**
Get the guidance you need from your tutors and academic supervisor, and through assessment and feedback, such as coursework, projects, group work and exams.

**Flexible options**
Many courses allow you to pursue areas of interest by choosing from optional modules within your degree, or in some cases, from another subject.

**Tailored teaching style**
You may attend small group tutorials, as well as larger group seminars and lectures, depending on your course. Many modules feature online resources and self-directed learning methods to use out of the classroom.

**Work placements and studying abroad**
UK and international placement years are available through your department or the Placement Year programme (see pages 20 and 21) and international opportunities via the Centre for Global Programmes (see pages 26 to 29).

*Information provided by the London Economics analysis. Full report at york.ac.uk/economic-impact

**Out of the 22 Russell Group institutions rated in the National Student Survey 2018

FIND OUT MORE
Study
york.ac.uk/study/undergraduate

York is a research-intensive institution that inspires and facilitates independent critical thinking. When you combine these characteristics, exciting things can happen.

Julian, BA English

1st in the Russell Group for ‘Academic Support’**
National Student Survey 2018
The extensive central University Library has nearly one million print books and 600,000 ebooks.
You’ll have access to our 24/7 Library and flexible study spaces across campus.

**Library**
Our extensive Library, open 362 days of the year, provides the perfect place to study, research and read. Its range of services, support and facilities include:
- nearly one million print books
- audiovisual and digitised collections
- around 600,000 ebooks
- over 1,250 study spaces (across all libraries)
- more than 15,000 print and electronic journals
- subject-specific librarian support and online skills guides
- Library Café.

As well as the central Library, there are dedicated study spaces on Campus East and specialist libraries at King’s Manor and York Minster Library in Dean’s Park.

**IT services**
We offer a range of IT services and support to keep you connected on campus. These include:
- free wifi across campus and the city
- access to your files and some web apps off campus
- network connection with your own device or one of our PCs or laptops on campus
- access to Yorkshare - our virtual learning environment (VLE) - where you can access course materials, communicate with other students and staff, and more
- recordings of timetabled lectures through our Replay service.

The Library is my favourite place to study on campus. There are zones for all types of studying – from Silent to Quiet to Studious Buzz. You can also book study rooms for yourself or a group, which is great when you have a big chunk of studying to do.

Lily, MChem Chemistry
DEVELOP NEW SKILLS

Our excellent learning resources will help you study effectively at the same time as strengthening your employability.

Your academic supervisor and college support team offer you guidance and advice to support your academic and personal progress. You can also access free study skills support.

Communication skills
Discuss and improve your academic writing skills, presentation skills and language skills by working with tutors at our Writing and Language Skills Centre.

Academic integrity
Learn how to follow good academic practice in your reading and writing, and how to avoid plagiarism, with our mandatory online Academic Integrity tutorial and other resources.

Maths skills
Get help and guidance with understanding maths and statistics at the Maths Skills Centre, supplementing your department’s support.

Languages
Through our Languages for All programmes you can learn a new language or polish your existing language skills. Do this to improve your career prospects or just for fun (additional costs may apply). See page 28 for information about our study abroad opportunities and free language courses.

Digital skills
Improve your digital skills and get the most out of software packages with our Skills Guides and our Digital Wednesdays training sessions.

FIND OUT MORE
Study and skills support
york.ac.uk/study-support
You’ll be able to access free study skills support
My Placement Year has been a great way to kickstart my career and has been my best decision to date! I have gained an insight into a very fast-growing business channel within Amazon and have had some brilliant opportunities – including attending a summit in Prague. This was a fantastic chance for me to learn new skills, interact with people that I don’t usually work with, and hear about the work they are focusing on and their journeys to and throughout Amazon.

Francesca, Finance Intern, Amazon (BSc Economics and Finance)
PREPARE FOR YOUR FUTURE

Stand out from the crowd and enhance your career prospects through a series of activities and opportunities.

Our employability programme, York Futures, will help you understand your options, reflect on your experiences and make plans for moving towards a career you’ll thrive in.

The programme will support your journey to graduate employment or further study, and offer an extensive range of activities for you to develop valuable skills and experiences.

Here are some examples of the activities you can get involved with:

### Year 1
- Use our online exercise, York Strengths Discovery, to identify personal strengths
- Join a York Strengths Development Day to help identify and articulate what you’re good at and how to develop these strengths
- Get support accessing placements, internships and volunteering

### Year 2
- Reflect on experiences and strengths through applying for the York Award
- Develop leadership skills alongside employers and graduates through the York Leaders programme

### Placement year
- Apply for an optional placement year
- Pursue local, national or international work

### Final year
- Prepare your employability story by applying for the York Award Gold
- Continue to access tailored support before graduation

### Placement Year

You’ll have the opportunity to take a placement year or other work-related opportunity as part of your degree.

A placement year is a structured work experience opportunity that can be integrated with your studies and is recognised within your degree title. Many organisations offer placement opportunities and they are a great way to develop your employability skills.

Benefits of a placement year:
- increase your confidence
- opportunity to fast-track to a graduate job
- try out the day-to-day of your future career
- put your skills into practice
- strengthen your academic performance
- build up your professional network
- increase your commercial awareness.

For more information on subject-specific opportunities see the course listings on pages 54–208.

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**FIND OUT MORE**
York Futures
york.ac.uk/ug-futures
- Yorkcareers
- UoYCareers

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CAREERS 21
Volunteering for NightSafe, a city centre night-time safety scheme, showed me how much I enjoy taking ownership of a project. It gave me the opportunity to get hands-on – giving basic first aid, resolving conflict and offering people emotional and physical support. Not only was it an exciting scheme to be involved in, I also gained valuable skills that have been really beneficial in the workplace.

Bhavin Patel
Business Intelligence Analyst at Oliver James Associates, BSc Physics with Astrophysics, 2015
As part of York Futures you’ll have access to excellent careers advice, opportunities and resources.

**Online resources**
Research career options with our extensive range of online resources and help from our careers staff.

**Work and study**
Take a summer internship or placement year, or gain part-time and casual work while you study. You can apply for paid project-based internships with local employers through our Student Internship Bureau.

**Boost your skills**
Broaden your leadership and organisational skills through our volunteering programmes. We offer projects and individual opportunities with schools and community organisations across York.

**Start an enterprise**
Connect with mentors and business advisers and tap into the culture of enterprise and innovation at York in the dedicated Student Enterprise Space.

**Link with our networks**
Benefit from professional networking opportunities that will link you with young graduates and senior professionals. Learn about successful York graduates’ career journeys through talks and our award-winning online case studies and mentoring platform.

**Go global**
Develop your language skills and apply to spend time abroad through our Centre for Global Programmes (see page 28).

**Careers fairs**
Each autumn, we invite over 150 recruiting employers to our three careers fairs, launching our schedule of employer events. These events provide first and second year students with the opportunity to find out about work experience opportunities and graduate roles.

94% of York graduates enter work or further study within six months of graduating*

**Engage with top employers**
Our graduates are among the most sought after in the UK and we’re ranked in the top 25 universities targeted by the largest number of top employers.**

We work with these leading recruiters and many more:

- Accenture
- Aldi
- ARM
- Aviva
- Bank of England
- BT
- Civil Service
- Clifford Chance
- Deloitte
- EY
- Frontline
- Grant Thornton
- IBM
- KPMG
- Linklaters
- L’Oréal
- Morrisons
- Network Rail
- NHS
- Nissan
- P&G
- Police Now
- PwC
- Santander
- Teach First

*Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)
**The Graduate Market in 2018 (High Fliers)
ANYTHING IS POSSIBLE
York is a great city and the University itself exceeded my expectations. The teaching fuelled my interest in learning and pushed me on to further study. The pastoral system gave me the personal support I needed to succeed academically. And away from my studies, the University Caving Club gave me the self-confidence and the sense of adventure that carried me all the way to Antarctica.

Dr Jess Walkup
Station Leader for the British Antarctic Survey, BSc Biology, 2009

Our graduates have gone on to amazing and diverse careers around the world. Discover how we helped these students succeed.

"The experience I gained through joining York’s Entrepreneurs Society and being President of the Travel Society gave me the skills and confidence to run my own company. University funding also helped me develop my business idea."

Charlie Thuillier
Founder and Managing Director of Oppo Ice Cream, BA Applied Social Science — Crime and Criminal Justice, 2011 (Now BA Applied Social Science)

"York helped me develop my critical thinking and analytical skills in a creative environment with state-of-the-art-facilities. My training also helped me become an independent researcher and prepared me for my current role."

Dr Wei He Associate Professor in the Department of Biology, Northwest University, Xi’an, China, PhD Biology, 2012

"Staff from York’s Careers service helped me get my business idea off the ground. They encouraged me to formulate a business plan and apply for funding and support from the University – I went to entrepreneur bootcamp and learned a lot."

Bethan Vincent
Director of Bright Ethics, BA History, 2013

"Studying English Literature at York, I fell in love with stories: learning about lives through the prism of authors. It was during my time there that I began to realise I wanted to be a storyteller through film. There was a vibrant drama community that fed my growing curiosity. I also learned how to work hard and independently, which is vital for any freelance film director."

Sarah Gavron
Award-winning director of the film Suffragette, BA English, 1992

"My role as York Sport President at the Students’ Union (2015/16) was one of the best years of my life. Working alongside such inspiring people on a daily basis and the responsibility we were given in our roles provided me with invaluable experience, confidence and the passion to continue my love of sport in London. I now work at the London Youth Games Foundation and genuinely would not be able to do the job I do now without the skills I gained at York."

Grace Clarke
Communications and Fundraising Officer at the London Youth Games Foundation, BA History, 2015

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Grace Clarke
Communications and Fundraising Officer at the London Youth Games Foundation, BA History, 2015

FIND OUT MORE
York Futures
york.ac.uk/ug-futures
EXPAND YOUR HORIZONS

Prepare for a career in a global job market by studying, working or volunteering abroad.

York student Millie took part in an exchange at the University of Hong Kong
Add an enriching dimension to your studies, enhance your CV and explore the world with an international experience. Where you can go may depend on your area of study. You don’t have to decide whether you’d like to apply to study, work or volunteer abroad as part of your degree until you arrive at York.

Go for a year
Some departments offer an additional year abroad. This means your degree would be a year longer and you’d go abroad to spend your third year at a partner university or employer. For some departments your degree would stay the same length and you’d study abroad in your second year. This would replace your second year studies at York.

A small number of departments offer European exchanges for the equivalent of one semester.

Find out more about opportunities specific to your subject on our website york.ac.uk/globalyork.

Go for the summer
We can help you explore a wide range of life-changing experiences through volunteering, internships, and subject-related summer schools.

Our exclusive International Study Centres give you the chance to immerse yourself in a two-week intensive academic and cultural experience at a partner university, travelling with a group of York students. These themed programmes have previously been held in Brazil, the US, Russia, South Africa, Mexico, India, Ghana and China.

Free language courses
Build up your language skills and cultural knowledge before you go abroad by joining one of our free language courses.

Funding
Whether you want to study, work or volunteer abroad, you’ll need to research the cost of the programme, and budget accordingly. For many opportunities you can apply for funding to help towards the costs. Further details will be available when you start at York.

York students at an international Study Centre in Cape Town, exploring human rights and the transition from Apartheid to democracy with people in the Imazama Yethu township
I spent the second year of my degree studying in the US. There was such a wealth of modules on offer to meet my York requirements and it introduced me to so many new avenues for literature and theory I’d never dreamed of trying before.

I was pleasantly surprised at how quickly my host institution became a home, and how close I became with the friends I made. Within less than a month of knowing each other, we embarked on a four-day trip to New York! Through this experience I met people from all corners of the world, and we’re still in contact now – I can’t wait to visit them in the future.

It’s a cliché to say studying abroad changes your life, but it does! Being able to explore my own independence has developed my confidence and improved my ability to make connections. It’s also reshaped my ideas of what I want to do after graduation, and where in the world I want to be.

Caitlin, BA English
Describe York? One word: diversity. I have made friends from almost every other country! When I came to York from Pakistan, it was my first time abroad by myself. Looking back, choosing York was the best decision of my life. York is a very friendly and welcoming city, which feels really safe. At the University there is something for everyone, with a great range of societies and some amazing exchange programmes and trips to different countries.

Has’san, LLB Law
JOIN OUR GLOBAL COMMUNITY

Live and study in one of the safest cities in the UK, with bright minds from over 140 countries.

As a student here you’ll be part of a diverse, safe* and supportive environment, located in a beautiful, historic and unique European city. Meet new friends through your college, sports, volunteering and student-run societies. The International Students’ Association organises events such as food fiestas, cultural celebrations and day trips throughout the year.

When you arrive
We offer a collection service from Manchester Airport, a Welcome Week for new students, and English language courses and workshops. We also provide immigration advice, specialist support for international students, facilities for practising your faith and much more.

Explore the UK and Europe
York’s central location is perfect for exploring other UK and European cities. The beautiful Yorkshire countryside and coastline is also on our doorstep.

Study with us

Undergraduate degrees
Choose from over 250 undergraduate courses in arts, humanities, sciences and social sciences. Most degrees last for three years, with a number of four- and five-year courses.

Pathway courses
Our specially designed courses can help you prepare for undergraduate study at York. If you complete the course to the required level, you’ll be guaranteed a place on your chosen degree. Study on campus at our International Pathway College, or in London at our partner institution, Kaplan International College.

Pre-sessional language courses
These courses are for international students who need to meet a language condition for entry to a degree-level course. There are three length options: 10 weeks, 15 weeks and 20 weeks. The course you need to take depends on your current IELTS scores and the English language requirements for the degree you wish to study. If you have an unconditional offer but still want to practise your English skills you could take our five-week course.

Visiting students
If you’re already studying at another university, you can apply to study at York for up to one year as a visiting student. You may be able to transfer the credit back to your home institution.

*York has the lowest rates of crime most likely to affect students in the areas they live during term time in England and Wales, according to the Complete University Guide 2018
Our campus

YOUR HOME FROM HOME
Our green parkland campus provides everything you need to make the most of your university experience.

Our University, which is situated just outside York city centre, is set within parkland and landscaped gardens of “special historic interest”.

Culture and entertainment
There are plenty of ways to appreciate culture on campus. Take in the theatre with a different show every week during term-time at our student-run Drama Barn. Catch a film at the student cinema. Watch, play or perform with our student societies dedicated to pantomime, opera and much more. Music-lovers can enjoy a rich programme of concerts by international visiting artists, and our University ensembles, orchestras, choirs, and musical theatre productions.

Expand your intellectual horizons with free Open Lectures and inspirational events such as YorkTalks – our annual research showcase. We also run the York Festival of Ideas, which features more than 200 mostly free events, to educate, entertain and inspire through talks, exhibitions, theatre, music and film.

Food and drink
The campus is packed with interesting places to eat and drink in a relaxed setting. There are also three supermarkets, where you can pick up your groceries and essentials.

Getting around
Everything is within walking or pedalling distance, or you can always use the fast and frequent bus service which runs between both parts of the campus and the city centre. York is one of the UK’s most cycle-friendly cities, so many of our students choose to travel by bicycle.

FIND OUT MORE
Student life
york.ac.uk/student-life

*The Campus West landscape was added to the Register of Historic Parks and Gardens by Historic England in 2018
GET INVOLVED
The University of York Students’ Union (YUSU) is here to represent, support and entertain you.

**What is YUSU?**
Run for, with, and by students, YUSU is led by a team of five elected full-time sabbatical officers, who are all York students or recent graduates. They’re here to help you share ideas, create change, gain new skills and access support.

**Events and socials**
YUSU runs regular student nights in the city that cater for a variety of musical tastes. You can also enjoy a diverse programme of festivals, balls, live music, performances, charity fundraisers and sporting events.

**Volunteering**
YUSU can help you make a difference, whether you’ve got an hour or a week to spare. Take part in fun activities on and off campus in aid of good causes, run your own fundraising event, get involved with a volunteering project or take part in a fundraising challenge.

**Societies and sport**
There are over 200 student-run societies and more than 60 sports clubs for you to get involved in. You don’t have to be a pro or an expert to join – it’s all about new experiences, making friends and having fun.

The YUSU Sabbatical Team for 2018/2019 says: “Playing sport, participating in a society or working in a YUSU venue, are some of the best ways to meet friends for life and to spend time enjoying what you love most at York. Uni life is so much more than just your degree, so make the most of every opportunity and get involved!”

*There are so many societies and activities you can get involved in at York. I’m the President of the Greek and Cypriot Society, I’m on the Politics Society committee, and I’m part of the Law Society. I’m also an International Student Ambassador. For me, the best thing about being in a society is meeting like-minded people who become good friends.*

Minoas, BA International Relations
KEEP FIT AND TRAIN
Captaining the University Women’s Lacrosse team to victory in the National Championships is a memory that will stay with me forever. The huge range of activities available here is underpinned by fantastic sporting facilities. There really is something for everyone, whether you’re simply looking to be more active or striving to become an Olympic athlete.

Laura, BA History and Politics

Indulge your passions or try something new. From beginner to high performer, there is something for everyone at York.

University sports clubs
Our student-run York Sport Union offers 60-plus clubs to choose from. Some clubs compete nationally against other universities.

College sports
Play for fun, compete against other colleges and take part in the only inter-university college competition against Durham. College sport is open to everyone from novice to enthusiast.

Performance sports
The talented athletes and clubs at York are supported by our sports scholarships and specialist performance programmes. We offer financial assistance, coaching, strength and conditioning training and athlete support. We’re a recognised British Rowing START Centre, identifying and supporting students with Olympic potential.

Facilities
Stay healthy, de-stress and enjoy our award-winning sports facilities, recognised as some of the best in the region. Our facilities include a competition-standard swimming pool, floodlit 3G football pitches, an Olympic-sized outdoor velodrome, floodlit road cycle circuit, regional-standard athletics stadium, the recently opened York Sport arena and 39 acres of grass playing fields.

Annual sporting events
There are plenty of sporting events in York, whether you want to take part in the action or sit back as a spectator. The sporting highlight of the year is the annual Roses tournament against Lancaster University – the largest inter-university competition in Europe. We also host a variety of events throughout the year including the UK Triathlon, the Yorkshire Marathon and York City Futsal.
LIFE AT YORK
Discover why you’ll love our vibrant campus and beautiful city.

Want the student view?
Read our student blogs to hear about campus and city highlights.
blogs.york.ac.uk/student-voices
EXPERIENCE COLLEGE LIFE

You’ll be part of your college community from day one – enrich your university experience and make friends for life.

What is a college?
These small, distinct communities will become your home from home. Your college will provide you with a network of support, friendship, facilities, and a full calendar of events and activities to help you settle in.

College sports and activities
Every week colleges compete in over 20 college sporting leagues. There is regular training and coaching for all team members who range from beginners to seasoned pros. Colleges are also bustling with student-led events and activities – from big summer parties to club meet-ups and live music events to bake-off competitions.

Leadership and volunteering
One of the best ways to get involved in your college is to run for a position on the college committee. You could deliver campaigns, design and sell college clothing, or co-ordinate the sports teams and arrange socials.

Support and guidance
Colleges have a team of staff whose job it is to welcome and support you. There are also college tutors who live on site, so there’s always a friendly face available if you need one.

Settling in
Your first few weeks at university are far less daunting with the help of our current students. They’ll be on hand to welcome you on arrivals day and lead a host of freshers’ events to help you to settle in quickly. Student mentors also offer support and guidance throughout your first year.

Catering and social facilities
Our colleges have a range of bars, cafés, dining halls, common rooms and study areas.

<table>
<thead>
<tr>
<th>OUR COLLEGES</th>
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<tr>
<td>York is one of just a handful of universities with a college system. We have nine colleges, including Wentworth, our dedicated postgraduate college.</td>
</tr>
</tbody>
</table>

- ALCUIN COLLEGE
- CONSTANTINE COLLEGE
- DERWENT COLLEGE
- GOODRICKE COLLEGE
- HALIFAX COLLEGE

york.ac.uk
I love how the college system really makes you feel part of a family. Second and third year students help guide you through freshers and first year and act as mentors. This really helped me settle in and inspired me to become a mentor myself.

Aiko, BSc Marketing
MORE THAN JUST A ROOM
Choose from a range of rooms on campus, right at the heart of the action.

Our undergraduate accommodation is centred around our colleges, each with a welcoming, supportive community. Choose from a variety of room types and options to suit you and your budget.

What are my room options?

Location
There are college rooms on Campus East and Campus West. All are located within easy reach of the Library, shops and sports facilities.

Economy, standard or premium
Prices reflect the age and size of the accommodation, as well as the number of people sharing kitchen and bathroom facilities.

Catered or self-catered
We offer self-catering and catered options. Both include access to a shared kitchen.

Ensuite or shared bathroom
Our rooms have either en-suite bathrooms or access to a shared bathroom.

Let lengths
We offer let lengths of 40 weeks, 44 weeks and a small number of 50 weeks.

Additional requirements
We have rooms suitable for students with additional health or disability requirements.

Families and couples
We also have a small number of flats or houses suitable for couples and families. These aren’t guaranteed but we’ll try our best to help you.

Costs
Single self-catered rooms cost from £109 to £169 per week, with catered rooms available from £148 to £190 per week (prices are for 2019/20 and may change). Rent is usually paid in three instalments (one per term).

What’s included
- Study-bedroom, shared kitchen and shared bathroom or en-suite
- Wired internet and wifi in every bedroom
- Electricity, heating, water, and contents insurance
- 24-hour campus security presence.
HELP IF YOU NEED IT

Our network of support services will help you get the best from your time at York.

Your college and your academic supervisor are at the heart of your support network, alongside student support services and your Students’ Union (YUSU). They’ll help and advise you, or refer you to other appropriate support.

College team
College tutors are postgraduate students who provide confidential help and support. They work closely with college staff to support you.

Academic supervisor
A member of your teaching department will act as your supervisor throughout your course. You’ll meet regularly and they’ll advise you on your academic progress and support your personal development.

Students’ Union
When you need help or support relating to your course or personal matters, staff in the Students’ Union Advice and Support Centre (ASC) provide friendly advice.

Specialist support
You can talk to Student Advisers, who run drop-in sessions at the Student Hub in Market Square, about practical matters, such as managing your money, health and wellbeing and help with changes in circumstances.

Mature students
You may have different support needs if you’re a mature student (over 21 when you start your course). We provide a pre-entry induction day and a special lunch during Welcome Week where you can meet other mature students.

International students
International students can access dedicated support services (see page 31). You can also get to know other international students through the student-run International Students’ Association.

Students with caring responsibilities
If you’re caring for a family member or friend while you’re studying we’ll provide you with extra support. We also have close links with York Carers Centre.

Students who have spent time in care
We offer additional support, including a dedicated contact, before you get here and during your studies. A Care Leavers’ Bursary is available for help with tuition fees and living costs and we’ll also offer you flexible accommodation contracts.

Students with children
Our Family Network will help you meet, socialise, share information and advice, and have fun with other parents. You’ll find information on local schools and childcare options, including the York Campus Nursery, on our web pages.

Someone to talk to

Open Door and Disability
Open Door is a team of mental health professionals providing support to students. Our Disability Advisers offer support, advice and guidance to students with a diagnosed disability.

Nightline
Nightline is run by trained student volunteers and provides a confidential listening and information service for students from 8pm to 8am.

Chaplaincy
The Christian chaplains at the University are available to people of all faiths and none. There is also a network of contacts from other world faiths and dedicated spaces for prayer and reflection on campus.

Health services
The health centre closest to campus, Unity Health, offers GP appointments, a repeat prescription service and walk-in clinics. You can register online or in person.
I received some support for my mental health problems and the team at York was amazing. With my input, they produced a completely personalised support plan and everyone I spoke to was caring and friendly. I’m confident that if I have any problems in the future they’ll be able to help.

Amy, BA Archaeology and Heritage
FIRST IN YOUR FAMILY

If you’ve got a bright mind and big dreams we want to help you fulfil your potential at York.

Being the first in your family to consider university can be daunting, but there are lots of ways we can support you.

You can find out more about York and get a taste of university life through a range of events. Some programmes are open to individual applications and others (such as Next Step York) are only available to pupils from target schools.

If you’re thinking about university and need our support or more information about our activities, we’re here to help.

Meet Matt

Matt took part in the Next Step York programme with us. Through the support of the programme Matt became the first in his family to go to university. He graduated with a degree in Psychology from York.

When did you realise that university was for you?
Taking part in the Next Step York programme gave me a fantastic snapshot of higher education – during the residential I essentially lived the life of a university student at York. It made me realise that the transition from A level to degree wasn’t as daunting as I originally thought.

Was university what you expected it to be like?
Prior to any university experience, I thought lecturers were intimidating and that only a select few could succeed in higher education. However, taking part in Next Step York proved how wrong I was and it surprised me when rumours and myths were shown to be untrue. I was amazed by the opportunities and support at York and how easily accessible these were.

What would you say to someone who would like to go to university but isn’t sure it’s for them?
Experience university as much as you can before you make any decisions. Order prospectuses, book onto open days, speak to family and friends and see if universities are running summer schools. Once you get a firm understanding of what university is really like, you can make a well-rounded decision about whether it’s for you.
JOIN US AT YORK

We’re looking for talented students from all backgrounds.

Choose a course
Explore over 250 undergraduate degrees across arts and humanities, sciences and social sciences (see our subjects on pages 54–208, or the course index at the back of this prospectus).

Check the entry requirements
Check that you meet the entry requirements for your chosen course. We consider a wide range of UK and international qualifications and look at all aspects of your application to assess your suitability for the course. This includes your academic qualifications, personal statement, academic reference and any additional relevant experience.

Come and meet us
Find out what studying and living in York is really like at one of our Open Days or take a student-led campus tour. If we make you an offer you’ll also be invited to a visit day.

Check application deadlines
Check the deadlines, do your research and prepare early.

Apply online
Complete an online application via UCAS (the Universities and Colleges Admissions Service) either through your school or college or independently. If you’re based overseas you might want use the services of one of our agents in your country.
Additional support
If you have any additional needs we advise you indicate these on your application so we can contact you and identify solutions where applicable. Information regarding disability has no bearing on the academic assessment of your application. Our Disability Services team can advise you on your application, funding support, visiting us and campus support.

English language requirements
If you’re a non-native English speaking applicant you must provide evidence of your English language ability. We accept tests such as IELTS. We also offer international foundation programmes, foundation years and pre-sessional English language courses which can help prepare you for your degree. See page 31 for more information.

Mature students
As a mature applicant (aged 21 or over) you may not need to have the same academic qualifications as school-leaving applicants. You’ll need to show enthusiasm, have recent experience of studying, and may also need work or subject expertise. If you need to gain experience of recent study, you can study for credit with our Centre for Lifelong Learning.

York Access Scheme
Have you faced social, personal or educational challenges which have affected your performance in education? Our access scheme aims to improve access to the University for applicants who have faced challenging circumstances.

Widening participation
We inspire talented young people from all backgrounds to see university as a possibility. We work with schools and colleges, local authorities and further and higher education partners to encourage a socially and culturally diverse student population at York.

Activities include day visits to the University, residential events for young people from diverse backgrounds and targeted outreach programmes such as Shine (for school years 6-11) and Next Step York (for school years 12 and 13). We are a partner in the ground-breaking Realising Opportunities programme and lead the regional Excellence Hub.

Find out about our full range of activities at york.ac.uk/schools-and-colleges.

Gap years
If you’d like to defer your year entry let us know as soon as possible. Most of our courses will consider these requests.

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2020 ENTRY DEADLINES

15 October 2019
Closing date for Medicine applicants to the Hull York Medical School.

15 January 2020
Deadline for equal consideration for all other courses. We’ll consider applications received after this date if places are available.

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FIND OUT MORE
Admissions team
york.ac.uk/ug-apply
ug-admissions@york.ac.uk
+44 (0)1904 324000
The level of fee that you’ll pay depends on whether you’re classed as a UK/EU or international student for fee purposes. Your fee status also determines your access to funding support.

**UK/EU tuition fee rate**
Fees for 2019 entry to York and the Hull York Medical School will be £9,250 per year for UK/EU students (as well as for Channel Islands and Isle of Man residents). Fees for 2020 entry are subject to government policy and approval and will be announced on our website as soon as possible.

**UK/EU student loans**
If you’re a first-time UK/EU undergraduate, you can apply for a tuition fee loan to cover your tuition fees in full, as well as a maintenance loan towards living costs.

**Repaying your loan**
You do not have to begin repaying your loan until you’re earning over £25,000 per year. At that point you start paying back nine per cent of your earnings above the £25,000 threshold. For example, a person with an income of £27,000 will pay £180 a year, or £15 a month. Use the student finance calculator to estimate your loan and check whether you can apply for any extra funding. Check this out at gov.uk/student-finance-calculator.

There are different processes if you’re a student from Scotland, Wales, Northern Ireland, the Channel Islands or the Isle of Man. Contact the relevant education authority for more information.
Your annual tuition fees cover the cost of tuition, registration and exams. Some courses have additional costs such as field trips.

**UK/EU funding support**

We offer a number of scholarships and bursaries to help with tuition fees and living expenses. We also offer a bursary for students who have been in the care of their local authority. Check our web pages to find out what funding you could be eligible for.

Non-UK EU students should visit our website for the latest information about student finance in relation to the UK’s exit from the EU.

**International tuition fee rates**

International tuition fees depend on whether the course is classroom or lab-based. For 2019 entry to York, international tuition fees range from £17,120 to £21,330 per year (excluding Medicine). Our tuition fee rate for international students for 2020 entry will be set in late 2019.

**International funding support**

We offer a range of scholarships for outstanding international students based on academic merit. Some academic departments also offer scholarships for international students. Look out for deadlines and further information on our web pages: york.ac.uk/your-country.

Find out about external funding programmes through organisations such as the British Council or the Chevening Secretariat in the UK.

**Paying your fees**

If you receive a tuition fee loan from the UK Government your fees will be paid directly to us. If you’re paying your tuition fees yourself or are an international student, you can pay your tuition fees in one lump sum or in three instalments (usually in October, January and April).

**Living costs**

We estimate you’ll need a budget of between £7,803 and £10,203 per year, depending on which type of accommodation you choose.

This prospectus was published in February 2019. The most up-to-date information about fees, loans and scholarships is available on our website. Fees and funding information for 2020 entry will be confirmed in late 2019.

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**10% Masters fee discount**

Once you’ve successfully completed a York undergraduate degree, you could be eligible for a 10% tuition fee discount on your chosen Masters at York.

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**Profile**

I found creating a weekly budget really useful. It allows you to plan your spending productively and work out what you have left for hobbies and going out. I’d also recommend looking out for student discounts – a lot of places offer them, even some you might not expect to.

Jonathan, BSc Film and Television Production

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**Find Out More**

Fees, funding and living costs

york.ac.uk/studentmoney
SUBJECTS TO STUDY
Archaeology

It is hard to imagine a better place to pursue Archaeology than York, where the city itself is both a setting and a subject for your studies.

Study at King’s Manor, the medieval home of Henry VIII’s Council of the North

Ranked fifth in the UK for Archaeology*

100% of our Archaeology graduates were employed or in further study six months after graduation**

Winner of the Queen’s Anniversary Prize for teaching and research***

Located in the UK’s foremost historic city, featuring Roman, Viking and medieval remains

I really enjoyed the science workshops and my heritage field school where I worked as part of a team building an audio guide. Never in a million years did I think I would use some digital work in my Archaeology degree.

Emmeline (BA Archaeology and Heritage, 2nd year)

*QS World University Rankings by Subject 2018
**Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)
***Queen’s Anniversary Prize presented in 2012
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 is also an excellent way of developing a range of transferable skills, leading to a wide variety of interesting careers. It encourages creative and critical thinking, problem solving, verbal and written communication, and a wealth of practical, technical and management skills.

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. We are a leading research community: in the Times Higher Education’s ranking of the most recent Research Excellence Framework assessment, the Department was fourth for overall research performance against other Archaeology departments and in the top five for research impact. We have been awarded a Queen’s Anniversary Prize for Higher Education, the highest academic distinction which can be bestowed on a university department. We are a vibrant and friendly department with a strong sense of community, and our staff get to know our students individually.

The Department is situated in King’s Manor, a medieval building in the historic centre of York and an ideal place to study Archaeology. It is home to our environmental, post-excavation and digital archaeology labs. We have world-leading bioarchaeology facilities in the Environment building on Campus West, for work such as ancient DNA analysis and other forensic techniques. Close to those facilities is the new Palaeohub, with its state-of-the-art human and animal bone, material culture and microscope labs. Also on campus is our Experimental Archaeology centre, where you can try your hand at prehistoric skills such as flint knapping.

We have close ties with the city’s wider community of archaeology and heritage professionals, including museums and field units, and with national bodies such as the Council for British Archaeology, Historic England, the National Trust, and the Archaeology Data Service. Many of our students take advantage of York’s archaeology resources to gain work and volunteer experience during their studies and to find employment after graduation.
OUR COURSES
The Department offers five degrees which cater to the different facets of the discipline. All of them provide you with a solid grounding in the practical and intellectual elements of archaeology and allow you to specialise according to your interests. Staff at York have interests in the whole of the human past, from the earliest people to the modern day, and we conduct research in all parts of the world. We also emphasise the management and contemporary significance of heritage, and its impact on today’s society. Our research leads directly into our teaching, allowing students to learn from scholars at the cutting edge of archaeological techniques, interpretations and ideas and to be involved first-hand with new research and discoveries.

WHAT YOU STUDY
BA/BSc Archaeology
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 and our responsibilities to present communities. Throughout the first year you will be developing practical skills through hands-on training in fieldwalking, geophysical and topographic survey and buildings recording. The summer term of the first year is entirely dedicated to excavation or the heritage field school. You will apply practical and theoretical knowledge gained through the year, in the field, on a research-led excavation. Recently, our field schools have included the world famous Mesolithic site of Star Carr and the Roman fort site at Malton.

In your second year you begin to specialise, choosing between 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 gives you the opportunity to develop your practical and teamworking 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. The dissertation also provides you with a wealth of transferable communication, presentation and management skills, which feed into the development of your employability.

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 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 does not end. As one of our departmental alumni, you can maintain a lifelong connection with us through the web and other alumni events.

BA 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.

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.
BSc Bioarchaeology

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, or bone and antler artefacts.

At York we have a large team working on a wide array of bioarchaeological research; 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.

BA 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 they 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 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.

I was attracted to Archaeology at York because of the variety of the course – from the broad overview in the first year to the choice of specialist modules as the course progressed. More than anything it is the enthusiasm and passion of the staff in the Department that make Archaeology at York so special – everyone is willing to go the extra mile to provide guidance.

Rebecca (BA Historical Archaeology, 3rd year)
YORK FUTURES

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in your department, see york.ac.uk/study/undergraduate/study-abroad.

Outside term time, staff projects and excavations may provide the chance to volunteer and travel in Europe or overseas, and we can advise 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 Department Visit Day. 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 qualifications, and we are happy to accept a mix of subject interests across the humanities, social sciences, and sciences. Our typical offers are listed on page 55. 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 our graduates do

Our curriculum will provide you with a wealth of transferable skills that are highly valued by employers, and which give York students an edge in the workplace. We train our students to think critically and analytically, and to work independently as well as in teams, organising and participating in group projects and fieldwork.

With ground works for HS2 and other large infrastructure projects on the horizon, archaeology is predicted to become a ‘boom career’ over the next decades. The skills of our graduates are in demand within the archaeology and heritage sectors. They work at institutions such as Historic England 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, researchers and presenters. Many of our students choose to go on to further vocational or research training, within archaeology or in cognate disciplines. Outside archaeology, our students find work in a wide range of careers, such as the Civil Service, law, the Police Force, business and management, financial services and IT.

Recent graduate employment examples include:

- architectural researcher
- events manager
- cultural heritage assistant
- archaeologist
- business analyst
- management consultant
- Deloitte
- Oxford Archaeology

and cover a wide range of employers, such as:

- Foreign and Commonwealth, Diplomatic service
- English Heritage
- Police Force
- M&C Saatchi
- Oxford Archaeology
Biochemistry

Two outstanding departments combine to deliver a contemporary and exciting programme at the interface of the biological and chemical sciences

Both Biology and Chemistry hold Athena SWAN Gold awards for promoting a culture of gender equality in higher education

Outstanding teaching by world-class scientists from our collaborative disciplines

Personal and academic progress supported by your supervisor

Challenging syllabus across Biology and Chemistry, with an emphasis on practical Biochemistry

Modern teaching laboratories and dedicated 24-hour computing facilities

I was attracted to Biochemistry at York because of the amount of support the undergraduates receive and the variety of different modules we are exposed to. These give you an idea about what you want to do after your degree.

Matthew (BSc Biochemistry, 3rd year)
BIOCHEMISTRY COURSES

BSc (Hons) Biochemistry
MBiochem (Hons) Biochemistry (4 year)

Courses are three years unless stated otherwise.
Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28.
You can also pursue a placement year as part of your degree: see page 20.

KEY FACTS
Admissions Tutors
Dr Patrick Murphy
Professor Anthony Wilkinson

Telephone
+44 (0)1904 328548

Website
york.ac.uk/biology

Email
biol-admissions@york.ac.uk

TYPICAL OFFERS
A levels AAA/AAB
IB Diploma Programme 36/35 points including HL 6 in essential subjects
BTEC National Extended Diploma
DDD including relevant units, and an additional A level or equivalent qualification in Chemistry.

Other qualifications
For details of acceptable qualifications go to york.ac.uk/study/undergraduate/applying/entry

ESSENTIAL SUBJECTS
Grade A at A level or equivalent in Chemistry and a second science (Biology, Physics or Geology) or Mathematics or Further Mathematics

ENGLISH LANGUAGE REQUIREMENT
IELTS 6.5 with at least 6.0 in all units

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. So a Biochemistry degree equips you for a career not only in areas allied to biochemistry, but also in other fields, for example in industrial management or other types of administration.

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.

Biochemistry at York provides students with an understanding of the fundamental processes that govern life. Our Department of Chemistry provides you with a ‘first-principles’ basis that is built on within the Department of Biology to provide an understanding of how different classes of biological molecules interact to capture energy, build complex molecular machines, and send the signals that produce thought. The opportunity to specialise is provided through a flexible course structure. The world-class Structural Biology Laboratory in the Department of Chemistry is located in the Biology building, leading to close integration of biochemists in the two departments. Important areas of biochemical research at York include structural biology, molecular microbiology, glycobiology, 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.

All our courses carry Accreditation or Advanced Accreditation by the Royal Society of Biology (RSB).
OUR COURSES

BSc Biochemistry

The two departments collaborate, Biology and Chemistry, to deliver an integrated Biochemistry degree that may be studied as a three-year BSc, a four-year BSc with a Year in Industry or a year in Europe, a four-year integrated Masters (MBiochem), or a five-year integrated Masters 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.

MBiochem Biochemistry

Our four-year integrated Masters courses enable you to achieve 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 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

In this course, students can apply to be 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 and applying for a placement and continue to receive support from their York supervisor through its duration. The Department will support the student to help them find a suitable placement.

Adding a Year in Europe

We currently have exchange programmes in France, Germany and Denmark. Some of these programmes require students to have language abilities at least to AS or equivalent level. Additional language training is available in some languages during the first two years at York.

As an alternative to a study placement, you can elect for a full-time laboratory placement during your third year, working on a research project in an internationally renowned European laboratory, either in a university or in a research organisation. There is a wide choice of country and institution available. English is the accepted working language in these laboratories, but familiarity with the language of the host country will be useful for everyday life.

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
- Genetics
- Microbiology/Cell and Developmental Biology
- Biochemical Skills 1 provides an introduction to the design, execution and presentation of biochemical experiments and to some of the fundamental biochemistry techniques, with the inclusion of tutorials.

At York, 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. I’ve most enjoyed learning about the history of medicine alongside the design of modern medicines in the Chemistry and Disease module, and the lab work.

Rebecca (BSc Biochemistry, 3rd year)
In Year 2 you will also have a number of options to choose from, such as:

- Molecular Genetics and Development
- Pharmacology
- Neuroscience
- Food and Fuel
- Immunology and Infection.

In the final year of the BSc you will:

- conduct an independent research project over two terms. This project gives you an opportunity to carry out a novel piece of scientific research in an active research laboratory environment, developing a deeper appreciation of the application of scientific methods, and learning how to read and appreciate the scientific literature
- take four option modules covering areas of contemporary scientific importance, such as Advanced Topics in Molecular Biology, Molecular Machinery in Action, Chemistry and Disease, Molecular Recognition, Cancer Cell and Molecular Biology, Genes and Development, Specialised Topics in Infection and Immunity.

Four-year MBiochem students will take four option modules in Year 3, then a 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 that is written up as a short thesis.

YORK FUTURES

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

ASSESSMENT

All modules throughout the course 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 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 application 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 require an A at A level or equivalent in Chemistry and another science (Biology, Physics or Geology) or Mathematics/Further Mathematics.

International students

We welcome applications from international students. Our website gives details of requirements for a wide range of international qualifications and you are welcome to contact the Admissions Tutors 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 component.

What our graduates do

Biochemical research underpins advances in areas such as medicine, agriculture and biotechnology. Our programmes develop skills of value in a variety of other occupations and our graduates have also gone on to careers in management, marketing, accountancy and computing.

Recent graduate employment examples include:

- business analyst
- publishing editor
- quality control microbiologist
- radiation protection scientist
- research scientist
- trainee clinical biochemist

and cover a wide range of employers, such as:

- AstraZeneca
- Bank of America
- Merrill Lynch
- Oxford University Press
- NHS
- Public Health England
- Wellcome Trust
Consistently ranked in the top ten for the study of biological sciences*

Scored 91% overall student satisfaction**

All of our courses are accredited by the Royal Society of Biology

£23m invested in facilities, including state-of-the-art laboratories

First UK university Biology department to receive the Athena SWAN Gold Award for commitment to gender equality

I chose York because the course focused on the aspects of Biology that most interest me, and because of its reputation as one of the best Biology departments in the country. The staff and students are incredibly enthusiastic and we have fantastic facilities and opportunities.

Emily (BSc Biology with a year in Europe, 2nd year)


**National Student Survey 2018
BIOLOGY COURSES

<table>
<thead>
<tr>
<th>Program</th>
<th>UCAS Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc (Hons) Biology</td>
<td>C100</td>
</tr>
<tr>
<td>MBiol (Hons) Biology (4 year)</td>
<td>C105</td>
</tr>
<tr>
<td>BSc (Hons) Molecular Cell Biology</td>
<td>C130</td>
</tr>
<tr>
<td>MBiol (Hons) Molecular Cell Biology (4 year)</td>
<td>C135</td>
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<tr>
<td>BSc (Hons) Genetics</td>
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<tr>
<td>MBiol (Hons) Genetics (4 year)</td>
<td>C405</td>
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<tr>
<td>BSc (Hons) Biotechnology and Microbiology</td>
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<td>C180</td>
</tr>
<tr>
<td>MBiol (Hons) Ecology (4 year)</td>
<td>C185</td>
</tr>
</tbody>
</table>

Biochemistry: see page 59
Biomedical Sciences: see page 70
Natural Sciences: see page 154

Courses are three years unless stated otherwise.

Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28.
You can also pursue a placement year as part of your degree: see page 20.

STUDYING BIOLOGY

Biology is the science of today. 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.

There has never been a better time to study this important and fascinating subject. The demand for skilled biologists continues to rise and job prospects for biologists are excellent.

BIOLOGY AT YORK

Our degree courses 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 work 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 Times Higher Education’s ranking of the most recent Research Excellence Framework assessment, the Department was joint 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

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KEY FACTS

Admissions Tutors
Dr Ville Friman
Dr Elva Robinson

Telephone
+44 (0)1904 328548

Website
york.ac.uk/biology

Email
biol-admissions@york.ac.uk

TYPICAL OFFERS

A levels
AAA/AAB
A reduced offer may be available where an EPQ is taken alongside three A levels or equivalent

IB Diploma Programme
36/35 points including HL 6, 6 in essential subjects

BTEC National Extended Diploma
DDD including relevant units in BTEC Level 3 Extended Diploma in Applied Science

Other qualifications
For details of other acceptable qualifications go to york.ac.uk/study/undergraduate/applying/entry

ESSENTIAL SUBJECTS

Biology and a second science at A level or equivalent (see page 69 for acceptable science subjects)

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 or higher, with at least 6.0 in each component
character of our teaching, where teaching and research are combined.

We are ranked highly in all the major league tables and we receive good feedback from our students about our teaching in the National Student Survey. Our teaching courses are run in 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 your course, you will receive excellent training in transferable skills such as presentation and teamwork, invaluable in finding employment after your degree. All our practical teaching is carried out in our brand new laboratories and computing rooms.

An academic supervisor supports students with academic matters and also with personal development, wellbeing and the development of skills that underpin success in and beyond undergraduate studies.

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.

Being a student here is a special experience – the academic quality, supportive staff, campus community and beautiful city make it a popular choice with students.

**OUR COURSES**

We offer courses in Biology and in a number of specialist areas (Molecular Cell Biology, Genetics, Biotechnology and Microbiology, Ecology). All can be taken as three-year BSc or four-year integrated Masters degrees (MBiol). It is also possible to add either a Year in Industry or a year in Europe to either option.

All degree courses 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.

**BSc/MBiol Biology**

A flexible broad-based biology degree that uses a systems approach to study biomedical, biotechnological, genetic, ecological and evolutionary aspects of biology – a good choice if you are interested in maintaining an interdisciplinary approach to biology.

**BSc/MBiol Molecular Cell Biology**

This course focuses on offering a molecular understanding of life by providing an understanding of biological processes at the molecular and cellular levels, from structure-function relationships of proteins and nucleic acids to the molecular mechanisms behind immunology, genetic engineering and cancer. It is ideal for students interested in studying biological systems at the molecular and cellular levels, encompassing areas at the forefront of science and technology today.

**BSc/MBiol Genetics**

Genetics is the unifying theme of biology, determining cellular, organismal and evolutionary processes at the molecular level. The course ranges from molecular studies of human genetics to contemporary evolution in natural populations. Massive innovation in DNA sequencing technologies has revolutionised our understanding of living systems and makes it an exciting time to be studying this subject. Our increasing knowledge of the human and other genomes will continue to have a great impact on biotechnology, medicine and conservation.

**BSc/MBiol Biotechnology and Microbiology**

This course focuses on two aspects of biology with particular relevance to the application of biological knowledge to economically important areas such as health, food and the environment. Both plants and microbes can be exploited as ‘cell factories’ to produce a wide range of useful products, to provide the means to decontaminate polluted environments and to act as models for understanding biological processes.

**BSc/MBiol Ecology**

This course covers fundamental ecology, from evolution to the structure of populations and communities, and its applications in conservation and environmental biology. How the earth’s biological systems respond to environmental change is important at scales ranging from intracellular symbiosis to global climate shifts. Understanding how living creatures interact with
one another and their environment is vital in coping with some of the most challenging problems of our future world.

**Integrated Masters degrees**

Our integrated Masters degrees 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 go on to do a PhD.

**Adding a Year in Industry**

All our courses 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 course).

Our Year Away academic co-ordinator guides you through the process of finding and applying for a placement, and you receive support from the Department during your year away. You are typically paid a salary by the employer during the year’s research experience. Students can apply to be placed 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.

The Department will support and help you to find a suitable placement. Students who are not successful in obtaining a placement will continue on the appropriate BSc or Masters course.

**Adding a Year in Europe**

For all of our courses we currently offer the option of spending an extra year studying in France, Germany, Spain or Denmark. Like the Year in Industry this would be between the second and third year of your course. As well as continuing to develop your knowledge of biology, you would live in another country for a year, improving your language skills, experiencing a different educational system, and gaining self-confidence.

Some of these options require students to have language abilities at least to AS or equivalent level. Additional language training is available in some languages during the first two years at York.

As an alternative to a study placement, you can elect for a full-time laboratory placement during your third year, working on a research project in an internationally renowned European laboratory, either in a university or in a research organisation. This scheme is independent of any bilateral exchange agreements, so there will be a wide choice of country and institution available. English is the accepted working language in these laboratories, but familiarity with the language of the host country will be useful for everyday life.

**Studying worldwide**

The University offers opportunities to participate in exchange programmes outside Europe. It may be possible for you to spend a year studying in the United States, Canada, Asia or Australia. There are exchange schemes with many universities, listed on our website. You would make an application during your first year at York and if successful you would spend the second year of your course at your host university.

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York stood out for me because there was the opportunity to tailor the Year in Industry to my interests. The broad range of module choices helped me identify my area of interest for a future career. I enjoyed a module in which we looked at the process involved in getting from the DNA sequence to an observable phenotype. We were also taught applied techniques used to probe the genome's structure and function.

Emily (BSc Genetics, 3rd year)
WHAT YOU STUDY

Year 1
The first year is based around our core 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.

▪ 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 bacteria 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 micro-organisms, 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.

An additional module and regular tutorials develop more general scientific and transferable skills. At the end of the first year, many students attend a highly popular Department-funded field course in marine biology, held at Millport off the west coast of Scotland.

Year 2
In the second year you begin to focus on areas of special interest, extending your knowledge and deepening your understanding through your choice of modules and tutorials. Students currently select modules from the provisional list below.

▪ Molecular Biology, Biotechnology and Bioinformatics
▪ Cell Biology
▪ Neuroscience
▪ Food and Fuel
▪ Immunity and Infection
▪ Molecular Genetics and Development
▪ Genes, Genomes, Evolution and Populations
▪ Ecology of Animals, Plants and Microbes
▪ Organisms in their Environment
▪ Marine and Coastal Biology field course
▪ Big Data Biology
▪ Laboratory and Professional Skills for Bioscientists
▪ Tutorials

Small group tutorials and a scientific and transferable skills module run throughout the second year. This includes laboratory-based group projects and other sessions aimed at developing experiment design and research skills, as well as graduate-level skills in project management and communication. There is a focus on modern techniques appropriate to your interests, applying experimental approaches to biological problems, and learning quantitative and computational approaches to analyse data.

For specialist degree students, your selection of modules must contain a core set in the area of your specialisation. For example, the second year Ecology programme includes a field trip to Portugal, which is paid for by the Department. In all the field courses, you will have the opportunity to become familiar with the local ecosystems, and to observe the local wildlife.
Year 3
In the third year you have a choice of modules, which allows you to concentrate on your special interests. Biology students have a choice of modules from the list below, while specialist degree students select from 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 2018 student intake.

- Advanced topics in Biotechnology
- Advanced topics in Ecology
- Advanced topics in Evolution and Genetics in Ecology
- Advanced topics in Microbiology
- Advanced topics in Molecular Biology
- Advanced topics in Neuroscience
- Cancer Cell and Molecular Biology
- Conserving Biodiversity in the Anthropocene
- Ecology field course in Tanzania
- Genes and Development
- Human and Medical Genetics
- Specialised Topics in Infection and Immunity
- Molecular Recognition

You will also carry out a research project over two terms which is your opportunity to interact with one of our many research groups and to produce an original scientific report. For specialist degree students the topic for your research project must lie within your area of specialisation.

Year 4 (MBiol only)
Students taking the MBiol conduct a further substantial research project (four days per week) and take two extended research skills modules.

TEACHING AND LEARNING
Teaching involves lectures, workshops, tutorials, practicals, research 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 courses, and they provide an opportunity for small groups of students to hold regular informal discussions with a member of staff. In addition to developing your enthusiasm for the subject, they help you develop skills in conceptual thinking, as well as oral and written communication. Students often give presentations and debate topical issues. After the first term, when your supervisor is also your tutor, you select a different tutor each term.

Practical classes, field expeditions and a final year research project develop practical laboratory skills and provide experience in planning experiments, interpreting data and writing scientific reports.

Student-led seminars and workshops provide an additional dimension to some modules. Students give presentations, often working in small groups, based on recent research papers or on the wider implications of new technologies, from the use of human embryos in stem cell therapies, through genome sequencing of whole organisms and microbial communities, to contemporary ecological issues such as the use of GM crops, climate change and conservation of biodiversity.

For many students, the final year research project is the aspect of the course that they find particularly rewarding. It is your chance to experience research at first hand. You have the support and advice of an academic member of staff, but you work independently and plan and carry out your own experiments. Projects span the whole range of contemporary biology, from cancer to conservation, and most students carry out their project work alongside research students and postdoctoral workers within the research laboratory of the project director. BSc students spend approximately two days per week on their research project in their final year, while MBiol students undertake an intensive project, approximately four days per week, in a specific research laboratory.

Scientific and transferable skills modules running throughout the course help you to develop a wide range of analytical skills, and enhance your interpersonal and communication skills through group working and presentations. You also gain experience of specialised scientific techniques such as genome sequencing, bioinformatics analysis and cell culture, and you will be introduced to the way in which biological discoveries are developed into commercial applications.

YEAR ABROAD
Our four-year Year in Europe courses offer the opportunity to study at a university in France, Germany, Spain or Denmark (see page 66).

YORK FUTURES
If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

We also offer degree-enhancing international opportunities to all our students who would like to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28 or for...
Our degree courses 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.

Recent graduate employment examples include:
▪ clinical research specialist
▪ graduate ecologist
▪ trainee police officer
▪ project manager
▪ scientific copy-editor
▪ trainee patent attorney
and cover a wide range of employers, such as:
▪ AstraZeneca
▪ Environment Agency
▪ Institute of Cancer Research
▪ NHS
▪ Reckitt Benckiser
▪ Smith and Nephew

the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

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. Applicants should have studied Biology and a second science to A level or equivalent.

We consider the following subjects to be sciences for the purpose of admissions: Chemistry, Mathematics, Further Mathematics, Physics, Geography, Geology, Environmental Science, Psychology, Statistics and Computer Science. Human Biology is acceptable in place of Biology.

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 course 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
We welcome applications from international students. Our website gives details of requirements for a wide range of international qualifications and you are welcome to contact the Admissions Tutors 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 component.
Biomedical Sciences

Our research-led, laboratory-focused degrees will equip you with the skills and knowledge of the science underpinning medicine

Consistently ranked in the top ten in the UK for the study of biological sciences*

Collaborative disciplines that offer outstanding teaching by world-class researchers

£23m invested in facilities, including flexible study spaces, and specialist tissue culture and fluorescence microscopy suites

Option to spend a Year in Industry or in Europe

Regular small group tutorials in a supportive environment

One of the main reasons that led me to study Biomedical Sciences at York was the friendliness and enthusiasm of the staff. They are keen to interact with students and talk about their fields of research, which has further sparked my passion for the subject.

Sofia (BSc Biomedical Sciences, 1st year)

STUDYING BIOMEDICAL SCIENCES

One of the great societal and scientific challenges for the 21st century is improving human health. Combatting 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 clinical environment. 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 an interdisciplinary course that allows you to explore the science underpinning human health and disease. Our teaching is informed by cutting-edge research conducted by internationally recognised experts within biomedical sciences. The courses are taught by staff from the Department of Biology, the Hull York Medical School (HYMS), the Department of Health Sciences and the Department of Psychology. This provides you with access to the latest developments within many different research fields.

Our courses will open up your potential to become a future leader and innovator in biomedical sciences, by developing your scientific knowledge, analytical abilities and interpersonal skill set. Our commitment to the development of the tools required to succeed within and beyond your field has been recognised through the accreditation of our degree courses by the Royal Society of Biology.
OUR COURSES

**BSc Biomedical Sciences**
During the first two years, you will study fundamental human biology and the genetic, cellular and molecular basis of disease. These will be supported by modules focused on cellular and molecular biology, cancer, genetics, infectious diseases and immunology, neuroscience, and pharmacology. The curriculum is research-led, laboratory-focused and supported by modules in data analysis and science communication.

In your third year, you will choose specialist modules that allow you to focus your degree on your own research interests. You will also complete an independent research project, developing your laboratory skills, analytical abilities and ability to communicate your research findings and their importance.

**MBiomedSci Biomedical Sciences**
Our four-year integrated Masters degree provides you with a postgraduate-level qualification in Biomedical Sciences (MBiomedSci). During your final year, you will perform an extended research project, where you will work alongside biomedical scientists in a research laboratory within the Department. You will also complete distinct Masters-level modules in data analysis and research skills. The MBiomedSci provides you with a tremendous platform from which you can launch your career as a professional scientist, or go on to complete a PhD.

**Year in Industry**
Between your second and third years, you have the option of enhancing your experience and research skills by completing an integrated (often paid) 12-month placement in a pharmaceutical/biotechnology company, government agency or research institute. Obtaining a placement is competitive, but academic and support staff will provide you with assistance throughout the application process to maximise the likelihood of securing a suitable placement.

**Year in Europe**
Currently students can be placed at partner universities in France, Germany, Spain and Denmark. Students wishing to spend time on these programmes should have language abilities at least to AS or equivalent level and additional language training is available during the first two years at York.

As an alternative to a study placement, you can elect for a full-time laboratory placement during your third year, working on a research project in an internationally renowned European laboratory, either in a university or in a research organisation. There will be a choice of countries and institutions available. English is the accepted working language in these laboratories, but familiarity with the language of the host country will be useful for everyday life.

**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 choice of other modules that allow you to pursue your individual interests.

First year modules are likely to include the following:
- Introduction to Biomedical Sciences
- Molecular Biology and Biochemistry
- Microbiology
- Cell and Developmental Biology
- Genetics
- Laboratory and Professional Skills for Bioscientists
- Tutorials.

In the second year, provisional compulsory modules are:
- Understanding Health and Disease
- Pharmacology
- Immunology and Infection
- Tutorials.

Provisional optional modules include:
- Molecular Genetics and Development
- Genome Expression and Maintenance
- Neuroscience
- Cell Biology.

“Biomedical Sciences at York appealed because of the Department’s impressive academic reputation and its high student satisfaction results. The staff are knowledgeable and approachable, and I really enjoy the lab work. Lectures are tailored specifically for Biomed students.”

Carlotta (BSc Biomedical Sciences, 1st year)
Skills modules in the second year include sessions that address wider issues relating to the field of biomedical sciences, healthcare and related research, facilitate personal development and professional skills and support career development.

In your final year, you will study four taught modules and spend 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 Neuroscience, Specialised Topics in Infection and Immunity, and Cancer Cell and Molecular Biology.

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

Teaching involves lectures, group workshops, 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 biomedical science 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 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 and 60 per cent respectively. Assessment of the final year research project contributes 20 per cent of the overall degree mark.

ADMISSIONS

We welcome students from all over the world and consider all applicants on an individual basis. Our minimum entry standard is usually AAA (MiMedSci) or AAB (BSc), with A levels in Biology and Chemistry. For details of other acceptable qualifications, please go to york.ac.uk/study/undergraduate/applying/entry.

International students

We welcome applications from international students. Our website gives details of requirements for a wide range of international qualifications and you are welcome to contact the Admissions Tutors 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 all units.

YORK FUTURES

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28 or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

What our graduates do

Studying Biomedical Sciences develops critical thinking and research skills, and 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. Transferable skills acquired also open up other relevant careers including patent law, public health policy, and scientific writing.

Students receive excellent support while identifying a career path. A helpdesk is available for one-to-one careers discussions, advice on CVs and mock interviews. A careers conference features talks by alumni, often from the NHS and pharmaceutical industry, and employability workshops.

Recent graduate employment examples include:

▪ assistant technical officer in clinical trials
▪ clinical research associate
▪ research assistant
▪ global regulatory associate
▪ medical writing intern
▪ research scientist

and cover a wide range of employers, such as:

▪ York Teaching Hospital NHS Foundation Trust
▪ Worldwide Clinical Trials
▪ Reckitt Benckiser
▪ Costello
▪ Lonza
Chemistry

**National Student Survey 2018

Consistently ranked as a top ten Chemistry department in UK university league tables*

Scored 97% for student satisfaction**

The Department of Chemistry was the first department in the UK to receive an Athena SWAN Gold Award

Over £29m invested in professional-standard facilities, including teaching laboratories

Small group teaching delivered by award-winning academics recognised for their teaching and research

*Being in the labs has turned out to be the most enjoyable part of the course for me, where the feeling is relaxed and you can work at your own pace with no pressure. Postgraduates and academic staff are constantly available to provide help and guidance with the more difficult aspects of the work.*

Lee (MChem Chemistry, 3rd year)
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, 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 courses 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 £29m phased redevelopment, a £9.4m research building was completed in 2012, with a £10m undergraduate teaching laboratory and Green Chemistry Centre of Excellence added in 2014)

KEY FACTS

Admissions Tutor
Professor Andrew Parsons

Telephone
+44 (0)1904 322545

Website
york.ac.uk/chemistry

Email
chem-ugrad@york.ac.uk

TYPICAL OFFERS

A levels A’AA/AAB
IB Diploma Programme 37/35 points including HL 6 in essential subjects
BTEC National Extended Diploma DDD (only acceptable in conjunction with other qualifications)

Other qualifications

For details of other acceptable qualifications go to york.ac.uk/study/undergraduate/applying/entry

ESSENTIAL SUBJECTS

Chemistry A level at A grade, or equivalent
Another science subject or Mathematics is preferred

GCSE grade 5/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 LANGUAGE REQUIREMENT

IELTS 6.5 with at least 5.5 in all units

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, 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.

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CHEMISTRY COURSES

<table>
<thead>
<tr>
<th>Degree and Title</th>
<th>UCAS Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc (Hons) Chemistry</td>
<td>F100</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry with a year abroad (4 year)</td>
<td>F101</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry with a Year in Industry (4 year)</td>
<td>F102</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry with a year in York (4 year)</td>
<td>F103</td>
</tr>
<tr>
<td>BSc (Hons) Chemistry, Green Principles and Sustainable Processes</td>
<td>F190</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry, Green Principles and Sustainable Processes with a year abroad (4 year)</td>
<td>F191</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry, Green Principles and Sustainable Processes with a Year in Industry (4 year)</td>
<td>F192</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry, Green Principles and Sustainable Processes with a year in York (4 year)</td>
<td>F193</td>
</tr>
<tr>
<td>BSc (Hons) Chemistry, the Atmosphere and the Environment</td>
<td>F142</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry, the Atmosphere and the Environment with a year abroad (4 year)</td>
<td>F143</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry, the Atmosphere and the Environment with a Year in Industry (4 year)</td>
<td>F144</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry, the Atmosphere and the Environment with a year in York (4 year)</td>
<td>F145</td>
</tr>
<tr>
<td>BSc (Hons) Chemistry, Biological and Medicinal Chemistry</td>
<td>F152</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry, Biological and Medicinal Chemistry with a year abroad (4 year)</td>
<td>F153</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry, Biological and Medicinal Chemistry with a Year in Industry (4 year)</td>
<td>F154</td>
</tr>
<tr>
<td>MChem (Hons) Chemistry, Biological and Medicinal Chemistry with a year in York (4 year)</td>
<td>F155</td>
</tr>
<tr>
<td>Natural Sciences: see page 154</td>
<td></td>
</tr>
</tbody>
</table>

Courses are three years unless stated otherwise. Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28. You can also pursue a placement year as part of your degree: see page 20. |
- a wide choice of chemistry-related option modules
- an excellent record of industrial placements (49 for 2018/19)
- a flexible course structure
- a range of sponsorships.

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. In the 2018 survey, we had the best score among the 22 rated Russell Group universities in eight of the nine sections of the survey. We also have three members of staff recognised for ‘excellence of teaching’ by the Royal Society of Chemistry.
- Our Athena SWAN Gold award, for our commitment to women in science, was renewed in 2015 making us the longest holder of the Gold award on record.
- In the most recent Research Excellence Framework assessment, 94 per cent of the Department’s research activity was rated as ‘world-leading’ or ‘internationally excellent’.

OUR COURSES

We offer a choice of three-year BSc and four-year MChem degree courses in Chemistry, including modules specialising in green principles and sustainable processes, the atmosphere and the environment, and biological and medicinal chemistry. The MChem courses 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 courses are based on a modular system with a range of flexibility and choice, while ensuring you graduate as a fully qualified chemist. All of our 16 degrees are accredited by the Royal Society of Chemistry. The structure of the course 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 courses are designed to allow you to specialise. Whatever course 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 Spring Term 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.

BSc/MChem Chemistry

This is a mainstream Chemistry course, 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 with Green Technologies, Analytical and Forensic Chemistry, Reaction Intermediates and Mechanisms, and The Material World: Chemistry and Applications.

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 Reaction Intermediates and Mechanisms option describes how molecules which only exist for a fraction of a second may be characterised. The Material World: Chemistry and Applications option explores the latest advances in materials technology such as liquid crystals, biopolymers and nanomaterials.

I chose York because of the broad and interesting variety of modules. 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 learned throughout the year, and noticeably increased my capacity for problem solving and independent research.

Hannah (MChem Chemistry, Biological and Medicinal Chemistry, 2nd year)
**BSc/MChem Chemistry, Green Principles and Sustainable Processes**

These courses allow you to apply your chemical knowledge to green chemistry and learn the importance of sustainable technology. The Green Chemistry and Sustainable Manufacturing module covers the principles of green chemistry, including measuring greenness. Cleaner chemical technologies, such as use of supercritical fluids and microwaves, are highlighted, as well as biofuels and sustainable energy. Catalytic rather than stoichiometric chemistry is a key theme of green chemistry. Catalysis with Green Technologies looks at homogeneous and heterogeneous catalysis, as well as biocatalysis. Most biocatalysts are enzymes and the advantages of using cleaner biocatalytic alternatives in the fine chemical industry are explained.

**BSc/MChem Chemistry, the Atmosphere and the Environment**

This course 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: Origins, Evolution, Biogeochemistry and Climate, and Atmospheric Chemistry, 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, with any fieldwork costs covered by the Department.

**BSc/MChem 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. For example, proteins regulate chemical processes in living systems and are constructed in accordance with a code carried within DNA. In the Genes to Proteins module you learn how DNA sequences can be rearranged so that human proteins can be made by bacteria. Chemistry and Disease describes the development of chemotherapy and our understanding of the way in which drugs interact with the body. A knowledge of drug interaction helps us to minimise side-effects and increase the efficiency of therapy by targeting drug delivery. Molecular aspects of complex diseases, including Alzheimer’s disease, are covered, as are modern strategies for drug design, including computational techniques.

**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 course 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 require support in these areas, such as those who have not studied these subjects at A level or equivalent).

In Year 2, 100 out of 120 credits are made up of core Chemistry modules and practical work is common to all Chemistry courses. The remainder consists of an option module chosen by you during Year 1. Option modules are self-contained although they clearly relate to core Chemistry.

In Year 3 the BSc and MChem courses diverge. All students take a 20-credit option, while MChem students choose two additional 10-credit options (which are chosen during Year 2). Students on the BSc course 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. For all students, study in Year 4 also involves open learning courses delivered via Yorkshare (the University of York’s virtual learning environment, VLE) on advanced chemistry topics, whereas students at our partner universities may choose from the lecture courses those universities offer.

We are constantly refreshing our choice of option modules; please see our website for details.

**TEACHING AND LEARNING**

**Lectures and tutorials**

The principal method of teaching is through lectures, around eight per week, the size of which varies from over 180 students to as few as 10–15 for some option modules. Forming an important part of our courses, weekly tutorials and/or workshops (in Years 1–3) develop a wide range of skills from problem solving to extended writing, or preparing a talk to give in the tutorial. Tutorials are used to reinforce topics covered in lectures, but they are also an opportunity for you to discuss aspects of the subject that interest you and ask about any problems you have encountered in your reading. Our small group teaching is done in the Department.

Tutorials relating to core modules are organised on a college basis. Each student and each tutor is a member
of a Chemistry teaching college, and a minimum of five staff in your college will arrange your tutorial programme and guide your work. One of your college tutors will also act as your personal supervisor who monitors your academic progress and is available for more personal discussions. This continuity of teaching and the small size of the groups (four or five students) make it easier for you to get to know your tutors, and you are welcome to seek help from them whenever you need it. Tutorials and workshops for option modules are given by teaching staff running the options – this helps you to get to know those lecturers who specialise in the areas of your particular interest.

**Laboratory work**
Practical chemistry complements your theoretical studies and constitutes most of the continuously assessed parts of your degree. A wide variety of experiments are carried out, from the synthesis of target compounds to quantifying the capsaicin content in chillies. Our extensive state-of-the-art teaching laboratories (including 80 two-person fume cupboards) were opened in spring 2014. We promise students a minimum of one metre of fumehood space and one metre of bench space. The laboratories include a computational lab and dedicated analysis labs, offering an extensive range of modern instrumentation, including spectrometers (FTIR, UV-VIS and NMR) and chromatographic apparatus to identify and analyse compounds (we have invested around £400,000 in new instrumentation over the past six 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.

In Year 1 we focus on you gradually developing a range of key practical skills. In the first two terms, you will be in the lab one day per week and will receive regular formative feedback. You are assessed directly on your practical skills via a series of short technique tests, done in the lab at the end of term.

We have developed our own online resources to support the teaching of introductory skills in practical chemistry and many are available on YouTube.

**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 course this can be done within the Department, but in the case of options relating to environmental chemistry we arrange visits and excursions.

**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) course, 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 laboratories and instrumentation that the Department has to offer.

Specialist research centres include the Centre for Hyperpolarisation in Magnetic Resonance, the Wolfson Atmospheric Chemistry Laboratories, and the Green Chemistry Centre of Excellence.

Students on the MChem abroad and MChem industry courses 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.

Currently, 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.

Students on programmes with an industrial placement are not guaranteed a placement but the Department will do all it can to find a suitable placement. Students who are not successful in obtaining a placement will be transferred to the Year in York programme.

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 Forum. Here you can put forward constructive criticisms and recommendations about your course, and play a part in the discussions involved in the revision of courses.

**YEAR ABROAD**

Studying abroad during your Chemistry degree will enrich your education by giving you direct experience of living in another culture (see page 28). It also prepares you for a career in a competitive and global job market.

**YORK FUTURES**

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in your department, see york.ac.uk/study/undergraduate/study-abroad.

**ASSESSMENT**

You 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.

<table>
<thead>
<tr>
<th>Year</th>
<th>Examinations</th>
<th>Assessed coursework*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>End-of-module examinations</td>
<td>Laboratory work</td>
</tr>
<tr>
<td>2</td>
<td>End-of-module examinations</td>
<td>Laboratory work in core Chemistry</td>
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<tr>
<td></td>
<td></td>
<td>Coursework related to options</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Group exercises</td>
</tr>
<tr>
<td>3</td>
<td>End-of-module examinations</td>
<td>Coursework related to options</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For BSc students:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Research-based work</td>
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<tr>
<td></td>
<td></td>
<td>For MChem students:</td>
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<tr>
<td></td>
<td></td>
<td>Advanced techniques</td>
</tr>
<tr>
<td></td>
<td></td>
<td>practical course</td>
</tr>
<tr>
<td>4</td>
<td>End-of-module examination</td>
<td>Research project</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(report and oral examination)</td>
</tr>
</tbody>
</table>

*We also have assessed workshops in most core modules.

**BURSARIES**

The Department typically offers a minimum of ten scholarships for UK-based students and up to ten scholarships for overseas students (york.ac.uk/chemistry/undergraduate/sponsorship). All Chemistry students receive a Teaching Package free of charge, which includes lab specs, a lab coat, a full set of laboratory equipment, lecture handouts, 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 currently offers at least 15 vacation research bursaries, for our first and second year students. This allows students to 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 our offers can vary to match individual cases. We select applications on the basis of potential and will take account of evidence of educational, social, health or other personal disadvantage.

Offers to applicants for the MChem courses are the same as for BSc ones, except that applicants wishing to be considered for the year abroad are generally expected to have a minimum of GCSE grade 5/B in the appropriate language (except in Australia, Canada, Finland, India, New Zealand, Singapore and the US).

For applicants who are based in the UK and whose application meets our selection criteria, we require you to visit the Department before considering you for an offer. You can visit the Department in two different ways:

- If you have visited us on an Open Day and received an offer to study at York, you will be given another opportunity to visit us before you make your decision.
- If you have never visited us, but you have applied to study at York, we will invite you to a pre-offer visit day. This allows you to see the campus, Department, teaching facilities and meet members of staff, and allows us to learn a bit more about you. To give an insight into university-level Chemistry teaching and research you may like to enrol on our free online course (Exploring Everyday Chemistry), which starts on 1 July 2019 (york.ac.uk/study/moocs). Topics include searching for new antibiotics and designing performance-enhancing sportswear.

**What our graduates do**

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.

A total of 93.3 per cent of our Chemistry graduates were employed or in further study six months after graduation.*

Recent graduate employment examples include:

- research and development chemist
- environmental scientist
- patent attorney
- regulatory officer
- business development manager
- science teacher

and cover a wide range of employers, such as:

- AstraZeneca
- Unilever
- Johnson Matthey
- Royal Society of Chemistry
- PwC
- Nestlé

*Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)
Computer Science

Our graduates are highly regarded by employers, thanks to our teaching excellence, purpose-built facilities and strong collaboration with industry.

First-class teaching blends theory and practice in a world-class research environment

Dedicated purpose-built facilities, including hardware and software laboratories

Excellent career prospects – our graduates are highly sought after in the workplace

Industrial placements at leading organisations are available on all courses

Courses are accredited by BCS – the Chartered Institute for IT, and the Institution of Engineering and Technology

The Department is incredibly supportive. Staff work hard to make sure that students have a balanced workload and they always have an open door for any problems or queries. There’s a wonderful atmosphere of openness and everyone is always genuinely interested in the research and study happening around them.

Willow (BEng Computer Science, 2nd year)
STUDYING COMPUTER SCIENCE

Computer Science is arguably the most impactful and far-reaching science of our age. Few sciences touch so many lives and even fewer have such broad applications and influence. From communications to business, from medicine to travel, engineering and entertainment, computers are integral to every one of these industries. At York we put the emphasis firmly on the ‘science’ of computing, challenging our students to develop a deep understanding of computer systems and computation.

You learn how modern computers are structured internally and how electronic circuits implement computation; you enhance your programming skills and learn how user interfaces such as Windows can schedule multiple programs to run at the same time; and you discover how computers communicate over the internet and other networks.

As your studies advance, you delve deeper and learn how to embed computing devices into larger systems, increasing their efficiency and intelligence. You can learn about artificial intelligence, a cornerstone of the gaming and robotics industry, but also key to other industries, for example enabling computers to perform medical diagnoses from a pattern of physical symptoms.

The possibilities in Computer Science are as unbounded as your creativity and technical ability.

KEY FACTS
Admissions Tutor
Dr William Smith
Telephone
+44 (0)1904 325412
Website
york.ac.uk/computer-science
Email
cs-ug-admissions@york.ac.uk

TYPICAL OFFERS
A levels
BEng/BSc: AAB/ABB including Mathematics
MEng/MMath: AAA/AAB including Mathematics
IB Diploma Programme
BEng/BSc: 35/34 points including 6 at HL in Mathematics
MEng/MMath: 36/35 points including 6 at HL in Mathematics
BTEC National Extended Diploma
BEng/BSc: DDD/DDM, plus grade A/B in A level Mathematics
MEng/MMath: DDD, plus grade A in A level Mathematics
Other qualifications
For details of other acceptable qualifications go to cs.york.ac.uk/undergraduate

ESSENTIAL SUBJECTS
Mathematics at A level or equivalent required for all courses
Mathematics grade A at A level or equivalent required for GG41, GGK1, GG14, GG1K
GCSE English Language at grade 4/C or above
GCSE Physics or Double Science or Science and Additional Science at grade 4/C or above

ENGLISH LANGUAGE REQUIREMENT
IELTS 6.5 with at least 6.0 in all units

STUDYING COMPUTER SCIENCE COURSES

BEng/BSc (Hons) Computer Science
BEng/BSc (Hons) Computer Science with a Year in Industry (4 year)
MEng (Hons) Computer Science (4 year)
MEng (Hons) Computer Science with a Year in Industry (5 year)
MEng (Hons) Computer Science with Artificial Intelligence (4 year)
MEng (Hons) Computer Science with Artificial Intelligence with a Year in Industry (5 year)
MEng (Hons) Computer Science with Cyber Security (4 year)
MEng (Hons) Computer Science with Cyber Security with a Year in Industry (5 year)
BSc (Hons) Computer Science/Mathematics (Equal)
BSc (Hons) Computer Science/Mathematics (Equal) with a Year in Industry (4 year)
MMath (Hons) Mathematics/Computer Science (Equal) (4 year)
MMath (Hons) Mathematics/Computer Science (Equal) with a Year in Industry (5 year)
BEng/BSc (Hons) Computer Science
MEng (Hons) Computer Science
MEng (Hons) Computer Science with Artificial Intelligence
MEng (Hons) Computer Science with Artificial Intelligence with a Year in Industry (5 year)
MEng (Hons) Computer Science with Cyber Security
MEng (Hons) Computer Science with Cyber Security with a Year in Industry (5 year)
BSc (Hons) Computer Science/Mathematics
BSc (Hons) Computer Science/Mathematics (Equal) with a Year in Industry (4 year)
MMath (Hons) Mathematics/Computer Science
MMath (Hons) Mathematics/Computer Science (Equal) (4 year)
MMath (Hons) Mathematics/Computer Science (Equal) with a Year in Industry (5 year)
BSc (Hons) Computer Science/Mathematics
BSc (Hons) Computer Science/Mathematics (Equal) with a Year in Industry (4 year)
MMath (Hons) Mathematics/Computer Science
MMath (Hons) Mathematics/Computer Science (Equal) (4 year)
MMath (Hons) Mathematics/Computer Science (Equal) with a Year in Industry (5 year)

Courses are three years unless stated otherwise.
Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28.
You can also pursue a placement year as part of your degree: see page 20.
On graduation, you will be qualified for a career in the most exciting and high profile science in the world today. Your qualification will stand you in good stead to work in the computing and IT sectors, but also in science, engineering, entertainment, finance and a host of industries which depend upon computing and IT systems to function and develop.

**COMPUTER SCIENCE AT YORK**

In the most recent Research Excellence Framework assessment, 90 per cent of the research activity of the Department of Computer Science at York was rated as ‘world-leading’ or ‘internationally excellent’. In the Times Higher Education’s ranking of the 2014 REF assessment, the Department was fifth in the UK for the impact on society of our research.

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 state-of-the-art facilities ensures our students are up to date on current trends, reflected in our excellent graduate employment statistics: a recent destination survey of graduates with Computer Science degrees showed that 92.9 per cent were employed or in further study within six months of graduating.* 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 your focus on what interests you and allows a greater exercise of your creativity. This is especially true of the third year individual project in which your own particular interests can be given full rein. During your time with us, you will have access to excellent computing and other laboratory facilities, which we update regularly.

Our purpose-built accommodation on Campus East includes large dedicated laboratory spaces for undergraduate students accessible 24 hours a day, seven days a week.

*Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)

**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 Cyber Security.

You can also choose to combine your study of Computer Science with Mathematics. You study both Computer Science and Mathematics 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 an integrated 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 integrated Masters course
- **BEng** or **BSc Computer Science**, a three-year Bachelors course

Computer Science is the most broad-ranging of our degree courses. After the foundational core content, optional modules in the third and fourth year can be taken from our whole range of streams, and your third year project can be in any area of computer science.

Computer Science is available as both a three-year Bachelors degree (you can decide whether your final degree award is BSc or BEng) or a four-year integrated Masters degree (MEng).

**Computer Science with a specialism**

Our courses with a specialism enable students to develop a high level of understanding and technical skill as well as providing a solid foundation of core Computer Science material. Courses with a specialism are only available as an integrated Masters.

- **MEng Computer Science with Artificial Intelligence**
  You will investigate how human reasoning and behaviour can be imitated, and even surpassed, by computer systems, for example in language understanding, vision and games.

- **MEng Computer Science with Cyber Security**
  This course will provide you with a solid foundation in the principles and practices of both fields, including coding, mathematics and basic engineering.
It will give you breadth in computer science and related technical disciplines, and advanced training in focused areas of your choice including secure systems, cryptography and forensic analysis of incidents.

**Computer Science and Mathematics**

We offer the following courses combined with Mathematics:

- **MMath Mathematics/Computer Science**, a four-year integrated 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 139.

**Integrated 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. An integrated 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. The majority of 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.

**The option of a Year in Industry**

All our courses come with the option to take a Year in Industry, offering 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 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, Goldman Sachs and BAE Systems are just a few examples of companies which have offered our students placements. For more companies and student views on placements, please visit 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 Manager brings world-class companies onto 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, and counts for part of the training you need to become a Chartered Engineer (CEng).

Students on courses with an industrial placement are not guaranteed a placement but the Department will do all it can to find a suitable placement. Students who are not successful in obtaining a placement will be transferred to the standard course.

"Computer Science is often software-centric, but I like how York balances this with a focus on hardware. The Department ethos is first class: informal but hard-working."

Jashan (MEng Computer Science with Artificial Intelligence, 2nd year)
WHAT YOU STUDY

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

- Theory
- Systems and Devices
- Software
- Human-Computer Interaction
- Data.

The second year extends the foundational aspects taught in the first year and introduces themes such as intelligent systems, software engineering practices and networks.

In the third and fourth years, there is a variety of modules to choose from, in areas such as machine learning, advanced computer architectures, computer vision, programming language paradigms, game intelligence, quantum computing, real-time systems and cyber security, all of which are closely related to the cutting-edge research activity in the Department. This guarantees both the academic excellence of the content and the freshness of delivery. Finally, both individual and group project-based learning are a significant part of the final years of your course. For the individual project you can choose from a large list of projects or define your own, according to your interests.

If you would like fuller details on all of our degree courses, visit cs.york.ac.uk/undergraduate. The range of modules that we offer is subject to change. This is to ensure that our courses reflect the latest advances in Computer Science.

TEACHING AND LEARNING

You will be taught through a series of lectures, with associated laboratory practical classes, problem classes and programming classes. In a typical week you will have 15 to 20 contact hours of study.

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.

In the first year, we also run sessions to allow you to develop the skills, knowledge and independent learning appropriate for a new Computer Science student.

During practical sessions, you will work individually, in pairs and in small teams. Throughout the course we place an importance on project-based learning.

Each student has a personal supervisor, who is responsible for guiding your studies. You will meet with your supervisor 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. When you reach the individual project stage of your course you will be given a supervisor who is a specialist in the subject area associated with your project.

YORK FUTURES

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

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. Currently, around 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 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.
ADMISSIONS

If we receive your application form and are impressed by your grades, personal statement and references, we will invite you to attend an interview. Alongside your UCAS application, your performance at interview is one of the factors we consider when making a decision on the level of offer that we may give you.

In the case of applicants living outside the UK, interviews are conducted via Skype. The Department welcomes applications from mature candidates. However, you will still need a high-level qualification in Mathematics to at least grade A at A level standard. Mature applicants are invited to contact the Admissions Tutor for an informal discussion before applying.

What our graduates do

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 total of 92.9 per cent of our Computer Science graduates were employed or in further study six months after graduation.*

Recent graduate employment examples include:

- analyst
- games programmer
- IT consultant
- self-employed
- software engineer
- teacher

and cover a wide range of employers, such as:

- Morgan Stanley
- European Space Agency
- BAE Systems
- Rapita Systems
- Sky
- Sophos

*Destinations of Leavers from Higher Education survey 2016/17 (HESA) (UK full-time students)
Economics and Related Studies

One of the largest UK Economics departments, offering a great diversity of expertise

Learning through interaction with leading academics in small group seminars

High employability: graduates recruited by EY, PwC, Government Economics Service, Grant Thornton, Goldman Sachs and Barclays

Joint eighth in the UK for research impact*

Opportunity to spend a year abroad

I chose York because of its prominence in Economics and Econometrics research, a field that really interests me and one in which I hope to eventually work. There is a huge emphasis on supervision – every student has the privilege to be tutored by a leading academic.

Wira (BSc Economics, 2nd year)

*Times Higher Education’s ranking of the Research Excellence Framework 2014
ECONOMICS COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>BSc (Hons) Economics</td>
<td>L100</td>
</tr>
<tr>
<td>BSc (Hons) Economics and Finance</td>
<td>L112</td>
</tr>
<tr>
<td>BSc (Hons) Economics and Econometrics</td>
<td>L144</td>
</tr>
<tr>
<td>BSc (Hons) Economics, Econometrics and Finance</td>
<td>L124</td>
</tr>
<tr>
<td>BA (Hons) History/Economics (Equal)</td>
<td>VL11</td>
</tr>
<tr>
<td>BSc (Hons) Economics/Mathematics (Equal)</td>
<td>LG11</td>
</tr>
<tr>
<td>BSc (Hons) Mathematics/Finance (Equal)</td>
<td>GL11</td>
</tr>
</tbody>
</table>

Combined courses in the School of Politics, Economics and Philosophy: see page 180

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>BA (Hons) Economics/Philosophy (Equal)</td>
<td>LV15</td>
</tr>
<tr>
<td>BA (Hons) Economics/Politics (Equal)</td>
<td>LL12</td>
</tr>
<tr>
<td>BA (Hons) Philosophy, Politics and Economics</td>
<td>LOVO</td>
</tr>
</tbody>
</table>

Courses are three years unless stated otherwise.

Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28. You can also pursue a placement year as part of your degree: see page 20.

**KEY FACTS**

<table>
<thead>
<tr>
<th>Admissions Tutor</th>
<th>Dr Joao Madeira</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone</td>
<td>+44 (0)1904 323084</td>
</tr>
<tr>
<td>Website</td>
<td>york.ac.uk/economics</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:econ-ug-admissions@york.ac.uk">econ-ug-admissions@york.ac.uk</a></td>
</tr>
</tbody>
</table>

**TYPICAL OFFERS**

<table>
<thead>
<tr>
<th>A levels AAB</th>
<th>A levels AAA for VL11, LG11, GL11</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTEC National Extended Diploma</td>
<td>DDD (may vary for combined courses)</td>
</tr>
<tr>
<td>Other qualifications</td>
<td>Mathematics A level grade A or equivalent</td>
</tr>
<tr>
<td></td>
<td>VL11: History and Mathematics A level grade A or equivalent</td>
</tr>
</tbody>
</table>

**ESSENTIAL SUBJECTS**

<table>
<thead>
<tr>
<th>Mathematics A level grade B or equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>IELTS 6.5 with at least 6.0 in all units</td>
</tr>
</tbody>
</table>

**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 the relations between economic players in 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. Among our academic staff are economists, econometricians, statisticians and economic historians. Our undergraduates come from many different backgrounds and from all parts of the UK and abroad.

The size of the Department and the diversity of expertise of the staff enable us to offer you a wide choice of high quality modules, especially in Year 2 and Year 3 of each degree. Our dedication to research means that you are taught by those in the forefront of their subject. Our central objective is to combine the advantages of a large department with a commitment to personal teaching and supervision.

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 COURSES
We offer a number of different degree courses within the Department and have combined degrees with the Departments of History, Mathematics, Politics and Philosophy.

WHAT YOU STUDY
In the first year, you will develop a solid knowledge base to prepare you for the more flexible second and third years. You will begin to explore a wide range of tools and concepts, covering everything from small scale economic decisions at individual and local levels through to issues that affect national and international economies. Alongside the Economics modules you study, you will take Mathematics and Statistics modules. Having skills in all of these areas is essential to helping you succeed in your course.

Degrees with Econometrics
Our courses involving econometrics are ideal if you are looking for a career involving data-based research. You will develop an understanding of the methods that professional economists use to model the economy and test theories against evidence. You will receive thorough training designed for students with an aptitude for mathematics and statistics.

“
I have really enjoyed the variety of work, from learning economic models which illustrate the relationships between variables like inflation and unemployment, to using econometrics to test these relationships, and considering problems in international development. Knowing that everything I have learnt can be applied to the real world is immensely rewarding.

Usama (BSc Economics, 3rd year)

"
Combined degrees with Economics

In the first year you will take a mix of introductory modules in economics and modules from your other chosen subject area. In your second year, you will study key economic concepts such as microeconomics, macroeconomics and econometrics. Your third year is very flexible, allowing you to tailor your degree with our range of option modules.

BA History/Economics (Equal)

The ability to draw conclusions from past economic events is an important skill for all economists. This joint degree combines the two disciplines in an intellectually challenging course that develops practical and theoretical skills valued by employers. Using innovative student-centred teaching methods on a diverse portfolio of modules, the degree provides advanced training in techniques of qualitative and quantitative data analysis and develops excellent written and oral communication.

BSc Economics/Mathematics (Equal)

You will learn how to use mathematical tools to solve economic problems. You will develop the skills you need to design the analytical economic models we need to create prediction and policy recommendations. For further information see the Mathematics entry on page 139.

BSc Mathematics/Finance (Equal)

You will take modules within mathematics, statistics and financial economics. Mathematical finance is an increasingly technical profession. This course will give you the quantitative skills you need to succeed in this field. For further information see page 142.

Politics, Economics and Philosophy

For information on our combined degrees with Philosophy and Politics, see the entry for the School of Politics, Economics and Philosophy, on page 180.

Environment, Economics and Ecology

If you are particularly interested in the impact of economic development on environmental issues, you may like to explore our course in Environment, Economics and Ecology in the Department of Environment and Geography (see page 108).

TEACHING AND LEARNING

As a student at York, you will have a supervisor who keeps in touch with you throughout your course and provides support when you need it. You will have regular meetings with your supervisor to discuss feedback from course tutors and any difficulties you may have. Throughout your course, you are expected to do a considerable amount of independent study alongside attending classes and supervision. 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 through lectures and supporting tutorials and seminars.

Lectures introduce you to a topic or area of study. 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 will normally be able to transfer to another one within the Department.

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When you successfully complete the first year of any of the departmental degrees, you will normally be able to transfer to another one within the Department.

The Economics course in York strikes a great balance between economic theory in the first two years and its application in the final year of study. 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, such as classes in Arabic.

Sharifah (BSc Economics, 3rd year)
ASSESSMENT
We use a variety of assessment methods to measure your progress throughout your course. For the most part, these consist of written examinations, written projects and long essays. You will receive grades and feedback from tutors on all of your essays and written exercises. Your final degree mark is based on the work you do in Years 2 and 3.

YEAR ABROAD
Students on our single honours courses can apply to add a year abroad on our three-plus-one pathway (between years 2 and 3). If you choose this option, you apply for the standard three-year programme and then apply to add a year once you are studying with us.

YORK FUTURES
If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28 or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

ADMISSIONS
We are looking for motivated, disciplined individuals. If you want to know more about studying in the Department, please contact our Admissions Tutor.

The information contained in the UCAS application gives us a general indication of your academic potential. We usually make offers based on the evidence presented in your application. However, if your background and record are unusual, or cannot be adequately presented in your UCAS application, then we may contact you for further information. Everyone who receives an offer is invited for a visit to the University and the Department. This enables you to see the campus and meet staff and current students.

What our graduates do
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.

A good proportion of our graduates go on to complete further study and research at leading graduate schools in the UK and abroad, including here at York.

Recent graduate employment examples include:
- trainee health economist
- actuarial trainee
- financial analyst
- economist
- trainee accountant
- global news reporter

and cover a wide range of employers, such as:
- EY
- PwC
- Government Economic Service
- Grant Thornton
- Goldman Sachs
- Bank of England
Education

*Times Higher Education World University Rankings by Subject 2019*

**Research Excellence Framework 2014**

In the world top 100 for education*

Ninth highest proportion of research designated as ‘world-leading’ among education departments**

An international reputation for research and teaching by high calibre staff

Strong links with schools and the National STEM Learning Centre, located on campus

In the world top 100 for education*

Ninth highest proportion of research designated as ‘world-leading’ among education departments**

An international reputation for research and teaching by high calibre staff

Strong links with schools and the National STEM Learning Centre, located on campus

The staff in Education at York are so approachable that you feel comfortable asking any questions. Our modules are fascinating and the quick turnover of units is excellent, encouraging you to consider different perspectives.

Rebecca (BA Education, 2nd year)
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 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 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. Many topics will be covered in your course, 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. You can study educational systems from a variety of different perspectives and choose modules which cover your current interests or help you to develop new ones.

Our research explores the psychological processes involved in learning, how social class relates to educational opportunities, the part literature plays in the curriculum and much more. Our undergraduate courses will not qualify you as a teacher. However, they are good preparation for a range of postgraduate initial teacher training courses, which many of our students go on to complete.

Developing employability skills

You will develop important transferable skills such as data analysis, critical thinking, networking and project management through your academic modules, careers workshops and employability fairs.

We place great emphasis on making our graduates employable and organise regular events and activities to introduce you to a range of career pathways in education. We host guest speakers from educational consultancies, businesses, charities, local government and schools, providing you with opportunities to seek advice, make contacts and gain inspiration. Many of our students apply for a placement study or take optional modules that involve collaborating with professionals in the workplace. Away from your studies, you can choose to take part in York Students in Schools, York Students in Communities and other opportunities through the University’s Careers and Placement team. This gives you the opportunity to build experience in schools.

You can choose to take a placement year between your second and third year. This is a chance to gain valuable employment experience. For more details see york.ac.uk/students/placement-year.

EDUCATION COURSES

| BA (Hons) Education | X300 |
| BA (Hons) English in Education | X302 |
| BSc (Hons) Psychology in Education | CX83 |
| BA (Hons) Sociology/Education (Equal) | LX33 |

Courses are three years unless stated otherwise.

Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28.

You can also pursue a placement year as part of your degree: see page 20.

KEY FACTS

Admissions Tutor
Elpis Pavlidou
Telephone
+44 (0)1904 324395
Website
york.ac.uk/education
Email
educ525@york.ac.uk

TYPICAL OFFERS

A levels
ABB for CX83, LX33
BBB for X300, X302
A reduced offer may be available where an EPQ is taken alongside three A levels or equivalent

IB Diploma Programme
34/31 points

BTEC National Extended Diploma
DDM

Other qualifications
For details of other acceptable qualifications go to york.ac.uk/study/undergraduate/applying/entry

ESSENTIAL SUBJECTS

For CX83, at least one science at A level or equivalent (can include Psychology), and GCSE Mathematics grade 4/C, or equivalent

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 5.5 in all units

UCAS

BA (Hons) Education
BA (Hons) English in Education
BSc (Hons) Psychology in Education
BA (Hons) Sociology/Education (Equal)
Student/staff communication
Excellent communication channels exist between students and staff. We encourage students to share their views with the undergraduate teaching team. Throughout your course, you will have opportunities to let us know how we are doing through dedicated student representatives. You will also have an individual academic supervisor, who will keep in touch with you throughout your studies and offer support whenever you need it.

OUR COURSES
We offer single subject honours degrees in Education, English in Education and Psychology in Education. We also offer a combined degree in Sociology and Education.

WHAT YOU STUDY
You will delve into a range of theoretical perspectives and explore a number of academic disciplines.

We encourage our students to keep up to date with current debates regarding educational theory, policy and practice.

In your first year, you will develop a solid foundation of what it means to study education in an academic setting.

The aim of Year 1 is to provide you with a unifying vision and perspective regarding education as a field of academic enquiry. All modules in Year 1 are core and compulsory. In Years 2 and 3, you will continue to study some compulsory modules but will also be able to choose a number of option modules. The work you do during these two years is what counts towards your final mark. In Year 3 you complete a dissertation based on personal research, supported by workshops and an academic supervisor. For a full list of the modules currently available please refer to the Department’s undergraduate study web pages.

BA Education
You will study the field of education from a variety of perspectives. This course brings together a number of academic disciplines to help you engage in a critical reflection on the aims and values of education. It is designed to appeal to students who are interested in a range of roles within education, including consultancy, policymaking, guidance and counselling, resource design and teaching.

BA English in Education
In this course, you will study how education relates to language and literature. You will learn about key educational issues, including how and why English language and literature are taught. You will learn how to analyse representations of education in literature and think about their impact on our perceptions of education. Our range of option modules means that you can also choose to study education from other perspectives, giving you a rounded view of the field. This will appeal to students interested in primary or secondary English teaching, or in careers in the media, the arts or educational outreach.

BSc Psychology in Education
This course is for you if you are interested in applying psychological theory and practice to education. The course is accredited by the British Psychological Society, which is essential for subsequent postgraduate doctoral courses in Clinical and Educational Psychology. You will study cognitive, social, developmental and biological aspects of psychology, while building your understanding of educational contexts. As well as a sound theoretical foundation in two academic disciplines, you will develop a range of transferable skills, highly desired by future employers and for further academic study or professional training. The Department has dedicated Psychology in Education laboratory facilities.

“I chose the course at York because I want to work with children but not necessarily in schools. The degree has given me the opportunity to work with young people in different contexts and has been really fun and interesting.”

Anna (BSc Psychology in Education, 3rd year)
BA Sociology/Education

This combined joint honours degree is specifically designed to appeal to students who have an interest in both the field of education and the discipline of sociology. You will explore the social processes and educational contexts that shape and characterise learning and development in contemporary societies. In addition, you will study the field of education from a variety of theoretical perspectives and get a taste of a range of academic disciplines. For further information see the Sociology entry on page 199.

YORK FUTURES

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

Note that study abroad and placements are subject to British Psychological Society guidelines for BSc Psychology in Education students.

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. You will receive written and oral feedback from tutors to help you to develop skills essential for your success within your course and beyond.

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. General Studies is accepted for our Bachelor of Arts degrees. Students who intend to proceed to a PGCE course should be aware that GCSE or equivalent passes at grade 4/C or above in Mathematics and English Language and, for primary, a science, are required for all entrants to the teaching profession.

Your UCAS application and personal statement should convince us that you have a commitment to the study of Education. We want to make sure that you have the intellectual and organisational skills required to structure your time at university successfully and a willingness to engage creatively with tutors and fellow students. Single honours candidates who are made an offer are invited to attend a group visit. Some candidates with non-standard backgrounds may be invited for interview. In the case of candidates for the combined honours degree, admissions selectors read the application forms and, in consultation with the Department of Sociology, may invite candidates for interview.

What our graduates do

Our degree courses are designed to prepare you for a variety of careers such as adult education, journalism, the Civil Service, educational research, publishing, and early years or primary teacher training among others.

All our courses 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).

Recent graduate employment examples include:

- trainee educational and child psychologist
- trainee primary school teacher
- consulting analyst

and cover a wide range of employers, such as:

- local authorities
- Deloitte
- Lloyds Banking Group
- English as a foreign language teacher
- research associate
- educational charity worker
- BBC
- Stroke Association
- Rolls Royce
Electronics and Engineering

*Develop the skills to become an innovative engineer and make a lasting impact*

Scored 95% student satisfaction*

Dedicated electronics and computing laboratories, an industry-standard clean room and recording studios

Courses accredited by the Institution of Engineering and Technology

Committed to gender equality and hold an Athena SWAN Bronze award

97.2% of York graduates were employed or in further study six months after graduation**

I chose York because of the wide variety of module choices. The diversity of the lecturers’ research specialisms really shines through in the course. In labs we put into practice what we are taught in lectures – this is a great way to learn, as anything you are unsure of quickly becomes clear.

Conor (BEng Electronic Engineering with a Year in Industry, 2nd year)

*National Student Survey 2018
**Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)
ENGINEERING COURSES

BEng (Hons) Electronic Engineering
H610

BEng (Hons) Electronic Engineering with a Year in Industry (4 year)
H611

MEng (Hons) Electronic Engineering (4 year)
H609

MEng (Hons) Electronic Engineering with a Year in Industry (5 year)
H608

BEng (Hons) Electronic and Computer Engineering
H634

BEng (Hons) Electronic and Computer Engineering with a Year in Industry (4 year)
H635

MEng (Hons) Electronic and Computer Engineering (4 year)
H639

MEng (Hons) Electronic and Computer Engineering with a Year in Industry (5 year)
H638

BEng (Hons) Electronic and Communication Engineering
H621

BEng (Hons) Electronic and Communication Engineering with a Year in Industry (4 year)
H622

MEng (Hons) Electronic and Communication Engineering (4 year)
H629

MEng (Hons) Electronic and Communication Engineering with a Year in Industry (5 year)
H628

BEng (Hons) Electronic Engineering with Business Management
H6N2

BEng (Hons) Electronic Engineering with Business Management with a Year in Industry (4 year)
H6N3

MEng (Hons) Electronic Engineering with Business Management (4 year)
H6NG

MEng (Hons) Electronic Engineering with Business Management with a Year in Industry (5 year)
H6NF

BEng (Hons) Electronic Engineering with Nanotechnology
H6F3

BEng (Hons) Electronic Engineering with Nanotechnology with a Year in Industry (4 year)
H6F4

MEng (Hons) Electronic Engineering with Nanotechnology (4 year)
H6FH

MEng (Hons) Electronic Engineering with Nanotechnology with a Year in Industry (5 year)
H6FG

BEng (Hons) Electronic Engineering with Music Technology Systems
H667

BEng (Hons) Electronic Engineering with Music Technology Systems with a Year in Industry (4 year)
H661

MEng (Hons) Electronic Engineering with Music Technology Systems (4 year)
H669

MEng (Hons) Electronic Engineering with Music Technology Systems with a Year in Industry (5 year)
H668

BEng (Hons) Music Technology Systems
H663

BEng (Hons) Music Technology Systems with a Year in Industry (4 year)
H664

MEng (Hons) Music Technology Systems (4 year)
H666

MEng (Hons) Music Technology Systems with a Year in Industry (5 year)
H665

BEng (Hons) Electronic Engineering with Foundation Year (4 year)
H604

BEng (Hons) Music Technology Systems with Foundation Year (4 year)
H662

MEng (Hons) Engineering (4 year)
H109

MEng (Hons) Engineering with a Year in Industry (5 year)
H108

MEng (Hons) Medical Engineering (4 year)
H119

MEng (Hons) Medical Engineering with a Year in Industry (5 year)
H118

MEng (Hons) Micro-mechanical Engineering (4 year)
H319

MEng (Hons) Micro-mechanical Engineering with a Year in Industry (5 year)
H318

MEng (Hons) Robotic Engineering (4 year)
H659

MEng (Hons) Robotic Engineering with a Year in Industry (5 year)
H658

Natural Sciences: see page 154

Courses are three years unless stated otherwise.

Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28.

You can also pursue a placement year as part of your degree: see page 20.
STUDYING ENGINEERING

Engineers are at the forefront of designing innovative technology to meet society’s ever-evolving needs. Engineering is one of the world’s largest and fastest-growing industries, in which well-qualified graduates are in high demand.

We use things that were designed by engineers everyday. Mobile devices, such as smartphones and tablets, interact seamlessly enabling us to stay connected wherever we are. Transport systems, from cars to aeroplanes, depend entirely on modern electronic and micro-mechanical devices and systems. The robots used to assemble these systems, which are constructed using the latest materials and manufacturing methods, are directed by electronic control systems. Hospitals rely heavily on electronics and micro-mechanical devices at every stage of patient care, from surgery to vital signs monitoring and drug delivery.

The study of engineering extends from production of components and chips through to integrated system designs that employ these to solve real-world problems. As an Engineering graduate, you will be able to choose from a variety of exciting and challenging careers, and you will play a role in shaping future technologies.

At York, we offer two groups of courses in engineering. Our established Electronic Engineering courses and a new set of MEng Engineering courses which combine electronic, micro-mechanical and mechatronic engineering.

ELECTRONIC ENGINEERING AT YORK

Learn how to be a practical and innovative engineer, ready to design the next generation of electronics.

All our courses 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. Our programmes are also recognised by the European Federation of National Engineering Associations (FEANI) for registering graduates in the European Engineer Register.

What you study

At the beginning of your course, you will gain a solid foundation in electronic principles, circuits and components. As part of your group projects and practical laboratory sessions, you will get the chance to apply your skills through designing and building complete products. All of your modules will involve mathematics and computing alongside significant practical experience. In Year 2, you will explore the theory and application of data structures and algorithms, electromagnetism and Java programming and undertake a group project combining much of the theory you learn throughout the year. If you are studying towards a BEng, you will carry out a major individual project in Year 3 alongside a range of core and option modules. MEng students study a range of advanced options in the final two years. In Year 3, you will work in a group on a substantial software engineering project before carrying out a major individual project in your final year.
BEng/MEng Electronic Engineering
All our Electronic Engineering courses offer a thorough education in electronic engineering, meeting the rigorous needs of today's industry. We offer a wide range of options, especially for students studying the longer MEng degree, allowing you to either gain broad experience of the field or choose to specialise in a particular area. You will gain the skills and experience to design the next generation of systems and devices.

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. Our Electronic and Computer Engineering courses will help you to develop a wide range of computing skills alongside a broad basis in electronics.

BEng/MEng Electronic and Communication Engineering
These courses allow you to specialise your study in topics applicable to major growth areas, such as mobile and global communications, wireless networks and high-altitude systems. As well as developing a strong background in electronic engineering, you will gain more specialised knowledge of areas such as signal processing, data coding, broadcast technology, optical systems and radio communications.

BEng/MEng Electronic Engineering with Business Management
These courses will give you a thorough grounding in electronic engineering alongside an understanding of the key principles of business management. You will study subjects such as 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/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 the York JEOL Nanocentre, a multimillion-pound research centre. Our BEng/MEng Electronic Engineering with Nanotechnology are among the first IET-accredited courses in this discipline and emphasise those areas of nanotechnology of direct relevance to contemporary electronics.

BEng/MEng Music Technology Systems
BEng/MEng Electronic Engineering with Music Technology Systems
We were one of the first universities in the UK to introduce courses for students who wish to combine an interest in music with a solid background in electronic engineering. You will graduate as an electronic engineer with specialist skills in the design and application of music and audio equipment. The Department has its own professional-standard recording studios, 50-channel loudspeaker array and mixdown facilities.

BEng Electronic Engineering with a Foundation Year
This course is designed for those who wish to study Electronic Engineering but do not have the appropriate qualifications. During your foundation year, you will gain the same knowledge as those studying Mathematics and Physics at A level. You will also have an introduction to practical electronics in preparation for the later years of your degree. Students on this programme pay a significantly reduced fee during the Foundation Year.

The breadth of the course appealed to me, as well as the way we can tailor it to our interests. 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.

Naomi (MEng Electronic Engineering, 3rd year)
BEng Music Technology Systems with a Foundation Year

This course is designed for students who wish to study Music Technology Systems but do not have the appropriate qualifications. In addition to the Foundation Year content outlined above, you will receive an introduction to the Music Technology Studios, have a studio pass for the whole year, and participate in laboratory sessions creating and processing audio. You will also receive mentoring in music technology and take part in music and audio computing sessions and discussion groups. This helps to contextualise the mathematics, physics, and electronic engineering taught in other parts of the Foundation Year. Students on this programme pay a significantly reduced fee during the Foundation Year.

ENGINEERING AT YORK

Our exciting and innovative set of new engineering courses focus on future general engineering challenges, and will give you the tools to apply your knowledge to creating solutions that will help individuals and communities.

Extensive project work and laboratory sessions throughout your degree mean a degree in Engineering from York not only gives you a theoretical understanding of key principles, but also the practical skills you need to make change happen.

What you study

In Year 1, you will develop a solid foundation in mechanical, electrical and electronic principles. In all modules, you will study a substantial amount of mathematics and computing, including the computer programming language C. Through practical laboratory sessions and hands-on project work, you will get the chance to apply your knowledge and design and build complete products, including an innovative medical device.

In Year 2, you will explore the theory of thermo and fluid dynamics and consider the details of manufacturing more complex systems. You will also work with a group to design and construct an environmental monitoring station.

In your final two years of study, you will be able to choose from a range of advanced options, leading to specialisms in robotics, medical and mechanical engineering. You will also study a number of core subjects in control engineering, advanced mechanics and micro-electro-mechanical systems. You will also work with other students to design and build a robotic water collection and analysis device.

In your final year, you will carry out an individual project that will contribute significantly to your final degree.

MEng Engineering

Gain a broad understanding of engineering with our exciting new course. You will study aspects of electrical, electronic, mechanical and mechatronic engineering and explore how technological underpinnings in all of these areas lead to innovative creations.

MEng Medical Engineering

Develop your knowledge of a fast-growing area of engineering and get ready to create technologies that will have a huge impact on clinical systems, diagnosis and care. Throughout the course, you will study electrical, electronic and mechanical engineering aspects of healthcare in the context of a wider education in engineering.

MEng Micro-mechanical Engineering

Study the science to create smaller and smaller technological systems. In this innovative course, you will explore the technological underpinnings of micro-mechanical engineering while also gaining a wealth of practical experience in designing, building and constructing systems.

MEng Robotic Engineering

Learn about what makes robots tick in this exciting new course covering aspects of electrical, electronic, mechanical and mechatronic engineering. During your time at York, you will learn how to design and analyse autonomous systems through a combination of theoretical study and extensive, hands-on project work.
TEACHING AND LEARNING
Lectures convey much of the theoretical content of our courses supported by workshops, supervision sessions, tutorials and extensive practical electronics, computing and mechanical laboratory sessions. All support sessions are run in an informal atmosphere giving you the opportunity to discuss the subject with staff members, either in small groups or one to one.

Practical laboratory sessions are a huge part of all our courses. During these sessions, you will develop your construction and measurement skills and carry out investigations into the functioning of electronic and mechanical components and systems. You will also spend time in our dedicated computing and interfacing laboratory and, where appropriate, in recording studios, adaptive manufacturing workshops, robotics laboratories, or device fabrication/microscopy facilities.

A key feature of your course is project work. During your first year, you will take part in a group project to design a commercially viable product. In your second year, you will solve an emerging problem with an innovative solution.

If you are studying towards an MEng, you will carry out a major group engineering exercise in your third year. You will create, design, implement and test a substantial solution to an engineering problem.

In your final year, you will carry out a major individual project under the guidance of an academic project supervisor. You can choose a project offered by staff or propose a project of your own. Some projects are in collaboration with our industrial contacts and involve the design of commercial products.

Final year MEng students can choose to carry out their project in industry. These projects are arranged, and jointly supervised by an industrial collaborator. There are some opportunities to carry out industrial projects overseas. Alternatively, you can carry out your final year project with one of our York research teams. Some of our projects are industrially sponsored and students have been able to make significant contributions to leading industrial research.

ASSESSMENT
Assessment is based on a mixture of examinations and course work including laboratory reports, regular assignments and project reports. You may also be required to create a professional demonstration video and/or maintain a project blog. The marks you receive on your individual project work will form a substantial proportion of the final degree classification.

Tutors will provide regular feedback on your work to help you develop.

YEAR IN INDUSTRY
You can choose to do a Year in Industry on all of our courses. Many of our students who spend a Year in Industry find the experience helps them to decide on career options. Placements can sometimes lead to job offers on graduation.

You can apply for this from the start or apply to add it after you have started your course. Placements are not guaranteed but we will support you in applying, with guidance on CV and letter writing, to help you find one that is suitable.

YORK FUTURES
If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

SCHOLARSHIPS
Each year, we offer a number of scholarships to the most outstanding first year UK/EU entrants. All applications to first year are considered and offers are made on a basis of examination grades, performance at interview and other indicators 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 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 Year in Industry placements.
Our courses are extremely well regarded by employers because of their rigorous nature, technological underpinning and relevance to industry. Our students succeed in obtaining employment quickly after graduation. 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 courses allows you to gain and demonstrate skills directly applicable to industry. You will also gain experience in management, budgeting and presentation skills which are valued highly by employers. Final year individual projects often involve research and development work that carries forward into commercial application and many final year projects lead to job offers.

The majority of our graduates enter areas of work related to their subject, such as engineering design, development and research. Many others utilise their highly developed skills in problem-solving, logic and numeracy to pursue careers in computing or software programming.

Recent graduate employment examples include:
- digital signal processing engineer
- electronic engineer
- hardware engineer
- junior aerodynamics software developer
- signalling engineer
- user experience designer

and cover a wide range of employers, such as:
- BBC R&D
- IBM
- Nokia
- Sony
- Rolls Royce
- Royal Air Force

ADMISSIONS
All applications for our courses must be made through UCAS. We will read your UCAS application as a whole and take into account your personal statement and references alongside your qualifications and predicted grades. If we consider that you have potential to meet our entry requirements we will then invite you to interview before deciding whether to offer you a place on one of our courses. If you are based outside the UK, we will normally make a decision about whether to offer you a place based on your application alone.

Our interview days are a chance for us to get to know you better and find out about your interest and motivation to study in our Department. It is also a chance for you to meet some of our current students, visit our facilities and see the Department in action.

Offers 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 after we have received your results.

If you are offered a place on an MEng degree but miss the required entry grades, you will be automatically offered a place on the corresponding BEng programme (where this is available), providing that your grades are suitable for the BEng degree. As a BEng student you will have the option to transfer to a corresponding MEng course (where this is available) at the end of your second year as long as you have met the average mark threshold requirement.

Certain programmes have other prerequisites:
- all Music Technology courses: a demonstrable motivation towards making music.
- Foundation Year: for mature students, there are no entry requirements. Current school and college students taking subjects not suitable for first year entry are encouraged to apply for a degree with Foundation Year. We will invite you to an informal interview to look at how suitable you are for the mathematical and technical content of the course.

Please contact us if you would like to discuss your specific circumstances. Individual visits can also be arranged in advance of your application.
English and Related Literature

At York you can explore literature from around the world, have the chance to follow your own literary passions and learn from teachers who are experts in their field.

Ranked in the UK top three and world top 30 English departments*  

The UK English department with the highest proportion of ‘world-leading’ research**  

Small group seminar teaching by internationally-renowned researchers  

Wide choice of modules covering prose, poetry, drama, film and creative writing  

Opportunities to spend a placement year in industry or up to a year abroad  

I did my research and everything about York screamed, ‘Yes!’ to me – high in the league tables, realistic grade targets, wide choice of modules, no exams in third year, plenty of societies to join, beautiful city – I just knew I had to apply there and make York my firm choice!

Fiona (BA English, 2nd year)

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*Times and Sunday Times Good University Guide 2019,  
QS World University Rankings by Subject 2018  
**Research Excellence Framework 2014
STUDYING ENGLISH AND RELATED LITERATURE

Literature changes the world and the world shapes the literature we read. We will challenge you to find out how and why.

English at York will take you from the ancient classics to the poetry of the Romantic period, and from Renaissance drama to 20th-century Indian fiction and emerging digital cultures. Literature is not confined to the printed page but extends into theatre and film, so topics can range from the myriad ways of performing Shakespeare to the experiments of radical cinema.

Immersing yourself in books from the English-speaking world and beyond, our cosmopolitan degree leads students to a vibrant, multilingual view of literature, both European and global, and reflects the realities of literary influence and exchange.

No discipline equips its students better to understand and interpret a wide range of texts or to form articulate and persuasive responses to a range of challenges. Our degree courses also equip you with precisely the kind of high-level transferable skills that are valued by employers. An English graduate’s creativity, passion and ability to adapt – along with the ability to analyse and compare complex texts, research and debate challenging topics, and present your findings cogently and persuasively – are highly desirable in the changing workforce.

ENGLISH AND RELATED LITERATURE AT YORK

English and Related Literature at York is unlike any other English degree. We have a unique approach to what literature is and does, how we read it, how we write about it, and even how we make it.

At York, you will be at the forefront of literary study, learning in the most stimulating academic environment possible. We are ranked in the UK top three by the 2019 Times and Sunday Times Good University Guide and in the world top 30 by the 2018 QS World University Rankings by Subject. In the most recent Research Excellence Framework assessment, we had the highest proportion of ‘world-leading’ (4*) research of all UK English departments. This means that our modules are designed and taught by world experts working at the cutting-edge of literary study.

We are an exceptionally creative and lively department with a long tradition of innovative teaching. Speakers from the UK, US, and beyond, give regular lectures, readings, and workshops, offering the

KEY FACTS
Admissions Tutor
Dr Bryan Radley
Telephone
+44 (0)1904 323367
Website
york.ac.uk/english
Email
english-ug-admissions@york.ac.uk

TYPICAL OFFERS
A levels
AAA or A’AB for Q300, with at least A in English
AAA for QV31
AAB with at least A in English for QV33, QV35, QL32, and QQ31, with at least A in English
A reduced offer may be available where an EPQ is taken alongside three A levels or equivalent
IB Diploma Programme
36 points including 6 in all higher level subjects, including English (may vary for combined courses)
35 points including 6 in all higher level subjects including English for QV33, QV35, QL32, and QQ31
BTEC National Extended Diploma
DDD (may vary for combined courses)
Other qualifications
For details of other acceptable qualifications go to york.ac.uk/study/undergraduate/applying/entry

ESSENTIAL SUBJECTS
English Literature or English Language and Literature grade A at A level or equivalent
History is required for QV31

ENGLISH LANGUAGE REQUIREMENT
IELTS 6.5 with at least 5.5 in all units

STUDYING ENGLISH AND RELATED LITERATURE

Course are three years unless stated otherwise.

Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28.

You can also pursue a placement year as part of your degree: see page 20.
Our English degree offers exceptional flexibility and choice, providing a comprehensive overview of literary history and criticism from classical antiquity to the 21st century. It encourages you to explore the subjects that interest you most by offering you space to shape your degree from your first year.

In the first year of our undergraduate course, you are offered a set of core modules which introduce you to the critical, historical and theoretical study of literature. You will also begin to develop research and writing skills appropriate to the study of literature at university and choose topic-based modules that align with your own passions. Wide-ranging second and third year option modules allow you to choose from an array of periods, genres, and approaches to literature, which, in Year 2, involve the close study of literature in its historical context and, in Year 3, explore specific literary, cultural, or conceptual issues. The degree culminates in an exciting year-long dissertation: a wonderful opportunity to display your skills in detailed research, elegant writing, and rigorous argument.

**Combined degree courses**

In addition to our single subject English degree, we offer five joint degrees with the Departments of History, History of Art, Language and Linguistic Science, Philosophy and Politics. Combined degree students choose from the same range of modules as our single subject students, but combine our exciting range of modules with those from the twin department. In many cases, you will have the opportunity to take an interdisciplinary module bringing your two subjects together, and/or to undertake an independently researched essay or dissertation on a topic linking your two subjects, written with expert supervision from a tutor in each department.

**WHAT YOU STUDY**

**Year 1**

In the first year, you are introduced to the historical and theoretical study of literature through carefully linked modules which cover a variety of texts and critical approaches. These modules are designed to familiarise you with the study of a wide range of genres from different historical periods, from poetry and drama to film and fiction. You will begin to develop the necessary skills for the reading of literary texts in their historical and cultural contexts, and you will be introduced to the global range and politics of literature across historical divides. The programme in the first year is underpinned by a year-long module that provides you with important critical, theoretical and methodological contexts for the study of literature, as well as a distinctive series of lectures and workshops to help you develop effective research and writing skills. You also choose two topic modules which provide the opportunity to study a subject in greater depth, while also gaining transferable skills that are highly prized by employers across a wide range of occupations and industries.

**Year 2**

In Years 2 and 3, you can choose from a wide selection of modules. Our flexible programme allows you to tailor your degree to your own interests, while at the same time offering you the opportunity to explore the ways in which literary works engage with the cultural debates and transformations of their historical moment in our period-based Intermediate Option Modules. Second year students also take a topic module that explores a concept, genre or text in more detail. The second year is underpinned by a year-long module in which you learn diverse writing skills as you study the history and theory of literary criticism.

As part of our commitment to a wide-ranging and global syllabus, our students get the chance to engage
with questions of language, translation and cultural difference, developing skills that are highly valued by employers. You can choose to study such texts wholly in translation or partly in the original language, either continuing with a language you studied at school, or beginning a new language altogether. There are many languages and literatures for you to choose from, ranging from Old Norse to the Post-War Italian Cinema. Combined programme students also have the chance to take a World Literature module. This element gives our students the opportunity to explore how writers and literatures have influenced one another across national and linguistic boundaries. Engaging with questions of language, translation and cultural difference also equips you with important skills in linguistic analysis and description, a skill highly valued by employers from a range of fields.

Year 3
Building on the skills and interests you have developed throughout your degree, you will choose from an exciting list of experimental Advanced Option Modules on a diverse set of topics, allowing you to tailor the final year entirely to your own interests and passions. These innovative modules reflect the wide-ranging research expertise of the Department – again covering all periods of literature from the classical era up to the 21st century and exploring a wide variety of genres including poetry, fiction, drama and film. Here, we also offer modules in creative writing and the creative industries. The degree culminates in the dissertation, an in-depth exploration on a topic of your choice. You are supported in researching and writing your dissertation through a programme of structured supervision and advanced research training. This year-long advanced module is a brilliant capstone of your degree.

TEACHING AND LEARNING
The Department attaches particular importance to small group teaching, enabling you to share your insights and develop your critical skills by presenting and discussing your own ideas. We draw on a variety of teaching formats, including seminars in small groups for the lively discussion of texts, larger workshops for the exploration of specific themes or topics, and lecture programmes designed to introduce you to the ideas, debates and contexts that inform the works you will be reading. Staff open 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, you will be expected to devote a considerable amount of private study time both to primary and secondary reading and to researching and writing essays and other assessment tasks. You will be encouraged to choose your own topics for essays with individual guidance and detailed feedback from your module tutors.

YORK FUTURES
If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

ASSESSMENT
Writing is at the heart of studying English at York. The Department prides itself on offering an innovative mix of assessment methods, designed to maximise the opportunity for you to do research-based work on topics of your own choosing and to minimise the time spent sitting closed examinations. Essay writing is therefore central to the assessment of all three stages of our undergraduate programme. We also teach a range of other valuable workplace skills through forms of assessment such as group presentations and writing portfolios.

English at York is much more than the weekly hours you see on your timetable. The invaluable support in seminars and one-to-one appointments has been crucial in helping me succeed and in furthering my interest in all forms of literature. Prepare to be challenged in seminars led by leading researchers, and excited about studying in such a vibrant department.

Calum (BA English, 2nd year)
Your first year provides a solid foundation for future study and allows you time to grow as a reader, writer, and literary critic. Although all modules are assessed, the marks for first year essays do not count towards the final degree result, but the accompanying feedback enables you to gain a detailed sense of your progress from the very start of your programme. The year-long modules in the first and second years are assessed through a portfolio of varied writing tasks (which train you to write for both academic and non-academic audiences) and, in the first year, by a closed examination. Our World Literature modules are examined through a combination of essays and closed exams, while topic modules are assessed through the presentation of a group project. Other modules are assessed via essays and other writing tasks, which take a variety of forms from 1,000-word research exercises to 3,000-word explorations of important themes and debates. Finally, there is the 7,000–8,000-word dissertation on a topic of your choosing in the final year.

You are fully supported in preparing for assessment. Our innovative writing programme will help you build the skills you need to write persuasively and elegantly in an engaging manner. In addition, the detailed feedback and advice you will receive from tutors on your formative and summative written work will help you to develop and improve your confidence as a writer, and help to prepare you for the research-led dissertation in the third year. For closed examinations, you will receive detailed guidance on how best to prepare, while group presentations for topic modules are developed under the guidance of module tutors.

ADMISSIONS

Admissions decisions are usually made on the basis of the UCAS application and A level (or equivalent) grades and predictions. Offers are accompanied by an invitation to a departmental Visit Day, giving you the chance to sample our teaching in the form of a mini-lecture, ask questions about the course, meet us and look round the campus.

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

We are looking for articulate, well-read people with wide intellectual and cultural interests, whose engagement with literature covers much more than a single period and includes poetry and drama as well as fiction and film.

The Department particularly welcomes applications from candidates wishing to resume their education after a break. You will not necessarily have the A level grades we demand from school leavers, but we would expect you to be of the same calibre and to show clear evidence of your 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 asreviving the habit of discussing, researching and writing about books, this ensures that you have a recent academic referee for your UCAS application.

The Department’s web pages include detailed advice for applicants with unconventional educational backgrounds.

What our graduates do

Many of our graduates go on 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.

Recent graduate employment examples include:

- journalist
- editor
- business consultant
- web content manager
- freelance scriptwriter
- Civil Service fast streamer

and cover a wide range of employers, such as:

- BBC
- Teach First
- Oxford University Press
- Parliament
- BuzzFeed
- Law Business Research
Environment and Geography

Make a difference to the health and sustainability of life on our planet by joining the world class researchers and teachers at York, striving to make the world a better place.

95.5% of our graduates were in work or further study six months after graduation*

Our £12m state-of-the-art facilities feature purpose-built labs and seminar rooms, and a spectacular living wall.

All our BSc and MEnv courses are accredited by the Institute of Environment Sciences (IES).

Strong links to global policymakers including UNEP and WHO.

96% of our research is recognised internationally for its originality, significance and rigour**

I’ve enjoyed every aspect of my course, especially the variety of modules. York is a research-intensive university, so we are taught by lecturers at the forefront of scientific research. The size of the Department means you get to know everyone, including staff, making it really easy to ask for help and advice.

Victoria (BSc Environmental Science, 3rd year)

*Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)

**Research Excellence Framework 2014
ENVIRONMENT AND GEOGRAPHY COURSES

<table>
<thead>
<tr>
<th>Programme</th>
<th>Code</th>
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<tbody>
<tr>
<td>BSc (Hons) Environmental Geography</td>
<td>F810</td>
</tr>
<tr>
<td>BSc (Hons) Environmental Geography</td>
<td>F810</td>
</tr>
<tr>
<td>with a Year in Industry (4 year)</td>
<td>F811</td>
</tr>
<tr>
<td>MEnv (Hons) Environmental Geography</td>
<td>F815</td>
</tr>
<tr>
<td>with a Year in Industry (5 year)</td>
<td>F816</td>
</tr>
<tr>
<td>BA (Hons) Human Geography and Environment</td>
<td>L7F8</td>
</tr>
<tr>
<td>BA (Hons) Human Geography and Environment</td>
<td>L7F6</td>
</tr>
<tr>
<td>with a Year in Industry (4 year)</td>
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</tr>
<tr>
<td>BSc (Hons) Environmental Science</td>
<td>F900</td>
</tr>
<tr>
<td>BSc (Hons) Environmental Science</td>
<td>F901</td>
</tr>
<tr>
<td>with a Year in Industry (4 year)</td>
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<tr>
<td>MEnv (Hons) Environmental Science</td>
<td>F902</td>
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<tr>
<td>MEnv (Hons) Environmental Science</td>
<td>F903</td>
</tr>
<tr>
<td>with a Year in Industry (5 year)</td>
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<tr>
<td>BSc (Hons) Environment, Economics and Ecology</td>
<td>F7M0</td>
</tr>
<tr>
<td>BSc (Hons) Environment, Economics and Ecology</td>
<td>F7M1</td>
</tr>
<tr>
<td>with a Year in Industry (4 year)</td>
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</tr>
<tr>
<td>MEnv (Hons) Environment, Economics and Ecology</td>
<td>F7LC</td>
</tr>
<tr>
<td>with a Year in Industry (4 year)</td>
<td></td>
</tr>
<tr>
<td>MEnv (Hons) Environment, Economics and Ecology</td>
<td>F7L1</td>
</tr>
</tbody>
</table>

Courses are three years unless stated otherwise. Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28.

STUDYING THE ENVIRONMENT

We live in extraordinary times. The world is changing faster and in more ways than in all of human history, posing unprecedented challenges to our planet. Climate change impacts are at the forefront of the social and political agenda. Our degrees provide you with the skills to develop long-term sustainable strategies for the planet. You will become an independent thinker, able to consider innovative solutions to environmental and conservation 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 complex environmental and sustainability issues.

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 6.0 in all units

ENVIRONMENT AND GEOGRAPHY AT YORK

Our Department is dynamic and friendly and carries out research across a wide range of environmental and geographical issues in developing and developed countries. Our superb £12.5m state-of-the-art building contains purpose-built laboratories, teaching and social spaces. In the most recent Research Excellence Framework assessment (2014), 96 per cent of our 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 resource economics, climate change, environmental economics, food security, energy and environmental policy.

KEY FACTS

Admissions Tutor
Dr Samarthia Thankappan
Telephone +44 (0)1904 322999
Website york.ac.uk/environment
Email environment@york.ac.uk

TYPICAL OFFERS

A levels
ABB for F900, F901, F902, F903, F7M0, F7M1, F7LC, F7L1
AAB for L7F6, L7F8, F810, F811, F815, F816

IB Diploma Programme
34 points for F900, F901, F902, F903, F7M0, F7M1, F7LC, F7L1
35 points for L7F6, L7F8, F810, F811, F815, F816

BTEC National Extended Diploma
DDM for F900, F901, F902, F903, F7M0, F7M1, F7LC, F7L1
DDD for L7F6, L7F8, F810, F811, F815, F816

A reduced offer may be available where an EPQ is taken alongside three A levels or equivalent

Other qualifications
For details of other acceptable qualifications go to york.ac.uk/study/undergraduate/applying/entry

ESSENTIAL SUBJECTS

For F900, F901, F902, F903: at least one from Biology, Chemistry, Geography, Geology, Environmental Science, Mathematics, Physics, Psychology, Life and Health Sciences

For F810, F811, F815, F816: Geography or Geology is required, plus one other from the above list

For F7M0, F7M1, F7L1, F7LC: at least one of the above list; Business, Government and Politics, and Economics are also acceptable

For L7F6, L7F8: Geography

GCSE Mathematics or equivalent is required at grade 4/C

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 6.0 in all units

UCAS
Our Department attracts students from all over the world, and all our students can apply to undertake part of their study abroad. We are committed to wider participation in higher education and for those with a non-traditional academic background.

OUR COURSES

All the modules you will study during your first year with us are core. This is to ensure you have a solid grounding in the subject before you move on and begin to tailor your degree to your interests via option modules offered in later years.

Fieldwork is integral to your course, so in Years 1 and 2, there are core residential field trips, currently to the North York Moors National Park and Tenerife. There are also half- or full-day field trips integrated in other modules. The travel and accommodation costs of these are included in your student fee. For the Tenerife field trip, the Department covers the costs of flights up to a maximum based on typical flight costs from regional airports, bought in good time.

Your third year has different routes depending on whether you select BSc/BA or the integrated Masters (MEnv) option. If you choose the BSc/BA route you will select from specialist taught modules as well as undertaking an independent research project. If you decide to study an MEnv, you will select from the same specialist taught modules, but also study material that prepares you for an extended research project in Year 4.

The research project (for all degrees) provides you with an opportunity to undertake an in-depth study of a topic of particular interest to you. It is also possible to take elective modules from other departments, such as Sociology, Archaeology, Economics, Management or Biology, providing you with the flexibility to develop your own interests.

By Year 3 you may have the opportunity to pick a field trip as part of your option modules, depending which route you choose, but this will incur extra cost. Examples of optional field trips are Glaciology and Volcanism in Iceland, and Production and Consumption Geographies, currently in Prague.

Some of our modules 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. This ensures that our teaching is topical, policy-related and grounded in real-world examples.

WHAT YOU STUDY

BSc/MEnv Environmental Geography

Environmental geography focuses on the physical environment and its effect on humans. In the first year, you will study physical geography, environmental issues and ecology, to 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 earth processes, landforms and biogeography, and develop your skills in geographic information systems (GIS) and research project design. You will take part in frequent fieldwork as well as a residential field course. Option 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, atmosphere and ocean science, and environmental hazards, as well as an optional field trip, currently to Iceland. BSc students also undertake an independent research project in Year 3. For Year 4 of the MEnv degree, see page 111.

BA Human Geography and Environment

The first year 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. Options include modules on megacities and urbanisation, energy and environmental policy.

In the third year, a range of specialist modules is available in areas such as gender, environmental psychology and an optional field trip, currently to Prague on production and consumption geographies. BA students also undertake an independent research project in Year 3.
BSc/MEnv Environmental Science
In the first year, you will study the physical environment and ecological principles, develop numerical and key environmental and laboratory skills, undertake field and project work, and have 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 in 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. Option modules allow you to increase your knowledge in areas such as marine conservation, energy and earth processes or gain specific skills such as in GIS.

In the third year, a range of specialist modules is available in areas such as pollution monitoring and control, atmosphere and ocean science, biodiversity and glaciers and ice sheets, as well as an optional field trip, currently to Iceland. BSc students also undertake an independent research project in Year 3. For Year 4 of the MEnv, see details for the Integrated Masters option below.

BSc/MEnv Environment, Economics and Ecology
The BSc/MEnv Environment, Economics and Ecology is a unique interdisciplinary degree that delivers an understanding of the challenges and solutions to environmental conservation and sustainable development.

The first year modules will provide you with the conceptual foundations of economics and ecological principles, develop your quantitative and qualitative skills and introduce you to the key areas in environmental sustainability and environmental economics.

In the second year you will advance your analytical skills to develop research projects on environmental economics and policy topics. You will also further your knowledge on your chosen area of specialisation, such as nature conservation and society, sustainable development, and environmental science and policy. Second year modules include applied economics for the environment, environmental policy, economics of sustainable development, energy policy, GIS, climate change, ecosystem processes, geographies of development, and megacities and urbanisation. You will also take part in the residential field course.

In the third year, you will have a single core module, which can be either environmental and natural resource economics or biodiversity and society. You will be able to further your area of specialisation with modules from the Environment and Geography department, and the Management department. This will allow you to fully tailor your final year to your career interests. BSc students also undertake an independent research project in Year 3. For Year 4 of the MEnv degree, see below.

Integrated Masters option
All our students, except those studying Human Geography and Environment, 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 provides a more vocational experience than the three-year degrees, 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 degrees, but Year 3 differs in that you undertake an advanced literature review and gain skills in research methods and statistics rather than 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.

My degree has really opened my eyes - I can no longer see a hill, a beach or a riverbank without appreciating the host of geomorphological processes over millions of years that have created the landscapes we see. With so many beautiful and interesting places on our doorstep, the extent to which we’ve visited them and learned about these processes has really exceeded my expectations and cemented my ideal career pathway.

Sally (BSc Environmental Geography, 3rd year)
Year in Industry

Our courses can include an optional extra year based in industry, between Year 2 and Year 3. This provides a rewarding (and paid) opportunity to experience careers in the environmental sector with an external organisation. You will receive support from the Department during your year away and write a reflective journal on your experiences during the placement. Short-term placements and internships, when available, are also offered.

The Department will support you to find suitable placements. However, we do expect you to be proactive in researching and finding your own placement as this is an integral part of the skills and experience you will gain through your course. Placements are therefore not guaranteed and if you are not successful in obtaining a placement you will be transferred to the standard course.

TEACHING AND LEARNING

The teaching and learning strategy in the Department of Environment and Geography is designed to provide you with clear training pathways to promote your skills development using 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 courses and you will undertake a relevant research project in each academic year. There is 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, as well as many extra-curricular activities available in the Department and across the University.

YORK FUTURES

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in your department, see york.ac.uk/study/undergraduate/study-abroad.

ASSESSMENT

We use a range of assessment approaches to ensure your skills and abilities are properly captured, including field course reports, essays, practical and project reports, oral presentations and examinations. The final degree classification awarded is based on the marks obtained in Years 2 and 3 for the BSc/BA programmes and Years 2 to 4 for the MEnv degrees.

ADMISSIONS

Applicants are assessed and given conditional or unconditional offers based on their predicted grades or actual qualifications. We meet students at University Open Days and encourage offer-holders to attend a departmental Visit Day during the Spring Term. Mature students are encouraged to apply; we welcome enquiries and prearranged visits from all applicants.

What our graduates do

Society’s increasing awareness of the pressures on our planet means that career opportunities in the area of environment are expanding. Our undergraduate courses prepare you for careers in fields such as environmental consultancy, town planning, travel and tourism, environmental conservation, international development, business sustainability, infrastructure development, energy policy, and teaching. In addition, our courses help you develop key skills that will be transferable beyond employment related to environment and geography. Many of the skills developed during the degrees (such as decision making, problem solving, scientific methods and communication skills) are valuable in a wide range of occupations. A total of 95.5 per cent of our graduates were employed or in further study six months after graduation. *

Recent graduate employment examples include:

- environmental conservationist
- graduate policy analyst
- flood risk officer
- oil and gas analyst
- environmental consultant
- environmental engineer

and cover a wide range of employers, such as:

- Network Rail
- Environment Agency
- Anglian Water
- Atkins
- DEFRA
- Department for International Development
- WSP Parsons Brinckerhoff Consultancy

*Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)
History

*With subjects that cover a huge breadth of time and geographical range, our degrees combine original research with stimulating and innovative teaching*

ensored

Ranked seventh in the UK*

Ranked in the world top 100**

Learn from world-class experts, with an emphasis on small group teaching

Second in the UK for research performance***

Wide variety of modules to choose from, ranging around the world and across 1,500 years

I chose York because of its academic reputation and the course seemed the perfect balance of a structured introduction to history and choice across a variety of modules. We learn from lecturers who are at the forefront of historical research.

Kirstin (BA History, 2nd year)

*Times and Sunday Times Good University Guide 2019
**QS World University Rankings by Subject 2018
***Times Higher Education’s ranking of the Research Excellence Framework 2014
HISTORY COURSES

BA (Hons) History
BA (Hons) History/Economics (Equal)
BA (Hons) English/History (Equal)
BA (Hons) History/History of Art (Equal)
BA (Hons) History/Philosophy (Equal)
BA (Hons) History/Politics (Equal)
BA (Hons) History/French (Equal) (4 year)

Courses are three years unless stated otherwise.

Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28.
You can also pursue a placement year as part of your degree: see page 20.

KEY FACTS

Admissions Tutor
Dr Harry Munt
Telephone +44 (0)1904 322983
Website york.ac.uk/history
Email history-admissions@york.ac.uk

TYPICAL OFFERS

A levels
AAA or A*AB for V100
AAB for VV13, VR11 and VV15
AAA for all other courses

IB Diploma Programme
36 points
35 points for VR11, VV13 and VV15
All include HL 6 in essential subjects

BTEC National Extended Diploma
DDD

Other qualifications
For details of other acceptable qualifications go to york.ac.uk/study/undergraduate/applying/entry

ESSENTIAL SUBJECTS

History or Classical Civilisation grade A at A level or equivalent

ENGLISH LANGUAGE REQUIREMENT
IELTS 6.5 with at least 5.5 in all units

STUDYING HISTORY

Historians are students of change. We study 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 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 the 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 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 and enthusiastic and hold strong opinions.

HISTORY AT YORK

We are ranked seventh in the UK according to the Times and Sunday Times Good University Guide (2019), and in the top 100 in the world in the QS World University Rankings by Subject (2018). 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 courses that offer incredible chronological breadth and geographical scope. In the Times Higher Education's ranking of the most recent Research Excellence Framework assessment, the Department was ranked second for research performance.
Our Department is unusual for its size and range of expertise. Our more than 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. Medieval and early modern 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. Modern topics include the Enlightenment, the French Revolution, Caribbean slavery, the British Empire, Latin American Independence, Iran, World Wars I and II, 19th-century Japan, Stalin, modern China, decolonisation, the Middle East, Harlem, the Cold War, and post-colonial Africa.

Our degrees are 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 cultivating 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 choosing, working one-to-one with an academic adviser.

Most modules, however, are individual courses developed and taught by staff in their area of expertise. Throughout the degree, particularly over the second and third years, students select preferences from a range of options (typically between eight 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), region (eg American history), approach (eg political, social or economic history), or theme (eg warfare, colonialism or urban life). Many discover their own intellectual 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.

Students are also guided by a supervisor (personal tutor), whom they meet every term. Your supervisor provides direction, reflection and support as well as advice as you prepare for internships and your career.

**OUR COURSES**

**BA History**

The BA History degree 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.

**Combined degree programmes**

In addition to our single subject History degree, we offer six joint degrees in History and Economics, English, French, History of Art, Philosophy or Politics. Each joint degree is equally divided between the two departments.

**WHAT YOU STUDY**

The following outlines the single subject History degree. Joint degree students follow the same progression but take 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**

The first year is designed to equip you for degree-level History. First year modules introduce you to a wide range of historical material and subjects. They give you the opportunity to study new places, periods and problems.

You will develop research skills and essay writing capabilities, alongside studying prominent periods of interest. This will prepare you for your more specialised work in Years 2 and 3. There are modules introducing you to sources and approaches, as well as the working methods needed to study history.

Modules also develop your intellectual engagement with the discipline through an integrated programme of lectures and small group teaching. They explore challenging new ideas on a range of topics. These are taught through seminars, workshops and lectures, with
formative work assigned by your tutor on which you receive written feedback.

Many students also elect to study a foreign language, as complete beginners or more advanced learners. Languages – including French, Arabic, Chinese, Russian, Spanish, German, Greek and Latin – are taken through the Languages for All scheme (see page 18).

**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
- Reform, Revolution and Nation Building in Latin America, 1750–1900
- Russia under the Tsars, 1613–1855
- Modern Britain, 1850–2000

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
- The 1920s
- Difficult Pasts and Haunted Presents
- Peter the Great’s Russia
- From the Global Shadows: Africa and the World since the 1950s
- Missionaries, Merchants and Medicines in Southeast Asia, 1500–1700
- China: an Economic and Environmental History, 1870–1950

Two smaller modules, Discipline of History 1: Issues in Historical Thought and Discipline of History 2: Debating Historical Practice, allow students to reflect upon the nature, purpose and development of History as a discipline. You will also begin work on your 10,000-word dissertation, meeting regularly with an academic adviser to formulate a dissertation proposal.

**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
- The First Islamic Empire
- The French Wars of Religion, 1559–1594
- The Scientific Revolution
- Heroic Reputations: Heroes and their Afterlives
- Border Crossings: Empire in British Society
- The Russian Revolution, 1917–1921
- Hong Kong: Economy, Society, Environment
- Ireland in the Age of Revolution

Running alongside the Special Subject is a...

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I chose York because as well as studying history in books I wanted to be in an historic 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)
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. Offerings have included: Travel, Family, Animals, 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 to complete your dissertation, including submitting and discussing draft work.

TEACHING AND LEARNING
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 around 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 (usually in groups of 12–17) 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 is a significant and distinctive quality of History teaching at York. By the third year more than 80 per cent of teaching is delivered in this format.

Many students quickly learn to juggle a diverse timetable and competing commitments. Teaching hours vary by week, stage of degree and, especially, student preference. Additional learning opportunities include languages and extra modules. 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 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 formative work, which you can follow up in student hours. 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.

YEAR ABROAD
On our three-plus-one pathway, you can apply to add a year abroad to your course (between the second and third years) for the BA History. Living and studying abroad gives you the chance to travel to new destinations, experience another culture, develop personal skills and, potentially, learn another language. If you choose this option, you apply for the standard three-year programme and then apply to add a year once you are studying with us. There is also the opportunity to apply for credit-replacing exchange, which means that participants graduate no later than those admitted in the same year at York.

YORK FUTURES
If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

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 produce formative work (on average, one piece per module), which is marked and returned with feedback from 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 skills.
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 see our website.

What our graduates do

History is a degree that cultivates independence and discipline. Historians 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 lead to 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 and fundraising; media, journalism and broadcasting; business, commerce and public relations; administration, management, teaching and academic research. Many progress to further study in Britain or abroad.

The Department of History has strong graduate outcomes. In total, 94.3 per cent of our graduates were employed or in further study six months after graduation.* 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.

Recent graduate employment examples include:

- research consultant
- marketing executive
- business and technology consultant
- trainee librarian
- shipbroker
- BBC production trainee

and cover a wide range of employers, such as:

- Civil Service
- PwC
- Telegraph Media Group
- BBC
- Teach First
- Shakespeare’s Globe Theatre

*Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)
History of Art

York is one of the leading departments for History of Art in the UK, offering its students a wide range of topics, small group teaching and an informal atmosphere.

First in the UK for History of Art research impact*

Ranked fifth in the UK**

94% overall student satisfaction***

Partnerships with Tate, the V&A, the National Gallery and York Museums Trust

Wide variety of innovative modules, currently including Art Law, Fashion and Art History, Museums and Curating

The staff here are experts in their fields. Their wide span of historical interests means you are able to sink your teeth into every aspect of the course and you always feel encouraged to learn more.

Rob (BA History of Art, 2nd year)

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*Times Higher Education’s ranking of the Research Excellence Framework 2014

**Times and Sunday Times Good University Guide 2019

***Unistats rating of the National Student Survey 2018
HISTORY OF ART COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>UCAS Code</th>
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<tbody>
<tr>
<td>BA (Hons) History of Art</td>
<td>V350</td>
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<tr>
<td>BA (Hons) History of Art with a year abroad (4 year)</td>
<td>V352</td>
</tr>
<tr>
<td>BA (Hons) Curating and Art History</td>
<td>V351</td>
</tr>
<tr>
<td>BA (Hons) Curating and Art History with a year abroad (4 year)</td>
<td>V353</td>
</tr>
<tr>
<td>BA (Hons) English/History of Art (Equal)</td>
<td>QV33</td>
</tr>
<tr>
<td>BA (Hons) History/History of Art (Equal)</td>
<td>VV13</td>
</tr>
</tbody>
</table>

Courses are three years unless stated otherwise.

Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28.
You can also pursue a placement year as part of your degree: see page 20.

KEY FACTS
Admissions Tutor
Professor Jason Edwards
Telephone +44 (0)1904 322978
Website york.ac.uk/history-of-art
Email histart-ug-admissions@york.ac.uk

TYPICAL OFFERS
A levels AAB/ABB
A reduced offer may be available where an EPQ is taken alongside three A levels or equivalent
IB Diploma Programme 35/34 points
BTEC National Extended Diploma DDD/DDM

We will also consider qualifications from the University of the Arts London in Art and Design at Level 3 or higher
Other qualifications For details of other acceptable qualifications go to york.ac.uk/study/undergraduate/applying/entry

ESSENTIAL SUBJECTS
For QV33 English at A level grade A or equivalent
For VV13 History at A level grade A or equivalent

ENGLISH LANGUAGE REQUIREMENT
IELTS 6.5 with at least 5.5 in all units

STUDYING HISTORY OF ART

History of Art equips you with the ability to analyse images and material objects, skills which are increasingly important in today’s visual world. Art historians study a diverse array of works of art and architecture in their historical, geographical and environmental contexts to understand who creates and views them, how and why they are made and 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 developed into one of the leading departments in the UK (and indeed worldwide), teaching primarily through small groups and maintaining a friendly atmosphere. At York, you can select from a wide variety of modules taught by art historians who have often written the texts that you will be reading and curated the exhibitions you will be visiting. Through individual tutorials and supervisory sessions, we seek to ensure that all of our students reach their full potential.

We have a series of exciting research collaborations with institutions such as the V&A, Tate, National Gallery and York Museums Trust, and a degree programme in Curating and Art History specifically designed to prepare students for careers in museums and galleries.

We believe in the importance of studying works of art and architecture at first hand, so many of our modules include visits, currently funded, to local, national and international collections. The City of York is one of the most beautiful historic cities in Britain, renowned for its medieval buildings and unrivalled collections of stained glass and studio pottery. It also has a thriving digital media and contemporary art scene. Beyond the city, the monasteries, churches, castles and great country houses of Yorkshire provide further excellent resources for the study of art and architectural history. But our attention is not just limited to the region or Britain. You can also study the art and architecture of Europe, the United States, South Asia, the Middle East, and across the Christian and Islamic worlds and former British Empire, in the ancient, medieval, renaissance, modern and contemporary periods.
OUR COURSES
At York students can study History of Art either as a single subject degree or in combination with History or English. We also offer Curating and Art History. This course is a practical introduction to working in the museum and gallery sector in combination with the study of History of Art. You can also take either of our single subject degrees with a year abroad.

WHAT YOU STUDY
BA History of Art
In your first year a range of introductory modules will equip you with fundamental art-historical skills and a grounding in theory and art-historical method. You may also take a language module, specifically designed for art historians. In your second year you will choose from a variety of historical, geographical and thematic topics in the medieval, early modern, modern and contemporary periods; ideas that you will explore in more depth in your third year. Many modules include (currently funded) field trips locally, nationally, and internationally to see works of art and architecture at first hand. The final unit of your degree consists of a dissertation on a topic of your choice supervised by a staff member.

BA Curating and Art History
In your first year a range of introductory modules will develop fundamental art-historical skills and cover a range of different approaches to curating, including site visits to galleries, museums and other art institutions. You may also take a language module, specifically designed for art historians. In your second year you will choose from a variety of topics, across a wide historical, geographical and conceptual range, specifically tailored to thinking about exhibition histories and display. You will also plan an exhibition project, as part of a group. In addition, the second year includes a placement with an arts institution, arranged by the University; our named partners have included York Museums Trust, the Hepworth Wakefield, the Yorkshire Country House Partnership, and Castle Howard. In your third year you will explore two special subjects in depth. You will also complete an extended project focused on your curatorial interests.

Combined degree courses
History of Art is also offered as part of a combined equal degree in English/History of Art or History/History of Art. You will take modules in both departments, carefully coordinated to balance the workload and timetable. Your final assessment is a bridge essay on a topic combining History of Art with English or History.

Examples of modules
A selection of History of Art modules offered recently:
- Architecture and Politics in Stuart England
- Art and Colonialism in South Asia, c1750–1900
- Art and Scale
- Art in Paris in the 19th Century
- Art in the USA 1945–1975
- Art in Venice from Bellini to Tintoretto
- Art Law
- The Art of Anglo-Saxon England
- Art of the Northern Renaissance
- Church, College and Castle, c1250–1450
- Contemporary Art and Digital Culture
- Contemporary Art: Practice and Debate
- Critical Approaches to Architecture
- Cut/Bite/Stamp: The Power of Print in 18th-Century Britain
- Death and Devotion in the Gothic Imagination
- Drawing with Light: 19th-century Photography
- Eccentric Cities: Art, Politics and Trade in Italy 1100–1400
- The English Country House 1550–1900
- Global Pop: Pop Art in a Global Context
- The Golden Age of Islamic Architecture: Masterpieces from Spain to India
- Image and Identity in California 1950–1985
- Impacts of the Late Antique, c350–850

The course at York offers a broad spectrum of modules, from ancient Greek architecture 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.
Ruth (BA History of Art, 2nd year)
ADMISSIONS
We look for students with intellectual curiosity and enthusiasm as well as academic achievement. For the single subject degree, selection is currently made on the basis of the UCAS application, although candidates who have been away from study for some time may be invited to interview. You do not need a background in History of Art; good preparatory subjects include English, History, Art and Design, Philosophy, Geography, Modern and Ancient Languages and Religious Studies. For the combined degrees, selection is made on the basis of the UCAS application and in some cases the submission of written work or interview.

Candidates receiving an offer from the Department will be invited to a departmental Visit Day between January and March. This is an 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 facilities and opportunities that the University and the city have to offer.

Our graduates develop skills that are 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 teamworking skills. The study of History of Art can be an initial training for candidates seeking a career in the museum world, 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 developing their career options.

ASSESSMENT
We use different methods of assessment throughout the course of your degree. These include the open paper (a take-home examination lasting 48 or 72 hours), formal closed examinations and the dissertation (a long essay of 7,000–8,000 words). You are also assessed on your seminar performance. Examinations take place throughout the course of your degree.

What our graduates do
Our graduates develop skills that are 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 teamworking skills. The study of History of Art can be an initial training for candidates seeking a career in the museum world, 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 developing their career options.

Recent graduate employment examples include:

- arts administrator
- archives trainee
- social media executive
- marketing associate
- digital assistant
- graduate retail buyer
- Sotheby’s
- Ogilvy
- John Lewis
Language and Linguistic Science

Our Language and Linguistics degrees equip students with practical and analytical skills which have significant value in the modern world.

The second highest proportion of ‘world-leading’ research among Language and Linguistics departments in the UK*

We have a global outlook and our students travel all over the world for their year abroad

From day one you learn through a hands-on approach, combining theory, practical exploration and analysis

Our modern foreign language teaching focuses on fluency and professional competence, taught in the target language

The grounding of linguistic knowledge gained in the first year, combined with the freedom and range of specialisms available after that, was a real draw for me. Learning about the grammatical, sociological and historical elements of English has allowed me to see for myself how language works in everyday life.

Becky (BA English Language and Linguistics, 3rd year)

*Research Excellence Framework 2014
### Key Facts

**Admissions Tutors**  
Dr Dominic Watt  
Dr Tamar Keren-Portnoy  
**Telephone**  
+44 (0)1904 322650  
**Website**  
york.ac.uk/language  
**Email** linguistics-ug-admissions@york.ac.uk

### Typical Offers

**A levels**  
AAB/ABB  
A reduced offer may be available where an EPQ is taken alongside three A levels or equivalent

**IB Diploma Programme**  
35/34 points (may vary for combined programmes)

**BTEC National Extended Diploma**  
DDD (may vary for combined programmes)

### Other qualifications

For details of other acceptable qualifications go to york.ac.uk/study/undergraduate/applying/entry

### Essential Subjects

For French programmes, we require a B at A level or equivalent in French. Italian programmes are ab initio and are not appropriate for students with A level Italian.

### UCAS

**BA (Hons) English Language and Linguistics** Q302  
**BA (Hons) Linguistics** Q101  
**French**  
**BA (Hons) Linguistics with French** Q1R1  
**BA (Hons) French and German Language with a year abroad (4 year)** RR12  
**BA (Hons) French and Italian Language with a year abroad (4 year)** RR13  
**BA (Hons) French and Spanish Language with a year abroad (4 year)** RR14  
**BA (Hons) French and Linguistics with a year abroad (4 year)** RQ11  
**BA (Hons) History/French (Equal) (4 year)** VR11  
**BA (Hons) French/Philosophy (Equal) (4 year)** RV15  
**German**  
**BA (Hons) Linguistics with German** Q1R2  
**BA (Hons) French and German Language with a year abroad (4 year)** RR12  
**BA (Hons) German and Italian Language with a year abroad (4 year)** RR23  
**BA (Hons) German and Spanish Language with a year abroad (4 year)** RR24  
**BA (Hons) German and Linguistics with a year abroad (4 year)** RQ21  
**BA (Hons) German/Philosophy (Equal) (4 year)** RV25

**Italian**  
**BA (Hons) Linguistics with Italian** Q1R3  
**BA (Hons) French and Italian Language with a year abroad (4 year)** RR13  
**BA (Hons) German and Italian Language with a year abroad (4 year)** RR23  
**BA (Hons) Italian and Spanish Language with a year abroad (4 year)** RR34  
**BA (Hons) Italian and Linguistics with a year abroad (4 year)** RQ31

**Spanish**  
**BA (Hons) Linguistics with Spanish** Q1R4  
**BA (Hons) French and Spanish Language with a year abroad (4 year)** RR14  
**BA (Hons) German and Spanish Language with a year abroad (4 year)** RR24  
**BA (Hons) Italian and Spanish Language with a year abroad (4 year)** RR34  
**BA (Hons) Spanish and Linguistics with a year abroad (4 year)** RQ41

**Other combined courses**  
**BA (Hons) English/Linguistics (Equal)** QQ31  
**BA (Hons) Philosophy/Linguistics (Equal)** VQ51

Courses are three years unless stated otherwise.  
Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28.  
You can also pursue a placement year as part of your degree: see page 20.

**Languages and Linguistic Science Courses**  
york.ac.uk/language
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.

Some language facts
- There is no single word in French to translate shallow.
- 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.
- To translate blue into Russian one is forced to choose between two words, goluboj and sinij.

Some questions
- 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 courses develop proficiency in the comprehension and production of the target language. Our English language courses teach the history and structure of the language and its role in society. Through these courses 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. We offer in-depth training in modern foreign languages and cultures, and in communicative skills that are vital for a variety of careers.

Our Department had the second highest proportion of ‘world-leading’ research activity in the UK in the most recent Research Excellence Framework assessment (2014). We provide a friendly and supportive environment whichprioritises our students’ personal development and welfare. 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 areas of study 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 courses, our focus is on the structure and history of English, how English is used, and how English varies across time, region and style.

4. On our single-subject courses you can choose whether or not you would like to study literature modules.

5. Our course structure is modular. This allows students considerable flexibility in shaping coursework to their own individual interests. Assessment is completed by 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 to choose from in the final year. 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 COURSES

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 find up-to-date information on the structure and content of all of our degree programmes on our website: 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 per language, and the remaining third 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 courses: there is less free choice in two-language courses, or if you study a language *ab initio*, as you have to take a certain number of compulsory core language modules. All our courses allow for option 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*. You can study French, German and/or Spanish post-A level, and German, Italian or Spanish *ab initio*. All our post-A level language routes require a B, or equivalent, in the relevant language. *Ab initio* study is for those with GCSE, AS level, or no prior experience of studying the language.

In addition to single-language degree courses, 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 any language offered by the Languages for All team (see page 18).

**Combined degrees?**

We offer a selected range of specially designed combined degrees with other departments, including English and Related Literature, Philosophy and History (see list on page 124). If your programme is a ‘language + X’ degree you take compulsory language modules each year, then choose 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 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 in the first year our 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 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.

*The course at York is fascinating and had an impressive choice of modules. As I’m intrigued by the Spanish- and French-speaking worlds, my year abroad teaching in Argentina and France was incredibly enriching. My languages improved, and I met people and saw things I never would have otherwise! It has been awesome being taught by staff who have a real passion for their specialisms.*

Rob (BA French and Spanish Language, 4th year)
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 degree 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:

- Neurolinguistics
- Bilingualism
- Formal Semantics
- Introduction to Language Acquisition
- The Linguistics of Consumerism
- Language and Identity
- Phonetics of Talk in Interaction

**French, German, Italian and Spanish modules**

On language courses 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 systems of French, German, Italian or Spanish or the social and political impact of the languages.

Examples of modules offered in recent years include:

- French/German/Italian/Spanish Language and Society
- The Representation of Society and Culture in Film
- Translation Methodology and Practice
- The Berlin Republic
- France and the Second World War
- Latinos in the USA
- Phonetics of a Foreign Language

**English modules**

Our English modules focus on the structure and history of the English language. (Our English degree courses 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 in recent years include:

- History of English
- Prosody of English
- Language as Action
- Teaching English as a Foreign Language
- Forensic Phonetics
- World Englishes
- Old English

**TEACHING AND LEARNING**

Teaching methods vary according to the type and level of the module. In the first year, linguistics modules are taught via lectures attended by 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 computer 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 degree courses, all students spend the third year in a French-, German-, Italian- and/or Spanish-speaking country.

All students are currently guaranteed a university place while on a placement abroad. At the university where you are placed, you register for a full programme of modules, normally on language, history and culture, and linguistics.
Alternatively you can apply to work as a language assistant with the British Council English Language Assistant Scheme in a college or school abroad, or apply for a commercial work placement. The Department will assist you through the search and application process, but such work placements cannot be guaranteed. Working abroad allows you to experience life in a foreign culture and to develop proficiency in your language of focus, while at the same time gaining employment experience.

On two-language courses 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. 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.

**YORK FUTURES**

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

**ASSESSMENT**

We use a variety of assessment methods. 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, and some include presentations. French, German, Italian and Spanish degrees and some linguistics modules also include oral exams.

**ADMISSIONS**

We are looking for students who are strongly motivated to pursue 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 combination 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 and social scientists.

Because our French, German, Italian and Spanish courses 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. Applicants to whom places are offered are invited to visit the Department on Visit Days held at regular intervals throughout the year.

We normally expect applicants to have at least three good passes at A level or equivalent. 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 our graduates do**

Our graduates have an excellent record of pursuing fulfilling career paths, in employment (such as advertising, retail management, teaching English as a foreign language, IT, accountancy or broadcasting) or in 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. 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 highly desirable in many areas of contemporary employment.

Recent graduate employment examples include:

- data analyst
- software engineer
- copywriter
- journalist and picture researcher
- teacher
- translator

and cover a wide range of employers, such as:

- StudioCanal
- Press Association
- PwC
- UK Government
- Goldman Sachs
- NHS
Law School

Our innovative courses reflect the best of modern legal educational methods along with academic rigour and depth

Ranked fifth in the UK for Law*

Joint highest proportion of ‘internationally excellent’ and ‘world-leading’ research**

Innovative, problem-based courses taught by leading academics

Strong employability dimension with compulsory Legal Skills modules

Real-world experience integrated with your degree through links with local, national and global law firms

York is one of the few universities that offer Legal Skills as a compulsory module. We do tasks based on a mock case or trial, such as client interviews and letters, drafting witness statements or ‘mooting’ – mock court trials. We have a mock courtroom so if you really enjoy it you can have a go at ‘mooting’ in a realistic setting.

Katie (LLB Law, 2nd year)

*Guardian University Guide 2019
**Research Excellence Framework 2014
STUDYING LAW

Studying law means more than learning the rules. To truly understand law, you need to understand the complex ways in which it affects our interactions – with each other, with society, and with the state.

You will need to use skills of analysis, reasoning and judgement to tackle thorny problems with ethical, political and social ramifications. It is intellectually demanding, sometimes challenging, but as a result is interesting, satisfying and even fun.

Law graduates are widely recognised for their logical, intellectual and communication skills, which are useful in a wide range of high-level jobs in the legal profession and beyond.

LAW AT YORK

Our innovative courses are designed to provide you with the intellectual challenge of academic study alongside practical legal skills and techniques. You will learn to understand law in its historical, social and theoretical context, and to work with the law as it is applied today.

Our focus on problem-based learning gives you hands-on experience applying legal principles to real and theoretical scenarios. Working with your peers in student law firms preparing cases and simulating negotiations will prepare you for the complexity of legal work. Our courses are taught by active researchers, a number of whom have a background in practice, assisted by practitioners from local and national law firms. This means you get the best of modern legal educational methods, along with academic rigour and depth.

York Law School is well regarded for teaching and research. We ranked fifth in the UK for Law in the Guardian university league tables 2019.

OUR COURSES

At York Law School we offer two- and three-year LLB courses: our two-year Senior Status degree is an accelerated version of the three-year course and is open to those who have completed a first undergraduate degree. The courses consist of three streams:

- the Foundation Stream, comprising the core subjects of legal knowledge
- the Clinical Stream, comprising modules which concentrate on more specialised legal knowledge, the application of law and legal skills in real-world contexts and the development of business awareness and transferable professional skills
- the Law and Society Stream, comprising an interdisciplinary programme of law-related subjects placing the law in its social and theoretical contexts.
WHAT YOU STUDY

The Foundation Stream modules will provide you with an understanding of the traditional core subjects, such as Criminal Law, Property Law, the Law of Obligations, European Union Law and Public Law. Our approach means that these subjects are integrated together, rather than considered separately.

You will also take modules dedicated to the social and theoretical aspects of law, and to developing legal and other 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. Options from the two streams can be combined over the period of your study.

The options on the Clinical Stream concentrate on skills and knowledge that link to professional education and legal practice. Modules include the Law Clinic, which gives you opportunities to participate in, or shadow, cases for real clients across many different areas of law.

The options on the Law and Society Stream 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.

TEACHING AND LEARNING

A large part of the course 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 ‘student law firm’. Each firm will be presented with different problems brought to them – often by ‘clients’ in a simulated practice setting. You will 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 exercise will conclude with a wrap-up session, where you will reflect 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 you progress, the problems will involve increasingly advanced tasks, often crossing subject and discipline boundaries, and more closely resembling complex real-life situations.

For options on the Law and Society stream, you will typically attend more traditional large group lectures and small group seminars. 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. 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 course require a great deal of work and interaction. The result is a course 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, chiefly in Singapore and Hong Kong. After you start your course you can apply for an additional year abroad between years two and three. You then return to York to complete your degree.

YORK FUTURES

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Law School, see york.ac.uk/study/undergraduate/study-abroad.

ASSESSMENT

The assessment methods that we use at York Law School have been designed to suit the unique structure of the course, and to make assessment exercises part of the learning experience. Throughout your course you will receive feedback on your work in problem-based learning sessions and private study. This assessment does not count towards your degree, but will help you understand your strengths and identify areas to work on.

You will also complete coursework, such as skills-based tasks and focused essays, as well as formal examinations, which will count towards your final grade. We have designed these assessments to complement your problem-based learning, so you should be well prepared.

ADMISSIONS

We are looking for students who are able to engage critically with the distinctive blend of teaching and learning styles at York Law School. We will look at your UCAS application and invite you to interview if you have good academic potential. At your interview we will seek to understand your strengths and assess your suitability for the course. You can find a detailed guide to interviews at york.ac.uk/law/undergraduate/interview.

Decisions are made based on the following 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.

We consider each application individually and on its merits. We welcome applications from mature students, who in our view bring a breadth of skills and experience to a problem-based learning environment.

What our graduates do

Our pioneering Careers and Development Programme will put you in an excellent position to make well-informed decisions about your future. We collaborate with leading local, national and international firms, and major vocational training providers, to bring you activities including:

- talks from legal professionals giving insights into their working lives
- workshops to build professional skills and personal development
- Link Days designed to give you real-world legal experience in a law firm or barristers’ chambers
- mentoring schemes with local and national law firms
- a specialist employability tutor offering one-to-one support, advice on CVs and applications, and mock interviews.

These activities, alongside your academic studies, will prepare you for a wide range of careers in law and beyond. Recent graduate employment examples include:

- solicitor
- barrister
- paralegal
- commercial graduate
- customer experience manager
- directorate manager

and cover a wide range of employers, such as:

- Eversheds Sutherland
- Linklaters
- KBW Barristers Chambers
- British Airways
- NHS
- Babcock International
Management School

We offer a combination of real-world experience, academic expertise and interdisciplinary teaching, to develop knowledgeable and highly employable students

Strong links with industry and placement options with leading employers

Research-based education delivered by leading academics

Promoting a broad range of transferable skills which are in demand by employers

Thorough grounding in the theory and practice of business and management

In the UK top 15 for Business and Management*

I absolutely loved my placement year. Not only did I meet a lot of great people and have some incredible experiences, but the skills and knowledge that I have gained from the year have been invaluable.

Becci (BSc Accounting, Business Management and Finance, 4th year)

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 have to cope with the demands of a rapidly changing world where there is increased risk and uncertainty, and where management decisions are highly complex. Managers need to possess a high degree of cultural awareness and the capability to think internationally.

MANAGEMENT AT YORK

The York Management School delivers undergraduate and postgraduate degrees of the highest calibre, with a distinctive collegiate, interdisciplinary, internationally-focused and socially responsible approach. Due to our success, the School has grown significantly in recent years, yet we maintain our focus on students as members of a community of scholars.

You will work with tutors who are at the forefront of knowledge in their discipline. Our staff are highly respected within the academic community and are passionate about their subject, which creates a dynamic and exciting learning environment.

Our courses are directly informed by our research, putting you at the forefront of the latest thinking. We publish research in world-class journals in areas including accounting and finance, human resource management, business ethics, business history, social entrepreneurship, international marketing, organisational theory, risk and gender issues.
We have strong links with businesses. Regular guest lectures and seminars are a chance to network and learn from experienced managers and leaders. Our dedicated Careers and Employability team identify hundreds of student placements each year, offering opportunities for you to gain valuable skills and experience. Whether you go into employment after graduation or embark on further postgraduate study, you will be fully equipped for the challenges that lie ahead.

OUR COURSES
Focus on specific skills with a specialist degree or keep your options open on a more flexible course. Our BA Business and Management offers you the opportunity to build expertise in the management of people and develop your business acumen, while the BSc Business and Management places greater emphasis on operations and business analysis. Our specialist degrees – BSc Accounting, Business Finance and Management; BSc Marketing; BSc Actuarial Science; and BSc Finance, Operations Research, Management and Statistics – will help you develop the key skills, techniques and strategies you need for a career in related professions.

Our graduates find jobs around the world, thanks in part to our constantly evolving courses. Our research-led teaching, interdisciplinary approach and international perspectives give you up-to-the-minute insights into business practice and essential skills for management in the 21st century.

Year in Industry
All of our undergraduate degrees have an optional Year in Industry, and there are opportunities for shorter internships too. Placements like these let you apply your learning in the real world. They can give you important skills such as time management, teamwork, digital literacy and communication, as well as opportunities to expand your business network. We can’t guarantee that you will be selected for a placement. However, our in-house Careers and Employability team will do all they can to help you find suitable positions and provide support for applications, interviews and assessment centres.

WHAT YOU STUDY
Please note that the modules outlined on pages 135–137 are those currently planned for the 2019 student intake. Details of degree programmes may change. Check our website for the latest information.

BA Business and Management
This broad-based degree will introduce you to cutting-edge management theory and practice, with a wide range of specialised modules to choose from. With a more flexible structure than the equivalent BSc, you can tailor your course to fit your interests closely.

The course aims to develop your skills of analysis, problem-solving and decision-making, and give you a socially, ethically and internationally aware approach to business.

In Year 1, you will study core modules which introduce some of the key concepts and techniques used in business and management. The modules give a broad overview of topics you may want to specialise in.

Core modules in Year 2 explore more challenging questions, with opportunities for you to apply your learning to practical problems which organisations face.

In your final year you can choose to develop new skills, take a closer look at topics you are familiar with, or investigate in detail a subject that interests you. You can take either six modules from a wide range of options, or four modules plus a dissertation based on an independent research project.

BSc Business and Management
More mathematically rigorous than the equivalent BA, the BSc in Business and Management is a well-balanced degree that will help you make complex business decisions in a volatile global marketplace. You will develop your analytical, problem-solving and decision-making skills in preparation for a career as a professional manager.

Year 1 will give you a grounding in the challenges facing businesses now and in the future. You will also enhance your understanding of accountancy and statistical research methods. In Year 2, you will expand your understanding of key research techniques and practical skills, with modules covering topics such as business strategy, marketing and project management.

In your final year you will study three core modules, including a business consultancy project. You will choose option modules from a wide range, which includes the chance to complete a dissertation based on your own research.
BSc Accounting, Business Finance and Management

This specialist degree examines how expertise in accounting and finance helps to inform business decisions. You will be expected to think critically and creatively and be encouraged to develop your own ideas.

Year 1 modules currently include Business Economics, Solving International Management Problems, Financial Accounting, Foundations of Business Ethics, and Management Accounting.

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 will build on your knowledge with four core modules on Advanced Financial Reporting, Capital Markets, Critical Perspectives on Accounting and Finance, and Management Accounting Control Systems. You will choose two additional option modules or a dissertation.

The BSc in Accounting, Business Finance and Management is professionally accredited by the Institute of Chartered Accountants in England and Wales (ICAEW) and the Chartered Institute of Management Accountants (CIMA). These professional accreditations enable our graduates to claim exemption from a number of Professional Stage papers of the ICAEW and CIMA syllabuses.

BSc Marketing

This specialist course will give you a thorough understanding of marketing theories, techniques and strategies. You will develop core skills, experience and knowledge of key marketing areas, including digital literacy and ethical practice.

Our strong links with companies give you access to expert guest speakers, and opportunities to work on real-world marketing projects and business consulting reports.

In Year 1, core modules introduce the key concepts and techniques used in marketing, business and management. You will explore the principles and practices of marketing, alongside modules to help you understand financial statements and statistical analysis.

In Year 2, core modules explore a range of different perspectives and techniques to give you better insight into the role of marketing in business. You will choose one option module to broaden your knowledge or investigate a familiar topic in more depth.

In your final year you take three core modules which cover the role of marketing internationally and across cultures, and give you opportunities to put your knowledge and skills into practice with a business consultancy project. You also choose three option modules, which investigate the role of marketing in specific contexts and explore related areas which will complement your studies.

This course is accredited by the Chartered Institute of Marketing. Our graduates can claim exemption from the Marketing module of the Certificate in Professional Marketing, meaning you will only need to complete two further modules to qualify.

BSc Actuarial Science

Actuaries analyse risk in insurance, finance, investment and pensions. They develop mathematical models to manage the financial impact of risk and uncertainty.

This course is taught jointly by the York Management School and the Department of Mathematics, giving you access to expertise in mathematics, statistics, finance, accounting and management.

In your first year you study core modules which cover some key financial and economic concepts and develop your mathematical skills.

In Year 2, you deepen your knowledge of statistics and finance, and take specialist actuarial modules in Portfolio and Investment Theory, and Actuarial Modelling. You will also learn more about the context in which actuaries work by studying Strategy, Management and Organisational Change.

Your final year further extends your knowledge of actuarial science, with advanced topics such as Decision Theory, Stochastic Processes and Contingencies. You also choose one of five option modules, which may include Company Law, Cyber Security for Managers or Behavioural Finance.

This course has been professionally accredited by the Institute and Faculty of Actuaries to offer exemptions from the professional exams CT1–CT8. A new accreditation agreement is expected to be in place by September 2019 offering exemptions from the professional exams CM1, CM2, CS1, CS2, CB1 and CB2 in the new 2019 curriculum.
BSc Finance, Operations Research, Management and Statistics

This course is taught in collaboration with the Department of Mathematics. It will develop your mathematical and statistical skills, to prepare you for a career in quantitative business analysis with a particular focus on finance and operations.

You will learn to use sophisticated tools from a broad range of mathematical disciplines, such as calculus, linear algebra, probability and statistics, to sharpen your mathematical and statistical reasoning. Alongside this, you will develop an in-depth knowledge of the context in which business analysts, quantitative finance officers (‘quants’) and operations managers work. You will expand your knowledge of theoretical concepts, and apply the techniques you learn to practical business problems.

In Year 1, you take modules in mathematics, statistics, accounting, finance and economics that will give you a strong foundation on which to build advanced skills.

Core modules in Year 2 introduce new techniques and concepts, and give you a chance to use complex models for data analysis and operations research. You will also choose one option module, which will give you a deeper understanding of how businesses operate.

Your final year covers advanced statistical and financial skills, in addition to new topics such as game theory and decision theory. Option modules allow you to focus on areas which interest you and include opportunities to work on real-life issues with a business consultancy project.

TEACHING AND LEARNING

We focus on teaching skills and expertise that employers want, which you can put to practical use after you graduate. Our aim is to prepare you for real-world professional management.

Our teaching is research-led. In other words, you will be taught by leading academics involved in high-level research which informs what you study. Our staff are enthusiastic and passionate about their research and 93 per cent of our students agree that they are good at explaining things (National Student Survey 2018).

You will learn through small-group tutorials, student-led seminars, and individual and team project work, as well as traditional lectures. Our courses are designed to encourage you to take responsibility for your own learning and development, but with all the support you need to make the most of your time at university.

STUDY ABROAD

Employers are increasingly seeking graduates who have global awareness and experience of working internationally. All of our three-year degrees give you the option to add a year studying in another country. At the beginning of your second year, you can apply to study abroad.

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for options available in the Management School, see york.ac.uk/study/undergraduate/study-abroad.

I was attracted by the Year in Industry, which I spent working in Canary Wharf. The experience definitely helped me secure a job at a top investment bank. Staff at York 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)
A total of 95.6 per cent of our graduates were employed or in further study six months after graduation.* Our graduates progress 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.

In addition, our employability service tailors a development programme for each student, which includes career advice, industry insights, dedicated workshops, individual mock interviews and many more activities to choose from. 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 programmes also equip you to progress to further postgraduate courses of study, including our research degrees and specialist Masters programmes.

Recent graduate employment examples include:

- analyst
- management consultant
- buyer
- marketer
- corporate finance executive
- trainee accountant

and cover a wide range of employers, such as:

- Aldi
- Grant Thornton
- National Audit Office
- Bank of America Merrill Lynch
- Barclays
- EY

*Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)
Mathematics

*Share in the intellectual excitement of Mathematics within a supportive culture created by world-leading staff*

Wide variety of modules covering the full spectrum of mathematics

Teaching by staff who are world leaders in their field

Ranked fifth in the Russell Group for Mathematics*

Strong emphasis on small group teaching with a comprehensive tutorial and seminar system

Opportunity to spend a Year in Industry or abroad

*In the first year you have tutorials run by your supervisor and based on the core modules. Like the seminars, you can tailor them to your needs. Having a supervisor is great – they provide both academic and pastoral support, and are very helpful when it comes to making module choices.*

Grace (BSc Mathematics, 2nd year)
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 mathematics is primarily about the construction of elaborate and intellectually rigorous systems of knowledge, concerning patterns, numbers, geometry and many other abstract concepts, and how to apply these systems 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, effective communication of complex ideas and information, and numerical and programming skills.

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. Our comprehensive tutorial and seminar system gives extensive support to you throughout your degree.

Over 50 mathematicians are engaged in teaching, and are also active in developing the subject through leading international and interdisciplinary research. In the most recent 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 first year tutorials all the way through to the final year project, supported by regular supervisory meetings.

**OUR COURSES**

**BSc/MMath Mathematics**

The three-year BSc course is designed to train you for a wide range of careers in which broad skills from a Mathematics degree are valued, but direct use of mathematical knowledge may be less prominent.

The four-year MMath course 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 courses are designed to develop a range of skills that are in high demand by employers: in addition to the specialised mathematical knowledge needed in some careers (or for further study or research), there are transferable skills such as analytical thinking and problem solving, together with communication and presentation expertise. This is epitomised by the final year project, a substantive individual mathematical investigation that many students find to be the highlight of their degree.

During the first two years it is generally possible, subject to making good progress, to switch between the BSc and MMath single subject courses.

**BSc Mathematics/Statistics**

Wherever data is collected, there is a role for statisticians and a well-trained one can help advance society’s knowledge and welfare. This degree equips you 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.

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The course appealed to me because it encourages both breadth and depth of knowledge. 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 ocean waves, including the mechanisms which cause them.

James (MMath Mathematics, 4th year)
**Combined degree courses**

We offer a wide range of combined courses, where you study Mathematics and another subject. Several are with naturally related subjects: Physics, Computer Science, Economics and Finance or you could even pair Mathematics with Philosophy. 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 BSc and MMath Mathematics programmes.

Full information can be found on our website.

**BSc Actuarial Science**

Develop mathematical models to manage the financial impact of risk and uncertainty. This degree combines the expertise of the York Management School and the Department of Mathematics. You will sharpen your mathematical skills and statistical reasoning, using advanced calculus, algebra, probability and statistics. In parallel you will study economics, finance and accounting, developing your understanding of the wider context of actuarial work. For further information see the Management School entry on page 133.

**BSc/MMath Mathematics/Physics**

Mathematics and Physics naturally complement each other. Comprehending high-level physics requires a strong mathematical foundation. Mathematical models are developed to explain our observations of the physical world. This course gives you access to the combined expertise of the Departments of Physics and Mathematics. Our specialist teaching emphasises the mathematical structure of physical theory, providing a strong basis on which to build a comprehensive understanding of modern physics. Our Department has many theoretical physicists among its staff, and offers modules in general relativity and quantum field theory. For further information see the Physics entry on page 169.

**BSc/MMath Computer Science/Mathematics**

Computer Science has Mathematics at its foundation, and the study of the two complementary subjects allows you to study topics core to both disciplines while gaining an insight into how the two disciplines intersect. You study both subjects equally, and the skills you gain from both courses will make you highly employable across a range of industry sectors. For further information see the Computer Science entry on page 81.

**BSc Economics/Mathematics**

Economics is becoming more mathematical and now requires highly technical tools. This course is a toolbox you will apply to solving economic problems. Economists build mathematical models to decipher patterns, predict future developments and recommend strategies. You will have the opportunity to learn about these in real-life situations and discuss their application. See also the entry for Economics on page 87.

**BA/BSc Mathematics/Philosophy**

For thousands of years, mathematics and philosophy have occupied the same ground. From Pythagoras to Bertrand Russell, both disciplines developed their own cultural identities, but naturally remained unified. Our contemporary mathematics and philosophy degree applies that marriage of logic and reasoning to the meaning of life and society. See also the entry for Philosophy on page 164.

**BSc Mathematics/Finance**

Today’s financial firms look for those who can carry out sophisticated work with the latest tools. This course provides the training needed to succeed in today’s financial industry. In this three-year degree, you will take modules in mathematics, statistics and financial economics. There will also be opportunities to study business finance, computer programming and other options. See also the entry for Economics on page 87.

**BSc Finance, Operations Research, Management and Statistics**

Taught in collaboration with the Management School, this course will develop your mathematical and statistical skills, to prepare you for a career in quantitative business analysis with a particular focus on finance and operations. For more information, see page 137.

**YEAR IN EUROPE**

In our four-year courses, Mathematics with a year in Europe, and Mathematics/Physics with a year in Europe, you spend your third year studying at one of our European partner universities. Classes in the language relevant to your year abroad (usually French, German, Italian or Spanish) will be available before you depart.

In your first, second and fourth years you follow one of the BSc courses in Mathematics or Mathematics/Physics.

Studying abroad during your Mathematics degree will enrich your education by giving you direct experience of living in another culture (see page 142). It also prepares you for a career in a competitive and global job market.
WHAT YOU STUDY

Year 1
The first year develops areas that are familiar from A level Mathematics (or equivalent) 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.

There are three great 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 year of a Mathematics degree at York, you will be introduced to all three strands. You will develop your skills in calculus and differential equations and learn how they can be applied in real-life situations. You will study analysis, which provides the precise foundation for calculus, and algebra, as both a fundamental skill and a gateway to abstract pure mathematics. Computational and writing skills are also developed.

Year 2
With the first year providing the foundation for more advanced courses, in the second year you can begin to pursue the areas of mathematics that most interest you, for example:

- Group Theory (the study of symmetry and structure, which has been applied to 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 gyroscope)

Many of the second year modules are grouped into ‘pathways’ to help you make a coherent choice, and these in turn lead to a wide range of interesting final year modules.

Final year of BSc programmes
One third of Year 3 is devoted to a substantial individual project, which also develops your mathematical writing and presentational skills. You can choose the mathematical topic that you want to investigate, either from a list of suggested project titles or by coming up with one of your own. The other two thirds consist 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 MMath programmes
Year 3 of the MMath course is similar to that of the BSc, but instead of an individual project you complete a group project.

Year 4 of the MMath involves an individual project and a range of Masters-level modules, taught by active researchers, which allow you to engage with exciting developments in the subject.

Final year modules
Our web pages show the broad range of option modules currently available in the later years of our courses. As well as covering all the main branches of modern mathematics, some of these modules reflect the special interests of members of staff, ensuring that you will be taught by lecturers who are at the forefront of their subject.

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. These are supported in a variety of ways. In your first year, you meet your supervisor once a fortnight for a small group tutorial. In these informal sessions you discuss the core Mathematical Skills module, which develops your skills in understanding, creating and presenting mathematical arguments, and culminates in a group project. All other first year modules are supported by fortnightly seminars in which you can review any lecture material that is puzzling or discuss solutions to assignments. These alternate with problems classes. These continue through all subsequent years of your degree.

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
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 92 per cent of our Mathematics graduates were employed or in further study six months after graduation.*

Recent graduate employment examples include:

▪ software developer
▪ actuarial analyst
▪ trainee accountant
▪ teacher
▪ data scientist
▪ biostatistician

and cover a wide range of employers, such as:

▪ KPMG
▪ local government
▪ Deloitte
▪ Lloyds Banking Group
▪ BAE Systems
▪ JP Morgan

*Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)
Clinical experience in primary care and hospital environments from week three of the course

Access to senior healthcare professionals

Problem-based learning, facilitated by practising clinicians

Training grounded in place-based, patient-centred care, creating agile, resilient doctors

The breadth of clinical experience you gain at Hull York Medical School exposes you to a wide range of patient demographics, while the early and sustained clinical exposure helps to develop your communication skills, particularly with patients, from the very start of the course.

Kiran (MB BS Medicine, 5th year)
STUDYING MEDICINE

Today’s medical professionals must be able to respond to the ever-changing, increasingly complex healthcare needs of patients by applying their knowledge to provide the best treatment and care available, while demonstrating values and traits that inspire trust at the time of their patients’ greatest vulnerability. Studying medicine requires commitment and resilience, but the rewards are vast.

MEDICINE AT HULL YORK MEDICAL SCHOOL

Hull York Medical School is a different kind of medical school. Home to one of the UK’s most exciting and innovative undergraduate medicine programmes, we pride ourselves on producing confident, compassionate, work-ready doctors, whose training, rooted in place-based, patient-centred care, has armed them with the scientific knowledge, empathy and resilience they need to thrive in a modern healthcare environment. As a partnership between the University of York, the University of Hull, and NHS trusts across our region, we deliver exceptional medical education and are able to offer a rarely matched breadth of clinical experience, as well as access to the very best facilities, support networks, research opportunities and academic expertise that the two universities have to offer.

We believe in medical education focused on problem-based learning, with early and sustained clinical exposure delivered by expert clinicians, and with clinical and communication skills training as the key to producing confident and compassionate doctors. Since 2003 we have trained over 1,600 doctors. These doctors are now working in specialities such as General Practice and Psychiatry and some have gained consultant posts. They are all making a difference to the lives of patients within our region and beyond.
We offer a five-year MB BS Medicine course and from 2019 have 220 places available per year. In addition we have just launched a Medicine with a Gateway Year course which is new for 2019 and has 30 places per year available. At the end of your medicine course you will graduate with an MB BS degree awarded jointly by the two institutions.

At Hull York Medical School, you will develop the superior communication skills and a confident, empathetic approach to delivering care that is typical of our graduates. You will enter your foundation training thoroughly prepared for clinical practice.

**MB BS Medicine**

The MB BS Medicine course at Hull York Medical School is one of the UK’s most exciting and innovative undergraduate medicine programmes. The curriculum has been designed specifically to equip you with the skills you need to confidently meet the fast-changing challenges of the 21st-century NHS. Founded on modern teaching methods, a solid grounding in the sciences and structured clinical contact, the course is continually developed to reflect the latest educational methods and scientific research. We also incorporate feedback from patients, our partner trusts, students, and alumni, to ensure we deliver a relevant, contemporary and practical curriculum.

As of 2019 we welcome 220 new students each year, plus 11 international students. At the point of receiving an offer to study with us, you will be allocated a home campus of either the University of York or the University of Hull, which is allocated randomly by ballot, where you will be based for your first two years of study. Regardless of your location, you will follow exactly the same curriculum, before entering permanent clinical rotation in GP surgeries and hospital sites around the region from Year 3 onwards.

**WHAT YOU STUDY**

We have developed a tightly integrated curriculum that enables you to make meaningful and practical connections between individual areas of study. The topics you explore in your problem-based learning sessions will be supported through your clinical placements, lectures, procedural and communications skills classes, workshops and resource sessions, to ensure you develop a fully-rounded and practical understanding of the relevant subject. Our spiral curriculum ensures that you return to each subject area several times throughout the course, refreshing and deepening your understanding each time. Phase I, the first two years of the course, is designed to build the foundations of your medical knowledge and skills, supported by weekly clinical placement. 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. Phase III, your final undergraduate year, will further your skills in clinical management. You will gain extensive experience in medicine, surgery and primary care, and complete a seven-week elective period, which gives you the chance to travel abroad or work in a specialist service in the UK.

**TEACHING AND LEARNING**

Problem-based learning (PBL) is at the centre of our education philosophy in Phase I. Led by experienced doctors with a passion for education, it is a key strength of the Hull York curriculum, offering a lively, interactive and enjoyable way to build your knowledge, and hone your problem-solving skills in a supportive environment. You stay in the same small group of typically ten students for the entire year, with the same tutor for two half-day sessions each week. Working together, you will discuss a specific patient case study to reinforce what you already know and identify what you need to learn. Lectures, clinical skills teaching, placements, resource sessions and your own independent study all provide you with opportunities to explore these issues. Later in the week you will meet with your group again to discuss your learning, consolidating the key information and deepening your understanding.

You will graduate from Hull York Medical School with an in-depth understanding of all the relevant sciences and a sensitive understanding of people, as well as the ability to communicate effectively and work as part of a team. We train you to deliver the exceptional care that will transform the lives of your patients.

Professor Martin Veysey, MB BS Programme Director and Consultant Gastroenterologist
Problem-based learning at Hull York Medical School is facilitated by experienced and practising clinicians, whose guidance and first-hand experience ensure you learn in a clinically relevant context and satisfy the required learning outcomes. Your tutor will also provide pastoral support throughout the year, as you build close relationships with them and the rest of your group.

STUDENT SUPPORT
Our dedicated student support team, which operates in addition to services provided by the Universities of Hull and York, is available to offer confidential help and advice with managing both academic and personal pressures, creating a supportive environment in which to develop the resilience and sensitivity you will need as a qualified doctor. Our tutors and staff take the time to get to know you personally, fostering an overall culture of support and encouragement in which you are able to fulfil your potential.

INTERCALATED DEGREES
We offer a diverse programme of intercalated degrees open to Hull York Medical School 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 develop your academic interests further, it also gives you a qualification that enhances your CV. You can intercalate at undergraduate (BSc) or postgraduate (MSc or PhD) level at Hull York Medical School, at the Universities of Hull or York, or at another university. There is a wide range of subjects to choose from: see hyms.ac.uk/undergraduate/intercalated-degrees/intercalation.

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 arrangements to study medicine in one of a wide variety of situations throughout the world. Previous electives completed by our students have included placements in Greenland, Grenada and Vietnam, as well as with the London Air Ambulance and NASA. You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad.

ASSESSMENT
Feedback and assessment are essential elements of the undergraduate experience. Throughout the course you will receive feedback on your day-to-day activities, including your academic achievements and performance on placement. Feedback is provided both formally and informally, and is delivered verbally and electronically, through an Electronic Record of Achievement. In addition to feedback from tutors, you will receive feedback from your peers and from the simulated and real patients you meet during your studies. Formative assessments are designed to allow you to become familiar with the format of assessments, to gauge your progress, and guide your development. Summative assessments are used to measure progress and to determine whether you have achieved the level of attainment required to progress through the course. Clinical assessments, used to measure your abilities when working with patients, are likely to be a new experience, and we will ensure you are supported to achieve your full potential.

MB BS Medicine with a Gateway Year
Launched in 2019, the Medicine with a Gateway Year course forms the first academic year, and on successful completion of this, you will automatically progress to our five-year MB BS Medicine course. The course is designed to enable those who are passionate about making a difference to patients’ lives, but do not yet meet the academic requirements of the five-year Medicine programme, to take the first step on their journey to becoming fully qualified doctors. There are 30 places available each year for the Gateway course.

The Gateway Year focuses on facilitating your transition from school or college to university, bringing your scientific knowledge up to the required standard, and enhancing your study skills while teaching you about professionalism and the NHS. You will experience clinical placements in a GP and hospital setting from the very start of the course, coming into contact with real patients as you begin to develop the excellent communication skills and confident, empathetic approach to delivering care that are the hallmark of our graduates. This hands-on experience will be supported by a combination of small group teaching, self-directed learning, lectures and clinical skills sessions, ensuring you are able to transition smoothly and confidently into life as a medical student.

As well as our specific academic entry requirements, applicants must also meet a number of additional criteria. See hyms.ac.uk/gateway for details.
ADMISSIONS
We pride ourselves on our fair, transparent and inclusive selection process, which we use to recruit and admit high quality students. We know that many applicants find the process daunting, so our friendly and knowledgeable admissions team is always on-hand to answer your questions and offer timely, jargon-free guidance and support where possible. Full details about the application process can be found at hyms.ac.uk.

ENTRY REQUIREMENTS
To apply for a place at Hull York Medical School:
▪ You must be aged 18 or over on 1 October in the year you start the course.
▪ You must take the UKCAT in the year of application.
▪ You must not have been previously enrolled on a medical degree elsewhere.

Note that:
▪ Resits of GCSEs are accepted.
▪ For the five-year Medicine course, A-level exams should normally be completed within a two-year period of study; however applications are welcome from students who have achieved AAB at first sitting and are taking one additional year to achieve AAA.

From time to time, our entry requirements may be reviewed and updated. For the very latest information, please visit hyms.ac.uk/medicine/applying-to-studymedicine/entry-requirements.

AFTER GRADUATION
At the end of the Medicine Programme you will receive your MB BS (or equivalent) degree, which is a primary medical qualification (PMQ). Holding a PMQ entitles you to provisional registration with the General Medical Council. Please visit the Hull York Medical School website at hyms.ac.uk/medicine/after-you-graduate to find out more.
Music

We are a leading department in creative, practical, technological and scholarly approaches to music, offering flexible courses that promote academic excellence through practical experience.

Our staff include internationally renowned scholars, composers and performers.

Wide range of modules to match your interests and ambitions.

Small group teaching based on internationally-recognised research and industry practice.

High quality performance opportunities.

Excellent facilities including two public concert halls and a recording studio complex.

York appealed to me because of the fantastic atmosphere and the excellent course. Our lecturers are down to earth, extremely interesting, and passionate teachers, as well as producing some of the top current research. This creates a stimulating academic environment, offering in-depth insight into a variety of topics.

Anna (BA Music, 2nd year)
STUDYING MUSIC

We come into contact with music every day: on the internet or 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. The story of music is always about people and their creativity – even in a world full of music, what it is and what it does still matter.

MUSIC AT YORK

At York, creative practice and rigorous scholarship go hand in hand. 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 public evening concerts, which are free to music students (see yorkconcerts.co.uk for details). These concerts also include a wide range of visiting professional performers, giving students the opportunity to experience at first hand live music-making of the highest quality. Along with a regular series of masterclasses, there are many opportunities for students to perform alongside established musicians and ensembles.

The Department includes renowned performers, composers, musicologists and music technologists among its staff, many of whom have received international awards for their work. Modules are shaped by recent research developments, and cover a wide spectrum of musical disciplines. Composition, music psychology, vocal music, music technology, jazz, world music, historically-informed performance of early music, community music, musicology and analysis are all important parts of what we do. In the most recent Research Excellence Framework assessment, 96 per cent of the Department’s research activity was rated as internationally recognised.

There are many opportunities for students to contribute to musical life beyond the campus. York Minster Choral Scholarships are offered annually – contact music@yorkminster.org for details. We are strongly involved in the York Early Music Festival and the programmes of jazz and world music that take place in the city. In addition to University-administered worldwide exchange schemes, the Department currently has exchanges with universities in Finland and France, and other links may be added. This programme gives students the option to spend time at our partner universities in Year 2.

Our 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 two Steinway grand pianos, 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 piano. There are also many early keyboard instruments, a range of medieval and

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<td>Other qualifications For details of other acceptable qualifications go to york.ac.uk/study/undergraduate/applying/entry</td>
<td></td>
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</tbody>
</table>
Renaissance instruments, and sets of recorders and viols. The study of world music is supported by a Javanese Gamelan and collections of Thai, African and Indian instruments. The Trevor Jones studio complex is available for sound recording and music production and an additional two studios are available for creative work and concert recording.

OUR COURSES

The BA in Music and BA in Music and Sound Recording are three-year, full-time programmes of study. You may have the opportunity to find and secure a placement year between the second and third year of your course.

WHAT YOU STUDY

The York Music graduate is a creative, critical, independent thinker. Our degree courses develop these qualities through our modular teaching system covering all forms of musical activity; performance, composing, analysis, musicology and music technology are all valued. You will learn from musicians and scholars who are leaders in their fields and benefit from the working relationships we have built up with our professional partners – an enviable roster of artists-in-association. We teach in small groups and individual tutorials, which means that you will always be actively engaged in discussion with your lecturers. Alongside traditional text-based study you will be taught through seminars, workshops and practical exercises: you will study music from the inside, an approach that is central to our vibrant, supportive and internationally respected department.

BA Music

Both flexible and challenging, the BA Music course delivers a balanced musical education and develops key skills, while providing you with opportunities to specialise and pursue your own choices of study under expert guidance. We provide high quality, individual instrumental and vocal tuition across a variety of genres. You will be supported with a bursary for lessons; this will be enhanced if you choose to present a final recital in Year 3.

Specialist modules are updated every year and cover all aspects of music from medieval to electronica (see york.ac.uk/music/undergraduate/modules). These typically involve a period of learning in small group classes combined with independent study through which, with individual assistance, you produce a folio of work for assessment. You also take modules designed to develop core skills, offering a breadth of scope to complement and support the areas of specialist study. You will develop research techniques, skills in writing about music, aural ability, and analytical, critical and creative thinking.

In Year 3 you devise, research and produce an Independent Project. Building on skills acquired across your degree, it is an opportunity for you to develop a piece of large-scale work that allows you to concentrate in depth on a particular area of interest and will be useful to your future career. Past Independent Projects have included dissertations, editions, albums, innovative performance events, orchestrations, film music, community music projects, and many other types of work.

BA Music and Sound Recording

The BA Music and Sound Recording course acknowledges that music and production are no longer separate activities. At its heart is a contemporary view of music production and associated audio professions that recognises the dramatic and ongoing changes in the recording and media industries in recent years. You will have an opportunity to create an individual set of intellectual, technical and creative skills from a core programme of artistic and technical development.

You can specialise across a wide range of music activities and studio-based arts. We provide a skill set which highlights enterprise, enabling you to take creative, design and managerial roles in projects that

“...

What appealed to me about York was the sheer amount of knowledge the faculty members had to share. The lecturers are passionate and teach in such a way that seeps enthusiasm. The equipment we have within the Department is astounding, with industry-level hardware and software. The Department feels like a family, everybody knows each other.

Karl (BA Music and Sound Recording, 1st year)
will prepare you for a career in the music and audio industries. To this end, the course addresses a wide array of contemporary contexts for music production: from pop studio practice to classical recording.

You will also engage with extensive practical and theoretical coverage of new systems and philosophies for sound and music creation and performance. This is combined with an evidence-based approach to audio principles and studio technique, drawing on relevant engineering practice and scientific knowledge. This will enable next-generation tools to be designed and developed.

You will benefit from modules in creative entrepreneurship, developing individual work and research under close supervision by staff with significant industrial and creative experience. These modules will allow you to reflect critically and help you respond to the demands of the professional environment.

**ASSESSMENT**

We want to discover what you can create in response to our teaching; the majority of your assessment will be through portfolios, the exact contents of which you will choose yourself with guidance from the module tutor. The nature of the submission varies according to the module content and might consist of a performance with a commentary or 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. You will receive detailed feedback on all your work, helping you to refine your skills and grow in confidence. It is an approach that challenges you to take what you have been taught and extend it into new, exciting areas.

**ADMISSIONS**

We select on the basis of the information offered in your UCAS application. Your musical knowledge and performance ability are considered based on your previous qualifications (A levels, ABRSM Grade exams, or equivalent). If your application is successful, we will invite you to York for a Visit Day. We offer a range of activities during Visit Days that are intended to give you first-hand experience of working with members of our academic staff, to give you an idea of the practical and performance opportunities at York, and to explore ways in which you may wish to develop your work in future.

We are looking for applicants with musicality, imagination, expertise in the music in which you are interested and a good general knowledge of a variety of musical genres. For BA Music, we like you to have Grade 8 or equivalent standard on your principal study instrument; some experience of harmony and counterpoint is useful. For BA Music and Sound Recording, a minimum of Grade 5 in Music Theory and Grade 7 in Music Performance are desirable.

**YORK FUTURES**

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

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**What our graduates do**

Our past students have become well known as performers, composers, broadcasters, writers and teachers. Many are able to begin their professional career straight away. Others 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.

The emphasis that our course places on in-depth specialisation and your own initiative is valued by employers in many different professions; the skills developed during the degree programme also equip you for a wide range of career paths.

Recent graduate employment examples include:

- professional musician
- studio manager
- music therapist
- projects and communications officer
- music teacher
- Development and Alumni Engagement assistant, Royal College of Music
- various professional orchestras and choirs
- BBC
- Joseph Rowntree Foundation
- GlaxoSmithKline
- ABRSM
- Mencap

and cover a wide range of employers, such as:
Natural Sciences

Our courses offer a breadth and depth of scientific knowledge to train the next generation of world-leaders in science, industry, academia and government.

Range of programmes built on the natural synergies that exist across scientific disciplines

Study in world-leading research institutes

Hi-tech flexible learning spaces in our Natural Sciences building

Natural Sciences hour, which includes research seminars and workshops from employers

Individual pastoral supervision and a subject adviser in each contributing department

The whole Natural Sciences feel is unbelievably communal, relaxed and happy. The support and interest of the staff in Natural Sciences, and across the University, makes you feel part of something exciting and progressive.

Megan, (Nanoscience, 3rd year)
STUDYING NATURAL SCIENCES

Studying Natural Sciences equips our students with the interdisciplinary skills and knowledge to tackle the most important problems in modern science. 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 blends scientific disciplines by focusing on areas of interdisciplinary research excellence across the Departments of Archaeology, Biology, Chemistry, Electronic Engineering, Environment and Geography, Mathematics, Philosophy, Physics and Psychology. There is a choice of eight combinations which provide opportunities for students to structure their degree. All Natural Scientists at York undertake a final year project, typically in state-of-the-art academic research facilities.

As a Natural Sciences student, you are a member of the School of Natural Sciences. The dedicated Natural Sciences Learning Studio is a flexible learning space which you will use for studying, socialising, revising and...
discussing your work with other Natural Scientists who may be on quite different pathways from your own.

Natural Sciences hour takes place once a week during term-time at the end of the teaching day. It gives you the opportunity to engage with employers, benefit from research seminars and receive bespoke skills training, while spending time and socialising with other Natural Sciences students.

OUR COURSES

Natural Sciences courses at York fall into two categories, ‘interdisciplinary’ and ‘specialisation’, and are described below. All courses are available as either three-year (BSc) or four-year (MSci) programmes of study. We offer a year abroad and Year in Industry on most of our specialisation courses.

INTERDISCIPLINARY COURSES

You will study multiple subjects throughout your period of study. Each course focuses on a particular University of York interdisciplinary research strength. These courses (with contributing departments shown in brackets) are as follows.

**BSc/MSci Mathematical Bioscience**

*(Biology and Mathematics)*

Mathematics and mathematical modelling are becoming increasingly important in understanding natural and biological processes; they enhance understanding of complex systems and enable quantitative predictions. The Mathematical Bioscience course will foster and develop your abilities to use mathematical techniques to understand the dynamics of the natural world, with an emphasis on ecology and ecological modelling. You will benefit from established interdisciplinary connections and close collaborations between the Departments of both Mathematics and Biology, in teaching and research. The skills you will develop are transferable to other areas of research and further afield to problems in finance and industry.

**BSc/MSci Biophysical Science**

*(Biology/Chemistry/Physics and Mathematics in Year 1 only)*

Many of the most significant advances in biosciences have been made by biophysicists, including, for example, the famous elucidation of the double-helix structure of DNA. The Biophysical Science course provides a quantitative grounding in the physical and biochemical sciences, and leads students on to specialise in the interdisciplinary area of biophysics, a particular York research strength. You will become 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.

**BSc/MSci Nanoscience**

*(Chemistry/Electronics/Physics/Mathematics)*

Miniaturised electronic devices pervade modern life. As devices become smaller and smaller, it becomes increasingly challenging, but no less important, to continue the trend. More precisely, Nanoscience is the study and manipulation of atoms, molecules and other very small objects to create unique functional systems. A primary focus for this research at York is the industry-backed York-JEOL Nanocentre, where you could undertake your final year project. Through the course you will learn how using quantum and statistical mechanics and thermodynamics on a scale of less than 100nm, barely a few hundred atoms across, and arranging atoms and molecules in specific ways, leads to new materials or systems with remarkable functions.

**BSc/MSci 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 course will facilitate students working in two world-class research centres, the York Neuroimaging Centre (YNiC) and the Centre for Hyperpolarisation in Magnetic Resonance (CHyM).

SPECIALISATION COURSES
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.

BSc/MSci Archaeology/Biology/Chemistry/Environment
This unique combination of subjects utilises core scientific knowledge to enhance understanding and application within each of the disciplines. The field and laboratory skills developed within the interdisciplinary fields of environmental archaeology combine with traditional chemical and biological sciences, allowing a much greater appreciation of the interdisciplinarity of these subjects and an ability to converse at a high level in them.

Bsc/MSci Archaeology/Biology/Environment
You will develop scientific knowledge and skills in three complementary disciplines. You will become a truly interdisciplinary thinker combining traditional biological science with current topical environmental science and past human archaeology. You will increase your skills and employability through working across disciplines.

BSc/MSci 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.

BSc/MSci 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.

YEAR ABROAD OR IN INDUSTRY
All of our courses offer the opportunity to spend a year abroad or a year in industry. Students studying courses that don’t have year abroad or year in industry options can benefit from the University Year in Industry and placement year and study abroad opportunities. See York Futures below for more details.

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 degrees, you will be studying them with 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 students 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 to all traditional scientific subjects.

TEACHING AND LEARNING
A Natural Scientist at York experiences a variety of different types of learning activities.

- 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 have only 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. Most lectures are shared with single subject students, but tutorials and seminars
are often delivered with groups consisting only of Natural Scientists.

- Laboratory work (whether experimental or computational) is at the heart of Natural Sciences. Undertaking experiments and understanding the experimental method is not just a useful skill but underpins the very nature of empirical science. Laboratory work is sometimes carried out 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 may have field trips which involve experimental work ‘in the field’ at locations of particular interest.

ASSessment

The Natural Sciences degree courses 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.

ADMISSIONS

Applicants are selected for interview based on the information on their UCAS application. A decision on the offer level is based on both performance at interview and evidence from the UCAS application. The entry requirements are different for the various Natural Sciences courses: see the table below.

Applicants may change their preferred Natural Sciences course up to the end of July 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 web pages for details.

YOuRK FuTuRES

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the School, see york.ac.uk/study/undergraduate/study-abroad.

What our graduates do

Studying Natural Sciences at York will equip you with the skills and knowledge you need 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, government, science and non-science-based roles.

Some career options will depend on the specialist pathway chosen but could include environmental consultancy, healthcare science, accountancy or technology consulting. Other career options could include investment banking analyst, project manager, market research executive, Civil Service fast streamer, research officer, patent attorney, data analyst or quality control analyst.

<table>
<thead>
<tr>
<th>Courses</th>
<th>A level requirements</th>
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<tbody>
<tr>
<td>Archaeology/Biology/Environment</td>
<td>Two from Biology, Chemistry and Mathematics</td>
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<tr>
<td>We will consider students taking the IB with Mathematics at Standard level</td>
<td></td>
</tr>
<tr>
<td>Archaeology/Biology/Chemistry/Environment</td>
<td>Chemistry and Mathematics. We will consider students taking the IB at Standard level</td>
</tr>
<tr>
<td>Neuroscience</td>
<td></td>
</tr>
<tr>
<td>Biology/Chemistry/Physics</td>
<td>Chemistry, Mathematics and Physics</td>
</tr>
<tr>
<td>Biophysical Science</td>
<td></td>
</tr>
<tr>
<td>Chemistry/Mathematics/Physics</td>
<td>Mathematics and either Biology or Further Mathematics</td>
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</table>
Nursing and Midwifery

Join the nursing and midwifery leaders of the future

Nursing and Midwifery courses delivered in partnership with health and social care providers across the region

Clinical Simulation Unit based on campus

Record of employment on completion

Scientific, research-informed curriculum

Support from academic staff, including subject specialists and registered nurses and midwives with experience of clinical practice

“I was highly attracted to the Nursing course at York, through the great opportunities it offered. The variety of mental health services I have worked in has added to my skills, which are transferable from job to job. I am very excited for the future.”

Lou (Nursing student, 3rd year)
STUDYING NURSING AND MIDWIFERY

As a student of our vibrant, multidisciplinary department, you will benefit from the latest developments in healthcare practice and policy, guided by our world-leading research. Our research-informed, forward-thinking curriculum will give you the tools you need to be a competent and confident practitioner.

At the end of your course you will have both an academic award and professional registration with the Nursing and Midwifery Council. You will also be ready to take on a challenging career and become a leader in your field.

SIMULATION FACILITIES

Our Clinical Simulation Unit (CSU) has two four-bedded hospital bays, an intensive care suite/labour room, and a community bedsit. The CSU allows you to practice clinical procedures using skills trainers. To help consolidate your learning, we use simulated patients/actors in this environment. Our excellent audiovisual and IT equipment allows us to monitor your activities in the CSU and provide feedback on your work.

Our lifelike, high-fidelity adult, junior and baby patient simulation manikins replicate a range of physiological signs and symptoms. They enable you to practise responding to real-time clinical scenarios including medical emergencies.

NURSING AND MIDWIFERY COURSES

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Course Title</th>
<th>Code</th>
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<tbody>
<tr>
<td>BSc (Hons) Nursing (Adult)</td>
<td></td>
<td>B742</td>
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<tr>
<td>BSc (Hons) Nursing (Child)</td>
<td></td>
<td>B732</td>
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<tr>
<td>BSc (Hons) Nursing (Learning Disability)</td>
<td></td>
<td>B763</td>
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<tr>
<td>BSc (Hons) Nursing (Mental Health)</td>
<td></td>
<td>B762</td>
</tr>
<tr>
<td>MNurs (Hons) Nursing (Adult) (4 year)</td>
<td></td>
<td>B743</td>
</tr>
<tr>
<td>MNurs (Hons) Nursing (Mental Health) (4 year)</td>
<td></td>
<td>B760</td>
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<tr>
<td>BA (Hons) Midwifery Practice</td>
<td></td>
<td>B720</td>
</tr>
</tbody>
</table>

Courses are three years unless stated otherwise.

KEY FACTS

Admissions Tutor  
David Graham

Telephone  
+44 (0)1904 321321

Website  
york.ac.uk/healthsciences

Email  
dohs-ug-enquiries@york.ac.uk

TYPICAL OFFERS

Typical offers: A Levels
BBB for BSc Nursing, ABB for MNursing, ABB for BA Midwifery
A reduced offer may be available where an EPQ is taken alongside three A levels or equivalent

IB Diploma Programme
31 points for BSc Nursing
34 points for MNursing
34 points for BA Midwifery

BTEC National Extended Diploma
DDM

ESSENTIAL SUBJECTS

GCSE English Language, Mathematics, and Science at grade 4/C or equivalent

ENGLISH LANGUAGE REQUIREMENT

IELTS 7.0 with at least 7.0 in all areas

TEACHING AND LEARNING

We use innovative and creative methods to help you learn how to assess, plan, implement and evaluate high quality patient care. Through an equal balance of theoretical and clinical learning, you will be supported to develop the knowledge, skills and understanding you need to work in a diverse range of practice placements. You will attend lectures related to the core subjects and other broader themes, and take part in small seminar group work, student-led activities and simulated practice.
NURSING AT YORK

Nurses are at the heart of healthcare. As a student of nursing you will work in a range of diverse settings and with individuals of all ages. After completing your course, you will register as a knowledgeable, highly-skilled and confident nurse with opportunities to work in clinical practice, community nursing, research, humanitarian aid or higher education. Nursing is a career where you can make a difference.

New standards from the Nursing and Midwifery Council (NMC) issued in 2018 are driving our innovative and research-informed curriculum which will prepare you to be the future providers and leaders of nursing care. Studying at York will allow you to develop the knowledge, skills and understanding you need to excel in nursing.

What you study
Our stimulating and supportive nursing courses will enable you to become a self-directed and independent learner. You will gain intellectual independence, enabling you to challenge established ideas in theory and practice. You will develop the skills you need to provide high quality, safe and effective care underpinned by a broad range of knowledge from biological and natural sciences, psychology, sociology, leadership and research.

When you apply, you choose one of our fields of practice to specialise in, and you will apply all of your theoretical learning to that field in your practical work.

Practice experience
In collaboration with our practice partners, we support your learning in a number of diverse clinical practice placements. You will have the opportunity to gain experience in a broad range of settings across the region, working alongside experienced nurses and healthcare practitioners.

Assessment
You will be assessed throughout the course in both theoretical and practice elements. A variety of assessment methods including presentations, essays, reports, simulated scenarios and examinations will be used.

OUR COURSES

BSc Nursing (Adult)
Learn how to respond to the needs of individuals and families who are experiencing acute health crises, living with long-term conditions, or facing the end of life. Your practice will involve caring for people in their own homes, health centres, and hospitals. You will learn about nursing across the life span, providing evidence-based, person-centred care.

BSc Nursing (Child)
Develop an understanding of the healthy child and young person, before progressing to explore the healthcare needs of the sick child and their families in a wide range of environments. You may encounter children experiencing mental health problems, learning disabilities and acute healthcare problems.

BSc Nursing (Learning Disability)
Develop a clear person-centred approach to care, working with individuals and families across the life span, while supporting the needs of the individual and enabling them to have a voice to shape the direction of their lives.

Studying nursing at York has shaped who I am as a person, opened my eyes to opportunities I never knew existed, and given me the confidence to take those opportunities. The excellent teaching and support has helped me achieve more than I ever imagined possible, and enabled me to be the best nursing student I can be. Studying in York has allowed me to experience a variety of placement settings, locations and types of nursing, which I feel will provide a great foundation to build my career on.

Megan (Nursing student, 3rd year)
BSc Nursing (Mental Health)

Work in collaboration with patients and carers, taking into account their culture, hopes and expectations. As a student of mental health nursing, you will develop a philosophy of patient-centred care. You will be involved in facilitating care across the life span that is based on up-to-date research and principles of recovery.

MNurs Nursing (Adult)
MNurs Nursing (Mental Health)

Graduating with a postgraduate qualification will help you to become a future leader, shaping care delivery across healthcare settings. You will develop a range of advanced nursing skills alongside strong research skills, on a course taught by internationally renowned clinicians and researchers. On this integrated Masters course, you will develop the leadership skills and understanding of quality improvement that you need for a successful career in your chosen field of practice. You will be a valuable asset to healthcare providers, sought after for employment.

MIDWIFERY AT YORK

BA Midwifery Practice

York midwives are inspirational and ambitious, ready to take a leading role in contemporary midwifery care. As a student here, you will gain the skills you need to enter into a challenging and rewarding professional career.

The course philosophy focuses on both the ‘art’ and the ‘science’ of midwifery. We support you to build the effective communication skills and knowledge you need to work with women, families and colleagues and to provide compassionate care in a variety of social and cultural contexts.

You will learn how to be a safe, clinically competent, reflective practitioner within contemporary midwifery, maternity and healthcare. Our course has recently been re-accredited with the UNICEF Baby Friendly Initiative (BFI) award. The BFI sets standards to facilitate effective parent–baby relationships and choices regarding infant feeding. In 2018, our undergraduate midwives achieved an outstanding 100 per cent in this assessment.

What you study

At the beginning of your course, you will learn about a woman’s care throughout the normal pregnancy, labour, birth and postnatal continuum. You will learn what to expect at each stage of a woman’s journey, recognising the importance and value of holistic and individualised midwifery care.

Later in your course, you will study how to support women experiencing complicated pregnancies and births, both in theory and in practice. Throughout your course, you will be supported 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, giving you the opportunity to observe and experience a range of midwifery practices and philosophies of management and care. During the course you will also have the opportunity to undertake an elective placement and take responsibility for your own caseload of pregnant women.

Teaching and assessment

We use a diverse range of assessment methods to help you achieve and demonstrate learning outcomes. These include grading of clinical practice, exams, objective structured clinical examinations (OSCEs), presentations, vivas and a dissertation.

I have loved every part of my journey so far at York. The lecturers are so helpful and supportive. I have made some great friends and being a part of a small cohort has enabled us to all support each other through all aspects of ‘uni’ life! The course structure is very good and works well alongside our clinical placements. The mentors in the clinical areas are also very supportive and encouraging.

Jenna (BA Midwifery Practice, 2nd year)
NURSING AND MIDWIFERY ADMISSIONS

We are looking for strong candidates who are ambitious, analytical, caring, courageous, inquisitive and enthusiastic. Your academic qualifications are considered alongside your personal statement and supporting evidence.

In your application you will need to demonstrate your understanding of the course you want to apply for, and how that course will help you in the future. It is important to show us that you understand how your knowledge, skills and attributes will apply to your course. Previous experience in healthcare is not essential.

All applicants to Nursing and Midwifery are required to demonstrate an awareness of and commitment to the core values of the NHS.

We may ask you to attend an admissions selection day. All offers will be conditional upon completion of relevant qualifications, a Disclosure and Barring Service check, and an occupational health assessment.

FUNDING

Up-to-date information about funding for all our programmes can be found on our website: york.ac.uk/healthsciences.

What our graduates do

The Department has an excellent record in students achieving immediate employment after their pre-registration nursing and midwifery programmes. Recent graduate employment examples include:

- community learning disability nurse
- staff nurse
- midwife
- clinical team leader
- counsellor
- cognitive behavioural therapist

and cover a wide range of employers, such as:

- NHS
- Partnerships in Care
- The Priory Group
- Turning Point
- The Retreat
- The Cambian Group
Philosophy

Our distinctive programme and supportive approach will help you develop as a philosopher and gain valuable skills for further study and a range of careers.

Small seminar groups taught by world-leading academics

Students go on to careers ranging from IT to management, law to education

Strong international links and opportunities to study abroad

In the most recent assessment of UK research, 96% of the Department’s work was judged ‘of international standard’*

Scored 95% for overall student satisfaction**

Every week, staff will allocate time for students to come and visit, to talk about any material, questions or general ideas you might have about what you’re studying, and beyond. This is one of the best things about studying Philosophy here – you can talk about specialist subjects with leading academics in your own field.

Arun (BA Philosophy, 2nd year)

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*Research Excellence Framework 2014
**Unistats rating of the National Student Survey 2018, for single-subject Philosophy
The aim of Philosophy is to gain a clearer understanding of ourselves and 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; how words have meaning; what a number is; what makes an action right or wrong; and what justice is, and what it requires us to do.

You have probably already been fascinated, at some point, by these kinds of questions, and in studying Philosophy you will address them rigorously. You will read original works of philosophy 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 creativity as well as careful thought. In the process you will grow and develop intellectually, as you arrive at well-founded views of your own.

One way of studying these problems is to look at the approaches taken by previous thinkers, 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 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 hone important transferable skills in analysis, creative problem solving and clear communication.

PHILOSOPHY AT YORK
York’s Department of Philosophy is relatively large, and staff have a very wide range of interests – from ethics to philosophy of mathematics, from philosophy of religion to ancient philosophy and the philosophy of art. As a result, we can offer a wide choice of modules in all the central areas of Philosophy.

Our staff are committed to teaching; enthusiastic about discussing philosophy with students and constantly exploring new ways to enrich the learning experience. They are active in research – developing new ideas and presenting them in journal articles and books – and their engagement with cutting-edge philosophical debates brings richness and excitement to lectures and seminars.

Although we are a large department we work hard to get to know our students, build relationships and maintain a friendly and informal atmosphere – challenging and supporting you to do your very best. Students appreciate the breadth of our teaching, and in the most recent Research Excellence Framework assessment, 96 per cent of the Department’s research activity was rated as internationally recognised.

Our courses in Philosophy are designed to foster skills that will not just make you a better philosopher, but will also be applicable to any further study and be valued in a wide variety of careers. Studying Philosophy helps you to develop key abilities:

- understanding and explaining problems
- developing solutions
- being open-minded and imaginative
- laying out arguments and presenting reasons for your views
- making a judgement on the basis of evidence

It’s all about considering difficult conceptual issues in a systematic, logical, and even-handed way.

OUR COURSES
In addition to single subject Philosophy we offer combined degrees with English, French, German, History, Linguistics, Sociology, Mathematics and Physics. With the exception of Physics with Philosophy (where students study these subjects in the ratio 2:1), students on combined degrees divide their study equally between the two subjects, though for some combinations it is possible to vary the balance in the final year.

We also contribute to degrees in the School of Politics, Economics and Philosophy (see page 180), the School of Natural Sciences (see page 154), and the School of Social and Political Sciences (see page 195). Further details of all our courses are available on our website.

WHAT YOU STUDY
The modules on offer and the course structure may vary from year to year, but our courses are carefully planned to ensure that you have a firm grounding in central philosophical topics before moving on to specialise.

I chose York because the course covered many different aspects of philosophy and offered a diversity of topics in all three years. I’ve really enjoyed studying epistemology and metaphysics, focusing on questions about what we know and what there is, things we simply take for granted. The Department’s staff are incredibly supportive, helping me to achieve the best possible grades and expand my horizons.

Angus (BA Philosophy, 2nd year)
Year 1: Introduction
The first year introduces key issues in Philosophy and develops foundational skills in close reading, clear writing, collaborative discussion and critical evaluation. We currently offer the following modules:

- Reason and Argument
- Early Modern Philosophy
- Ethics
- Knowledge and Perception
- Introduction to Ancient Philosophy
- Metaphysics.

All Philosophy students take the skills-based module Beginning Philosophy. Single subject students also carry out a short independent research project – although 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 your course depends on which programme you are studying.

Marks for first year Philosophy modules do not count towards your final degree class.

Year 2: Deepening understanding
In the second year you will have the opportunity to investigate areas of Philosophy that particularly interest you, developing your knowledge and understanding through a number of Key Ideas modules.

The range of Key Ideas modules is wide, covering areas such as applied ethics, theory of knowledge, philosophy of mind, metaphysics, philosophy of art, philosophy of religion, philosophy of language, feminist philosophy, philosophy of science and a variety of key periods and figures in the history of philosophy.

In addition to these modules, you will work in a team with other students to produce a podcast which explores an important contemporary issue from a philosophical perspective. You will also be helped to review your work and feedback from Year 1 and draw up a plan for improvement, and you will write an independent research essay on philosophy from a different historical or cultural context.

Year 3: Advanced options
In your final year you will use the knowledge, understanding and skills you have built up to tackle challenging modules led by academics researching in these specialist fields, and undertake substantial independent work. Recent third year module topics have included:

- Philosophy of art (including film), creativity and imagination
- Applied ethics, including bioethics
- Philosophies of mathematics, physics and history
- The philosophy of Christianity
- Problems of knowledge, including perception and cognitive diversity
- Consciousness, the emotions and other topics in the philosophy of mind
- an independent research project
- major figures and themes in western philosophy – from Plato to Nietzsche, German Idealism to Wittgenstein.

Single subject Philosophy students typically take five full modules, which may include one in another department.

Combined subject students will typically choose at least two of these Philosophy modules; Physics with Philosophy students choose one of these modules. Most combined subject 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 gets you reading, thinking, questioning, discussing and writing philosophy yourself.

Studying Philosophy, each day should be a new intellectual adventure. In your first term you might be learning the structure of logical arguments one day and tracing the development of an idea through a variety of 17th-century philosophers the next. As you advance through your degree, you will be introduced to new schools of thought, discover new interests and enthusiasms and be encouraged to develop as an independent and critical thinker.

You 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), informal meetings and written work, you will improve those skills through discussion, engagement with others and forming and defending your own considered opinions.

Throughout this process we support your learning with oral and written feedback. Every member of staff also has a weekly 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. What is distinctive about our approach is the way in which each stage of the programme plays a carefully defined role in building a set of abilities and skills which will make you a better
philosopher but also stand you in good stead for whatever you do next.

YEAR ABROAD
On our three-plus-one pathway, you can apply to add a year abroad to your course (between the second and third years) for the BA Philosophy and BA Social and Political Sciences with Philosophy. Living and studying abroad gives you the chance to travel to new destinations, experience another culture, develop personal skills and, potentially, learn another language. If you choose this option, you apply for the standard three-year programme and then apply to add a year once you are studying with us.

There is also the opportunity to apply for credit-replacing exchange, which means that participants graduate no later than those admitted in the same year at York.

YORK FUTURES
If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

ASSESSMENT
Your work will be assessed by a mixture of essays and examinations. The exact balance of assessment methods depends on the modules chosen, with most 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 currently requires students to create and present an academic poster. In second year, you will work in groups to produce a podcast on a contemporary philosophical debate.

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 to meet our staff and students, explore the campus, and try a taste of University study.

We also welcome independent visits; where we can, we are happy to meet you, to hear about your interests and discuss the course. We are always pleased to hear from potential applicants by email and will do our best to answer your questions.

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 either General Studies or Critical Thinking is accepted, but not both together. We also accept A levels of ABB and a pass in EPQ, for some of our courses. Please see our website for more details.

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 application does not give you enough space to detail your academic and life experience, you can send further documentation to ug-admissions@york.ac.uk (please quote your UCAS number on all correspondence).

What our graduates do
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.

Recent graduate employment examples include:
- management consultant
- HR graduate trainee
- health service manager
- research associate
- Civil Service fast streamer
- trainee solicitor

and cover a wide range of employers, such as:
- KPMG
- BAE Systems
- Nestlé
- Penguin Random House
- Civil Service
- Teach First
Excellent facilities including the Astrocampus and the York Plasma Institute

All our Physics courses are accredited by the Institute of Physics

Optional Year in Industry or year abroad with partner universities

Holder of a Juno Champion award for our support of gender equality in physics

I love labs – applying the stuff we’ve been learning and doing something hands-on. A lab I’ve really enjoyed this year looked at the behaviour of electrical conductors, semi-conductors and super-conductors. It involved liquid nitrogen to cool various materials, putting currents through them and studying their properties.

Emma (BSc Physics, 2nd year)
STUDYING PHYSICS

Physics is the most fundamental of the sciences. Its discoveries are hugely influential and have wide-ranging impact across many interdisciplinary areas, from technology and medicine to computers and power stations. Physics has designed the world we live in today and is at the forefront of shaping future technologies, pushing boundaries in areas such as quantum computers and nuclear fusion. It is vital in our understanding of how the universe works in both the everyday and the extraordinary, from understanding why the sky is blue and the grass is green to quantum entanglement and black holes. At its core, Physics is a journey of discovery in which topics are explored through teamwork, debate and collaboration across the globe. The efforts of physicists can be found in everyday technologies as well as at the forefront of discovery, driving both business and innovation.

Due to their natural abilities and the techniques developed through university study, Physics graduates are very employable and highly sought after across a broad range of fields. Physics as an academic discipline offers a great deal to its students who, in turn, have a great deal to offer employers.
PHYSICS AT YORK

Our courses are delivered in a world-leading research environment, taught by academics at the cutting edge of their research fields. The Department’s research and teaching excellence is shown in exciting new areas with state-of-the-art facilities. The York JEOL Nanocentre has one of the highest resolution STEM and TEM microscopes in the world. The York Plasma Institute is home to the largest nuclear fusion research group in the UK, and houses the remote tokamak control room enabling participation in tokamak experiments anywhere around the world. Our York Centre for Quantum Technologies is leading research into the future of communications, sensing, imaging and computing, while our Astrocampus houses numerous optical, solar and radio telescopes in a dedicated observatory. Our academics have established strong links with industry leaders, allowing students opportunities to enhance their studies through industry placements and studying abroad.

We promote excellent staff-student rapport within the Department, which ensures an extremely friendly, inclusive and supportive atmosphere for our students. Regular supervision meetings, small group tutorials and our ‘open door’ policy for talking to academic staff enable students to share their insights and develop a deeper understanding of their subject. In the National Student Survey, Physics at York consistently scores well and has averaged 89 per cent overall satisfaction over the last three years. In the most recent Research Excellence Framework assessment, 95 per cent of the Department’s research activity was rated as internationally recognised.

OUR COURSES

Our courses are built around a solid core of knowledge and training in Physics. All students complete a thorough grounding in physics, scientific principles and methods, through a common core set of modules. Our degrees are accredited by the Institute of Physics, and provide the tools and knowledge for students to specialise and tailor their degree as they progress. Flexibility within course structures enables students to study a broad-ranging physics curriculum or align their studies to specific areas of interest such as nuclear or plasma physics, directly influenced and taught by our leading research groups. This allows students to understand how physics interrelates with other subjects and industry.

Our Physics courses are offered as a four-year integrated Masters (MPhys) or three-year Bachelors (BSc) degrees. The MPhys provides the opportunity to develop specific advanced physics skills and is suited for those looking to pursue a research career. The BSc covers a broad-ranging curriculum and provides an excellent pathway into graduate-level careers or postgraduate study. Our range of courses offer the opportunity to pursue specific interests such as theoretical physics or astrophysics, or subject combinations with Philosophy or Mathematics. To enhance your studies, you may also add a placement year, either studying abroad with one of our partner universities or through an industrial placement. For students who do not possess the required Physics and Mathematics background, we offer a Foundation Year for entry onto our main pathways.

Opportunities with industry

The White Rose Industrial Physics Academy (WRIPA) promotes collaboration with key industrial partners and builds on our tradition of growing ties with industry. It provides enterprising opportunities between students and industry, giving practical insight into the problems physics can address. Students have the opportunity to gain hands-on experience of research and development projects within industry through real-world industry-led projects, final year project placements and a Year in Industry placement, all of which can expand opportunities on graduation.

WHAT YOU STUDY

You will gain fundamental knowledge and training through prescribed modules within our Physics core. This common core is taught to all students through the first two years and equips you with the necessary methods and interpretation skills to expand your studies, evaluate problems and interpret solutions. Later stages combine core material options with a project or advanced laboratory option. The project gives opportunities for developing practical, organisational and communication skills, enhancing techniques and approaches needed for future careers.

The final year of the Masters degree extends the BSc degree by providing an opportunity for further engagement with research staff, through in-depth and research-inspired modules and a large-scale individual project. This allows you to develop subject-specific knowledge to suit your own developing interests. Transfer between the BSc and MPhys is possible at the end of the first and second years of study, subject to course achievement and Departmental approval.

Years 1 and 2

In the first year you will explore the fundamental physical and mathematical concepts underpinning your degree, while developing your learning strategies. You will study areas such as electricity and magnetism,
heat and kinetic theory, mechanics, quantum physics and relativity, and mathematical methods. These are presented through a varied lecture series, demonstrating theoretical aspects of subjects, alongside regular tutorials and academic supervision meetings which allow you to apply your new-found knowledge. Essential laboratory modules allow practical application of these physical and mathematical tools via experimental and computational techniques.

Ideas introduced in Year 1 are expanded and explored through Year 2 study, investigating areas Including electromagnetism, quantum mechanics and thermodynamics, atomic, nuclear and particle physics, and physics of the solid state. Laboratory work increases in sophistication, teaching you to plan and execute experiments over extended periods of time, and to critically analyse laboratory techniques and results. In addition, group projects allow you to develop your problem-solving and interpretation skills, working collaboratively to present sophisticated concepts.

Supporting these studies are comprehensive Professional Skills modules which develop the core competencies required of any physicist. These include IT skills, report writing, experimental techniques, problem solving and computer programming. These skills are explored through a mix of activities, including laboratory work, workshops, lectures, programming classes and small group teaching. Professional skills are embedded in our core teaching throughout each year of study and are developed in later years to include careers advice and support as students prepare for graduation.

**Final years**

In the final years, you will have the opportunity to study a range of advanced modules incorporating learning in specialist fields. You will tailor your course by applying core knowledge to your choice of topics, all of which are aligned with our internationally recognised research groups. These include advanced plasma nuclear and computational physics, material physics, the physics of life and further quantum mechanics. You will plan and execute extended investigations under the guidance of an academic project supervisor, professionally presenting your findings to conclude your studies.

For those completing a BSc, a major research project is undertaken during the third year. For MPhys students, a research-level project is undertaken in the fourth year, with further advanced laboratory work and the development of research skills in the third year. You combine advanced option modules, developing a deeper understanding and high-level skills to enhance your final year project work.

Final year projects are an exciting opportunity to take part in and contribute to original research, helping to orient your career aspirations, and potentially leading to publication.

**BSc/MPhys Physics**

Physics studies the fundamental forces of the Universe and the nature of waves, particles, and the structure of matter. You will study systems that are near absolute zero or as hot as the core of a supernova, systems with energies ranging from those important to chemical reactions to the energy scale of nuclear reactions, systems with densities as low as the vacuum of space or as high as nuclear matter and neutron stars. Options to investigate subjects like nanosystems, semiconductors, fusion plasmas, biophysics, quantum computing, and quantum states in nature will develop a deep understanding of complex physics. With access to state-of-the-art equipment, you will be able to perform research activities, analyse complex situations and principles, assess a variety of problems and propose real-world solutions.

**BSc/MPhys Physics with Astrophysics**

Physics with Astrophysics gives you an understanding of the scale and physical processes at work in the Universe. From nuclear reactions that power the sun to the great challenges of cosmology, you gain an appreciation of the greater cosmos, in topics aligned with the Department’s active research. Specialist modules allow you to pursue a broad understanding of modern astrophysics across the electromagnetic spectrum including stars, galaxies and the exotic concepts of dark matter and dark energy.

“You can tell all of the lecturers are incredibly passionate about what they are teaching. Despite having busy schedules with research, there is an open-door policy: if you don’t understand something they will always make time to sit you down and explain it.”

Charles (MPhys Physics with Astrophysics, 3rd year)
To explore the cosmos you will need a solid grounding in many disciplines of physics, from optics to electromagnetism, quantum physics to classical mechanics. You will gain foundational understanding of fundamental physics, scientific principles and methods. You will learn key skills for analysing real-life problems, write scientific reports to industry standards, communicate complex concepts, and solve mind-bending astronomical puzzles.

A flagship facility of the course is the Astrocampus, the Department’s dedicated observatory. You are given autonomous access to telescopes from the first weeks of study and develop key skills in detection methods from optical, solar and radio telescopes.

**BSc/MPhys Theoretical Physics**

Theoretical physicists make many key contributions to physics by using mathematical methods. These tools are complemented by an array of modern computational approaches which permit theoreticians to address complex systems and problems. You will explore modern day theoretical skills and techniques, ranging from traditional mathematical physics methods to the simulation of large, complex physical systems on supercomputers. Through lectures and practical laboratory sessions, you will gain substantial computational skills, with the opportunity to learn parallel programming. The University owns a number of supercomputers (over 700 cores) which are used by students in project work and for parts of specialist computational modules.

**BSc/MPhys Physics with Philosophy**

Physics with Philosophy examines the most fundamental aspects of physics, setting them in the wider context of natural philosophy. You are given a broad perspective of the insights of great thinkers, where the works of Newton and Einstein stand alongside those of Plato and Kant. Roughly one third of the course will be taken from a selection of modules with the Department of Philosophy. Within Physics, you will complete the same physics core as in other courses, providing you with a thorough grounding in fundamental physics and mathematics, while philosophy modules explore the role of physics within human thinking. Tackling fundamental questions about the nature of space, time and matter provides a challenging and rewarding study pathway.

**BSc/MMath Mathematics and Physics**

Mathematics and Physics are natural subjects to combine in a degree. This course incorporates all-round coverage of physics with a greater focus on the study of fundamental mathematics, emphasising the mathematical structure of physical theory. Approximately half the teaching takes place in the Department of Mathematics, offering modules in areas such as dynamical systems, fluid mechanics and nonlinear dynamics, as well as rigorous training in underlying mathematical theory.

**BSc/MPhys Physics with a Foundation Year**

The Foundation Year course offers an opportunity for those who have potential, but who do not possess appropriate qualifications to study Physics. The course is aimed at mature students seeking a change in career or students obtaining A levels who have not studied Physics and/or Mathematics to A level standard. The course syllabus is based on modified versions of A level material in Mathematics and Physics, including practical physics elements in which students learn in well-equipped laboratories. Covering University entry-level content in three terms is a demanding task; limited course numbers allow teaching in small groups with considerable personal support.

We also offer an alternative to the Foundation Year in partnership with the Open University. Students on this course typically spend three years studying a selected set of modules with the Open University. Following successful completion of the prescribed Open University modules, students will enter the second year of their preferred degree programme of Physics, Physics with Astrophysics, or Theoretical Physics at the University of York. After two (or three) years of full-time study at York, students will graduate with a Bachelors (BSc) or Masters (MPhys) degree from the University.

**TEACHING AND LEARNING**

With a wide variety of material included in our varied modules, you will learn from a range of teaching methods including lectures, laboratory work, tutorials, problem classes, seminars and workshops. Formal lectures are supported by small group tutorials in which questions arising from the lectures, practice problems and more general aspects of physics are discussed. In addition, you will meet regularly with your academic supervisor who will offer guidance and support throughout your degree, helping you to develop physics problem-solving skills.

**YEAR IN INDUSTRY**

An industrial placement year allows you to gain valuable knowledge and experience in a commercial setting. It takes place in the penultimate year of study, before you return to York to complete the final year of your BSc or MPhys studies. During an industrial placement,
you are assigned an industrial supervisor, who is an employee of the company, and an academic supervisor from the Department; both will keep in touch and monitor your progress throughout your placement. You can choose to take a Year in Industry when you make your UCAS application, or during your first or second year of study. Students on these programmes are given support to find their own placement; the Department has a large database of contacts and will organise company visits and events to assist in the search, but a placement cannot be guaranteed. The Department also provides significant support and advice throughout the application process. Students who are not successful in obtaining a placement will be transferred to the standard pathway.

STUDY ABROAD
You can apply to combine your study of Physics with the experience of living in another country, through our year abroad placement. The Department currently offers exchanges with a number of international partner universities. All our BSc with a year abroad degrees are four years in duration, with the third year being spent overseas. Similarly, all our MPhys with a year abroad degree programmes are five years in duration, with the fourth year being spent overseas.

The year abroad constitutes an additional year in which a project will be undertaken at the partner university, in addition to related science, cultural and language modules.

Our students then return to complete their studies with us, including a final year research project embedded within one of our research groups.

Additional language tuition is available in preparation for your placement year abroad. Year abroad programmes can be selected through the UCAS system at the time of application.

YORK FUTURES
If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

ASSESSMENT
The final degree is awarded on the basis of performance in formal written examinations and continuous assessment. 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

ADMISSIONS
Applications are welcomed from students with a range of educational backgrounds. Upon completion of a successful academic interview an offer will be determined, taking into account both feedback gathered at interview and information from your UCAS application. Our typical A level offer is grades AAA/AAB including Physics and Mathematics. In certain circumstances AS Mathematics at grade A may be considered instead of A level Mathematics for the BSc programme, with students required to take the additional Maths Plus option in the first year of study.

SCHOLARSHIPS
We offer a £1,000 Physics Academic Excellence Scholarship and Master Class Research Placements in recognition of academic achievement. The scholarship is open to newly enrolled students who achieve an A* in Mathematics or Physics A level or equivalent, and select York as their firm institution through UCAS. It is renewable annually subject to continued success during the degree. The Master Class is a paid placement with one of our research groups. For more information please visit york.ac.uk/physics/undergraduate/scholarships.

What our graduates do

The range of skills acquired during our degree courses equips our graduates with a variety of techniques applicable in many fields of science and engineering. Our Department has the second highest ‘Career after six months’ score in the Guardian’s 2019 university league tables for Physics. Recent graduate employment examples include:

- laser scientist
- metallurgist
- nuclear graduate trainee
- patent attorney
- project manager
- trainee medical physicist

for a wide range of employers, such as:

- Cavendish Nuclear
- EDF Energy
- Jaguar Land Rover
- Qinetiq
- NHS
- PwC
Politics

Our degree courses place you at the heart of current thinking, research and debate

Investigate real-world case studies to understand some of today’s most pressing global challenges

Wide choice of modules in conflict and development, international politics, political theory and public policy

Ranked 7th in the UK*

Eighth in Times Higher Education’s ranking of the 2014 Research Excellence Framework results

Option to add a year abroad or in industry, or shorter international opportunities

Politics with International Relations is taught in a challenging and probing way, where students from across the globe come together with academics to study, collaborate and exchange ideas. It has a broad, pan-European and international appeal.

Itai (BA Politics with International Relations, 2nd year)

*The Guardian University Guide 2019
STUDYING POLITICS

The study of Politics involves looking at the ways in which 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

Our staff are committed to both teaching and research of the highest standard and applying their knowledge to real-world problems. As well as being international experts in their field, they advise governments and international organisations on a wide range of issues and regularly contribute to news and current affairs programmes globally.

We help you develop the skills and confidence to thrive in your career, whether that is in politics, policymaking, research or another field. We encourage you to think critically and independently about the ethical and practical dilemmas of politics and to apply theoretical knowledge to real-world situations.

Whatever your goals and aspirations, we help you prepare for employment from the very start of your degree, teaching transferable skills, offering bespoke career guidance and supporting you to maximise work experience opportunities.
OUR COURSES

All of our programmes offer a wide choice of modules, which are structured around four common themes:

- Comparative politics and public policy
- Political economy and development
- International relations, conflict and security
- Historical and modern political thought.

Choice and flexibility are at the heart of each of our courses; there is a wide range of modules on offer, meaning that you graduate with a degree tailored to your own interests and passions.

You can also choose to study a combined degree programme in the School of Politics, Economics and Philosophy (see page 180); or an interdisciplinary degree programme in the School of Social and Political Sciences (see page 195).

BA Politics

You will learn about the whole spectrum of Politics, spanning the history of classical and modern political thought, British politics, environmental politics, the politics and government of the EU, development politics, human rights, globalisation and financial regulation.

BA International Relations

Delve deep into our changing political landscape to understand the role of emerging nations, and how world events can affect the delicate balance of global power. You will challenge the boundaries of justice and human rights, and investigate a wide range of issues that have global impact and require international co-operation. You will develop specialist knowledge in international politics and the international political economy, conflict, security and post-war reconstruction, global justice, state fragility, ethnic conflict and human security.

BA Politics with International Relations

You will learn about the whole spectrum of Politics, spanning the history of classical and modern political thought, alongside the study of International Relations. You will develop specialist knowledge in international politics and the international political economy, conflict, security and post-war reconstruction, global justice, state fragility, ethnic conflict and human security. You will be placed at the heart of current political thinking, research and debate, learning from some of the world-leading authorities in the academic field of Politics and International Relations.

BA Global Development

Explore theories of global development, sustainability and global justice with tools from across the natural sciences, social sciences and humanities. With support from our Interdisciplinary Global Development Centre, you will look at how a variety of international actors contribute to and seek to resolve worldwide issues such as exploitation, environmental degradation and injustice. By the time you graduate, you will have the leadership skills and creativity to succeed in a range of careers, in the private and public sector, non-governmental organisations, advocacy organisations, journalism and the media, and research and consultancy.

BA English/Politics

This combined degree will enhance your understanding of the world around you in an innovative, thought-provoking way. Studying English asks you to embrace new ways of thinking about the world and new possibilities of expression. Studying Politics invites you to engage with a vast spectrum of political issues and problems. Studying both subjects together asks how literature and politics work to shape the world.

BA History/Politics

Understanding the past is crucial to responding to the political challenges of the future. Our History and Politics degree will help you attain a global understanding of events, institutions and structures.

WHAT YOU STUDY

Year 1

You are introduced to the key concepts, theories and approaches of Politics through four core modules:

- What is Politics?
- Introduction to Democratic Politics
- Introduction to Political Theory
- Introduction to International Politics.

The module entitled What is Politics? provides a broad overview; the other three modules introduce key areas of Politics and International Relations in greater depth. The number and selection of modules depends on the course you are taking.

Year 2

This year covers diverse approaches to particular areas of Politics and International Relations and develops your ability to analyse political texts, systems and processes, and international politics. You take a core compulsory module, according to the pathway you are on, and then you choose from a variety of modules.
Year 3
You specialise according to your own interests by choosing from a range of modules across the breadth of Politics and International Relations. A list of the full range of modules is available online.

You also write a dissertation based on your own research, with one-to-one guidance from a supervisor. The research, analysis and presentation skills that you develop while doing this will be invaluable for your future career or in further study.

TEACHING AND LEARNING
You are taught by academics at the forefront of research across a number of political areas such as conflict and development, international politics, political theory and public policy. Our expertise and experience feed directly into our teaching.

Our courses are taught through a combination of lectures, seminars, workshops and individual one-to-one supervision. We use innovative teaching methods, including web-enhanced tasks, problem-based learning, applied methodology and interdisciplinary teaching.

We offer a personal approach to learning, with much of our teaching conducted in small groups. Your personal supervisor will provide support and guidance throughout your studies, offering weekly feedback and guidance hours in which you can discuss your ideas and check your progress. Our staff are very approachable; our doors are always open if you want to discuss a particular issue.

We offer study skills workshops and special support if you have particular learning needs.

YEAR ABROAD AND YEAR IN INDUSTRY
On our three-plus-one pathway, you can apply to add an additional year to your course (between your second and third years) for BA Politics, BA International Relations, BA Politics with International Relations and BA Global Development. You will spend a year doing a professional placement or studying abroad, before returning to complete your final year in York.

Additional Year in Industry
If you choose to add an additional year to do a professional placement, you can apply now for the programme of your choice with a Year in Industry (see UCAS codes on page 176), or you can add a Year in Industry to your course once you are studying with us.

Adding a year’s professional placement to your course can help you get ahead in the graduate job market by developing your employability and professional skills.

Students on courses with a Year in Industry are responsible for finding their own placement but the Department actively assists in your search and skills development and has established links with industry. Students who are not successful in obtaining a placement will be transferred to the standard course.

Additional year studying abroad
If you choose to study abroad for the additional year, you apply for the standard three-year course and you can apply to add a year once you are studying with us. Living and studying abroad for your additional year gives you the chance to travel to new destinations, experience another culture, develop personal skills and, potentially, learn another language.

YORK FUTURES
If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department see york.ac.uk/study/undergraduate/study-abroad.

The variety of modules on offer attracted me to York. I’ve focused mainly on issues of international development and poverty, and I’ve also studied the 1984 UK miners’ strike. I enjoy seminars, which are always lively, and the tutors are genuinely interested in what you have to say. The Department staff are very friendly and you can’t help but be enthused by their passion for what they do.

Chris (BA Politics, 3rd year)
**ASSESSMENT**

Assessment of Politics modules in the first and second year is by a combination of essays, examinations and presentations. Third year option modules are typically assessed by essays and some may include examinations.

**ADMISSIONS**

The decision to make an offer is usually made on the basis of the information on your UCAS application alone, but we may invite some mature applicants for interview. Offer-holders are invited to our visit day to meet with members of staff and students. It is not necessary for applicants to have studied Politics as an A level or equivalent subject before coming to the University. However, if you are applying for the joint degrees with English or History you need to achieve an A at A level in these subjects respectively. We do not make offers that include General Studies at A level.

We welcome applications from mature students and aim to increase the proportion of mature students admitted each year. We would normally expect mature students to have taken a university Access course or a Foundation degree as part of their preparation for university. Our Admissions Tutor is happy to discuss recommended routes of study for those who have not taken A levels or equivalent qualifications.

Each year we welcome a number of undergraduate overseas students who find a supportive environment in which to study for up to a year as a visiting student, or to undertake an undergraduate degree. Such students are expected to have good English skills (minimum 6.5 with 5.5 in each element) and a strong academic background. See the section for international students on page 30. For more information, visit our website.

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**What our graduates do**

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 and dedicated Placement Officer 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.

Recent graduate employment examples include:

- parliamentary assistant
- public affairs graduate
- policy and research officer
- management consultant
- HR adviser
- graduate business consultant

and cover a wide range of employers, such as:

- local councils
- Parliament
- BBC
- Bank of England
- Civil Service
- PwC
School of Politics, Economics and Philosophy

Our courses give you the flexibility to choose outstanding interdisciplinary modules from three excellent departments

Diverse range of modules lets you tailor your degree to your interests

Vibrant student community and lifelong membership of the Club of PEP

7th in the UK for Politics*, 12th in the UK for Economics*, 13th in the UK for Philosophy**

Write for our student-run journal, VOX

I chose York because of the unique way the PEP course is provided. York’s reputation in all three disciplines and its interdisciplinary approach appealed to me. Our work allows us to be creative and try innovative approaches – your research can genuinely contribute to the field.

Laurie (BA Philosophy, Politics and Economics, 2nd year)

*Guardian University Guide 2019
**Complete University Guide 2019
Politics, Economics and Philosophy are closely linked. They explore fundamental questions about power, society, meaning and reality. Studied together, they give you a broad range of intellectual tools with which to understand the world in all its complexity and diversity.

Step outside the usual boundaries of each discipline to solve problems creatively. Learn to think rigorously and systematically about some of the most important challenges facing governments, societies and individuals.

STUDYING PEP
Politics, Economics and Philosophy are closely linked. They explore fundamental questions about power, society, meaning and reality. Studied together, they give you a broad range of intellectual tools with which to understand the world in all its complexity and diversity.

Step outside the usual boundaries of each discipline to solve problems creatively. Learn to think rigorously and systematically about some of the most important challenges facing governments, societies and individuals.

PEP AT YORK
The School of Politics, Economics and Philosophy (PEP) co-ordinates degrees taught in collaboration by the Departments of Politics, Economics and Philosophy. These courses combine rigorous training in each subject with interdisciplinary modules so you can explore connections and relationships between them. Choosing module options each year lets you tailor your degree to your interests.

Our degrees ask some of the fundamental questions: By what right do our rulers govern? Can great wealth ever be ethical? What makes a society good? What is freedom, without the power to act? You will work with expert academics to tackle them, and take the debate beyond the classroom with the Club of PEP, our active student society.

With our diverse and international student body and opportunities to study abroad you can develop a truly global perspective. Employers value the skills you will gain from thinking across boundaries and borders. Build your understanding of political, economic and philosophical debates past and present, and prepare to shape the future.
OUR COURSES
The School of PEP offers four degree courses consisting of 360 credits taken over three years:
- Philosophy, Politics and Economics (PPE)
- Economics and Philosophy
- Economics and Politics
- Philosophy and Politics.

WHAT YOU STUDY
Each course is made up of core modules in relevant subjects, giving you a strong foundation on which to build your knowledge. Option modules give you the freedom to weight your degree towards a particular topic or give yourself a broad overview of many different areas.

BA Philosophy, Politics and Economics (PPE)
Our Philosophy, Politics and Economics degree covers all three subjects, with options to focus your studies as you progress through the course. You will benefit from a solid grounding in core topics, with a range of interdisciplinary modules available across all three years.

In your first year, you will choose modules which introduce central ideas of economics, politics and philosophy. If you have at least a B in A level Mathematics or equivalent, you can choose to take the econometrics route through this degree, which puts a greater emphasis on economics throughout the course. Econometrics is often essential if you want to go on to an MSc in Economics.

Your second year has a wide range of options to choose from. Modules currently include War and Peace; Politics in the United Kingdom; History of Political Thought; History of Ethics; Philosophy of Mind; Spinoza and Leibniz; Philosophy of Time; Microeconomics and Macroeconomics.

The third year offers you the greatest flexibility. You can take up to half of your modules in a single subject. Choose from modules such as: International Economics; Bubbles, Panics and Crashes; Language and Mind; The Value and Meaning of Life; Terrorism and Counterterrorism; Gender and Political Theory; Ethics and Public Policy; Rationality, Morality and Economics. You can also choose to write a dissertation – an extended essay based on your own research.

BA Economics and Philosophy
Build an understanding of the connections between philosophy and finance, ethics and economics, morality and market forces. This degree offers a balance of modules from Economics and Philosophy with options to focus on the topics which interest you.

Introductory modules in Year 1 give you the mathematical and statistical skills to study economics to a high level. You will study the methods of thinking and writing that underpin philosophy and study key figures and works.

Year 2 consists of three core modules in economics which examine microeconomics, macroeconomics and econometrics. In philosophy you will have a wide range of options to choose from, covering everything from logic to Leibniz.

Rationality, Morality and Economics, a core interdisciplinary module in your third year, unites the disciplines. You will then pick further modules in both philosophy and economics. You also have the option to research and write an interdisciplinary dissertation.

BA Economics and Politics
Studying Economics and Politics lets you debate the principles that govern a prosperous society. By taking these subjects together you will gain a broader appreciation for the intersections of wealth and power, poverty and political unrest.

Core economics modules in Year 1 lay the groundwork for advanced study of the discipline. You will also choose two politics modules, from options covering topics such as democratic politics, international politics and political theory.

In Year 2 you will take three core modules which examine microeconomics, macroeconomics and econometrics. You will choose one politics module on

“
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.

Haydn (BA Philosophy, Politics and Economics, 3rd year)
political theory, and a second on either international politics or the state and political institutions.

In Year 3 you will take an interdisciplinary module, The Democratic Economy, which brings together both subjects. You will then pick further modules in both politics and economics. You also have the option to research and write an interdisciplinary dissertation.

**BA Philosophy and Politics**

With Philosophy and Politics you will explore the ideas that underpin governments and the clash of convictions that drives political unrest.

In your first year, Philosophy offers introductory modules on ethics, knowledge and perception, reason and argument, and ancient and early modern philosophy. Politics has a choice of modules covering topics such as international politics, democratic politics and political theory.

The second year is made up of a range of option modules, allowing you to weight your learning towards either politics or philosophy, or maintain an even split. Options range from Applied Ethics to US National Security.

In the third year, Ethics and Public Policy links politics and philosophy in a single core module. You will choose further modules from options in both subjects, including the chance to research and write an extended dissertation.

**TEACHING AND LEARNING**

Most modules are based around weekly lectures, alongside seminars with between ten and 16 students, where you will discuss your own work under the guidance of a tutor. We pride ourselves on the friendliness of our staff and on the support that we provide for our students. Lecturers, seminar tutors and your academic supervisor will all help you to get the most out of the programme.

**YORK FUTURES**

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for options available in the School, see york.ac.uk/study/undergraduate/study-abroad.

**ASSESSMENT**

You will be assessed using a variety of methods including unseen examination papers and long essays. Assessments occur in each of the three years of study. You will be given prompt feedback so that you can better understand your strengths and identify areas to work on.

**ADMISSIONS**

We welcome applications from candidates with backgrounds in any set of disciplines; it is not necessary for you to have studied Economics, Philosophy or Politics. We do not normally accept General Studies.

We require A level Mathematics or equivalent for BA Economics and Philosophy, and BA Economics and Politics. We do not require Mathematics for BA Philosophy and Politics.

For BA Philosophy, Politics and Economics, we recommend A level Mathematics, but only require GCSE Mathematics at grade 7/A or higher. However, if you wish to take the econometrics route through this degree, you will need A level Mathematics or equivalent at grade B or above. For all economics modules, it is particularly useful to have learned the basics of differentiation before starting your course.

We usually make offers based on the strength of your UCAS application alone. If we make you an offer you will have the chance to attend a Visit Day to meet our staff and students and find out more about your course.

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**What our graduates do**

School of PEP degrees are a passport into a wide range of careers. Some graduates apply their specialist skills and knowledge directly as economists, statisticians or politicians. But PEP degrees are not primarily vocational. They develop the clarity of thought and analytical skills needed to understand the complexities of social and economic life – much sought after by employers.

Our students have found employment in central and local government, business and non-governmental organisations. 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.

Recent graduate employment examples include:

- Civil Service fast streamer
- assistant economist
- analyst
- HR manager
- policy researcher
- editor
- Grant Thornton
- IBM
- New Statesman
- Deloitte
- EY
- Civil Service
- Economist
- Accountant
- Journalist
- Film Editor
- Publisher
- Policy Researcher
- HR Manager
- Editor
- Grant Thornton
- IBM
- New Statesman

and cover a wide range of employers, such as:
Psychology

Discover the science of mind, brain and behaviour in our purpose-built Department with superb teaching and research facilities

Scored 90% for student satisfaction*

Top 100 globally and eighth in the UK for psychology**

Research-led teaching by world-renowned academics

95.9% of our Psychology graduates were employed or in further study six months after graduation***

Accredited by the British Psychological Society, leading to professional psychologist training

I chose Psychology at York because the course looked so varied - and it is! The course covers a huge variety of topics, and I have really enjoyed discovering areas of psychology that both challenge and inspire me.

Joy (BSc Psychology, 3rd year)

*National Student Survey 2018
**Times Higher Education World University Rankings by Subject 2019
***Destination of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)
STUDYING PSYCHOLOGY

Psychology is a very broad subject, covering areas of interest from the wiring of the brain to interpersonal communication; from sensory perception to social disorders and effects of brain injury. What unifies these areas at York is a commitment to psychology as a rigorous experimental science.

PSYCHOLOGY AT YORK

York’s Department of Psychology is in the top 100 globally and third in the UK for Psychology in the Times Higher Education World University Rankings 2018. It was also ranked fourth for overall performance and second for the quality of its research papers in the Times Higher Education’s ranking of the Research Excellence Framework (REF) 2014.

We have modern purpose-built accommodation that includes a large computer-based laboratory, a large lecture theatre, several seminar rooms and multiple test cubicles. This allows us to deliver all our teaching in our own building.

Our undergraduates have access to first-class research facilities. These include the Sleep Lab, the Face Perception Lab and Neuropsychology Lab, as well as facilities for measuring eye movements and other aspects of perceptual and cognitive function. The Department’s Neuroimaging Centre (YNiC) houses two 3-Tesla MRI scanners for state-of-the-art fMRI research, a magnetoencephalography (MEG) system that allows brain signals to be captured on the millisecond scale, and transcranial magnetic stimulation (TMS) for probing the causal role of specific brain areas in perception and behaviour.

Many of our students aspire to careers in Clinical Psychology because they want to improve the wellbeing of adults and children who have mental, emotional or behavioural disorders. There are two routes into Clinical Psychology in the UK after graduating from York. One is an exceptional fast-track route which we offer in partnership with the University of Hull. The other is a conventional route. Our graduates have developed successful careers in Clinical Psychology through both routes.
OUR COURSES
We offer a three-year BSc degree course and a four-year MSci degree course. We do not offer combined degrees. Our aim is to cover psychology as an experimental science. Both the BSc and the MSci courses 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 courses is to give you an understanding of the substance of psychology, with emphasis on the empirical study of mind, brain and behaviour. We encourage you to develop a range of skills based on an understanding of scientific psychology, including hypothesis testing, data analysis, and the critical evaluation of empirical findings. More general skills in problem solving and effective communication facilitate access to a broad range of educational and employment opportunities.

WHAT YOU STUDY
The BSc and MSci courses will make similar intellectual demands on you. The MSci is more research-intensive and caters to a wide range of professional interests. The first two years are common to the two courses. They consist of five strands.

- **Brain and Behaviour** examines the structure and function of the brain as it affects behaviour. It focuses on the latest neuroimaging techniques, studies of brain injury and how they can explain the brain processes that underpin behaviour and cognition.

- **Perception and Cognition** investigates how our senses gather and interpret information from the world. Cognitive psychology concerns the underlying nature of human intellectual abilities such as attention, thinking and memory.

- **Development and Language** focuses on how infants and children learn to perceive and interpret objects, how they acquire language and learn to reason. It also explores abnormalities of development and consequences of deprivation.

- **Social, Personality and Abnormal Psychology** covers core themes of the social human being, including: verbal and non-verbal communication, attitudes, groups and inter-group relations. Personality focuses on the nature and origin of individual differences. The clinical aspect examines the causes of mental illness and their interpretation as a breakdown of normal mental and physiological processes.

- **Research Methods in Psychology** provides foundational training in experimental design, methodology and data analysis. Practical classes connect Research Methods to the other strands and give hands-on experience of psychological science.

“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.”

Amy (BSc Psychology, 2nd year)
In the third year of the BSc and MSci course you will complete a number of advanced modules, a literature survey and a research project (this is completed in the fourth year of the MSci). The advanced modules change from year to year but recent modules include:

- Introduction to Forensic Psychology
- Clinical Psychology and applications of Cognitive Behavioural Therapy
- Preference and choice: The role of perception, action and memory
- The cognitive Psychology of sleep
- Cognitive neuroscience of attention
- Cyberpsychology
- Psychology of will.

The literature survey in your third year involves 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 effect of birth order on personality development.

The research project is the single most important component of both the BSc and the MSci degrees. It 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, including:

- Mobile phone addiction
- Canine comprehension of human speech
- Brain activity in video game players
- Mind-mindedness and parenting stress of children with developmental delays.

Each year several of the best undergraduate projects are published in mainstream scientific journals.

MSci PATHWAYS

The MSci differs from the BSc as you can specialise within this degree. There are five specialised pathways:

- Clinical Psychology
- Forensic Psychology
- Developmental Disorders
- Neuroscience and Neuroimaging
- Experimental, Cognitive and Social Psychology.

Within each pathway, you will complete core courses on the specialism alongside other advanced modules and training in transferable skills. In the fourth year of the MSci you will complete an extended research project and in some of the pathways there will be placement opportunities in external organisations such as the NHS.

ASSESSMENT

Assessments build from core knowledge in the first year to specialised knowledge in the final year. In Year 1, coursework essays and practical reports provide valuable feedback, but marks from assessments do not contribute to the final degree class. In Year 2, coursework and examinations both contribute to the final degree mark. In Year 3 (and Year 4, for the MSci) assessments of the advanced modules, literature survey and research project all contribute to the final degree mark.

ADMISSIONS

Both our BSc and MSci 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 accepted. You are normally expected to possess at least 5/B in GCSE or equivalent in Mathematics or Statistics. Mature students or candidates with unusual qualifications should not feel inhibited about applying: your application will receive full consideration.

A decision about whether an application merits the offer of a place is taken primarily on the basis of the information given on your UCAS application. Applicants are not interviewed. If you are offered a place you will be invited to a Visit Day to see the Department, meet staff and students, and look around the University.
The combination of scientific and communication skills our graduates gain during their course ensures that they 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.

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 the US. 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. A total of 95.9 per cent of our Psychology graduates were employed or in further study six months after graduation.*

Recent graduate employment examples include:
- trainee clinical psychologist
- marketing executive
- child and adolescent mental health worker
- statistical officer
- HR officer
- teacher

and cover a wide range of employers, such as:
- Neuropartners
- Teach First
- NHS
- Ministry of Justice
- Cochrane (healthcare research)
- Deloitte

*Destinations of Leavers from Higher Education survey 2016/17 (HESA) (full-time UK students)
Social Policy and Social Work

Our courses analyse the most pressing social issues of the contemporary world and explore how to use social scientific knowledge to tackle social injustice.

Tenth in the UK for Social Policy*
Ranked 20th in the world**
Teaching by world-leading academics
Wide range of modules and varied degree courses
Opportunities for work placements

Applied Social Science is such a relevant and interesting course and makes you think about society in new ways. Being part of a department that is renowned for the quality of research it produces is fantastic; if you’re interested in going into a career in this field, York is definitely the place to be!

Katherine (BA Applied Social Science, 2nd year)

*Complete University Guide 2019
**QS World University Rankings by Subject 2018
SOCIAL POLICY AND SOCIAL WORK COURSES

UCAS

BA (Hons) Social Policy L430
BA (Hons) Social Policy, Crime and Criminal Justice L433
BA (Hons) Applied Social Science L431
MSocW (Hons) Social Work (4 year) L507
BA (Hons) Criminology L611

Courses in the School of Social and Political Sciences: see page 195

BA (Hons) Social and Political Sciences LL32
BA (Hons) Social and Political Sciences with Philosophy LL2V

Courses are three years unless stated otherwise.

Once you start your course, you can access opportunities to travel and study through the Centre for Global Programmes: see page 28.

You can also pursue a placement year as part of your degree: see page 20 (Not applicable to Social Work courses).

STUDYING SOCIAL POLICY, APPLIED SOCIAL SCIENCE OR SOCIAL WORK

Are you interested in studying current social problems and finding solutions to them? Do you want to make a difference and have a positive impact on people’s lives? Then one of our degrees could be just what you are looking for.

Students of Social Policy and Applied Social Science focus on understanding the impact social problems can have on people’s wellbeing and on wider society. You will draw on ideas from across the social sciences 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.

SOCIAL POLICY, APPLIED SOCIAL SCIENCE AND SOCIAL WORK AT YORK

The University of York has a strong reputation for its work in applied social science, social policy and social work.

You will gain insights from lecturers whose research is cutting edge, with the majority of our staff having been assessed as either ‘world-leading’ or ‘internationally excellent’ in the latest Research Excellence Framework assessment. Through their work our staff are engaged in trying to improve people’s lives by directly advising governments and other policy sectors on policy matters.

We offer a high quality teaching environment that allows for frequent interaction between students and lecturers. The vast majority of teaching takes place in small group settings.
OUR COURSES

Our degree courses are arranged into three distinct streams – Social Policy, Social Science and Social Work – reflecting different interests and career pathways.

We offer three programmes in Social Policy:

- Social Policy
- Social Policy, Crime and Criminal Justice.

These address major social and political debates, from an applied perspective. It is about what is achievable in the real world and how policy interacts with people. If you want to develop an in-depth understanding of key debates and explore how problems might be addressed through different policies, this is the right degree for you.

Applied Social Science enables you to investigate contemporary social issues and understand how social science knowledge influences the world. You can look at social problems from a breadth of perspectives.

Social Work is for students who want to tackle social problems and help people at an individual level. You will study a specific programme leading to a professional qualification in social work. The programme has a strong focus on practice and learning from practice, and is delivered by the University in partnership with a number of agencies in the region.

We are also involved in the delivery of programmes that bring together expertise from different parts of the University, in BA Criminology and in two interdisciplinary courses in Social and Political Sciences, delivered in collaboration with the Departments of Politics and Sociology (see page 195).

Our courses help you to develop your skills in critical thinking, communication, data analysis, research methods, and many others. Our graduates are well placed to pursue a career in fields such as the public and voluntary sectors, law, NGOs and charities.

WHAT YOU STUDY

BA Social Policy

In this degree you will debate how governments tackle social inequalities, social division and social problems and where they should deal with injustices or address unmet social needs. You will learn to analyse and critique the way society works.

You will 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.

BA Social Policy, Crime and Criminal Justice

You will learn about crime 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.

BA Applied Social Science

In this degree 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. It will give you a firm grounding in key theoretical concepts found in all the core social sciences. From the second year you will choose from a selection of modules which allow you to tailor your degree to your own growing interests.

York’s Social Policy course appealed to me because of the wide range of module options and the opportunity to undertake a third year placement. The interactive style of learning is really engaging. One role play involved designing, pitching and selecting policies to help us understand how the policy process works in action.

Sophie (BA Social Policy, 3rd year)
MSocW Social Work

Our degree in Social Work is a four-year course with an integrated Masters year, which entitles you to register as a social worker.

Through a carefully tailored programme of coursework and placements you will gain the knowledge and skills required to lead in the development of a rapidly changing and fast-paced profession. The course’s integration of research, theory and practice means you will be a critically reflective social worker, able to make informed judgements based on sound analysis and in unpredictable circumstances.

Three placements, including two which provide statutory social work experience, will cultivate a wide range of essential skills and ensure that you are prepared for the realities of social work in different sectors.

You will develop the professional skills and knowledge you need to work with people in challenging situations. Service users and carers contribute directly to our teaching, giving you an unparalleled insight into the complexities of social work. You will learn to face complex and difficult human situations with confidence, creativity, compassion and integrity. You will learn to work alongside people and to incorporate principles of social justice into your everyday practice.

In your first year you will study four core modules which introduce fundamental social and sociological theory. In Year 2 you will develop essential skills for social work, and refine them on placement with a voluntary organisation or independent social care agency. In Years 3 and 4 you undertake longer placements in social work agencies, supported by professional skills training. You also work on an extended independent research project.

BA Criminology

You will study a distinctive programme focusing on the social, economic and cultural aspects of crime and justice. After a core introduction to the subject, you have flexibility to tailor your degree to specialist interests in this field. In Year 1, you are introduced to social, political and policy-based approaches to crime and criminal justice. In the second year you develop an understanding of how social, cultural and policy changes shape criminal activities. In your final 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. The Criminology degree is a cross-disciplinary course delivered in collaboration with the Department of Sociology. For more information, see the entry for Sociology on page 199.

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 the Department’s specialist areas. An appreciation of the relationship between national and international agendas, particularly explored in our Social Policy and Applied Social Science degree programmes, will enrich your knowledge of the subject and your understanding of how theory relates to real-world situations.

TEACHING AND LEARNING

For students undertaking the Social Policy and Applied Social Sciences 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 work in small groups to create presentations and poster displays, discussions, online debate and role-play exercises. Occasionally, optional field trips are offered on some modules. In the final year you will receive one-to-one teaching support for your dissertations. In the third year you can undertake a placement in a workplace, for which you are supported with a range of workshops; you will receive support while there. You can choose the area you 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. You will be supervised while on placement by a practitioner with the knowledge and skills relevant to your practice setting.

We offer a stimulating teaching and research environment in an open, informal and friendly setting and are strongly committed to supporting our students throughout their degrees, particularly through the system of individualised personal supervision. All our staff offer regular drop-in sessions where students are welcome to visit for additional support, guidance and information. Our departmental careers adviser is also available via appointments or email.

YEAR ABROAD

BA Criminology students can apply to add a year abroad to their course through our three-plus-one pathway. Living and studying abroad gives you the chance to travel to new destinations, experience another culture, develop personal skills and potentially learn another language. If you choose this option, you apply for the standard three-year programme then apply to add a year once you are studying with us.

YORK FUTURES

We also offer degree-enhancing international opportunities to all our students who would like to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

PLACEMENT OPPORTUNITIES

A feature of all programmes taught solely within the Department is that they offer placement opportunities. 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.

For Social Work students, we are part of the Yorkshire Urban and Rural Teaching Partnership which enables us to provide high quality social work education. We aim to offer all Social Work students two contrasting statutory placement opportunities, within the City of York Council and North Yorkshire County Council.

ASSESSMENT

You will be continually assessed through coursework assignments (essays, presentations, portfolios, reports) and by some examinations.

For Social Work students, 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.

When I visited York it just clicked. The course structure, variety of modules and emphasis on group work all appealed to me. I’ve enjoyed learning about legislation and guidelines that will govern our role as social workers. The departmental staff have been very knowledgeable and helpful. Their experience is vast, so I feel in very capable hands.

Phil (BA Social Work, 1st year)
All of our students are encouraged to reflect upon their own personal development. They liaise with their personal supervisor to identify existing skills and address any gaps.

Graduates of Social Policy will have specialist knowledge of the policymaking process as well as a range of critical analysis, evaluation and research skills. These degrees 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 chosen to follow postgraduate study options.

Graduates of the Crime and Criminal Justice course will have opportunities to work in services related to the Police Force, 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.

The Applied Social Science degree also equips students with the skills necessary to pursue careers in public service professions.

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.
School of Social and Political Sciences

Our distinctive interdisciplinary courses enable you to select from a wide range of modules provided by three outstanding departments

All contributing departments highly rated for research*

Small group seminars and teaching by leading academics

Flexible courses offering a wide range of modules across contributing departments

Dynamic student-led SPS Society

High degree of flexibility and choice tailored to suit individual needs

York is one of the few universities offering a course which combines Social Policy, Sociology and Politics, which can be customised by a range of module choices. It’s taught by academic experts who have hands-on experience of working in policy.

Richard (BA Social and Political Sciences, 2nd year)

*Research Excellence Framework 2014
STUDYING SOCIAL AND POLITICAL SCIENCES

Tackling issues such as globalisation, poverty, power and policy making, climate change, conflict, migration, peace, protest, development, identity human rights and human needs, this programme invites students to confront the complexities of the contemporary world with all the analytic tools of the social and political sciences. By enabling students to study an integrated combination of Politics, Sociology and Social Policy (with the added option of Philosophy), the BA in Social and Political Sciences offers a rare 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 who have a desire to contribute to their resolution.

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 programmes in Social and Political Sciences, and Social and Political Sciences with Philosophy, and to bring together academics in related fields of research across the contributing departments. Interdisciplinary research in the School focuses on areas including:

- Austerity, crisis and the welfare state
- Conflict and security
- Crime and policing
- Cultural identity
- Ethics and society
- Global justice
- Human rights
- International cooperation and development
- Political economy of the welfare state
- Poverty and inequality
- Social inequalities
- Sexuality and gender
- Migration
- Race and ethnicity
- Social justice
- Social and political theory

Students studying Social and Political Sciences at the University of York also benefit from being part of an active and engaged School community. The School provides individual student support and study support activities, in addition to organising social events and talks by prestigious guest speakers.
OUR COURSES
At York we offer a three-year degree in Social and Political Sciences or in Social and Political Sciences with Philosophy. We also offer four-year degrees which incorporate a year abroad between the second and final years. You have the option to apply to transfer onto one of our four-year degrees at the end of the second year (limited number of places available).

Whichever programme you choose, the defining characteristic of the Social and Political Sciences programme is its interdisciplinary nature. After developing a strong grounding in the three disciplines (four if you are studying Philosophy), you will take more specialised modules in your second and third years. You can focus your studies on a closely related set of modules or opt for a more varied group of topics.

WHAT YOU STUDY
BA Social and Political Sciences

Year 1
The first year programme is aimed at providing you with a strong foundation in the study of Sociology, Politics and Social Policy. You will take a year-long introductory module in each of the three departments:
- What is Politics?
- Introduction to Sociological Theory
- Introducing Social Policy.

You 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
- Introducing Social Psychology
- Sociology of Crime and Deviance
- Introduction to Political Theory
- Introduction to Democratic Politics
- Introduction to International Politics
- Introducing Criminal Justice
- Exploring Social Policy and Society.

Year 2
In your second year, you will study one core module and have the flexibility to choose option modules from across the three departments. You will take Social Research Methods and choose from three options from the host departments. You can also take an approved module from another department or interdisciplinary centre. Your core module. Social Research Methods, will develop your understanding of the philosophical and theoretical underpinnings of social and political research, while allowing you to gain hands-on experience of both qualitative and quantitative methods.

Year 3
In your final year you will complete a dissertation based on independent research and study your choice of four option modules.

The broad range of option modules available allows you to specialise in more academic or applied social sciences modules, or combine them in packages focused around themes of interest to more than one discipline, such as social media and contemporary culture; health; poverty and welfare; human rights and development; and identities, diversity and equality.

BA Social and Political Sciences with Philosophy
On this course, you can also choose from a range of Philosophy modules in each year of your degree. The course offers the same flexibility as the Social and Political Sciences programme.

I’m interested in policies, international relations, sociology and politics, and SPS at York offers all these. Staff ensure 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. 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)
You start by studying core Political and Social Science disciplines and a choice of Philosophy modules to develop your philosophical skills. You can then go on to choose from a wide range of modules offered across Politics, Sociology and Social Policy alongside your continuing study of Philosophy. Topics might include:

- War and Peace
- Global Justice
- Moral Philosophy
- Cultural Identity

**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.

**YEAR ABROAD**

On our three-plus-one pathway, you can apply to add a year abroad to your course (between your second and third year). Living and studying abroad gives you the chance to travel to new destinations, experience another culture, develop personal skills, and potentially, learn another language.

If you choose this option, you will apply for the standard three-year programme and then apply to add a year once you are studying with us.

There is also the opportunity to apply for credit-replace exchange, which means that participants graduate no later than those admitted in the same year at York.

**YORK FUTURES**

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20). We also offer degree-enhancing international opportunities to all our students who would like to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

**ASSESSMENT**

Your modules will be assessed through a mixture of critical summaries, essays, examinations, presentations and online exercises. Your first year will provide an assessment of the skills and understanding necessary to complete the degree successfully. During your second and final years, assessment continues to provide you with the essential and timely feedback on your performances required for intellectual development.

**ADMISSIONS**

The decision to make an offer is usually reliant on the UCAS application 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.

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**What our graduates do**

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.

Recent graduate employment examples for the School include:

- broker
- campaigns officer
- communications coordinator
- parliamentary assistant
- policy analyst
- policy and research officer
- public relations executive

and cover a wide range of employers, such as:

- Civil Service
- Goldman Sachs
- Joseph Rowntree Foundation
- Macmillan Cancer Support
- NHS
Sociology

Our Department is innovative, critical and relevant. You will develop a solid grounding in the subject, while learning about the latest developments in the discipline.

Eighth in the UK for Criminology*

Ranked in the top 20 in the UK for Sociology**

First for overall research performance***

Taught by world-leading academics who are defining the future of the discipline

Study abroad opportunities available with partner universities

The course appealed to me because of the range of different topics covered and the excellent reputation of the Department. The staff are never too busy to help and are all experts in their fields. It’s been great tailoring my choices to what really interests me, with the variety of different modules increasing in the second and third years as you become more specialised.

Nick (BA Sociology with Criminology, 3rd year)

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*Times Good University Guide 2019

**Times Good University Guide 2019, Complete University Guide 2019

***Times Higher Education’s ranking of the Research Excellence Framework 2014
STUDYING SOCIOLOGY

Sociology is a far-reaching discipline, characterised by extraordinary creativity, innovation and enterprise. It examines how our actions are shaped by groups, social structures, historical processes and cultural change. Sociological research is diverse and relevant to the contemporary world.

Sociologists study how globalisation is changing the ways we communicate with each other, and how social media shapes our lives. Sociology examines how modern cities are changing, and how we use language in social interaction. It examines how our sense of identity is shaped by interactions with others in everyday life.

As a student at York, you will be introduced to research that has contemporary relevance to society.

SOCIOLOGY AT YORK

Our courses draw on cutting-edge research carried out by our academic staff, in areas such as mass media, sexuality, culture and cultural change, healthcare, race and ethnicity, gender, crime and deviance, and the relationship between the individual and society.

At York, we examine these important issues through a variety of innovative techniques.
OUR COURSES

We offer the chance to study Sociology as a single subject, or in combination with Criminology, Social Psychology, Education or Philosophy. Whichever path you choose, you will gain a solid grounding in the sociology of social media, popular culture, science and technology, alongside the traditional areas of class, gender, sexuality, race and ethnicity.

You can also study Criminology as a single subject. Our combined degrees, BA Sociology with Criminology and BA Sociology with Social Psychology, are two thirds Sociology and one third your chosen specialism. BA Sociology/ Education and BA Philosophy/Sociology are joint honours courses which means they are a 50/50 split.

We are also involved in the delivery of a stimulating and flexible degree in Social and Political Sciences, in collaboration with the Department of Politics and the Department of Social Policy and Social Work. For more information, see page 195.

WHAT YOU STUDY

BA Sociology

Studying Sociology at York will enable you to understand the complex mix of continuity and change that marks the experience of people living in contemporary societies. Exploring the influence of social structures, values and beliefs, you will gain insight into issues such as social inequality, gender relations, and the social basis of identity. You will explore how history and culture intersect to shape the beliefs and actions of individuals and groups. You will be contributing to a department that is leading the way in developing the key sociological ideas of the future.

Year 1

Across four core compulsory modules you are introduced to key sociology theories – both old and new – as well as crucial sociological issues such as identity, inequality, gender and sexuality. You will also explore the sociology of crime and deviance, and social psychology. You will gain the tools needed to develop your own sociological imagination, as well as the critical skills needed for university-level study, such as essay writing, presentation skills, literature searching, reviewing and critical thinking.

Year 2

You will study one core module, Social Research Methods, and choose three others, allowing you to tailor your course to your own interests and passions.

Year 3

You will pursue your own specialist interests through your Sociology dissertation, which allows you to develop your own research project. You also select four advanced modules.

BA Criminology

This course, delivered in collaboration with the Department of Social Policy and Social Work, examines some of the most pressing criminological issues facing individuals, communities and policymakers globally. Studying Criminology will allow you to develop your understanding of criminal behaviour, the impacts of crime on victims, how crime is governed in contemporary societies and the social and cultural meanings of crime.

You explore the theoretical links between crime and capitalism; the influence of class, race, ethnicity, gender and sexuality in criminal justice; how crime is reported and represented in the media; and how the urban environment shapes criminality and is used to control deviant behaviour. You also develop the problem-solving skills needed to become an independent thinker capable of developing your own criminological research topic.

You can tailor the course to suit your own interests and look forward to career prospects in criminal justice, social welfare and government agencies.

Year 1

You are introduced to the core aspects of the sociology of crime, criminal justice policy and the foundations of sociological thought that have shaped the development of Criminology.

Year 2

You learn how social and cultural change is reflected in governmental responses to crime and disorder, contribute to contemporary debates concerning the criminal justice system, develop social research skills and choose an area of interest from a range of options.

Year 3

You pursue your specialist interests through your dissertation. This is an important part of your course and allows you to develop your own research topic. You will take a core module in Theoretical Criminology and also select three advanced modules from a range of options.
BA Sociology with Criminology
This course offers the scope of a Sociology degree plus the exciting opportunity to improve expertise in Criminology. You study all the core Sociology modules and a core Criminology module in the second and third years. You also choose from the full range of Sociology modules in the second and third years.

Year 1
The same as BA Sociology

Year 2
Social Research Methods, Crime, Culture and Social Change, plus two optional modules

Year 3
Dissertation, Theoretical Criminology, plus three optional modules

BA Sociology with Social Psychology
This course offers a distinctive approach to the study of human relationships, both in ordinary relations between family and friends and in institutional settings. You will explore social and critical approaches to social interaction, language and identity. You study attitudes, prejudice, emotions, mental illness, body language and persuasion, develop an understanding of how these are used by people and organisations, and have hands-on experience of working with social psychological data. Please note the course does not focus on cognitive science or laboratory work and is therefore not accredited by the British Psychological Society.

Year 1
The same as BA Sociology

Year 2
Social Research Methods, Creative and Critical Approaches to Social Psychology, plus two optional modules

Year 3
Dissertation, Contemporary Research in Social Psychology, plus three optional modules

BA Sociology/Education (Equal)
In your first year, you study four core modules: Cultivating a Sociological Imagination, Introduction to Sociological Theory, Introduction to Disciplines of Education, and Introduction to Key Concepts of Education. In the second year, you study Social Research Methods and Education, Policy and Society: Past and Present, plus two optional modules. In your final year, you write a dissertation on the sociology of education and choose four option modules (see Department web pages for details). For further information see the entry for Education on page 92.

BA Philosophy/Sociology (Equal)
The first year modules are Cultivating a Sociological Imagination, Introduction to Sociological Theory, and core modules in Philosophy. For details of second and third year module choices and the optional Sociology dissertation, see Department web pages. See also the entry for Philosophy on page 164.

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.

At York every Sociology student has the opportunity to study abroad as part of their course. I chose to travel to Cape Town to see how society was adjusting to democracy 20 years after Apartheid.

Amy (BA Sociology, 3rd year)
YEARS ABROAD

BA Sociology and BA Criminology have a one-year study abroad option. On our three-plus-one pathway, you can apply to add an extra year to your course between Years 2 and 3, and return to complete your final year in York. Living and studying abroad gives you the chance to travel to new destinations, experience another culture, develop personal skills and, potentially, learn another language. If you choose this option, you will apply for the three-year course and will then apply to add a year once you are studying with us.

YORK FUTURES

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available in the Department, see york.ac.uk/study/undergraduate/study-abroad.

ASSESSMENT

Students are assessed by a variety of methods including essays, exams and portfolio work. Depending on the options selected, the balance between these forms of assessment will vary.

RECENT GRADUATE EMPLOYMENT EXAMPLES

- Financial services consultant
- Policy and strategy adviser
- Prosecution team officer
- Public affairs and communications officer
- Campaigns assistant
- Trainee social worker

These graduates and cover a wide range of employers, such as:

- Cancer Research
- BBC
- Civil Service
- Frontline
- Lloyds Banking Group
- EY

ADMISSIONS

Offers are often made on the basis of three A level passes, currently AAB/ABB, or equivalent qualifications. 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.

Applications from mature students are particularly welcome. We aim to ensure that a significant number of mature students are admitted each year, possibly without the usual formal academic qualifications. Such candidates can be assured that their application will be considered sympathetically.

The Department of Sociology welcomes overseas students. While the needs of students from abroad with regard to supervision and academic advice are recognised within the Department, students are fully integrated into the modules and degrees taken by other students.
Theatre, Film and Television

Our world-class facilities, teaching by renowned academics, and masterclasses from industry leaders will prepare you for your future career.

World-leading researchers, dynamic teachers and industry professionals

Over £30m invested in industry-standard facilities

Excellent relationships with interactive media industries, film, TV and theatre

Degree courses give training and experience for work in the creative industries

Regular industry masterclasses and public events

This was the most innovative and exciting course I considered. I really enjoy the media technology – we experiment with graphics and video and this allows me to express my creative side. I’ve found coding in Processing really interesting too. I’m excited about where this course will lead.

Beth (BSc Interactive Media, 1st year)
STUDYING THEATRE, INTERACTIVE MEDIA, FILM AND TELEVISION AND BUSINESS OF CREATIVE INDUSTRIES

Our courses will encourage you to explore the creative worlds of writing and performance, the newest developments in interactive digital technology, the latest trends in cinema and TV and the entrepreneurial and business opportunities afforded by all three industries.

Drawing on strong theoretical foundations, supported by technical and practical training and leading-edge research, you will pursue your academic ambitions while developing an understanding of the cultural and commercial importance of screen, interactive or theatrical storytelling and public events, and gaining experiences that will help you forge a professional career.

With its industry-standard studios, digital design labs and stages, our Department is a creative hub where you will work with other students to refine your ideas, develop your creative business strategies and share your learning experiences, across the fields that dominate the contemporary creative industries.

THEATRE, INTERACTIVE MEDIA, FILM AND TELEVISION AND BUSINESS OF CREATIVE INDUSTRIES AT YORK

Central to all of our courses 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, games, VR, web applications and other forms of interactive media and developing creative business ideas and entrepreneurial strategies. All of this takes place within our magnificent £30m building, a home like no other, with its industry-standard theatres, television studios, shooting stages, post-production facilities and rehearsal rooms.

Our teaching staff includes historians and theoreticians of film, theatre, television and the creative industries; leading experts in interactive media, computer games and web design; specialists in image and audio technologies; and experienced practitioners and producers from industry who will guide you through film and TV production, script and screen writing, staging and devising theatre plays, and funding, producing, promoting and marketing creative work. The ethos of the Department is collaborative at every level.
making it a very exciting and innovative place in which to study.

We score highly for student satisfaction: in the National Student Survey 2018 our BSc Film and Television Production, accredited by ScreenSkills, has an overall satisfaction score of 91 per cent. We are first in the Russell Group in three areas (Academic Support, Learning Resources and Student Voice), and second in a further three (Teaching on my Course, Learning Opportunities and Learning Community).

Our BSc Interactive Media has an overall satisfaction score of 90 per cent. We have over 90 per cent satisfaction in five areas, and are first in the Russell Group for Learning Opportunities and Organisation and Management.

OUR COURSES

BA Business of the Creative Industries
The creative industries are a major UK success story. Together film, TV, theatre and games, contribute £80 billion to the national economy every year. These industries are on the constant lookout for bright, exciting graduates to continue the UK's growth as it develops new international partnerships and enters new creative markets across the globe. Our course will inspire and equip you to become a future creative leader, executive or manager, with a focus on film, television, theatre and games. Drawing on our expertise and our extensive contacts in industry, with teaching that intersects with production-oriented activities, you will develop the skills required to successfully initiate, drive and manage creative projects and businesses in this exciting sector.

Year 1 provides you with a contextual introduction to the creative industries, their culture, technologies and economics, the policy landscape that supports them and the kinds of products and experiences they create.

Year 2 focuses on the specific business practices – entrepreneurial leadership, management, financial, legal and technical – that drive the creative industries, drawing on high-profile case studies.

In Year 3 you will be able to specialise through option modules, and you will have the opportunity to engage with businesses and external organisations through student-led group and individual projects.

BA Theatre: Writing, Directing and Performance
This theatre course focuses on the roles of writer, director and performer. Throughout the degree course, we emphasise the close connection between theatre practice and its histories, theories, politics and ethics. You will develop keen critical analysis skills alongside your practical work in acting, directing and playwriting, and explore a broad range of plays and productions. As you progress, you will hone your skills through increasingly ambitious production and research projects, gaining the experience and expertise needed to fulfil your potential in the theatre industry and beyond. Our staff are leading researchers in theatre practice, history and theory, and have worked as professional writers, actors, directors and designers. Regular masterclasses and workshops bring in leading theatre professionals to work with students. Recent visitors include the director Sean Holmes, actor Penelope Wilton and playwrights Simon Stephens and Laura Wade.

BSc 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. The skills, vision and creativity of people drive the industry forward. Our well-rounded course covers all aspects of film and television production, and our expertise and extensive professional contacts, as well as your use of industry-standard facilities, will prepare you for a career in this dynamic industry.

We teach production techniques intensively, but always hand in hand with theoretical and historical aspects of film and television, and with

York has given me the chance to explore aspects of theatre in a supportive and professional atmosphere. With the wide range of opportunities, engaging staff and resources, there's no limit to what you can do in making theatre, on and off stage, theoretically and practically.

Audun (BA in Theatre: Writing, Directing and Performance, 3rd year)
an understanding of the underlying technologies. Year 1 focuses on key technologies, core production processes and major ideas and theories related to film and programme-making. In Year 2, the emphasis is on production. You will make a short film and a studio television production, complete further historical and analytical work, and choose from options on screenwriting, documentary and media technologies. Year 3 provides you with specialist production experience, an understanding of contemporary film and television business, and a final project in which you are able to pursue your own interests.

**BSc Interactive Media**

On our interactive media course you will learn to create the apps, websites, games, virtual reality and a myriad of other digital experiences that are transforming the world we live in. You will express your creativity and gain in-demand technical skills, while studying the fundamental principles of user-experience design, graphics and audio asset production, computer programming, digital storytelling and the critical analysis of contemporary digital culture. You will graduate with the skills needed to thrive in this dynamic and constantly developing digital industry – following our highly successful graduates into roles such as software developer, user-experience consultant and games level designer.

The course will provide you with a strong theoretical foundation, but it also gives you the freedom to develop your own practical ideas from the first year onwards, as you create a portfolio to show to your future employers. You will gain hands-on experience in our cutting-edge facilities, and learn from staff at the forefront of research who have experience in the fast-evolving interactive media industry. Our regular industry masterclasses will provide you with insight from professionals at the top of their game, with recent speakers including representatives from BT, ESL UK, BBC, IBM and Rockstar Games. You will also have the opportunity to find and secure a placement in industry between Year 2 and Year 3 of your course.

**TEACHING AND LEARNING**

Our courses employ a rich array of teaching methods, including lectures, seminars, tutorials, workshops, innovative problem-based learning, laboratory sessions, production projects, dramaturgical and technical exercises, and masterclasses given by visitors from industry. Throughout the courses, practical, creative and production activity runs alongside analytical, theoretical and historical work.

**ASSESSMENT**

Assessment methods range widely, and cover practical work and production activities as well as theoretical, historical and analytical work. Assessment tasks include film and television productions; various kinds of academic writing (essays, reports, research projects); laboratory exercises and tests of technique (on the BSc courses); creative production and business exercises linked to film, TV, theatre and interactive media (on the Creative Industries BA); practical exercises, both individual and collaborative, including writing, directing, producing and, on the Theatre BA, performing; and larger-scale collaborative production projects.

**FACILITIES**

The Department occupies custom-built production centre on Campus East. Students on all courses have access to a comprehensive range of creative spaces. The fully equipped industry-standard building includes two theatres, 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. Our advanced interactive media facilities include: high specification software development labs, a motion capture suite, a dedicated design studio and specialist resources for creating virtual and augmented reality.

**ADMISSIONS**

For all our courses, selection is on the basis of information provided on the UCAS application 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.

**Business of the Creative Industries**

Applicants should be looking to innovate and lead in all aspects of the creative industries business. You will want to learn about strategic planning, production processes, audience-focused creativity, entrepreneurial leadership, marketing, management and digital technologies. We look for a combination of strong analytical ability, a capacity to work ambitiously with others, and a passion for storytelling, aesthetics and creative content. We do not necessarily expect you to have a background in film, TV, theatre or IM – just an enthusiasm for creativity.
Our programmes are highly specialised but also aim to produce flexible and responsive graduates who are attractive to a range of employers.

**Business of the Creative Industries**

Our course will equip graduates to become the creative entrepreneurs of the future, across screen, stage, games, festivals, events and more. This includes careers as producers in film, theatre or TV; as schedulers and event programmers; as executives in leading creative institutions and media companies; as marketers, distributors or advertisers; as creative leaders who will find the next business opportunities in still untapped areas of digital media.

**Theatre: Writing, Directing and Performance**

The ideal students for this course 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 course will be driven by the desire to combine artistic and technical skills with critical thinking to create interactive digital systems. We look for prospective students who are excited about learning technical aspects of interactive media, such as computer programming, as well as studying the impact that interactive technologies have on society and culture. We sometimes make lower offers to applicants who show talent and passion for the subject, and perform exceptionally well at interview.

**YORK FUTURES**

If you are interested in gaining substantial work experience as part of your degree, you have the option to pursue a placement year (see page 20).

You can also enhance your degree and employability with a global opportunity to study, work or volunteer abroad. For information on our Centre for Global Programmes, see page 28, or for the options available within the Department, see york.ac.uk/study/undergraduate/study-abroad.

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**What our graduates do**

Our programmes are highly specialised but also aim to produce flexible and responsive graduates who are attractive to a range of employers.

**Business of the Creative Industries**

Our course will equip graduates to become the creative entrepreneurs of the future, across screen, stage, games, festivals, events and more. This includes careers as producers in film, theatre or TV; as schedulers and event programmers; as executives in leading creative institutions and media companies; as marketers, distributors or advertisers; as creative leaders who will find the next business opportunities in still untapped areas of digital media.

**Theatre: Writing, Directing and Performance**

Some of our graduates work as writers, directors or performers; others go into arts journalism, teaching, drama therapy, literary management, publishing, stage management, theatre/film/television production, marketing and communications, academic research and arts administration. Employers include: Ambassador Theatre Group, the BBC, ITV, the Bush and Orange Tree Theatres in London, the Grand Opera House in York and Slung Low Theatre Company in Leeds.

**Film and Television Production**

Film and TV graduates are in a position to enter industry in a variety of capacities. Technically skilled, familiar with group working and rigorous in their thinking, they have gone on to The National Film and Television School, various production positions at the BBC and with independent production companies such as True North and Love Productions, as well as editing, sound and VFX roles in leading Soho facilities and junior managerial positions at Walt Disney. Meanwhile, graduate films regularly win festival awards.

**Interactive Media**

The ideal students for this multidisciplinary course will be driven by the desire to combine artistic and technical skills with critical thinking to create interactive digital systems. We look for prospective students who are excited about learning technical aspects of interactive media, such as computer programming, as well as studying the impact that interactive technologies have on society and culture. We sometimes make lower offers to applicants who show talent and passion for the subject, and perform exceptionally well at interview.

Our graduates enter the professional world equipped with a wide range of technical, design and analytic skills ideal for careers including web/AR/VR development, user experience design, games design and development, project management, digital content production and marketing, and further academic research. Employers of our graduates include EON Reality, Scott Logic, Netsells, the Open Data Institute, Revolution Software and FTI Consulting.
This index lists the undergraduate courses we offer, the qualifications they lead to, and the sections of the prospectus which you need to turn to for more information. All of our degree courses lead to honours degrees, and are three years long unless otherwise stated. When subjects are combined they may be main/subsidiary or equal combinations; equal combinations are clearly indicated.

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GETTING TO THE UNIVERSITY

TRAVEL TIMES
From the city centre to the University (Campus West)

- By car/taxi: 15–20 mins
- By bus: 15–20 mins
- By bike: 12–15 mins
- On foot: 25–30 mins

York has excellent transport links with other major cities both in the UK and abroad. The University is located within easy reach of York city centre.

Airports
There are international airports at Manchester and Leeds, and York is under two hours by rail from London so Heathrow and Gatwick airports are also 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.

Car
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. All public car parks on the campus have reserved bays for disabled badge holders.

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 service between Campus West and Campus East.

Coach
You can reach York by coach from many destinations around the country. National Express buses stop at York Railway Station.
The King’s Manor, York city centre

WALKING TIMES

- Campus West ➔ City centre: 25 mins
- Central Hall ➔ Ron Cooke Hub: 20 mins
- Ron Cooke Hub ➔ York Sport Village: 15 mins
- Central Hall ➔ Halifax College: 10 mins

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TERM DATES

**2019/2020**

Autumn Term
30 September 2019 – 6 December 2019

Spring Term
6 January 2020 – 13 March 2020

Summer Term
**Tuesday** 14 April 2020 – 19 June 2020
(term begins on a Tuesday as Easter Monday falls on 13 April)

**2020/2021**

Autumn Term
28 September 2020 – 4 December 2020

Spring Term
11 January 2021 – 19 March 2021

Summer Term
19 April 2021 – 25 June 2021

**2021/2022**

Autumn Term
27 September 2021 – 3 December 2021

Spring Term
10 January 2022 – 18 March 2022

Summer Term
**Tuesday** 19 April 2022 – 24 June 2022

Note that these term dates do not apply to 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.

University of York Prospectus 2020
This prospectus is for students applying to join us in 2020 and was correct at the time of going to press. We hope to provide the programmes, opportunities and facilities described but for the most up-to-date information please visit our website at york.ac.uk.

ORDINANCES AND REGULATIONS
The prospectus is issued for the general guidance of students entering the University of York in September 2019 and does not form part of any contract. Our ordinances and regulations, which are binding on all students, can be found on our website. 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 (qaa.ac.uk).

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