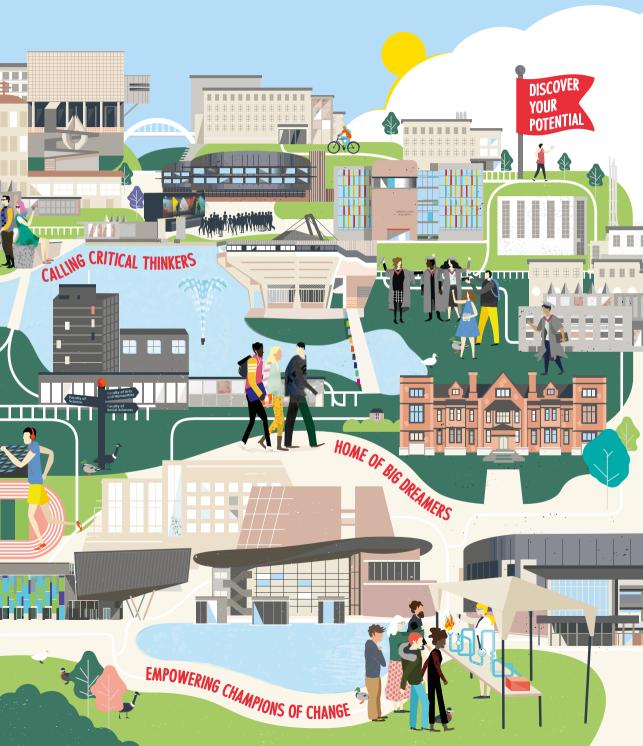
UNDERGRADUATE PROSPECTUS 2019









GLOBAL REPUTATION

Top 50 in the world for Arts and Humanities and top 100 for Life Sciences and for Social Sciences*



RESEARCH-LED TEACHING

Russell Group second place for 'teaching on my course' in the National Student Survey 2017



INTERNATIONAL VISION

Ranked as one of the the top 100 universities in the world for international outlook*



COLLEGE COMMUNITIES

Our college system provides an instant social life and a secure, supportive environment



WORLD-CLASS FACILITIES

£500m investment in new student accommodation and state-of-the-art facilities on our beautiful campus



LIVELY AND CULTURAL CITY

Located in the medieval city of York, regularly voted one of the best places to live in the UK



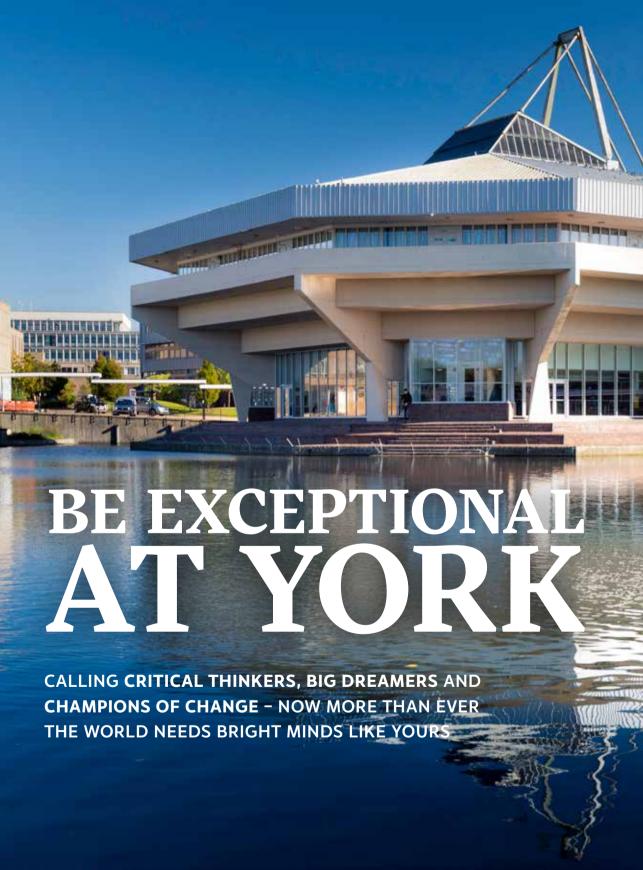
YOUR FUTURE IN FOCUS

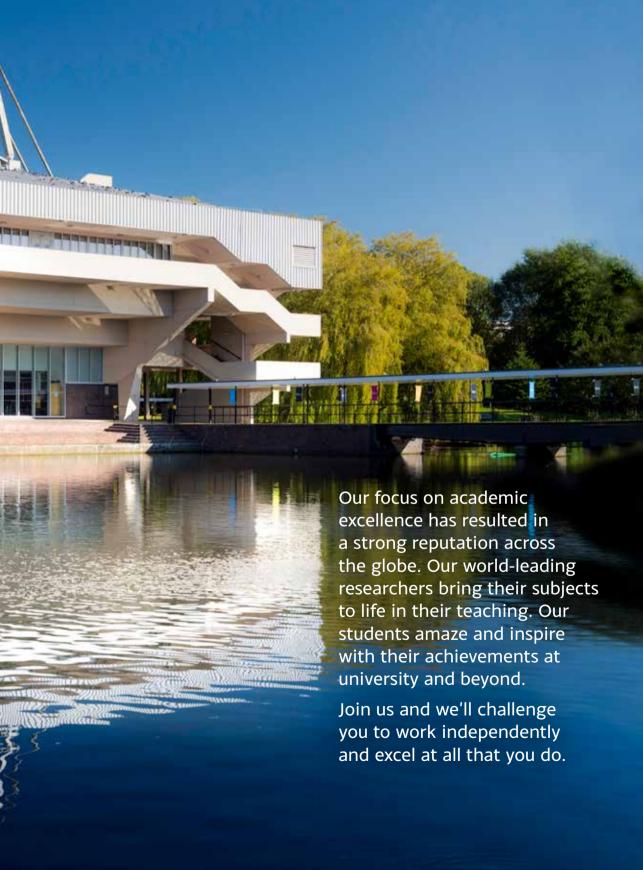
95.5% of our students are in employment or further study six months after graduating**



^{*}Times Higher Education World University Rankings 2018

^{**}Destinations of Leavers from Higher Education survey 2015/16 (HESA) (full-time UK students)





CONTENTS

SEE FOR YOURSELF

Come and meet us – Open Days and visits



DISCOVER YOUR POTENTIAL

Think differently – research-led teaching	10
Structured teaching – learn by design	12
Challenge yourself – teaching and learning	14
Space to think – facilities for study	16
Effective study – study and skills support	18



MAKE NEW CONNECTIONS

Prepare for your future — York Futures	22
Anything is possible – York alumni	26
Expand your horizons – global opportunities	28
Our international community –	
international students	32



EXPERIENCE YORK

6

City life – lively, cultural and beautiful	38
Life on campus – ideal campus environment	40
Try something new –	
your Students' Union (YUSU)	42
Strive and thrive – sport at York	44



LIVE AT YORK

Home from home – living in a college

Your own space - accommodation

ioui oviii space accommodation	52
Supporting your wellbeing — our support services	54
NEXT STEPS	
Applying to York — your application step by step	59
Funding your study –	
tuition fees, living costs and funding	63

50

52



SUBJECTS TO STUDY AT YORK

Archaeology	08
Biochemistry	73
Biology	77
Biomedical Sciences	84
Chemistry	88
Computer Science	95
Economics and Related Studies	101
Education	107
Electronic Engineering	111
English and Related Literature	117
Environment (including Geography)	122
History	127
History of Art	133
Language and Linguistic Science (English, French, German, Italian, Spanish)	137
Law	143
Management (including Business)	147
Mathematics	152
Medicine	158
Music	163
Natural Sciences	167
Nursing, Midwifery and Healthcare	172
Philosophy	177
Physics	182
Politics (including International Relations)	188
Politics, Economics and Philosophy	193
Psychology	197
Social Policy and Social Work	201
Social and Political Sciences	207
Sociology (including Criminology)	211
Theatre, Film and Television	
(including Interactive Media)	216



OTHER INFORMATION

Programmes index	221
ndex	227
Getting to the University	229
University campus map	230
Term dates	232
What next?	inside back cover

SEE FOR YOURSELF

THERE ARE MANY WAYS TO MEET OUR STAFF AND STUDENTS AND LEARN ABOUT STUDYING AT YORK

COME AND MEET US

Open Days

Enjoy a packed programme of talks and tours, guided by our helpful Student Ambassadors. Get a flavour of the intellectual challenges you'll engage with at departmental mini-lectures and talks. Visit our study facilities and student accommodation, and find out about life outside the lecture theatre, from sports, clubs and societies to studying abroad. Parents and other guests are also welcome.

Student-guided tours

Take a one-hour tour with one of our Student Ambassadors. It will include colleges, the University Library, cafés, bars, shops, sports facilities, the Information Centre and the Students' Union. You can follow up with a tour of Campus East and York Sport Village.

FIND OUT MORE

york.ac.uk/openday york.ac.uk/international

- y uniofyork #YorkOpenDay
- f universityofyork
- o uniofyork
- uniofyork
- universityofyorkuk

Year 12 subject Taster Days Explore a subject in depth with

Explore a subject in depth with mini-lectures and workshops; tour our campus and talk to our staff and students.

Around the UK

Look for us at higher education fairs up and down the country or at your school or college.

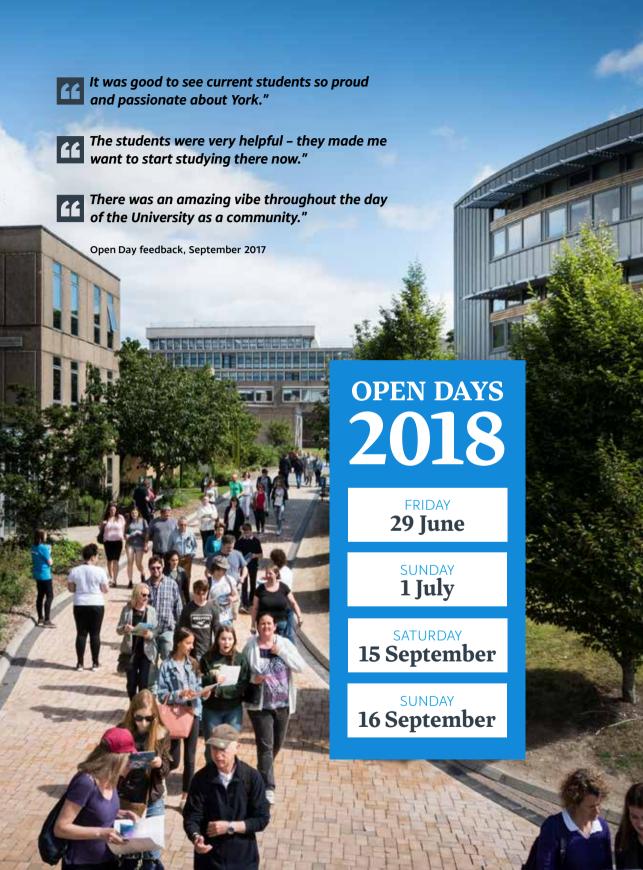
In your country

Arrange to meet our overseas representatives or our staff when they are travelling overseas.

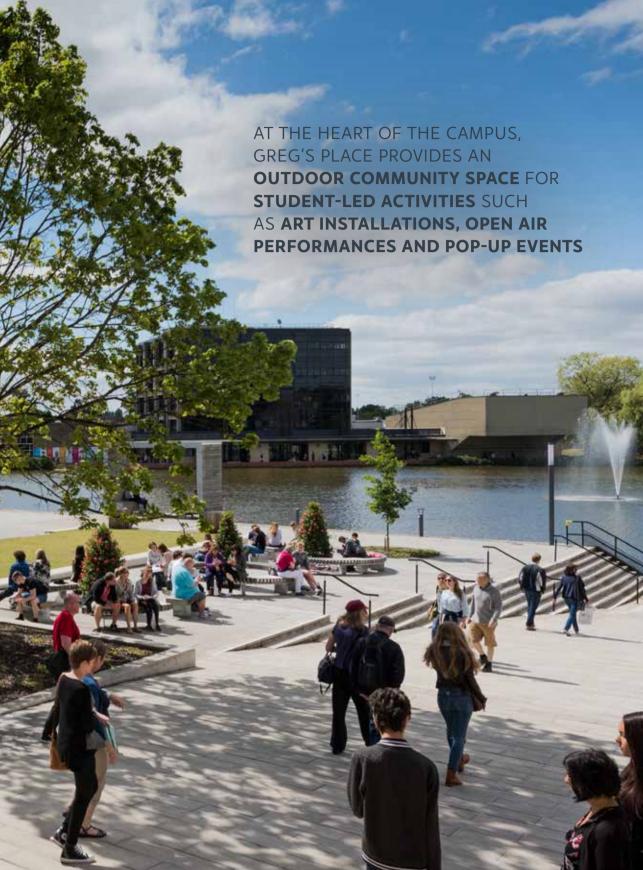
Visit Days for offer holders

Join us for a talk, an opportunity to meet staff and students, attend Q&A sessions and tour the campus, plus a special programme for parents and guests.











WE ARE A RUSSELL
GROUP UNIVERSITY AND
ONE OF THE WORLD'S
PREMIER INSTITUTIONS
FOR INSPIRATIONAL
AND LIFE-CHANGING
RESEARCH. THIS
FEEDS DIRECTLY
INTO THE TEACHING
YOU'LL RECEIVE





YORK IS RANKED TH OUT OF 155 HIGHER EDUCATION INSTITUTIONS FOR RESEARCH IMPACT

RESEARCH-LED TEACHING

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

Independent thinking

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 thriving Mesolithic settlement dating from around 9000 BC. Our undergraduates have written dissertations on data generated from the excavations, which has given them the experience of working in a research team and initiating their own original research.

Techniques in the field

Dr James Chong is a senior lecturer in the Department of Biology and his research focuses on exploiting the microbial communities found in unusual environments for biotechnological applications. He's often found encouraging his students to use a range of techniques to explore wastewater, Antarctic seawater or the University lake.

Analysing issues

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

Original research

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.

ASSESSING OUR RESEARCH

In the government's most recent assessment of research across UK universities, York was placed tenth in the UK for the impact of its research.* Results have a direct bearing on the funding we receive, which means you'll have access to excellent facilities, from science laboratories to libraries and online resources.

*Times Higher Education 2014 – excluding specialist institutions which submitted fewer than four units of assessment





OUR RESEARCH-LED TEACHING APPROACH WILL
INSPIRE AND SUPPORT YOU EVERY STEP OF THE WAY
TO GRADUATION AND BEYOND

LEARN BY DESIGN

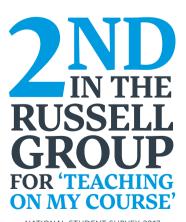
We've designed our courses and our teaching approach so that you get the most from your time working with teaching staff or studying on your own. Whether you're taking a single subject or a combined honours degree, at every stage you'll understand how to get there and how you can achieve your best. You'll also feel confident about applying the skills and knowledge you learn throughout your course to new situations, such as placements or jobs.

Learning outcomes

We will give you a clear description of the aims of your chosen course and six to eight learning outcomes. These are unique to each course and really capture their distinctive characteristics. The learning outcomes tell you what you can expect to be able to do when you graduate and will help you to explain what you can offer to employers.

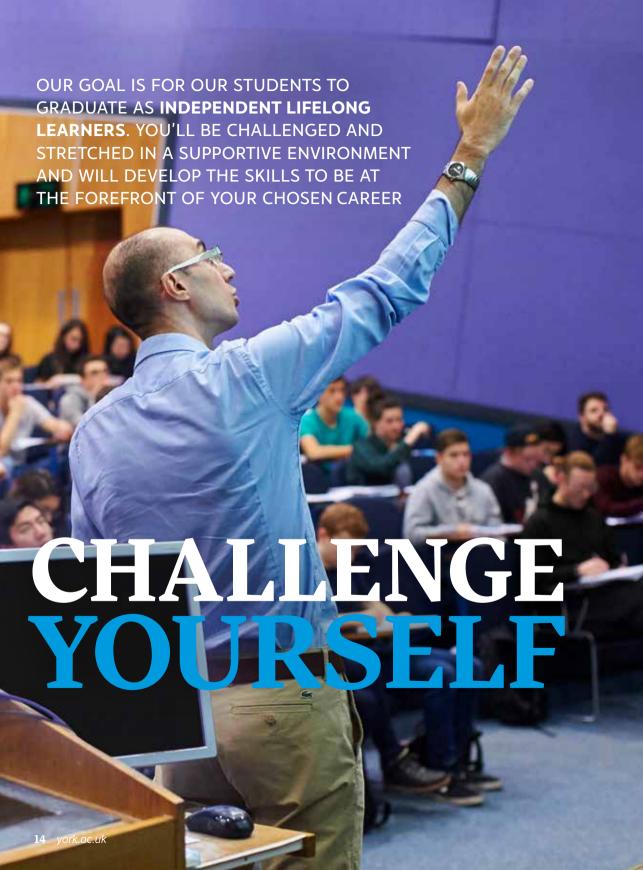
Our academics design each course so that you have the best opportunities to build your knowledge, develop your abilities and progress towards your outcomes. Feeling confident in your understanding of the work you need to do will help you to meet each objective.

You will get the guidance you need from staff through assessment and feedback, such as exams, coursework, projects and group work.



NATIONAL STUDENT SURVEY 2017





TEACHING AND LEARNING

Our courses will support your learning every step of the way.

Flexible options

You can focus on topics that particularly interest you or fit your career plans with York's wide range of honours degrees. Many of our courses offer you scope to pursue areas of interest by choosing from optional modules within your degree programme or, in some cases, more widely.

Tailored teaching styles

We tailor our teaching to the demands of individual subjects. You may attend small group tutorials, as well as larger group seminars and lectures for many of our degree courses. Many modules feature online resources and out-of-classroom, self-directed learning methods supported by our Yorkshare virtual learning environment (VLE) (see page 17).

Placements and studying abroad

UK and international placement years are available through either a department Year in Industry programme or the Placement Year programme.

They offer you the opportunity to gain valuable work experience at a challenging level that will help to prepare you for graduate jobs.

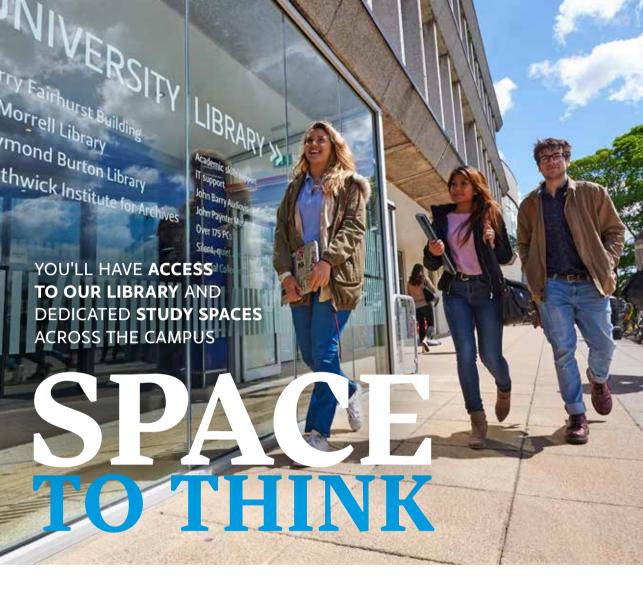
You'll be able to apply for one of our many term time or summer international opportunities through the Centre for Global Programmes (see page 30).

Studying or working abroad during your degree is a life-changing experience. Not only will it enrich your education, it will prepare you for a career in a competitive and global job market.

FIND OUT MORE

york.ac.uk/study/undergraduate york.ac.uk/study/qlobal-programmes





FACILITIES FOR STUDY

Library and Archives

Our extensive Library is open 24/7, 362 days of the year. It provides academic research materials and documents which you'll need to enhance your study. Search the Library catalogue and use our e-resources guide and digital library to find e-book and e-journal titles. music and multimedia resources. As well as the central Library, there are specialist libraries at King's Manor and York Minster.

Study spaces

There are over 1,250 study spaces across the libraries with flexible options for single and group study, in both formal and informal spaces. You can book space for yourself or a group in the Library, and we create pop-up study spaces during exam time. We offer 24-hour access to our outstanding facilities across campus, from study desks, bean bags and pods to the Island of Interaction, a collaborative group study area.

Help and support

Your Academic Liaison Librarian is your contact at the Library and is able to offer subject-specific help and support. You can also access tailored subject guides online with information relevant to your subject. The Help Desk offers Library and IT support every day, including weekends.

FIND OUT MORE

vork.ac.uk/library

UoYLibrary



THE UNIVERSITY
LIBRARY
GIVES YOU
ACCESS TO:

1.7 MILLION BOOKS, AUDIO-VISUAL ITEMS, AND OTHER PRINTED MATERIAL

600,000 E-BOOKS AND OVER

15,000 PRINT AND ELECTRONIC JOURNALS

Connect on campus

- You can connect your laptop, PC, phone, tablet and games console to our network.
- You'll have access to email, filestore, Google for Education, printing and more.
- There's free wifi on campus and in the city, including in libraries, cafés, departments and your study bedroom.
- You can access University resources including filestore, printing and some web apps off-campus using our Virtual Private Network.
- There are nearly 1,000 openaccess networked computers provided for your use on campus.

Yorkshare – online learning

- Access programme materials and communicate with other students and staff in our Virtual Learning Environment (VLE).
- Look up your reading lists and electronic holdings in all our libraries.
- Develop your study skills and produce original work with self-directed study activities.
- Carry out assessments on some courses.
- Share lecturers' notes, quizzes, surveys, presentations, audio/visual media and recorded lectures.



EFFECTIVE STUDY

OUR EXCELLENT LEARNING RESOURCES AND SKILLS

DEVELOPMENT WILL HELP YOU STUDY EFFECTIVELY AT THE

SAME TIME AS STRENGTHENING YOUR EMPLOYABILITY





STUDY AND SKILLS SUPPORT

Your academic supervisor and college support team offer you guidance and advice to support your academic and personal progress, helping you to achieve your best. You can also access free support to develop your study skills, including online resources and one-to-one support opportunities.

Communication skills

Improve your academic essay writing at our Writing Centre. Our team of tutors is available to talk to you about planning and structuring assignments, developing your arguments, integrating sources and expressing yourself clearly, complementing your department's support.

We offer a range of courses through which both home and overseas students can develop academic speaking and writing skills, as well as global networking.

We also offer a Transcultural Communication course which focuses on how culture influences the way people think and

communicate. It raises awareness of cultural differences so you can work effectively in an increasingly globalised workplace.

Academic integrity

Learn how to follow good academic practice in your reading, note-taking, essay-writing and referencing of sources, and how to avoid plagiarism with our mandatory online Academic Integrity tutorial.

Maths Skills Centre

Get help and guidance with understanding your maths and statistics to supplement your department's support at the Maths Skills Centre. Drop in or book an appointment with a tutor.

Languages

Develop existing language skills or learn a new language to enhance your academic programme, improve your career prospects, or just for fun through Languages for All (additional costs may apply). If you go on a Study Abroad programme you may be able to take part in a Languages for International Mobility course (see page 30).

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 skills

york.ac.uk/study-skills

Writing Centre

york.ac.uk/writing-centre

Centre for English Language Teaching vork.ac.uk/celt

Academic integrity york.ac.uk/integrity

Maths Skills Centre vork.ac.uk/maths-skills-centre

Languages for All york.ac.uk/lfa

Digital skills

subjectquides.york.ac.uk/skills







FOR YOUR FUTURE

EXPAND YOUR KEY SKILLS AND EXPERIENCE THROUGH PLACEMENTS. VOLUNTEERING. INTERNSHIPS AND PART-TIME **WORK** TO TAKE ADVANTAGE OF THE BEST JOB OPPORTUNITIES AFTER YOU GRADUATE

YORK FUTURES

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

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

Make friends, get to know York and discover strengths beyond your studies by getting involved with societies, volunteering, enterprise, placements, internships, part-time work and study abroad opportunities.

Each autumn, we invite over 150 recruiting employers to our three Careers Fairs, launching our employer events programme and providing work experience opportunities for first and second year students, as well as graduate roles.

Our unique York Strengths Programme will help you to make sense of what you could offer to employers.

FIND OUT MORE

Placement Year york.ac.uk/careers/placements

York Award york.ac.uk/york-award

York Strengths Programme york.ac.uk/york-strengths

YEAR 1

Use our online exercise. York Strengths Discovery, to identify your personal qualities.

Through the York Strengths Development Day you can take part in a number of insightful activities that will reveal how you like to work and will help you take control and prepare for your career.

We also support you in accessing placements, internships and volunteering opportunities.

YEAR 2

Apply to the York Award at the start of your second year to record and reflect on your experiences, skills and strengths in a way that appeals to employers.

You can also develop your leadership skills in a practical way through York Leaders. Apply in the spring for this programme of workshops and seminars delivered by specialists, top employers and alumni.

PLACEMENT YEAR (optional)

Gain valuable experience and stand out to recruiters by working for up to a year as part of your degree. Pursue a local, national or international work

Placement Year between your second and third years of study.

FINAL YEAR

Apply for York Award Gold at the start of your final year, preparing your employability story and reflecting on your development and achievements.

Continue to access tailored careers support as you look ahead to your next steps after graduation.

Volunteering at the hospital was hugely relevant to my future career and gave me a great insight into how mental health services in the NHS work, the roles of different staff members and an understanding of what I could expect from a future job in the field."

Melissa (BSc Psychology)
Volunteer of the Year 2016



95.5% GRADUATES **ENTER WORK** OR FURTHER STUDY WITHIN SIX MONTHS OF GRADUATING*

We offer paid project-based internships with local employers through our Student Internship Bureau

ENGAGE WITH TOP EMPLOYERS

Our graduates are among the most sought after in the UK and we are 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
- Civil Service
- Clifford Chance
- Deloitte
- ΕY
- Frontline
- Grant Thornton
- Koreo
- **KPMG**
- Linklaters
- L'Oréal
- Morrisons
- Network Rail
- NHS
- Nissan
- P&G
- Police Now
- DIVIC
- Santander
- Teach First
- Destinations of Leavers from Higher Education survey 2015/16 (HESA) (full-time UK students)
- ** The Graduate Market in 2018 (High Fliers)

STAND OUT FROM THE CROWD

Get a head start to a brighter future through the opportunities, resources and advice we offer.

Plan your career

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

Work and study

Develop skills that are valued by employers by taking a summer internship or a Placement Year, or by gaining part-time and casual work while you study. You can apply for paid project-based internships with local employers, exclusively available to University of York students, through our Student Internship Bureau.

Boost your skills

Broaden your leadership and organisational skills through our extensive volunteering programmes. We offer projects and individual opportunities with schools and community organisations across York, including our award-winning York Students in Schools scheme.

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. The centre offers free hot-desking facilities and

support to help you put your ideas into action.

Link with our networks

Benefit from professional networking opportunities that will link you with young graduates and senior professionals across a broad selection of industries. Learn about successful York graduates' career journeys through talks and our award-winning online case studies and mentoring platform. We have a global network of over 116,000 York alumni, many of whom visit the campus, share their stories and are there to offer you support.

Go global

Develop your language skills and apply to spend time abroad through our Centre for Global Programmes (see page 30).

PLACEMENT YEAR

Most degree programmes at York now offer a Placement Year as part of your study (see the programmes list on pages 68-219).

FIND OUT MORE

vork.ac.uk/careers

f Yorkcareers

UoYCareers

ANYTHING IS POSSIBLE

YORK **ALUMNI** HAVE GONE ON TO DO **AMAZING AND DIVERSE** THINGS. DISCOVER HOW YORK
HELPED THESE STUDENTS SUCCEED

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 only wish I had been there when the Theatre. Film and Television department opened. 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)

FIND OUT MORE

york.ac.uk/study/careers-skills



The experience I gained through joining York's Entrepreneurs Society and 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)



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



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)



Charlie Taylor CEO and Founder of Debut (BA Politics, Philosophy and Economics, 2011)



EXPAND YOUR HORIZONS

WE HAVE LINKS WITH TOP ACADEMIC INSTITUTIONS AND EMPLOYERS ALL OVER THE WORLD. ENJOY THE CHALLENGING AND REWARDING EXPERIENCE OF EMBRACING A DIFFERENT CULTURE AND GAIN A NEW SET OF SKILLS TO IMPRESS POTENTIAL EMPLOYERS



WHY GO ABROAD?

- Stand out from the crowd fewer than 7% of UK students have studied abroad
- Enhance your employability
- Broaden your cultural and social perspectives
- Develop your language and intercultural skills
- Boost your self-confidence, independence and ambition
- Conquer challenges, solve problems and discover new strengths and abilities





GLOBAL OPPORTUNITIES

Additional year abroad

We have a number of courses with an additional year abroad. Depending on your degree programme, you may be able to study at a partner university or take a Placement Year overseas.

Exchange programmes

You can apply to study for up to one year in Europe, North and Latin America, Asia, Australia, South Africa or Russia. You will take a set of courses at the partner university which will replace your second year of studies at York. Some exchanges are open to undergraduates in all departments and others are department-specific.

International Study Centres

You have the option to immerse yourself in a two-week intensive academic and cultural experience at an international partner university, travelling with a group of York students. These themed programmes have previously been held in Brazil, the USA, Russia, South Africa and China.

Spend the summer abroad

We can help you explore a wide range of life-changing experiences through volunteering programmes, language and cultural immersion courses, and career-related summer schools overseas.

Studying abroad has been the highlight of my time at university. I am a more well-rounded person – more confident, independent and adaptable. My understanding of different cultures, people and lifestyles has greatly increased. These skills will help me both in my personal life and throughout my whole career."

Ella (BA History)
Student at the Beijing International Study Centre

Languages for International Mobility

Build up your language skills and cultural knowledge before your Study Abroad programme by joining one of our free Languages for International Mobility courses when you come to York.

FUNDING

WHAT TUITION FEES DO I PAY
DURING AN EXCHANGE YEAR?
If you are studying for a full year

If you are studying for a full year abroad, you will pay no tuition fees to the host university and a significantly reduced tuition fee to York.

EXCHANGE AWARDS

There are awards available for students undertaking an exchange in North America or a non-English speaking location.

TRAVEL AWARDS

Apply for funding awards for independent travel experiences during your studies at York, such as a volunteering project or learning a language.









INTERNATIONAL STUDENTS

Campus community

Our inclusive, cosmopolitan culture and safe campus environment reflect our commitment to educating global citizens. You can study, live and socialise with complete peace of mind on our campus in one of the safest cities in the UK. Meet new friends through your friendly, supportive college and get involved in a wide variety of sporting, social and volunteering activities both on campus and in the wider community.

Explore the UK

York is one of the UK's best connected cities, with several international airports nearby. Excellent train networks make it easy to reach Manchester, London or Edinburgh in around two hours. Through colleges and student societies you'll have plenty of opportunities to go on trips.

Study options

Undergraduate degrees

Join York as an undergraduate student on one of our three-, four- or five-year honours degree programmes and choose from over 250 undergraduate courses in arts, humanities, sciences and social sciences. Many of our undergraduates go on to take postgraduate taught or research degrees at York.

Pathway courses

We have specially designed courses to prepare international students for entry to the University. If you complete a Foundation Certificate to the required level at our on-campus International Pathway College, you have a guaranteed place on your chosen degree at York.

Alternatively, you can choose to study at our partner institution, Kaplan International College, in London.

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'll be fully integrated into academic and social life here on campus and in the city. You may be able to select courses across departments and transfer the credit back to your home institution.

Helping you to settle in

When you are a long way from home we can offer you the extra support you need:

- collection by coach from Manchester airport at the start of the academic year
- our Welcome Week programme to help you to settle in and make friends
- an Immigration Advice Service provided by our Student Hub

- pre-sessional English language courses
- dedicated facilities for you to practise your faith
- lifelong Careers support
- international networking through York Alumni Association

CONNECT WITH YORK

MEET US IN YOUR COUNTRY york.ac.uk/your-country

SPEAK TO ONE OF OUR OVERSEAS REPRESENTATIVES york.ac.uk/your-country

CONTACT A STUDENT AMBASSADOR york.ac.uk/international/contact

CHAT WITH US ONLINE york.ac.uk/international/webchat

of our students are from outside the UK SO YOU CAN MAKE FRIENDS



FIND OUT MORE

International Recruitment team +44 (0)1904 323534 international@york.ac.uk york.ac.uk/international

У York1963

Pre-sessional courses *york.ac.uk/uq-pre-sessionals*

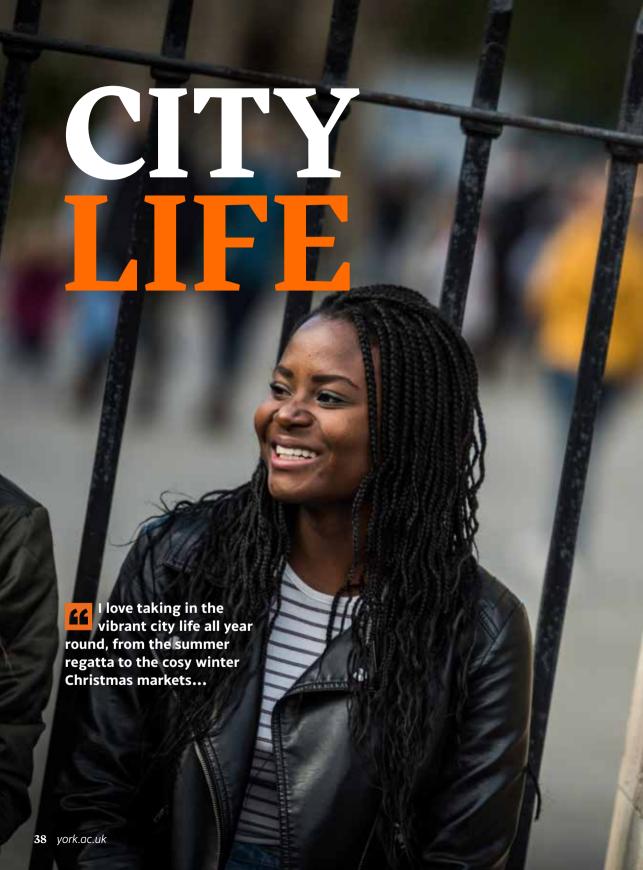
How we support you york.ac.uk/international/support

Our pathway courses
vork.ac.uk/international-pathways

How to be a visiting student york.ac.uk/visitingstudents









LIVELY, CULTURAL AND BEAUTIFUL

... York is the most beautiful place I have lived in. I love the history that lies behind each famous site from the Minster to the Shambles.

The atmosphere is always buzzing with excitement. There is an endless list of unique and quirky bars and restaurants to explore, as well as interesting and informative museums and attractions.

York is a very safe, homely city – not so small that you'd ever run out of things to do and not so big that you can't explore what this wonderful, lively city has to offer.

You can safely enjoy the student nights in town with the added bonus of the free Students' Union's bus to get you to and from campus.

For a break from your studies, I highly recommend visiting York's Chocolate Story, the Castle Museum, the York Dungeon and, of course, the Minster. York has so much to offer and there is most certainly something for everyone to enjoy.

Sharon (BSc Biomedical Sciences)









IDEAL CAMPUS ENVIRONMENT

... Coming to York will give you a beautiful city, a campus with loads going on and multiple ways to build new support systems throughout your degree, whether you're super confident or perhaps a little more reserved. There are so many ways to meet people: from your college, your course, sports teams and societies, the liberation networks and much more.

With its green spaces, sports facilities, bars, cafés, shops and common rooms, this campus has it all.

Mia Shantana Chaudhuri-Julyan YUSU Community and Wellbeing Officer 2017/18







Society because I knew it was going to be a completely new experience to what I was used to before university. I was pretty self-conscious and didn't want to be in the spotlight, but the society really allowed me to build my confidence, meet new people

There are so many weird and wonderful things to get

and to truly be myself.

easy-going and accepting. If you are new to something or want to try something different, the community feel really supports that. I've done so many things I wouldn't have even thought of before I came to university.

Mikey Collinson YUSU Student Activities Officer 2017/18



yusu.org f yorkunisu (i) yorkunisu yorkunisu y





YOUR SPORT UNION

... 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.

As York Sport President, I'm proud of the opportunities we offer to enjoy recreational sport as well as excelling in performance. Moments of unity and achievement on the sports pitch can forge friendships that last a lifetime and inspire you to succeed in your studies, making your years at York truly special.

Laura Carruthers York Sport President 2017/18





SPORT AT YORK

The student-run York Sport Union has over 65 clubs, some of which compete nationally against other universities. In the annual Roses tournament we go head-to-head with Lancaster in over 50 sports. We offer coaching support for teams including rowing, swimming and tennis.

We have a huge range of firstclass sport, fitness and wellness facilities at the campus-based York Sport Village and York Sport Centre, including a competition-standard swimming pool, a regional-standard athletics stadium and the Olympicsized outdoor cycling velodrome.

College sports

Our fantastic programme of college sports has over 15 different sports to choose from, offering opportunities for all abilities, with a focus on

taking part. You can play for fun with other members of your college, compete against other colleges for the Inter-College Sports Cup, or be a part of the only inter-university college competition, against Durham.

Performance sports

The talented athletes and clubs at York are supported by our sports scholarships and Focus Sport programmes. The Santander Universities partnership supports those with the highest sporting ambition, offering three £5,000 Elite sports scholarships.

The University has also been recognised as one of only ten British Rowing Centres in the UK for the development of its World Class Start Olympic pathway programme.

FIND OUT MORE

york.ac.uk/sport

YORK SPORT VILLAGE

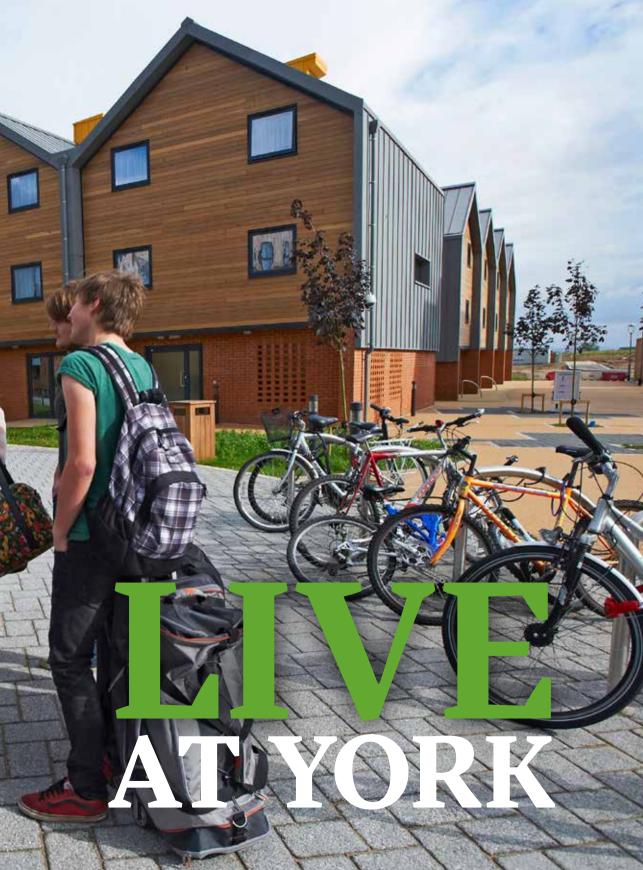
- Eight-lane 25m swimming pool
- Floodlit 3G football pitches
- 120-station fitness suite with integrated TVs
- Air-conditioned fitness studios
- Sauna and steam room
- 1km cvcle circuit
- 250m velodrome

DRK SPORT CENTRE

- 70-station fitness and performance gym
- York Sport Arena and Sport Hall for badminton, basketball, netball and more
- Indoor tennis and squash courts
- Floodlit hockey and football pitches and netball courts
- Regional-standard athletics stadium
- 39 acres of grass playing fields















HOME FROM HOME

YOU'LL BE PART OF YOUR COLLEGE COMMUNITY FROM DAY ONE -**ENRICH YOUR UNIVERSITY EXPERIENCE** AND MAKE FRIENDS FOR LIFE



LIVING IN **A COLLEGE**

What is a college?

These small, distinct communities based on the University campus will become your home from home. You'll remain a member of your college throughout your time at York and even after you graduate. More than just a place to live, your college will provide you with a network of support as well as a full calendar of events and activities to help you settle in, meet people and develop skills and interests. You'll meet students and staff of all ages, nationalities and disciplines and be part of life on campus.

Activities and events

Most college events are organised for students, by students - from big summer parties to club meet-ups, live music events to guest lectures, and Christmas fairs to bake-off competitions.

College sports and clubs

Every week colleges compete in over 20 college sporting leagues including football, rugby, netball, tennis, wheelchair basketball, dodgeball and swimming. There is regular training and coaching for all team members who range from beginners to seasoned pros, so whatever your sporting ability you can take part.

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. Colleges also compete for the Dame Judi Dench College Cup, awarded for the most volunteering impact, so you'll have a chance to organise volunteering and charity fundraising for projects you're passionate about.









YORK IS JUST ONE OF A HANDFUL OF COLLEGE SYSTEM



Support and guidance

Colleges have a team of staff whose job it is to welcome and support you while you're here. There are also resident tutors, 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 Second and Third Year Contacts (STYCs). 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.

Catering, social and study facilities

Our colleges have a range of bars, cafés, dining halls, common rooms, study areas and outdoor spaces, as well as study bedrooms. All our colleges are within walking distance of departments and teaching buildings.

York has a fantastic college system. It provides a great deal of support as well as organising events throughout the year."

Katherine (BA Applied Social Science)



FIND OUT MORE

york.ac.uk/college-life yusu.org/community/colleges



YOUR OWN SPACE

CHOOSE FROM A RANGE OF **ROOMS** ON OR VERY NEAR THE CAMPUS, RIGHT AT THE **HEART OF THE ACTION**

ACCOMMODATION

Our undergraduate accommodation is located across eight colleges, each with a welcoming supportive community.

Choose from a variety of room types and options to suit you and your budget, from traditional rooms in our older blocks to premium en-suite rooms with spacious shared kitchens.



OUR GUARANTEE

We guarantee you an offer of a room on or near campus in your first year if you are a new, single, full-time undergraduate and apply by the deadline date published on our website. We will also guarantee overseas students accommodation in subsequent years.

HOW DO I APPLY?

Use our online application system after you have accepted York as your firm or insurance choice. Our application process, prices and deadline dates will be advertised on our accommodation web pages in autumn 2018.

CAN I STAY ON?

You can apply to live on campus each vear, or to return for your final year.

VISITING STUDENTS

If you are a visiting student, here for a year or less, you can check application criteria and options online.

PRIVATE SECTOR

There is also a wide selection of private sector accommodation within walking distance of campus.

WHAT'S INCLUDED?

- Study-bedroom, shared kitchen and shared bathroom or en-suite
- Wifi in every bedroom
- Electricity, heating, water, and contents insurance
- 24-hour campus security presence

What are my room options?

Location

College rooms are divided between Campus East and Campus West, with just a short 20-minute walk or free shuttle bus ride between. All are located within easy reach of the library, shops and sports facilities.

Economy, standard or premium

Prices reflect the age, condition and size of the accommodation, as well as the number of people sharing kitchen and bathroom facilities.

Catered or self-catered

All our accommodation has selfcatering facilities, and many colleges also offer catering options.

En-suite or shared bathroom

Our rooms have either shared or en-suite bathrooms.

Lavout

Our accommodation varies in layout depending on location: corridorstyle with rooms located along long open floors, house-style with rooms on different floors, or flat-style with rooms grouped together on one floor.

Let lengths

We offer let lengths of between 40 weeks (full academic year) and 51 weeks (includes summer vacation).

Additional requirements

We can make adjustments for additional health or disability requirements and we have couple

or family accommodation options look on our accommodation web pages or contact us.

Costs

Single self-catered rooms cost from £106 to £158 per week, with catered rooms available from £145 to £184 per week (prices are for 2018/19 and may change). Rent is usually paid in three instalments (one per term).

FIND OUT MORE

+44 (0)1904 322165 accommodation@york.ac.uk york.ac.uk/study/accommodation **y** UoYAccomm

SUPPORTING YOUR WELLER SUPPORTING YOUR

MOST OF OUR STUDENTS HAVE A HAPPY, TROUBLE-FREE TIME AT YORK. SOMETIMES YOU MIGHT NEED SOME SPECIFIC ADVICE AND OUR **NETWORK OF SUPPORT SERVICES IS ON HAND** TO HELP

OUR SUPPORT SERVICES

Your college and your supervisor are at the heart of your support network here at York. They will help and advise you or call on other appropriate support services in the University.

College team

Your college team offers support throughout your time at university. College tutors are postgraduate students who live in the college. They provide confidential pastoral care, so if you're experiencing any difficulties there's always someone to talk to. They work closely with the Head and Assistant Head of College and the College Administrator.

Academic supervisor

A member of your teaching department will act as your supervisor throughout your course. They will advise on your academic progress, encourage your personal development and provide pastoral care to support your wellbeing. You'll meet regularly throughout the academic year, so they will be familiar with your academic work and personal interests.

Students' Union

When you need help or support relating to your course or personal matters, professional staff in the Students' Union Advice and Support Centre (ASC) can provide friendly advice services. ASC also runs workshops and drop-ins on wellbeing and welfare.

Student support

At the Student Hub in Market Square, you can talk to Student Advisers about practical matters, such as managing your money, private sector housing, consumer issues, 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 a week before term starts and a special lunch during Welcome Week where you can meet other mature students.

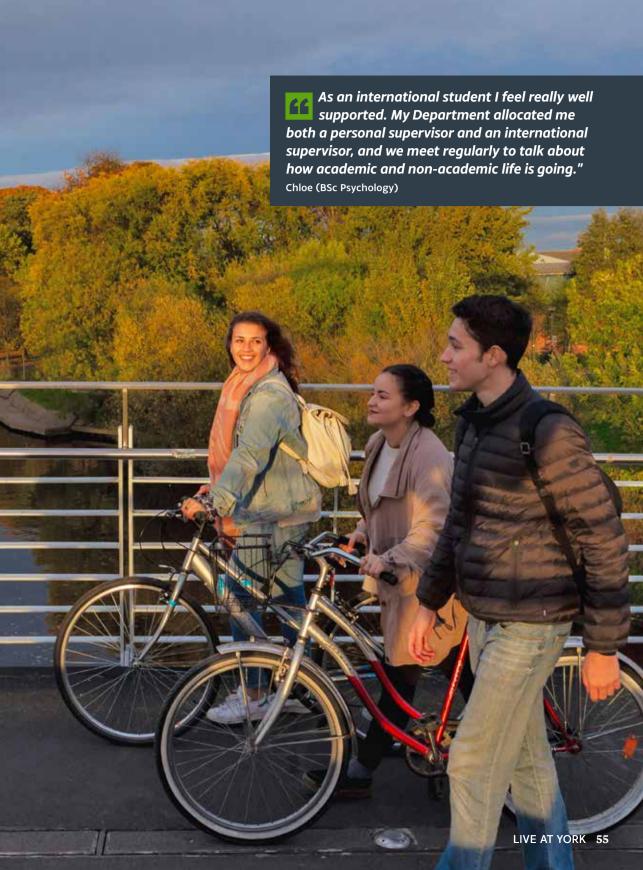
There is an active Facebook group and our web pages are full of useful information.

International students

International students can access dedicated support services including airport collection for September arrival days, our Immigration Advice Service, and orientation and skills development services (see page 35). You can also get to know other international students through the student-run International Students' Association.

Students with caring responsibilities

We are committed to supporting students who are caring for a family member or friend while they're studying. We provide peer support and a named contact. We also have close links with York Carers Centre.





Students who have spent time in care

We offer the support of a named contact both before you get here and during your studies. A Care Leaver's Bursary is available for help with tuition fees and living costs. We also offer flexible accommodation contracts for students who have been in care.

Students with children

Our Family Network helps students with children and their partners to meet, socialise, share information and advice, and have fun.

The Ofsted-registered York Campus Nursery provides childcare on campus for babies and young children and is registered for Early Years Funding for two-, threeand four-year-olds. You'll find information on local schools and additional childcare options on the 'Students with children' web pages.

Open Door and Disability

Open Door is a multi-disciplinary team of mental health professionals providing support to registered students experiencing psychological or mental health difficulties. Our Disability Advisers offer support, advice and guidance to students with a diagnosed disability about reasonable adjustments and access to higher education. This includes students with specific learning difficulties, such as dyslexia and Asperger's syndrome.

Nightline

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

Chaplaincy

The three full-time 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.

Unity Health Centre

The campus-based health centre offers GP appointments, a repeat prescription service and walk-in clinics. You can register online or in person.

The Department is a very close-knit community, and someone is always available to listen and help out — whether it's the Head of Department, your personal supervisor, or a member of support staff."

Alice (BA Sociology)





APPLYING TO YORK

YOUR APPLICATION STEP BY STEP

Choose a course
Explore what's on offer from over 250 undergraduate degrees across arts and humanities, sciences and social sciences (see our subjects on pages 68–219 or

the Programmes Index on page 221).

- Check the typical entry requirements
 Check the qualifications you need for entry to your
 chosen course. It's best to look on the UCAS course
 search as requirements may have changed since this
 prospectus was published. If your first language is
 not English, you can check the English language
 requirements on our web pages (see page 61).
- Come to an Open Day
 Come along to an Open Day or other visit
 opportunity to find out what studying and living
 in York is really like.
- 4 Check application deadlines
 Do your research and prepare early. For applications for Medicine at the Hull York Medical School the deadline is 15 October of the year before your intended year of entry. For all other courses the deadline is 15 January, but we will consider applications received after this date if we still have places available.
- Complete your application
 You will need to complete an online application
 via UCAS either through your school or college or
 independently. Pay special attention to your Personal
 Statement and check our guidance on the website.
 If you are based overseas you might want to use the
 services of one of the University's agents in your
 country (see page 61).
- 6 Next steps
 After you have applied you will receive an acknowledgement of your application. Then you will hear about the next steps from UCAS, our Admissions team or your department. You may be

invited for interview, or we may make you an offer, or we may let you know that your application has been unsuccessful.

If you receive an offer, it will be either conditional on your exam results or other information, or unconditional, which means we don't need any further information from you.

Come to a Visit Day

If you are made an offer you will be invited to a Visit Day (unless you came to the campus for an interview). This is a great opportunity to meet staff and students and will help you make your final university choices. Even if you have already been to an Open Day or another visit, you are welcome to come back, meet us again and take another look at the campus. You can book onto a Visit Day (and also keep track of your application) through our applicant portal You@York. Alternatively, contact the department for further details.

Your reply

When you have heard from all your university choices, you have to make your firm and insurance choices. Follow the UCAS guidance and the advice from your school or college on how to make these choices. The deadline for doing this varies depending on when you receive your offers: make sure you know when the deadline is for your responses. UCAS deadlines are published on their website (see page 61).

Apply for accommodation

After you have chosen York as your firm or insurance choice, you can let us know your accommodation preferences through our online accommodation system. We will let you know the date in May when the system opens.

Pack your bags!
Come to York for the start of the academic year.
Check out page 232 for our term dates.



Entry requirements

To make sure you are suitably prepared for your chosen course, we consider your academic qualifications, Personal Statement, academic reference and any additional relevant experience.

Look up the subjects and grade requirements on pages 68–219 of this prospectus and on the UCAS course search pages. Remember that the most up-to-date information will be online.

We consider applicants with a wide range of UK and international entry qualifications. Visit our country web pages to see what qualifications we accept from your country.

We offer international foundation programmes to prepare overseas students for undergraduate study and foundation years for some degree courses.

If you are returning to education and are over 21, you may not need to have the same academic qualifications as school-leaving applicants.

However, in addition to work or subject expertise, you may wish to gain experience of recent study.

You can study part-time for credit with our Centre for Lifelong Learning.

You can find York's admissions policy on our website.

Taking a gap year

All departments are willing to consider applications for deferred entry in 2020. If your plans change after you have applied and you would like us to reconsider your application for an alternative year of entry, let us know as soon as possible.

English language requirements

If your first language is not English you will need to provide evidence of your written and spoken English language ability. We will consider qualifications that provide sufficient evidence of your ability to use English in an academic setting at degree level, such as IELTS. Details of tests and grades accepted for entry are on our website.

Our on-campus International Pathway College also offers a selection of Pre-Sessional English language programmes to help students prepare for their degree. Once you've accepted your offer you can apply for these via our applicant portal You@York.

Some students whose first language is not English may have taken qualifications which will substitute for an English language test score. If you want to know if this applies to you, contact the Admissions team – details are given in the Find Out More box (below right).

Widening participation

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, residential events for young people from all backgrounds and 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.

York Access Scheme

Our access scheme helps applicants who have faced challenges – social, personal or educational – which may have affected their performance in education. It allows you to provide additional information alongside your UCAS application.

Need additional support?

We are committed to providing an accessible environment for students with additional needs arising from a long-term medical condition, disability, mental health difficulty, or specific learning difficulty, such as dyslexia or dyspraxia.

We advise you to indicate any additional needs in your UCAS 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.

2019 ENTRY DEADLINES

15 OCTOBER 2018

This is the closing date for applications for Medicine to the Hull York Medical School.

15 JANUARY 2019

This is the deadline for equal consideration for all other courses. We will consider applications for courses through UCAS after this deadline if places are still available.

FIND OUT MORE

Admissions team

+44 (0)1904 324000 ug-admissions@york.ac.uk york.ac.uk/ug-apply

UCAS deadlines

ucas.com/ucas/undergraduate/ apply-and-track/key-dates

york.ac.uk/ug-application-timeline

Country-specific information york.ac.uk/your-country

Your Personal Statement *york.ac.uk/ug-personal-statement*

Entry requirements york.ac.uk/ug-entry-requirements

Subject and grade requirements york.ac.uk/uq-courses

International foundation pathways york.ac.uk/international-pathways

Returning to education york.ac.uk/lifelonglearning/credit

Admissions policy york.ac.uk/uq-admissions-policy

English language requirements york.ac.uk/uq-language-requirements

Pre-sessional English courses *york.ac.uk/ug-pre-sessionals*

Widening participation york.ac.uk/schools-and-colleges

York Access Scheme york.ac.uk/access-scheme

Disability

york.ac.uk/students/support/disability



FUNDING **YOUR STUDY**

TUITION FEES, LIVING COSTS AND FUNDING

Your fee status

Your fees cover the cost of your tuition, registration and exams. Living costs including accommodation are a separate cost (see page 65). There are different fee levels for UK/EU and overseas students. Your status determines the level of fee you will be asked to pay, as well as your access to bursaries and other support.

If you have any questions about your fee status at York, please refer to the web page given in the Find Out More box on page 65.

UK/EU tuition fees

Fees for 2018 entry to York and the Hull York Medical School will be £9,250 per year for UK/EU students. Fees for 2019 entry are subject to government approval and will be announced on our website as soon as possible.

Funding support

You can find information on our website about scholarships and bursaries, as well as loans and support packages to help with tuition fees and living expenses. See the website for more details.

UK/EU student loans

Taking out a loan

All first-time UK/EU undergraduates can apply for a tuition fee loan to cover their tuition fees in full, as well as a maintenance loan towards living costs. If you take out a tuition fee loan you won't have to pay fees up front or during your time at university.

Use the UK government's student finance calculator to estimate your student loan, and to check whether you can apply for any extra funding.

Paying back a loan

Currently you don't have to begin repaying your loan until you're earning over £21,000 per year. At that point you start paying back nine per cent of your earnings above the £21,000 threshold. For example, a person with an income of £25,000 will repay £30 a month. We expect the threshold to change to £25,000. Please check the Student Loans website for details.

If you are a student from Scotland, Wales or Northern Ireland, you should contact your relevant education authority for details of available student financial support.

Island tuition fees

For students from the Isle of Man and Channel Islands, tuition fees for 2018 entry to the University of York and Hull York Medical School will be £9.250. Fees for 2019 entry will be announced on our website as soon as possible.

Funding support

You should contact your relevant education authority for details of available student financial support.

Overseas tuition fees

Overseas tuition fees depend on whether the course is laboratoryor classroom-based. For the 2018/19 academic year, international undergraduate tuition fees will range from £16,620 to £20,910 per year (excluding Medicine). The University sets its own overseas fees and will decide on these for 2019 entry in late 2018. See the website given in the Find Out More box on page 65 for more information on overseas fees.

Funding support

The University offers a range of scholarships for outstanding international students based on academic merit for which there may be specific application deadlines. See the website given in the Find Out More box on page 65 for details.

YORK GRADUATE LOYALTY DISCOUNT

Once you've completed an undergraduate degree at York, you qualify for the York Graduate Loyalty

You'll get 10% discount on the tuition fee of your chosen Masters course at York.





Some academic departments also offer scholarships for international students. Check the department's web page for details.

Look up external funding programmes for international students through organisations such as the Commonwealth Scholarship Commission in the United Kingdom. Check our website for any funding opportunities provided by your country.

Paying your fees

UK/EU students in receipt of the Tuition Fee Loan from the UK Government will have their loan paid directly to the University. If you are paying your tuition fees yourself or are an overseas 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 will need a budget of between £7,625 and £9,665 per year, depending on what type of accommodation you choose and its location. Please see page 52 and the Living Costs web page for further details.

WHAT SHOULD YOU BUDGET FOR?

- Accommodation (if you live away from home)
- Food and toiletries
- Course costs (books, stationery, photocopying, equipment)
- Local transport costs
- Transport from your home to York
- Insurance (if not living in University accommodation)
- Laundry
- Any additional field trip costs
- Social life, sport and entertainment

- Utility bills (sometimes payable in private accommodation)
- Mobile phone
- TV licence

You can make your budget go further by using your bike or the free campus hopper bus to get around, using your University Card in campus and city shops and York Sport Village, and making the most of student nights in the city. If you are living at home. check the cost and availability of daily travel to the University.

FIND OUT MORE

Your fee status

vork.ac.uk/studv/underaraduate/ fees-funding/fee-status

Student loans

slc.ac.uk

Funding support for UK/EU students

Funding, our scholarships and bursaries, maintenance grants, loans and support packages york.ac.uk/study/undergraduate/ fees-funding/uk-eu

Student finance calculator

The UK government's student finance calculator for estimating your student loan, and applying for grants and extra funding gov.uk/student-finance-calculator

International students

Fees, entry requirements, funding opportunities york.ac.uk/study/undergraduate/ fees-funding/international

Living costs

vork.ac.uk/study/undergraduate/ fees-funding/living-costs

Additional field trip costs

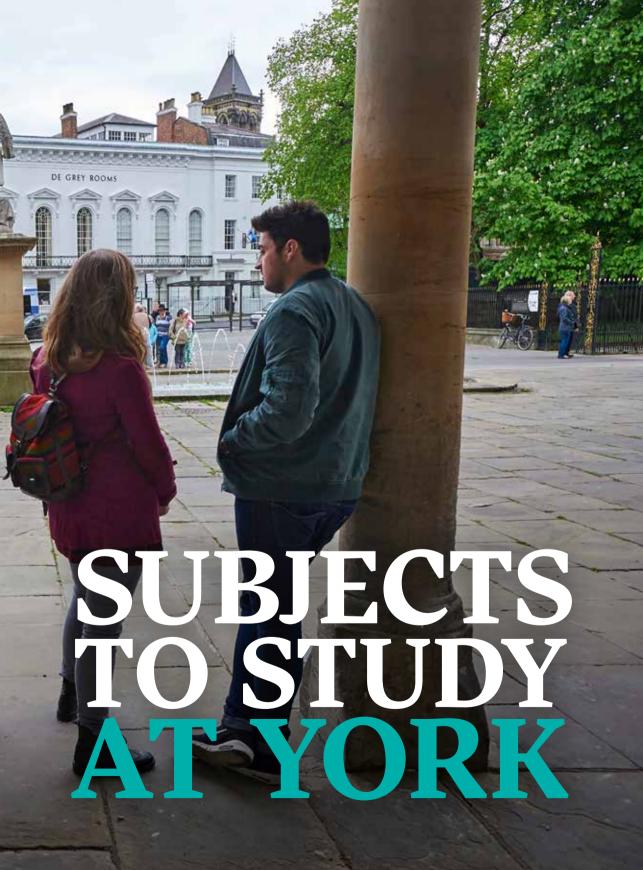
Department web pages give details of any additional course-related costs

Funding

york.ac.uk/ug-funding

york.ac.uk/ug-overseas-funding york.ac.uk/hyms/fees-and-funding





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



- Consistently ranked in the top ten in major UK university league tables*
- Ranked 11th in the world for Archaeology**
- Scored 96% for student satisfaction***
- 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

York was the only course that incorporated an excavation module into the first year. I was lucky enough to excavate at the renowned Mesolithic site of Star Carr, which has excellent preservation of lithics and organic material."

Izzy (BSc Archaeology, 2nd year)

^{*} Guardian University League Table 2018 and Complete University Guide 2018

^{**} QS World University Rankings 2017

^{***} National Student Survey 2017

ARCHAEOLOGY PROGRAMMES

BA (Hons) Archaeology	V400
BSc (Hons) Archaeology	V402
BA (Hons) Historical Archaeology	V401
BSc (Hons) Bioarchaeology	V403
BA (Hons) Archaeology and Heritage	V404

Natural Sciences: see page 167

Optional Study Abroad and Placement Year opportunities available for all programmes

Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Dr Penny Bickle

Telephone +44 (0)1904 323903

Website

vork.ac.uk/archaeoloav

Fmail

archaeology@york.ac.uk

2017 Applications 372 2017 Admissions 75

TYPICAL OFFERS

A levels ABB/BBB **IB Diploma Programme** 34/31 points

BTEC Extended Diploma DDM

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

UCAS

For V403, a science at A level or equivalent

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 5.5 in all units

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. The Department consistently ranks highly in the annual league tables. We are also 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. 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 PROGRAMMES

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, our relationship with other disciplines 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.

In your second year you begin to specialise, choosing from a wide range of option modules in prehistoric and historical archaeology. These modules explore how themes such as power, identity, memory, symbolism and social relationships were expressed in different time periods and cultures. You also get a chance to explore archaeology at a global scale, from Europe to Ancient Egypt to the New World. The second year also gives you the opportunity to develop your practical and 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. Like our seminar and workshop modules, the dissertation also provides you with a wealth of transferable communication, presentation and management skills, which feed into the development of your employability and any work and volunteer experience you undertake outside the classroom.

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

I was attracted to Archaeology at York because of the variety of the programme - from the broad overview in the first year to the choice of specialist modules as the course progressed. 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 quidance."

Rebecca (BA Historical Archaeology, 3rd year)

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 also make use of the archaeological and historical resources on our doorstep. Site visits in York and Yorkshire are an integral part of all our degrees.

STUDY ABROAD

The Department offers opportunities to study abroad in the second year, through departmental initiatives or through University schemes (see Global Programmes for details: york.ac.uk/globalyork).

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 69. 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

and cover a wide range of employers, such as:

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

Biochemistry

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



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)

- 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

BIOCHEMISTRY PROGRAMMES

BSc (Hons) Biochemistry	C700
MBiochem (Hons) Biochemistry (4 year)	C706

Optional Study Abroad and Year in Industry opportunities available for both programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutors

Professor Anthony Wilkinson Dr Setareh Chong

Telephone

+44 (0)1904 328548

Website

york.ac.uk/biology

Email

biol-admissions@york.ac.uk

2017 Applications 498 2017 Admissions 53

TYPICAL OFFERS

A levels AAA/AAB IB Diploma Programme

36/35 points including HL 6 in essential subjects

BTEC Extended Diploma

DDD in BTEC Level 3 Extended Diploma in Applied Science or Extended Diploma in Applied Science (Medical Science). For optional units accepted, see Department website

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

UCAS

Chemistry and either another science or Mathematics at A level or equivalent

Offers exclude **General Studies**

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.

OUR PROGRAMMES

BSc Biochemistry

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

MBiochem Biochemistry

Our four-year integrated Masters programmes 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 programme, 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

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 Chemistry and Disease, and the lab work."

Emily (BSc Biochemistry, 3rd year)

York supervisor while on placement. Students 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 programme.

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
 - In Year 2, provisional compulsory modules are:
- Protein Structure and Function
- Molecular Biology, Biotechnology and Bioinformatics
- Biophysical Chemistry
- Cell Biology
- Laboratory and Professional Skills for Bioscientists
 Taught elements cover the design and interpretation of experiments, and advanced biochemical methods.

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
- take six option modules covering areas of contemporary scientific importance, such as Advanced Topics in Molecular Biology, Biological Macromolecules as Machines. Chemistry and Disease. Molecular Recognition, Cancer Cell and Molecular Biology, Genes and Development, Immunology and Infectious Diseases
- take Biochemical Skills 3 which focuses on problemsolving skills, writing an extended open essay dissertation, developing a deeper appreciation of the application of scientific methods, and learning how to read and appreciate the scientific literature

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

TEACHING AND LEARNING

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

STUDY ABROAD

As an alternative to the year in Europe described on page 75, it may be possible to spend your second year at a university in North America, Asia or Australia (see Global Programmes for details: york.ac.uk/qlobalyork). Since the year abroad replaces the second year at York, you would graduate from York after three years.

ASSESSMENT

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

ADMISSIONS

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

We require A level or equivalent in Chemistry and another science or 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:

Astra7eneca

Research

- NHS
- Environment Agency
- Reckitt and Benckiser
- Institute of Cancer
- Smith and Nephew

Biology

One of the UK's leading biology departments, housed in state-of-the-art facilities, offering you excellent teaching inspired by world-class research



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)

- Consistently ranked in the top ten for the study of biological sciences
- First in the UK for research impact*
- Opportunity to spend a Year in Industry or abroad
- All our courses are professionally accredited by the Royal Society of Biology
- £22m invested in our state-of-the-art teaching facilities

^{*} Times Higher Education's ranking of the Research Excellence Framework 2014

BIOLOGY PROGRAMMES

	UCAS
BSc (Hons) Biology	C100
MBiol (Hons) Biology (4 year)	C105
BSc (Hons) Molecular Cell Biology	C130
MBiol (Hons) Molecular Cell Biology (4 year)	C135
BSc (Hons) Genetics	C400
MBiol (Hons) Genetics (4 year)	C405
BSc (Hons) Biotechnology and Microbiology	CJ57
MBiol (Hons) Biotechnology and Microbiology (4 year)	CJ54
BSc (Hons) Ecology	C180
MBiol (Hons) Ecology (4 year)	C185
Biochemistry: see page 73	
Biomedical Sciences: see page 84	
Natural Sciences: see page 167	

Optional Study Abroad and Year in Industry opportunities available for all programmes

Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutors

Dr Ville Friman Dr Thorunn Helgason

Telephone

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Website

york.ac.uk/biology

Email biol-admissions@york.ac.uk

2017 Applications 1,246 **2017 Admissions** 178

TYPICAL OFFERS

A levels AAA/AAB

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

BTEC Extended Diploma

DDD BTEC in Level 3 Extended Diploma in Applied Science or Extended Diploma in Applied Science (Medical Science). For optional units accepted, see Department website

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

11010

Biology and a second science at A level or equivalent (see page 83 for acceptable science subjects) Offers exclude **General Studies**

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 6.0 in all units

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

The Department is recognised for the quality of both its teaching and its research. In the 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 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 programmes ensure a highly supportive learning environment. Our students particularly value the regular close contact that they have with members of staff in our well-developed tutorial system. As well as providing the opportunity to explore areas of special interest, tutorials encourage you to adopt a critical approach to a wide range of problems. Throughout the programme you will receive excellent training in transferable skills such as presentation 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 staffstudent 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 PROGRAMMES

We offer programmes 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 programmes (MBiol). It is also possible to add either a Year in Industry or a year in Europe to either option.

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

BSc/MBiol Biology

A flexible broad-based biology degree programme 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 and organismal processes, and acting as the link between generations. The course ranges from molecular studies of genes through human genetics to the genetics of populations and evolution. 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 of 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 programmes

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

Adding a Year in Industry

All our programmes can be taken with an optional extra year spent gaining research experience in an industrial or research institute laboratory (between the second and third year of the selected programme).

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.

Students are not guaranteed a placement, but the Department will do all it can to help provide a suitable placement. Students who are not successful in obtaining a placement will continue on the appropriate BSc or Masters programme.

Adding a year in Europe

For all of our programmes 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 the selected programme. 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 selfconfidence.

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. 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.

York stood out for me because there was the opportunity to tailor a 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 bacteriophage to humans, and examines gene expression through the processes of transcription and translation. Gene mutations and chromosome aberrations are considered in the context of human genetics and disease, and in terms of their significance in evolution.
- Microbiology reveals how knowledge of the biology of various 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

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 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. The second year Ecology programme includes a field trip to Tanzania or the North York Moors. These trips are paid for by the Department, apart from transport costs which the student will need to fund. 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
- Conservation, Climate Change and Biodiversity
- Ecology field course
- Genes and Development
- Human and Medical Genetics
- Immunology and Infectious Diseases
- Molecular Recognition

You can 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, seminars, tutorials, practicals, projects and fieldwork.

Lectures offer a stimulating perspective on a subject and encourage you to study further. Some modules incorporate student-led seminars based on recent research papers or topics of current scientific interest.

Tutorials are one of the most popular and distinctive aspects of our programmes, and they provide an opportunity for 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 and 'designer' babies, through DNA fingerprinting, to contemporary issues such as the use of GM crops and transgenic animals.

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 programme 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 PCR, sequence analysis and cell culture, and you will be introduced to the way in which biological discoveries are developed into commercial applications.

STUDY ABROAD

Studying in Europe

Our four-year year in Europe programmes offer the opportunity to study at a university in France, Germany, Spain or Denmark (see page 80).

Studying further afield

If you are interested in spending some time overseas during your degree, the University offers a number of opportunities to take part in exchange programmes outside Europe (see Global Programmes for details: york.ac.uk/globalyork).

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

International students

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 skill.

WHAT OUR GRADUATES DO

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

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

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

Recent graduate employment examples include:

- clinical research specialist
- graduate ecologist
- nutritional assistant
- project manager
- scientific copy-editor
- trainee patent attorney

and cover a wide range of employers, such as:

- AstraZeneca
- **Environment Agency**
- Institute of Cancer Research
- Reckitt and Benckiser
- Smith and Nephew

Biomedical Sciences

Our exciting degree programme will equip you with the skills and knowledge of the science underpinning medicine



- Consistently ranked in the top ten for the study of biological sciences
- Collaborative disciplines that offer outstanding teaching by world-class researchers
- Excellent teaching facilities including state-of-the-art laboratories
- 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)

BIOMEDICAL SCIENCES PROGRAMMES

BSc (Hons) Biomedical Sciences	C900
MBiomedSci (Hons) Biomedical Sciences (4 year)	C903

Optional **Study Abroad** and **Year in Industry** opportunities available for both programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutors

Dr Paul Prvor Dr Antje Kuhrs

Telephone

+44 (0)1904 328548

Website

york.ac.uk/biology

Email

biol-admissions@york.ac.uk

2017 Applications 650 2017 Admissions 64

TYPICAL OFFERS

A levels AAA/AAB

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

BTEC Extended Diploma

DDD in BTEC Level 3 Extended Diploma in Applied Science or Extended Diploma in Applied Science (Medical Science). For optional units accepted, see Department website

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

UCAS

Biology and Chemistry at A level or equivalent Offers exclude General Studies

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 6.0 in all units

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

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

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

OUR PROGRAMMES

BSc Biomedical Sciences

The three-year programme focuses on topics relating to medicine and human health taught from the bioscience angle and is informed by current research and scholarship in the biomedical sciences across the University of York. The programme has many Biomedical Sciences-specific modules arising from expertise in the participating departments and additionally draws upon outstanding relevant modules in Biology. Skills modules and research projects are also taught across multiple departments.

It should be noted that our degree is distinct from accredited Biomedical Sciences programmes that provide training for NHS-based technical careers, but the degree is accredited by the Royal Society of Biology.

MBiomedSci Biomedical Sciences

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

Both BSc and MBiomedSci degrees can have an extra year added to the programme.

Adding a Year in Industry

The additional year is spent gaining (often paid) biomedical research experience. Students can apply to be placed with 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 while on placement.

Students 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 programme.

Adding a 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. This scheme is independent of any bilateral exchange agreements, so there will be a 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 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 In the second year, provisional compulsory modules are:
- Pathology of Human Disease
- Pharmacology
- Immunology and Infection
- Research Skills and Tutorials

I'm especially interested in human biology, and Biomedical Sciences at York appealed because of the Department's impressive academic reputation and its high student satisfaction results. The staff are knowledgeable and very approachable, and I really enjoy the lab work. Lectures are tailored just for Biomed students."

Carlotta (BSc Biomedical Sciences, 1st year)

Provisional optional modules include:

- Molecular Genetics and Development
- Molecular Biology, Biotechnology and Bioinformatics
- Neuroscience
- Cell Biology

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 six 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 Translational Medicine, Advanced topics in Neuroscience, Immunology and Infectious Diseases, 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, 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 usually make offers based on information in the UCAS form and then invite applicants to visit York. During your visit you will have a chance to tour the departments and the campus, and meet with staff and current students.

We require A level Biology and Chemistry. We also welcome applicants with other equivalent qualifications.

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 skill.

STUDY ABROAD

It may also be possible to spend your second year at a university in North America, Asia or Australia (see Global Programmes for details: york.ac.uk/qlobalyork). Since the year abroad replaces the second year at York, you would graduate from York after three years.

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 (eg NHS, pharmaceutical companies). In addition, transferable skills acquired on the course open up other relevant careers including patent law, public health policy and education, and scientific writing.

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

Chemistry

Share our excitement and enthusiasm for Chemistry, while benefiting from our professional facilities, innovative teaching and supportive atmosphere



- Consistently ranked as a top ten Chemistry department in UK university league tables
- Scored 95% for student satisfaction*
- Commitment to women in science the longest held Athena SWAN Gold award
- Over £29m invested in professionalstandard facilities, including teaching laboratories
- Small group teaching delivered by award-winning academics

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 quidance with the more difficult aspects of the work."

Lee (MChem Chemistry, 3rd year)

^{*} National Student Survey 2017

BSc (Hons) Chemistry	F100	MChem (Hons) Chemistry, the Atmosphere and the	
MChem (Hons) Chemistry		Environment with a year abroad (4 year)	F143
with a year abroad (4 year)	F101	MChem (Hons) Chemistry, the Atmosphere and t	the
MChem (Hons) Chemistry	······································	Environment with a Year in Industry (4 year)	F144
with a Year in Industry (4 year)	F102	MChem (Hons) Chemistry, the Atmosphere and t	the
MChem (Hons) Chemistry		Environment with a year in York (4 year)	F145
with a year in York (4 year)	F103	BSc (Hons) Chemistry, Biological and Medicinal	
BSc (Hons) Chemistry, Green Principles and Sustainable Processes		Chemistry	F152
		MChem (Hons) Chemistry, Biological and Medicinal	
MChem (Hons) Chemistry, Green Principles and		Chemistry with a year abroad (4 year)	F153
Sustainable Processes with a year abroad (4 year)		MChem (Hons) Chemistry, Biological and Medici	nal
MChem (Hons) Chemistry, Green Principles and Sustainable Processes		Chemistry with a Year in Industry (4 year)	F154
		MChem (Hons) Chemistry, Biological and Medici	nal
with a Year in Industry (4 year)	F192	Chemistry with a year in York (4 year)	F155
MChem (Hons) Chemistry, Green Principles and Sustainable Processes with a year in York (4 year) BSc (Hons) Chemistry, the Atmosphere and the Environment		Natural Sciences: see page 167	
		Optional Study Abroad opportunities available for all programmes	
		Courses are three-year programmes unless otherwise stated	

KEY FACTS

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york.ac.uk/chemistry

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2017 Applications 1,179 2017 Admissions 199

TYPICAL OFFERS

A levels A*AA/AAB

IB Diploma Programme

37/35 points including HL 6

in essential subjects

BTEC Extended Diploma D*DD (only acceptable in conjunction with other qualifications)

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

Chemistry A level at A grade, or equivalent Another science subject or Mathematics is preferred Offers exclude General Studies GCSE grade B/5 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.

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

CHEMISTRY AT YORK

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

The Department provides students with:

- a supervisor who oversees academic progress and personal welfare
- a teaching programme which ensures a highly supportive learning environment
- lectures supported by small group tutorials and workshops
- state-of-the-art research facilities (as part of a £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)

- a wide choice of chemistry-related option modules
- an excellent record of industrial placements (51 for 2017/18)
- a flexible programme 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 2017 survey, we had the best score among all Russell Group universities in seven of the nine sections of the survey.
- We 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 2014 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 PROGRAMMES

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

Our programmes are based on a modular system with a range of flexibility and choice, while ensuring you graduate as a fully qualified chemist. All of our 16 degree programmes are accredited by the Royal Society of Chemistry. The structure of the programme is such that decision making is left as late as possible to give you ample opportunity to consider your choices for the future.

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

Our programmes are designed to allow you to specialise. Whatever programme you decide to apply for, we emphasise three things: any decision on an area of specialisation that you make at this stage is only a

provisional one: you will not have to make a final choice of options for a given year until the 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 programme, enabling you to learn about all aspects of modern chemistry. but also giving you the opportunity to specialise in areas of your choice through option modules. The modules cover a wide range of topics, eg Catalysis 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 programmes 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 programme builds on your core Chemistry modules to give you the opportunity to learn about the chemical basis of the environment and how we impact upon it, eg modules in Dynamic Earth: 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. Any fieldwork costs are 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 programme is supplemented by practical work and a series of ancillary courses, taught by Chemistry staff, which cover related topics in Mathematics, Physics and Biology (for students who 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 programmes. 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 programmes 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 programme carry out research-based work, whereas MChem students take an advanced practical project designed to further the skills needed in a research environment.

The major component for MChem students in Year 4 is a research project undertaken at York, in one of our partner institutions abroad, or as part of a year spent in industry - if you spend a Year in Industry, the company normally pays you a salary. 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 four or five for some option modules. Forming an important part of our programmes, weekly tutorials and/or workshops (in Years 1-3) develop a wide range of skills from problem solving to essay 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.

Year	Core Chemistry	Additional studies
1	Topics include: Principles of Atomic Structure and Bonding Modern Spectroscopic and Analytical Techniques Fundamental Principles of Inorganic and Organic Chemistry Mathematics and IT for Chemistry Kinetics and Thermodynamic Aspects of Chemistry	Skills programmes in chemical aspects of Mathematics, Biology and Physics for students who require support in these areas, such as those who have not taken these topics at A level or equivalent
2	Topics include: Organometallic Chemistry Excited States and Photochemistry Structure, Bonding and Reactivity in Transition Metal Chemistry Symmetry and Its Applications in Chemistry Organic Synthesis Biological Chemistry	Option modules currently include: The Material World: Chemistry and Applications Green Chemistry and Sustainable Manufacturing Dynamic Earth: Origins, Evolution, Biogeochemistry and Climate Genes to Proteins
3	Topics include: Synthetic Frontiers of Inorganic Chemistry and Ligand Design Supramolecular and Nanoscale Chemistry Electronic Properties of Materials Asymmetric Synthesis in Organic Chemistry Dynamic Electrochemistry Advanced NMR Spectroscopy Pericyclic Reactions Computational Chemistry Materials and Nanoparticles Fundamentals of Magnetic Resonance	Option modules currently include: Reaction Intermediates and Mechanisms Catalysis with Green Technologies Atmospheric Chemistry Chemistry and Disease MChem only Synthesis - From Nature to the Lab Chemical Biology and Molecular Interactions Chemical Theory and Computation Analytical and Forensic Chemistry Bioinspired Chemistry Lasers in Chemistry MChem Advanced practical techniques, spectroscopy and group exercises
4	100 credits in total for the year Research project at York or a university abroad or in industry	Open Learning Options (20 credits) currently include: Advanced Inorganic Chemistry Advancements in Green Chemistry Environmental Mass Spectrometry Contemporary Organic Chemistry

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 (currently 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 a crime-scene investigation using forensic methodology. 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 an NMR) and chromatographic apparatus to identify and analyse compounds (we have invested

around £400.000 in new instrumentation over the past five years). In practical classes, academic staff and postgraduate students supervise students.

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

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

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

We have developed our own online resources to support the teaching of introductory skills in practical chemistry 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 programme 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) programme, the project will be undertaken in one of our research laboratories, where you will have the chance to work alongside graduate students and you will have access to the state-of-the-art laboratories and instrumentation that the Department has to offer.

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

STUDY ABROAD

Studying abroad during your Chemistry degree will not only enrich your education by giving you direct experience of living in another culture, it will also prepare you for a career in a competitive and global job market. Our student exchanges bring students from other universities to York, and currently provide you with the opportunity to apply to spend an academic year in Australia, Belgium, Canada, Finland, France, Germany, India, Italy, Japan, New Zealand, Singapore, Spain or the USA. We have links with top academic institutions and the Department also continues to explore other possible exchanges.

ASSESSMENT

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

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

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

^{*}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 also receive a Teaching Package free of charge, which includes lab specs, a lab coat, a full set of laboratory equipment, lecture handouts for all courses, a molecular model set, affiliate membership of the RSC for one year, a Chemistry data book, detailed laboratory scripts, a copy of our Year 1 recommended textbook and membership of York ChemSoc for one year. The Department currently offers at least 15 vacation research bursaries, for our first and second year students. This helps our students further their practical skills and develop their research interests, and experience life in research labs.

ADMISSIONS

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

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

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 three ways:

 If you've visited us on an Open Day and applied to study at York, we'll invite you to a post-offer visit day,

- meaning you have another opportunity to visit us before making your decision
- If you've never visited us, but you've applied to study at York, we'll 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
- If you've missed the main University Open Days. you can attend a pre-application visit day over the summer, where you can see the department, teaching facilities and meet our staff. You can find out more about our pre-application visit days at vork.ac.uk/chemistry/undergraduate/visitdays

You may also be interested in downloading our undergraduate admissions app: Chemistry@York, which is free to download for Android and iPhone.

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 84 per cent of our 2016 graduates were in graduate-level employment and/or pursuing further study six months after graduation.** York Chemistry graduates who completed a Year in Industry (course F102) were earning £24,000 an average six months after graduating, while the average in the UK for those taking a similar course was £20.000.**

Recent graduate employment examples include:

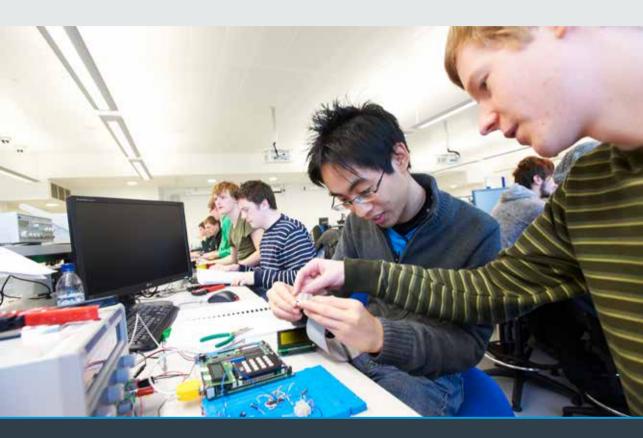
- chemistry technician patent attorney
- business development manager
- analytical chemist
- web developer
- energy analyst

and cover a wide range of employers, such as:

- GlaxoSmithKline
- Reckitt Benckiser
- **Royal Society** of Chemistry
- Babcock KPMG
- Unilever
- **Destinations of Leavers from Higher Education survey 2015/16 (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



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)

- 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

COMPUTER SCIENCE PROGRAMMES

	UCAS
BEng/BSc (Hons) Computer Science	G400
BEng/BSc (Hons) Computer Science with a Year in Industry (4 year)	G401
MEng (Hons) Computer Science (4 year)	1102
MEng (Hons) Computer Science with a Year in Industry (5 year)	I103
MEng (Hons) Computer Science with Artificial Intelligence (4 year)	G4G7
MEng (Hons) Computer Science with Artificial Intelligence with a Year in Industry (5 year)	G4GR
MEng (Hons) Computer Science with Cyber Security (4 year)	II10
MEng (Hons) Computer Science with Cyber Security with a Year in Industry (5 year)	1111
MEng (Hons) Computer Science with Embedded Systems Engineering (4 year)	G412
MEng (Hons) Computer Science with Embedded Systems Engineering with a Year in Industry (5 year)	G413
BSc (Hons) Computer Science/Mathematics (Equal)	GG41
BSc (Hons) Computer Science/Mathematics (Equal) with a Year in Industry (4 year)	GGK1
MMath (Hons) Mathematics/Computer Science (Equal) (4 year)	GG14
MMath (Hons) Mathematics/Computer Science (Equal) with a Year in Industry (5 year)	GG1K

Optional Study Abroad opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Dr William Smith

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Website

york.ac.uk/computer-science

Email

cs-uq-admissions@york.ac.uk

2017 Applications 1,001 2017 Admissions 174

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 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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

11010

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

GCSE Physics or Double Science or Science and Additional Science at grade C/4 or above

at grade C/4 or above

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 6.0 in all units

STUDYING COMPUTER SCIENCE

Computer Science is arguably the most impactive 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. 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

The Department of Computer Science at York is one of the most highly regarded in the UK. In the most recent Research Excellence Framework assessment, 90 per cent of the Department's research activity was rated as 'world-leading' or 'internationally excellent'.

As a successful York Computer Science graduate, vou 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 95 per cent were in professional graduate level work or further study within six months of graduating. On average, our students earned salaries more than £26,000 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 2015/16 (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 three degree courses that specialise in Artificial Intelligence, Cyber Security or Embedded Systems Engineering.

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

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

Computer Science with a specialism

All 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 Embedded Systems Engineering, a four-year integrated Masters course

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

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 152.

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. Our Computer Science MEng courses are eligible for full accreditation by the Institution of Engineering and Technology (IET) and by the British Computer Society (BCS), while BEng courses carry partial accreditation. All of our courses, except our combined courses with Mathematics, carry accreditation by both institutions.

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 programmes with an industrial placement are not guaranteed a placement but the Department will do all it can to find a suitable

Computer Science is often software-centric, but I like how York balances this with a focus on hardware. My first year highlight was the Raspberry Pi Challenge in which each student was given a Raspberry Pi single board computer to put to an innovative use. I created a near field communication system so people could use their phones as locker keys. The Department ethos is first class: informal but hard-working."

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

placement. Students who are not successful in obtaining a placement will be transferred to the standard programme.

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:

- Programming Theory and Practice
- Devices and Systems
- Mathematics for Computer Science
- **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.

STUDY ABROAD

The University runs an overseas exchange scheme, where you can apply to spend a year studying in North America, South Africa, Asia or Australia. The year abroad replaces the corresponding year of your degree programme at York, and the marks obtained abroad count towards the classification of the York degree. The Centre for Global Programmes manages and co-ordinates incoming and outgoing study abroad opportunities for York students. Further information on the worldwide programme is available at york.ac.uk/ globalyork.

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 form, 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, a decision will be made based on your application.

Mature applicants

The Department welcomes applications from mature candidates. However, you will still need a high-level qualification in Mathematics. 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 recent destination survey of graduates with Computer Science degrees has shown that nearly 95 per cent of our employed graduates go into professional or managerial positions within six months of graduating.*

Recent graduate employment examples include:

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

and cover a wide range of employers, such as:

- Bloomberg
- European Space Agency
- Frontier Developments
- IBM
- Sky
- Sophos

*Destinations of Leavers from Higher Education survey 2015/16 (HESA) (UK full-time students)

Economics and Related Studies

Economics at York is a large, diverse and international department, with a distinguished and stimulating environment for research and study



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)

- 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

^{*} Times Higher Education's ranking of the Research Excellence Framework 2014

ECONOMICS PROGRAMMES

	UCA3
BSc (Hons) Economics	L100
BSc (Hons) Economics and Finance	L112
BSc (Hons) Economics and Econometrics	L144
BSc (Hons) Economics, Econometrics and Finance	L124
BA (Hons) History/Economics (Equal)	VL11
BSc (Hons) Economics/Mathematics (Equal)	LG11
BSc (Hons) Mathematics/Finance (Equal)	GL11
Combined programmes in the School of Politics, Economics and Philosophy: see page 193	
BA (Hons) Economics/Philosophy (Equal)	LV15
BA (Hons) Economics/Politics (Equal)	LL12
BA (Hons) Philosophy, Politics and Economics	L0V0

Optional Study Abroad and Placement Year opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor

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Website

york.ac.uk/economics

Email econ-ug-admissions@ york.ac.uk

2017 Applications 999 **2017 Admissions** 180

TYPICAL OFFERS

A levels AAB AAA for VL11, LG11, GL11 See page 194 for the School of PEP

IB Diploma Programme 35 points with a minimum grade of 6 in three Higher level subjects (may vary for

BTEC Extended Diploma DDD (may vary for combined programmes)

combined programmes)

Other qualifications

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

Mature students We consider applications

from mature students alongside all other applications

ESSENTIAL SUBJECTS

ΠΟΔς

Mathematics A level grade B or equivalent **History and Mathematics** for VL11 See page 194 for the School of PEP

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 6.0 in all units

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. It includes economists, econometricians. statisticians and economic historians. Our undergraduates come from many different backgrounds and from all parts of the UK and abroad. Our 2017 National Student Survey scores are some of the highest of the research-intensive universities. Among Russell Group Economics departments, York is ranked top for

Assessment and Feedback, top for Academic Support, and second for Overall Satisfaction with an approval rating of 91 per cent.

In the Times Higher Education's ranking of the most recent Research Excellence Framework assessment, the Department was joint eighth for the impact of its research. 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 Years 2 and 3 of each degree. Our research ranking 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.

Students in the Department also have the opportunity of studying abroad. The University's exchange schemes allow some students to spend part or all of (normally) their second year at one of a number of other universities in Australia, North America and Asia.

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

OUR PROGRAMMES

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

WHAT YOU STUDY

Our programmes begin with a broad and well-structured first year, designed to enable you to proceed into the more flexible second and third years with a solid base for progression. The first year provides an introduction to a wide range of tools and concepts, covering everything from small scale economic decisions at individual and local levels through to issues that impact upon national and international economies. Alongside the Economics modules you study, you will take Mathematics and Statistics modules. Skills in both are valuable in all of our programmes.

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)

The programme descriptions below make regular reference to optional modules. Here are some examples of the modules currently available.

Year 2 options

- Commodity Markets
- Cost-Benefit Analysis
- Development Economics
- Dynamic Modelling
- Econometric Theory
- Economics of Population
- Financial Economics and Capital Markets
- Introduction to Accountancy
- Making Poverty History
- Mathematics 2

Year 3 options

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

For the most up-to-date module list please see york.ac.uk/economics/undergraduate.

Some of our students are also interested in learning or improving a modern foreign language, with an eye to future international careers. The University's Languages for All programme (see page 19) provides the opportunity to do so alongside your degree studies.

Degrees with Econometrics

If you think that your career will involve data-based research or making policy decisions based on research then the specialist degrees Economics and Econometrics, and Economics, Econometrics and Finance are for you. These will teach you to appreciate and to use the methods that professional economists apply to model the economy and to test theories against evidence. The training provided is thorough and is designed for students with an aptitude for mathematics and statistics. So, if you have the right background and motivation, you should be thinking about degrees that combine Economics with Econometrics

BSc Economics

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

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)

BSc Economics and Finance

There are excellent career prospects arising from this popular degree, which combines financial analysis with the insights and techniques of the economist. The first year is similar to the Economics degree above. In the second year you take modules in Microeconomics, Macroeconomics and Econometrics. In addition to these core courses in economic analysis, the second year contains modules in Accountancy and Financial Economics. You also select further modules and examples of current modules are shown on our website. In the third year you study the Structure and Regulation of Financial Markets and Principles of Corporate Finance. You also choose modules from a prescribed list of choices

BSc Economics and Econometrics

The first year is similar to the single subject Economics degree. In the second year you take modules in Microeconomics, Macroeconomics, Econometric Theory and Econometrics for Economists. Additionally, you choose some modules from a prescribed list. Examples of current modules are shown on our website. In your third year you will take modules in Financial Econometrics and Econometric Methods for Research. You then select further modules and examples of those currently available are given on our website.

BSc Economics, Econometrics and Finance

The first year is similar to the single subject Economics degree. In the second year you take modules in Microeconomics, Macroeconomics, Econometric Theory and Econometrics for Economists, and modules in Accountancy, Financial Economics and Capital Markets. In your third year you will take Principles of Corporate Finance and further modules: Econometric Methods for Research, Structure and Regulation of Financial Markets and Financial Econometrics.

Combined degrees with Economics

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

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 much sought after 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)

Explicit modelling and understanding of the interactions within economies nowadays requires highly technical tools: Economics is becoming an increasingly mathematical subject.

This degree equips students with an economically relevant mathematical toolbox and applies it to solving problems in Economics. It is aimed at students planning to do technical work, such as designing analytical economic models and drawing from them conclusions, predictions and policy recommendations. For further information see the Mathematics entry on page 152.

BSc Mathematics/Finance (Equal)

In this programme students take modules within mathematics, statistics and financial economics. Mathematical finance is an increasingly technical profession practised by people with a strong background in mathematical sciences because of their quantitative skills. For further information see page 155.

Politics, Economics and Philosophy

For information on our combined degrees with Philosophy and Politics, see the separate section for the School of Politics, Economics and Philosophy, on page 193.

Environment, Economics and Ecology

If you are particularly interested in the impact of economic development on environmental issues, you may like to explore the programme in Environment, Economics and Ecology in the Environment Department (see page 125).

TEACHING AND LEARNING

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

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

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

ASSESSMENT

Assessment methods are varied and assessment to measure progress takes place throughout the programme. Written procedural requirements, usually the submission of essays from tutorials, seminars or exercises, are returned with grades and comments. There is a wide variety of examinations within the Department. For the most part, they consist of closed written examinations, written projects and long essays.

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

ADMISSIONS

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

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

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

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

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

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

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:

- business development manager
- assistant economist
- investment banking analyst
- assistant brand manager
- global news reporter
- operations analyst

and cover a wide range of employers, such as:

- EY
- PwC
- Government Economic Service
- Grant Thorton
- Goldman Sachs
- Barclays

Education

Investigate topics like the psychology of disruptive behaviour, Shakespeare in schools, the benefits of bilingualism and the best ways to teach science



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)

- * Times Higher Education World University Rankings 2018
- ** Research Excellence Framework 2014
- *** Longitudinal Education Outcomes 2017

- In the world top 100 for education*
- Joint ninth-highest proportion of 'world-leading' research**
- An international reputation for research and teaching by high calibre staff
- First in the UK for the percentage of students employed or in further study a year after graduating (96 per cent)***
- Strong links with schools and the National
 Science Learning Centre, located on campus

EDUCATION PROGRAMMES

	0 0, 10
BA (Hons) Education	X300
BA (Hons) English in Education	X302
BSc (Hons) Psychology in Education	CX83
BA (Hons) Sociology/Education (Equal)	LX33

Optional **Study Abroad** and **Placement Year** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Amanda Naylor

Telephone +44 (0)1904 324395

Website york.ac.uk/education

Email educ525@york.ac.uk

2017 Applications 527 2017 Admissions 86

TYPICAL OFFERS

A levels

ABB for CX83, LX33 BBB for X300, X302

IB Diploma Programme 34/31 points

BTEC Extended Diploma DDM

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

UCAS

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

CX83 excludes General Studies in their offer

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 5.5 in all units

STUDYING EDUCATION

Education affects life chances in a very real sense, as well as being an important and intrinsically fascinating field of study. Why do we have it? Why is it so expensive? Why is it in the form it is? Why is the political focus so much on institutions and teaching rather than individuals and learners? Ultimately, who does the education system serve? Answering these questions involves 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. We are passionate about learning and teaching: we won the Award for Teaching in the University of York Students' Union Excellence Awards 2016, based on student nominations. We were ranked in the top ten for Education in the 2016 and 2017 Complete University Guide. A vast number of topics can be covered in your programme, such as the portrayal of schooling in books written for children; the educational needs of pupils with disabilities; the psychological processes involved in learning; the teaching methods used in primary schools; whether bullying can be prevented; how social class is related to educational opportunities; the rise of mass education in the 19th century; and

the analysis of educational reforms and their political context. At York you can study Education from a variety of different perspectives and choose modules which cover your current interests or help you to develop new ones. In addition, most of our students can choose to undertake a placement study which will provide you with the opportunity to gain an understanding of the work of an educational service. Note that the programmes do not include teacher training.

In the Times Higher Education World University Rankings 2018, the Department was ranked within the top 100. We emphasise excellence in teaching, including teaching by researchers who lead in their field. Our research extends from the psychology of disruptive behaviour at school, to 'lad' culture and Shakespeare in Education, and much more.

Developing employability skills

We run initiatives designed to develop your academic, personal and employability skills. Important areas such as analysis of data and ideas, networking, and project management are focused on through academic modules, careers workshops and employability fairs plus other provision.

We are heavily invested in making our graduates employable, and regular events and activities are organised to introduce our students 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.

You can choose to take a Placement Year between your second and third year. This is a chance to gain valuable employment experience, which will be reflected in the title of your degree. For more details see york.ac.uk/students/placement-year.

Student/staff communication

Excellent communication channels exist between students and staff, and there are opportunities for student representation on academic matters. We are friendly and accessible and our students are encouraged to share their views with the undergraduate teaching team. You will also communicate regularly with and be supported by an individual supervisor throughout your studies.

Education plus

The Education Society is a student group that organises regular social, academic and careers events throughout the year. Within the Society, a peer support group offers information, advice and networking for our students. We also aim to offer additional opportunities to Education students. For example, for the past three years we have run Theatre Plus, with activities such as hosting a series of play readings, screening of live broadcasts, theatre visits and workshops with professionals.

OUR PROGRAMMES

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

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)

WHAT YOU STUDY

Our programmes introduce you to a range of theoretical perspectives and academic disciplines applied to the study of Education.

Students are encouraged to keep up to date with current debates regarding educational theory, policy and practice. While our programmes do not include teacher training, many students go on to complete a postgraduate teaching qualification. The York Students in Schools scheme offers opportunities to build experience in schools

The programmes fall into three stages designed to offer supported progression in both knowledge and skills. The aim of Stage 1 is to provide you with a unifying vision and perspective regarding education as a field of academic enquiry. All modules in Stage 1 are core and compulsory. The work for Stages 2 and 3, upon which the final degree classification is based, is made up of core and optional modules. In Stage 3 you complete 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

The BA Education programme explores the field of education from a variety of perspectives. The programme introduces you to diverse theoretical perspectives and academic disciplines applied to the study of Education and will encourage you to engage in critical reflection on the aims and values of education. 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 programme you will explore education specifically in relation to language and literature. You will learn about key educational issues, including how and why English language and literature are taught. The programme also covers how to analyse representations of education in literature and their impact on perceptions of education. You can also opt for modules that focus on education in different practice settings. 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 is a single honours programme for students who have an interest in the application of 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 lab facilities.

BA Sociology/Education

This combined joint honours degree programme is specifically designed to appeal to students who have an interest in both the field of education and the discipline of sociology. The programme explores the social processes and educational contexts that shape and characterise learning and development in contemporary societies. In addition, you will be introduced to competing theoretical perspectives and academic disciplines applied to the study of Education. For further information see the Sociology entry on page 211.

STUDY ABROAD

If you are interested in applying to spend some time overseas during your degree at York, we have exchange links with universities in Europe. In addition, you can apply to study in Australia, South Africa, Asia or North America through the Centre for Global Programmes: for details see york.ac.uk/globalyork.

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. Tutors and supervisors provide written and oral feedback in order to help you to develop skills essential for your success within the degree programme 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 the BA programmes. Students who intend to proceed to a PGCE course should be aware that GCSE or equivalent passes at grade C/4 or above in Mathematics and English Language and, for primary, a science, are required for all entrants to the teaching profession.

Your application form and Personal Statement should convince us that you have a commitment to the study of Education, the intellectual and organisational skills required to structure your time at university successfully and a willingness to engage creatively with tutors and fellow students in the debate about this diverse and fascinating subject. 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 programmes are designed to prepare you for a variety of careers, such as early years or primary teacher training, adult education, journalism, the Civil Service, educational research or publishing, among others.

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

Recent graduate employment examples include:

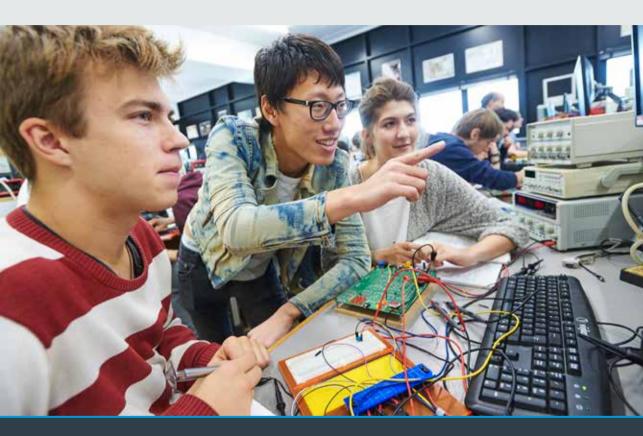
- trainee educational and child psychologist
- English as a foreign language teacher
- teaching assistant
- research associate
- consulting analyst
- paralegal
- ---

and cover a wide range of employers, such as:

- schools and local authorities
- BBC
- _
- Stroke Association
- Teach First
- Rolls Royce
- Lloyds Banking Group

Electronic Engineering

We aim to turn our students into innovative engineers who are able to design the next generation of electronics



I chose York because of the wide variety of module choices.

The diversity of the lecturers' research

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)

- Ranked first in the UK for graduate employment within one year of leaving*
- Dedicated electronics and computing laboratories, an industry-standard clean room and recording studios
- Courses accredited by the Institution of Engineering and Technology
- Athena SWAN Bronze award for commitment to gender equality in higher education
- Optional Year in Industry and other placements offer valuable experience

^{*}Longitudinal Education Outcomes 2017

ELECTRONIC ENGINEERING PROGRAMMES

ELECTRONIC ENGINEERING PROGRAMMES	UCAS
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 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 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 Foundation Year (4 year)	H604
BEng (Hons) Music Technology Systems with Foundation Year (4 year)	H662
Natural Sciences: see page 167	

Natural Sciences: see page 167

Optional **Study Abroad** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Dr Jude Brereton

Telephone

+44 (0)1904 322365

Website

vork.ac.uk/electronicengineering

Email elec-ug-admissions@ york.ac.uk

2017 Applications 460 2017 Admissions 97

TYPICAL OFFERS

A levels BEng: ABB MEng: AAA

IB Diploma Programme

BEng: 34 points MEng: 36 points

BTEC Extended Diploma

BEng: DDM plus grade B in A level Mathematics MEng: DDD plus grade A in

A level Mathematics

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

Mathematics and one of Physics/Electronics/ Chemistry

Students without Physics/ Electronics/Chemistry will be considered for BEng

(offer AAB) Offers exclude General Studies and Critical Thinking

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.0 with at least 5.5 in all units

STUDYING ELECTRONIC ENGINEERING

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

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

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

Hospitals rely heavily on electronics, including lasers for surgery, body scanners and X-rays for rapid diagnosis, and automated blood and tissue analysis.

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

ELECTRONIC ENGINEERING AT YORK

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

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

graduates in the European Engineer Register.

We have given considerable thought to the way that we teach the subject to our students. In the most recent Research Excellence Framework assessment, 87 per cent of the Department's research activity was rated as 'world-leading' or 'internationally excellent'.

OUR PROGRAMMES

The Department has a modular structure that offers a wide range of options, allowing students considerable flexibility. Years 1 and 2 are built from a common core while Years 3 and 4 offer more specialised modules allowing students to tailor the course to their specific interests and future career plans.

A Year in Industry is an option for all programmes. Students can take a Year in Industry between their second and third years. The Department has links with many companies and can help with a Year in Industry during the programme. Some students are sponsored during later years and undertake industrial placements.

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

The second year involves students in the analysis and design of hardware and software systems. Material includes theory and application of data structures and algorithms, electromagnetism and Java programming. Laboratory work allows practical experience and develops crucial design skills. There is also a larger-scale more advanced group design and construction project.

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

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

Examples of current third year modules include State Space and Digital Control, Cloud and Distributed Computer Systems, Multimedia Sound Design, Photonics and Nanophotonics, and Management and Marketing of Technology.

In their fourth year, MEng students can currently choose from modules such as Bio-inspired Computation, Emerging Nanotechnologies, Systems Programming for ARM, Robotics, Enterprise, Music Performance Analysis Systems, and Electronics for Medicine.

BEng/MEng Electronic Engineering

All our programmes offer a thorough education in electronic engineering, meeting the rigorous needs of today's industry. A wide range of options is available, particularly in the MEng degree, allowing either a broad experience or the study of particular areas in some depth. Graduates 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. These programmes develop a wide range of computing skills as part of the engineering problem-solving process.

BEng/MEng Electronic Engineering with Nanotechnology

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

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

York was the first Electronics department in the UK to introduce programmes for those who wish to combine an interest in music with a solid background in electronic engineering. Graduates will be electronic engineers with specialist skills in the design and application of music and audio equipment. The Department boasts a strong musical atmosphere and has its own professional-standard recording studios and mix-down and practice facilities.

BEng/MEng Electronic and Communication Engineering

Communications technology has always been one of the major strengths of the Department and these programmes allow specialised study applicable to major growth areas, such as mobile and global communications, wireless networks and high altitude

systems. As well as providing a strong background in electronic engineering there are more specialised studies in areas such as signal processing, data coding, broadcast technology, optical systems and radio communications

BEng/MEng Electronic Engineering with Business Management

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

BEng Electronic Engineering with a Foundation Year

This is an entry route for those with no recent or appropriate qualifications. The material covered includes mathematics and physics up to A level standard. Practical electronics is included as an introduction to the material in later years. The programme is taught entirely within our Department. Students on this programme pay a significantly reduced fee during the Foundation Year.

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 for Electronic Engineering above, students on this programme receive an introduction to the Music Technology Studios, have a studio pass for the whole year, and participate in laboratory sessions

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)

creating and processing audio. They also receive Music Technology mentoring that includes musical and audio computing sessions, and discussion groups, 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.

TEACHING AND LEARNING

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

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

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

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

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

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

Final year MEng students spend two terms on an individual project. If they opt to carry this out in industry,

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

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

- Broadband multi-octave RF and microwave amplifiers
- Self-healing modular robotic systems
- Contactless PC interface using Arduino microcontrollers
- Predicting the stock exchange using social networks
- Evolutionary algorithms to detect Parkinson's Disease
- Self-test and self-repair in reconfigurable processors
- DNA molecular machines
- Next-generation spintronic memories
- Acoustic modelling of adjustable sound boxes for stringed instruments
- Real-time sonic feedback for tennis coaching using embedded electronics and an iOS app
- Underwater acoustic communications

YEAR IN INDUSTRY

Students can take a Year in Industry on all our programmes. Students find the experience invaluable in choosing career options and have often found that placements lead to job offers on graduation. You can apply for this from the start or apply to add it when you are on the course. Placements are not guaranteed but the Department will do all it can to help find one that is suitable.

STUDY ABROAD

If you are interested in applying to spend some time overseas during your degree at York, we have exchange links with universities in Europe. In addition, you can apply to study in Australia, South Africa, Asia or North America through the Centre for Global Programmes: for details, see *york.ac.uk/qlobalyork*.

ASSESSMENT

Assessment is based on a mixture of formal examinations and continuously assessed work including laboratory reports, regular assignments and project reports. We have recently introduced new assessment methods, such as creating a professional demonstration

video and maintaining a project blog. For all students, the project marks form a substantial proportion of the final degree classification.

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

SCHOLARSHIPS

Scholarships are available to the most outstanding first year UK/EU entrants. An internal panel will consider examination grades, performance at interview and any other indicator of academic or creative excellence.

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

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

ADMISSIONS

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

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

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

Certain programmes have other prerequisites:

- all Music Technology courses: a demonstrable motivation towards making music. Please see our web pages at york.ac.uk/electronic-engineering/ undergraduate/apply/entry/music.
- Foundation Year: for mature students, there are no entry requirements. Students taking subjects not suitable for first year entry are encouraged to apply for a degree with Foundation Year. Candidates' potential to cope with the mathematical and technical content will be explored in an informal interview.

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

WHAT OUR GRADUATES DO

Our programmes are extremely well regarded by employers because of their rigorous nature and relevance to industry. Our students succeed in obtaining employment quickly after graduation. In addition, graduate destination figures show that our students perform well above the national average in securing jobs in the highest professional categories.

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

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

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

Recent graduate employment examples include:

- digital signal processing engineer
- junior aerodynamics software developer
- electronic engineer
- signalling engineer
- hardware engineer
- user experience designer

and cover a wide range of employers, such as:

- BBC R&D
- Qinetiq

IBM

- Rolls Royce
- Nokia
- Royal Air Force

English and Related Literature

At York you'll 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



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)

- Ranked in the UK top 10 and world top 25 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

 ^{*} The Times and Sunday Times Good University Guide 2018, Complete University Guide 2018

^{**} Research Excellence Framework 2014

ENGLISH AND RELATED LITERATURE PROGRAMMES

Q300
QV31
QV33
QQ31
QV35
QL32

Optional **Study Abroad** and **Placement Year** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Dr Bryan Radley

Telephone +44 (0)1904 323367

Website york.ac.uk/english

Email english-ugadmissions@york.ac.uk

2017 Applications 1,167 **2017 Admissions** 195

TYPICAL OFFERS

A levels

AAA or A*AB for Q300 with at least A in English AAA for QV31

AAB for QV33, QV35, QL32 and QQ31 with at least A in English

IB Diploma Programme 36 points including 6 in all Higher level subjects, including English (may vary for combined programmes)

BTEC 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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

English Literature or English Language and Literature grade A at A level or equivalent

UCAS

Offers exclude General Studies and Critical Thinking History is required for QV31

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 5.5 in all units

STUDYING ENGLISH AND RELATED LITERATURE

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

Literature at York is a subject that can take you from ancient Greek and Roman epics to the poetry of the Romantic period, and from Renaissance drama to 21st-century Indian fiction. 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, you will gain a keen sense of the distinctiveness of English literature, while discovering how it relates to other literatures and cultures. This global perspective is enhanced by opportunities to engage with literature written in other languages and to study abroad. Our degree programmes also equip you with precisely the kind of high-level transferable skills that are valued by employers. Literary scholarship teaches you to analyse and compare complex texts, research and debate challenging topics, and present your findings cogently and persuasively, orally and in writing.

ENGLISH AND RELATED LITERATURE AT YORK

During your three years of studying English and Related Literature at York, you will be challenged in exciting and surprising ways by tutors and students who are, like you, ambitious, imaginative and passionately engaged.

At York, you will be at the forefront of literary study, learning in the most stimulating academic environment possible. 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 modules are designed and taught by world experts working on cutting-edge research.

We are an exceptionally creative and lively department with a long tradition of innovative teaching. Our flexible degree combines historical depth with geographical breadth. We offer modules from every era and in all the major genres: drama, fiction, film and poetry. There are therefore plenty of options to shape a course tailored to your own literary interests. We are also unique in the way we place writing at the centre of all three years of study: the tools to analyse and interpret the writing of others are bound up in the honing of your own sophisticated writing practice. In third year, pursuing creative writing is also an option.

Our strengths and the experience of our students ensured that our undergraduate programme was ranked seventh in The Times and Sunday Times Good University Guide subject league table for 2018.

We are also among the world's most highly regarded English departments. Our distinguished teaching and research are acknowledged by our place within the top 25 for English Language and Literature in the 2017 QS World University Rankings.

Our students come from a variety of backgrounds, but they all share the sharp intellect and literary curiosity that define the Department and make it one of the most rewarding places in the world to study English.

OUR PROGRAMMES

BA English

York's English degree offers exceptional flexibility and choice. It provides a comprehensive overview of literary history and criticism while also encouraging you to explore the subjects that most interest you. You will get the chance to examine literature from the present and the past, and from the UK and beyond.

In the first year of our undergraduate programme, you are offered a set of core modules which introduce you to the critical and historical study of literature at undergraduate level. These foundational units are supplemented by additional skills-based writing modules and topic-based modules. The wide-ranging second and third year programmes allow you to choose from an array of options, which, in the second year, involve the close study of literature in its historical context and, in the third year, explore specific literary, cultural or performance issues. The degree culminates in an exciting year-long dissertation: a chance to use all the research and writing skills developed over the degree on a topic of your choice.

Combined degree programmes

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 take a mixture of modules chosen from their twin departments. 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 supervision from a tutor in each department. As a combined degree student, you are able to choose from the same range of modules as our single subject students.

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 English 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.

Years 2 and 3

In Years 2 and 3 of the programme, 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, one of the distinctive elements of the York English degree is that all single subject students take a World Literature module in their second year, studying texts written in languages other than English. 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 the ancient to the contemporary. Combined programme students also have the chance to take a World Literature module. In addition to the sheer pleasure of studying great literature from different times and places, we value this World Literature element because the study of other literatures encourages a more cosmopolitan, multilingual view of literary culture. It recognises that English literature has always been in dialogue with literature written in other languages, and it develops crucial skills in the analysis of language.

In the third year, you have the opportunity to explore further the areas you have developed an interest in over the course of your studies. We offer a diverse range of Advanced Option Modules, 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. We also offer creative writing modules. These innovative modules reflect the wideranging research expertise of the Department. 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. This year-long advanced module is the capstone of your degree and offers you the chance to use all the research and writing skills you will have developed at York.

Overall, York's English degree offers a uniquely international view of literature. Our students graduate with a broad cultural awareness that appeals to employers, as well as the rigorous literary training that paves the way for further study.

TEACHING AND LEARNING

The Department attaches particular importance to small group teaching, enabling 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.

PLACEMENT YEAR

The placement year gives students from the Department the exciting opportunity to pursue work placements in related industries for up to a year between their second and third years. For details, see york.ac.uk/students/work-volunteering-careers/skills/placement-year.

STUDY ABROAD

Student exchanges enable some students from the Department each year to spend one or two terms studying abroad. In recent years, these have included exchanges with Danish, Finnish, French, Italian, Swedish and French-speaking Swiss universities. The University also has exchange schemes with a number of other international universities, including institutions in North America, Asia, South Africa and Australia through the Centre for Global Programmes. For details, see york.ac.uk/globalyork.

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 the writing portfolio.

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

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)

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 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 form 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.

Interviews are reserved for candidates returning to formal study after a significant break. 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.

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

Mature candidates

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 as reviving the habit of discussing, researching and writing about books, this ensures that you have a recent academic referee and some written work to bring to interview.

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

Deferred entry

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

WHAT 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:

- Civil Service fast streamer
- marketing officer
- intelligence officer
- non-fiction editor
- iournalist
- solicitor

and cover a wide range of employers, such as:

- BBC
- Financial Times
- House
- NHS
- Parliament

Penguin Random

- Teach First

Environment (including Geography)

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



- 93% of our 2016 graduates were in work or further study six months after graduation*
- Based in a £12.5 million state-of-the-art building
- Overseas study can include optional expeditions to places such as Iceland and Prague
- 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 2015/16 (HESA) (full-time UK students)

^{**} Research Excellence Framework 2014

ENVIRONMENT PROGRAMMES

BSc (Hons) Environmental Geography	F810
BSc (Hons) Environmental Geography	
with a Year in Industry (4 year)	F811
MEnv (Hons) Environmental Geography (4 year)	F815
MEnv (Hons) Environmental Geography	
with a Year in Industry (5 year)	F816
BA (Hons) Human Geography and Environment	L7F8
BA (Hons) Human Geography and Environment	
with a Year in Industry (4 year)	L7F6
MEnv (Hons) Human Geography and Environmen	ıt
(4 year)	L7F9
MEnv (Hons) Human Geography and Environmen	ıt
with a Year in Industry (5 year)	L7F7
BSc (Hons) Environmental Science	F900

	UCAS
BSc (Hons) Environmental Science	
with a Year in Industry (4 year)	F901
MEnv (Hons) Environmental Science (4 year)	F902
MEnv (Hons) Environmental Science	
with a Year in Industry (5 year)	F903
BSc (Hons) Environment, Economics and Ecolog	gy F7M0
BSc (Hons) Environment, Economics and Ecolog	gy
with a Year in Industry (4 year)	F7M1
MEnv (Hons) Environment, Economics and Ecol	logy
(4 year)	F7LC
MEnv (Hons) Environment, Economics and Eco	logy
with a Year in Industry (5 year)	F7L1
Natural Sciences: see page 167	

Optional **Study Abroad** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Dr Sylvia Toet

Telephone +44 (0)1904 322999

Website

website

york.ac.uk/environment

Email

environment@york.ac.uk

2017 Applications 805 2017 Admissions 174

TYPICAL OFFERS

A levels

ABB for F900, F901, F902, F903, F7M0, F7M1, F7LC, F7L1

AAB for L7F6, L7F7, L7F8, L7F9, F810, F811, F815, F816

IB Diploma Programme

34 points for F900, F901, F902, F903, F7M0, F7M1, F7LC, F7L1

35 points for L7F6, L7F7, L7F8, L7F9, F810, F811, F815, F816

BTEC Extended Diploma DDM for F900, F901, F902, F903, F7M0, F7M1, F7LC, F7L1

DDD for L7F6, L7F7, L7F8, L7F9, F810, F811, F815, F816

Other qualifications

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

Mature students

We consider applications from mature students

alongside all other applications

ESSENTIAL SUBJECTS

For F900, F901, F902, F903: at least two from Biology, Chemistry, Geography, Geology, Environmental Science, Mathematics, Physics, Psychology, Life and Health Sciences For F810, F811, F815, F816: at least one of the above list, preferably two, with Geography or Geology required For F7M0, F7M1, F7L1, F7LC: at least two of the above list: Business Government

and Politics

and Economics are also acceptable

For L7F6, L7F7, L7F8, L7F9: Geography plus two further subjects GCSE Mathematics or

equivalent is required at C/4

Offers exclude General Studies

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

ENGLISH LANGUAGE

IELTS 6.5 with at least 6.0 in all units

STUDYING ENVIRONMENT

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

ENVIRONMENT AT YORK

Our Department is dynamic and friendly and carries out research across a wide range of environmental and geographical issues in developing and developed countries. We are located at the heart of the campus, in a new building with extensive state-of-the-art laboratories and teaching and social spaces. In the most recent Research Excellence Framework assessment, 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, food security, energy and environmental policy.

The Environment Department attracts students from all over the world. Students can apply to undertake part of their study abroad (see page 126). The Department is committed to wider participation in higher education and for those with a non-traditional academic background.

OUR PROGRAMMES

In the first year of each of our degrees, the relevant foundations are laid for future study. In the second year. students choose a proportion of their modules and begin to specialise, as well as taking part in a compulsory residential field course overseas. Currently. this course is in Tenerife and includes volcanic systems. renewable energy, tourism impacts and natural hazards. Costs for all our compulsory field trips are covered by the Department. Costs for optional field trips must be met by the student. The third year has different routes depending on whether students select BSc/BA or the integrated Masters (MEnv). For the former, students select from specialist taught modules, as well as undertaking an independent research project. For the MEnv, students select from the same specialist taught modules, but also study material that prepares them for an extended research project in Year 4. The research project (for all degrees) provides an opportunity to undertake an in-depth study of a topic of particular interest, allowing students to apply what they have learnt in novel ways. It is also possible to take elective modules from other departments, such as Sociology, Archaeology and Biology, providing flexibility for students to develop their own interests.

Our degree programmes contain modules that have links with public sector organisations such as the Environment Agency, Natural England and Forest Enterprise, major employers in the private sector and non-governmental organisations (NGOs). This ensures that our teaching is topical, policy-related and grounded in real-world examples.

WHAT YOU STUDY

BSc/MEnv Environmental Geography

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 125.

BA/MEnv 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, global poverty, 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. For Year 4 of the MEnv degree, see page 125.

BSc/MEnv Environmental Science

In the first year, you will study the physical environment and ecological principles, develop numerical and key environmental 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 applied ecology, 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 below.

BSc/MEnv Environment, Economics and Ecology

The first year modules include an introduction to economics and ecology, development of numerical and

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)

key environmental skills, and experience of field and project work, and promote debate in the economics, ecology and management of the environment.

In the second year you will focus on developing knowledge and skills across environmental economics sustainability, ecology and environmental management. You will study compulsory modules in environmental policy and environmental applications of economics, as well as taking part in a residential field course. Option modules focus on areas such as energy, climate change, ecosystem ecology, food security, GIS and data analysis.

In the third year, you will be able to choose from a range of specialist modules in areas such as sustainable development, environmental and natural resource economics and biodiversity. BSc students also undertake an independent research project in Year 3. For Year 4 of the MEnv degree, see below.

Integrated Masters option

Our students can extend their study by a year to undertake an integrated Masters in Environment (MEnv), subject to progression requirements at the end of Year 2. The MEnv at York 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/BA 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.

Year in Industry

Our programmes 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. Students receive support from the Department during their year away and write a reflective journal on their experiences during the placement. Short-term placements and internships, when available, are also offered to students.

Students on programmes with a Year in Industry are supported by the Department to find suitable placements. However, the Department expects students to be proactive in researching and finding their own placements as this is an integral part of the skills and experience gained through the programme. Placements are therefore not guaranteed and students who are not successful in obtaining a placement will be transferred to the standard programme.

TEACHING AND LEARNING

The teaching and learning strategy in the Environment Department is designed to provide students with clear training pathways to promote their 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 programmes 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.

STUDY ABROAD

Students can apply to spend their second year studying an environmental programme at universities worldwide, such as in North America, South Africa, Asia, Europe or Australia, with which the University has exchange agreements and where equivalent courses are available. See Global Programmes for further details: york.ac.uk/globalyork.

ASSESSMENT

We use a range of assessment approaches to ensure that the skills and abilities of all students 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 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 and we welcome enquiries and prearranged visits from such 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 programmes prepare students for careers in fields such as environmental consultancy, town planning, travel and tourism, environmental protection, international aid and development, sustainability, regeneration and economic development, and teaching. In addition, our programmes help students 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 93 per cent of our graduates find employment or begin a higher degree within six months of graduating.*

Recent graduate employment examples include:

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

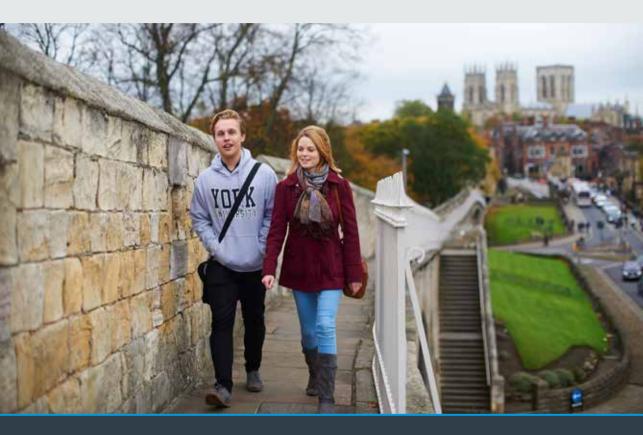
and cover a wide range of employers, such as:

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

*Destinations of Leavers from Higher Education survey 2015/16 (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



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)

- Ranked in the world top 100*
- 94% of our 2016 graduates were in employment or further study six months after graduation**
- Learn from world-class experts, with an emphasis on small group teaching
- Second in the UK for research performance***
- Over 100 modules to choose from, ranging around the world and across 2,000 years

^{*} QS World University Rankings 2017

^{**} Destinations of Leavers from Higher Education survey 2015/16 (HESA) (full-time UK students)

^{***} Times Higher Education's ranking of the Research Excellence Framework 2014

HISTORY PROGRAMMES

BA (Hons) History	V100
BA (Hons) History/Economics (Equal)	VL11
BA (Hons) English/History (Equal)	QV31
BA (Hons) History/History of Art (Equal)	VV13
BA (Hons) History/Philosophy (Equal)	VV15
BA (Hons) History/Politics (Equal)	VL12
BA (Hons) History/French (Equal) (4 year)	VR11

Optional Study Abroad and Placement Year opportunities available for all programmes

Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Dr Gerard McCann

Telephone

+44 (0)1904 322983

Website

york.ac.uk/history

Email history-admissions@vork.ac.uk

2017 Applications 1,628 **2017 Admissions** 225

TYPICAL OFFERS

A levels AAA or A*AB for V100

AAB for VV13 and VV15

AAA for all other courses

IB Diploma Programme 36 points

35 points for VV13 and VV15 All include HL 6 in essential subjects

BTEC Extended Diploma DDD

Other qualifications For details of other

acceptable qualifications go to york.ac.uk/study/ undergraduate/applying/entry

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

UCAS

History or Classical Civilisation grade A at A level or equivalent Essential subjects are also

required for the following combined programmes: English for QV31, French for VR11. Mathematics for VL11

Offers exclude General Studies

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 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 in the top 100 in the world in the QS World University Rankings (2017). We are also among the leading departments in the world for the advanced study of History and related disciplines, combining ground-breaking research with degree programmes that offer incredible chronological breadth and geographical scope. In the *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. In their first term, and throughout their 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 individually every term. The supervisor provides direction, reflection and support as well as advice as students prepare for internships and careers.

Studying History at York is demanding work, requiring considerable commitment to the development of personal as well as intellectual skills, a willingness to work with others, and an enthusiasm for history and historical problems. We expect this from all of our students. However, it is equally the case that they have matched up to these expectations. Over 91 per cent of our students achieved a First or 2:1 in 2017.

OUR PROGRAMMES

BA History

The degree programme ensures progression from broad to specialised topics. The first year equips you with the tools necessary for degree-level History. Year 2 allows you to burrow deeper into events, themes or periods that interest you most. Year 3 sees you pursuing highlevel 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

First year modules equip you for degree-level History. They introduce you to a wide range of historical material and subjects while developing the skills required for your more specialised work in Years 2 and 3.

The first term core module Making Histories introduces you to sources and approaches, as well as the working methods needed to study history. It is taught

by seminars, workshops and lectures, with written work assigned and marked by your tutor. Your Period Topic module provides an intensive introduction to a historical period or subject. Taught in a seminar by a member of staff, it fosters experience in historical debate and using primary sources. Offerings vary each year but have included:

- Goths and Romans in sixth-century Italy
- Violence, Miracle and Renaissance in Medieval France
- Shakespeare's World
- State and Society in Kenya, 1930-2007
- Washington and Napoleon: Images, Reputations and Ideological Uses
- Spanish America, 1400-1750
- War and Society in the United States, 1939-75
- Caliphs, Sultans, Amirs and Viziers:
 The Formation of the Islamic World

Core modules in the Spring and Summer Terms develop your intellectual engagement. Two wideranging modules, From Rome to the Renaissance: The Transformation of Traditional Societies, c400–1650, and Citizens, Comrades and Consumers: The Making of the Modern World, 1650–2010, introduce a broad spectrum of historical periods, events and subjects in an integrated programme of lectures and discussion groups. In addition, Thinking Through History uses lectures and workshops to explore challenging new ideas on topics such as vice and virtue and freedom and servitude.

Many students elect to study a foreign language, as complete beginners or more advanced speakers. This can be done in addition to degree modules or as part of the degree programme (instead of Thinking Through History). Languages – including French, Arabic, Chinese, Russian, Spanish, German, Greek and Latin – are taken through the Languages for All (LFA) scheme.

Year 2

In the second year, you take your historical interests further, defining the questions that most engage you. In the first term, two Histories and Contexts modules pull you deeper into a historical period or problem through lectures and weekly discussion groups.

The range of options varies each year, but may include:

- The End of the Roman World: The Transformations of the Year 600
- Kingship, Rule and Myth-Making: England, 1065-1307
- 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

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)

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
- Crime in England, 1590-1640
- 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
- The Politics of the Permissive Society: Britain, 1957–1974
- Ireland in the Age of Revolution

Running alongside the Special Subject is a Comparative History module, one of the oldest, most distinctive and stimulating components of the York History degree. This asks you to interrogate a theme across a broad historical sweep, investigating its diverse forms across time and space. 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

Because our modules vary in size and duration, they are weighted differently, from 10 to 40 credits. In each term, you earn 40 credits. For single subject students, this typically means two modules; in joint degrees one module from History, one from the other department. One credit equates to roughly ten hours' work, making an average of 40 hours each week.

We employ seminars, lectures, discussion groups, workshops and tutorials. A number of modules, especially in the first year, are taught through integrated programmes of lectures and discussion groups. Lectures introduce unfamiliar areas, examine controversial issues and raise questions followed up in weekly discussion

groups of 10–16 students and a tutor. The majority of our teaching, especially in Years 2 and 3, takes place in two-hour and three-hour seminars, the cornerstone of our degree. Here students work closely (in groups of 12–16) with a member of staff. Seminars provide a forum for the analysis of sources and for debate over the issues raised. Student participation is fundamental, in presentations and discussion.

Small group teaching remains at the core of our degree. It is a commitment we retain because we believe that students learn better when challenged (under the guidance of an experienced scholar) to think through a problem and articulate their own ideas. Small group teaching and tutorials account for half of our first year teaching, rising to over 80 per cent in the third year.

Many students quickly learn to juggle a diverse timetable and competing commitments. Teaching hours vary by week, stage of degree and, especially, student preference. A single subject historian might have up to 12 hours per week in Year 1 and 11 in Years 2 and 3, of which about half are the minimum requirement; 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 of the seminar or lecture room, exploring publications in libraries and online, thinking through problems and pioneering new avenues of investigation.

To support this work, we encourage students to attend the student hours that every tutor, adviser and supervisor holds twice each week. We give detailed written feedback on all procedural work, which you can follow up in student hours. Each year includes one-to-one sessions with tutors and every student has a dissertation adviser who stays closely involved with their project. Each student also has a personal supervisor who meets them every term, lending advice and support through the degree and in career planning. This can include guiding students to the appropriate University support service if issues disrupt their work. Supervisors can also write informed references as students embark on internships and careers.

STUDY ABROAD

We are committed to equipping our students with the skills and understanding they need to excel in an increasingly interconnected world through our geographically wide-ranging curriculum, our language training and our study abroad programmes. There are many opportunities to study overseas, in English or in a foreign language. Both combined and single subject History degree students can apply to study abroad for all or part of your second year. Single subject History students also have the option, at the end of the first year, to apply to transfer to our four-year BA History programme in which you study for three years at York with an additional year abroad at a host institution. We also offer student exchanges which allow students to spend part of the year at another European university as part of their degree.

In addition, we have an exciting programme of international exchanges with prestigious universities in the Americas, Asia and Australia. See Global Programmes for further details: york.ac.uk/qlobalyork.

ASSESSMENT

Assessment is ongoing throughout the degree, typically at or shortly after the end of the module. We employ a range of methods, including assessed essays, the dissertation, examinations and group projects. Exams are open (students write their answers in private study conditions over periods of eight hours to three days) and closed (for one and a half to three hours in an examination room).

Students also do procedural essays (on average, one per module), which are marked and returned with feedback 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. We were ranked fifth in the Russell Group for positive destinations in the Times Graduate Destinations Indicator 2016, while 94 per cent of our 2016 graduates were in employment and/or 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
- trainee librarian
- marketing executive
- shipbroker
- business and technology consultant
- 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 2015/16 (HESA) (full-time UK students)

History of Art

We have developed into one of the leading departments for History of Art in the UK, while maintaining small group teaching and an informal atmosphere





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)

- First in the UK for History of Art research impact*
- Ranked ninth in the UK**
- 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
- Three student-run societies and a vibrant programme of events and activities

^{*} Times Higher Education's ranking of the Research Excellence

^{**} The Times and Sunday Times Good University Guide 2018

HISTORY OF ART PROGRAMMES

	0 0, 10
BA (Hons) History of Art	V350
BA (Hons) History of Art with a year abroad (4 year)	V352
BA (Hons) Curating and Art History	V351
BA (Hons) Curating and Art History with a year abroad (4 year)	V353
BA (Hons) English/History of Art (Equal)	QV33
BA (Hons) History/History of Art (Equal)	VV13

Optional **Study Abroad** and **Placement Year** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Professor Jason Edwards Telephone

+44 (0)1904 322978

Website

york.ac.uk/history-of-art

Email histart-ugadmissions@york.ac.uk

2017 Applications 294 **2017 Admissions** 66

TYPICAL OFFERS

A levels AAB/ABB

IB Diploma Programme
35/34 points

BTEC 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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

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

UCAS

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 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), while still 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 curating 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 and the National Gallery, 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 sculpture and unrivalled collections of stained glass and studio pottery. It also has a thriving 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 Italy, France, Spain, Germany, the United States, South Asia, the Middle East, and across the former British Empire, in the ancient, medieval, renaissance, modern and contemporary periods.

OUR PROGRAMMES

At York students can study History of Art either as a single subject degree or in combination with History or English. We also offer a course in Curating and Art History; this course offers 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; several are specifically designed for art historians. In your second year you will choose from a variety of historical and thematic topics in the medieval, early modern and modern periods; ideas that you will explore in more depth in your third year. Many modules include (currently funded) field trips either locally or further afield to see works 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; several are specifically designed for art historians. In your second year you will choose from a variety of topics, across a wide historical range, specifically tailored to thinking

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)

about exhibition histories and display. You will plan an exhibition project, as part of a group. This year also 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 special subjects in depth. Many modules include field trips either locally or further afield to see works at first hand. The final unit of your degree consists of an extended project focused on your curatorial interests.

Combined degree programmes

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

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
- Image and Identity in California 1950-1985
- Impacts of the Late Antique, c350-850
- Interwoven: Fashion and Art History

- Jerusalem in Western Medieval Art and Architecture
- The Making of a Modern Style, 1889-1933
- Making Faces: Portraiture in 18th-century England
- Mirrors and Screens: The World of Andy Warhol
- Modern Architecture and Design: Art Nouveau to the Bauhaus
- Museums and Curating
- New Approaches to Baroque Cities
- Realism and Surrealism
- Rembrandt
- Stained Glass in the Great Church
- Seeing the World: Art, Science and Medicine
- Victorian Art

TEACHING AND LEARNING

We believe that learning is most effective when it is active and personalised. Therefore, in addition to lectures and workshops, most teaching and learning takes place through seminar groups of no more than 15 people. During seminars you, your fellow students and your tutor discuss a topic for which you have prepared by extensive preliminary reading and image study. You may also be asked to give presentations or help to lead discussion, thus gaining experience in oral communication and teamwork. You also write procedural essays, for which you receive oral and written feedback from tutors in individual tutorials.

STUDY ABROAD

Students in the Department of History of Art can apply to participate in European and worldwide exchange schemes: for details, see *york.ac.uk/globalyork*.

In addition, there are (currently funded) study trips abroad during term time as a compulsory part of some special subject modules.

ASSESSMENT

We use different methods of assessment throughout the course of your degree. These include the 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.

ADMISSIONS

We look for students with intellectual curiosity and enthusiasm as well as academic achievement. For the single subject programme, selection is currently made on the basis of the UCAS form, although candidates 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 degree programmes, selection is made on the basis of the UCAS form and in some cases the submission of written work or interview.

Candidates receiving an offer from the Department will be invited to a departmental Visit Day between December 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.

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 researching their career options.

Recent graduate employment examples include:

- graduate retail buyer
 social media
 - social media
 executive
- arts administrator
- marketing associate
- archives trainee
- PR analyst

and cover a wide range of employers, such as:

- V&A Museum
- Sotheby's
- Christie's
- Ogilvy

BBC

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 grounding of linguistic knowledge gained in the first year, combined with the freedom and range of specialism 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)

- Ranked in the world top 100 for linguistics*
- The second highest proportion of 'world-leading' research**
- Ranked in the UK top ten for French and Italian***
- Our teaching is hands-on and research-led, and our foreign language teaching focuses on fluency and professional competence
- Excellent transferable skills leading to a wide range of career paths

^{*} QS World University Rankings 2017

^{**} Research Excellence Framework 2014

^{***} Complete University Guide 2018

LANGUAGE AND LINGUISTIC SCIENCE PROGRAMMES

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

	UCAS
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 programmes	
BA (Hons) English/Linguistics (Equal)	QQ31
BA (Hons) Philosophy/Linguistics (Equal)	VQ51

Optional **Study Abroad** and **Placement Year** opportunities available for all programmes

Courses are three-year programmes unless otherwise stated

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
2017 Applications 661
2017 Admissions 143

TYPICAL OFFERS

A levels AAB/ABB AAA for VR11

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

36 points for VR11

BTEC 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

Mature students

We consider applications from mature students alongside all other applications

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 For combined programmes:

ΠΟΔς

English Literature for QQ31, History for VR11, Mathematics for QG11 Offers exclude

General Studies

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 5.5 in all units

STUDYING LANGUAGE AND LINGUISTICS

Linguistics is the science of language. Linguists seek to understand the properties of all natural human languages – how they are structured, how and why they vary and change, how they are acquired, and how they are used by people to communicate.

Facts (a few of many)

- There is no single word in French to translate shallow.
- 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.

Questions (a few of many)

- Why are Urdu and Hindi considered to be different languages when speakers of one can understand the other?
- Why is it that Mandarin and Cantonese are considered to be dialects of Chinese when one is hardly comprehensible to speakers of the other?
- What goes on in people's minds when they make speech errors such as 'tips of the slongue' instead of 'slips of the tongue'?
- Are the dialects of Yorkshire and other parts of Northern England losing their distinctiveness?
- How can linguists help the police with their enquiries?

LANGUAGE AND LINGUISTICS AT YORK

Why study Language and Linguistic Science at York? Our foreign language programmes develop proficiency in the comprehension and production of the target language. Our English language programmes teach the history and structure of the language and its role in society. Through these programmes we develop confident, capable language students with a genuine enthusiasm for the study of their language. For our students, learning languages is enhanced through studying linguistics.

The Department of Language and Linguistic Science:

- is a leading centre for teaching and research in empirical and theoretical linguistics
- offers in-depth training in modern foreign languages and cultures, and in communicative skills that are vital for a variety of careers
- had the second highest proportion of 'world-leading' research activity in the most recent Research Excellence Framework assessment
- provides a friendly and supportive environment prioritising students' personal development and welfare

Here are some of the distinctive aspects of the student experience in our Department.

- Linguistics and Modern Languages are taught in the same department and the two kinds of programmes complement each other. Our students often find that training in theoretical linguistics helps in their language learning and vice versa.
- 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.
- In English programmes, our focus is on the structure and history of English, how English is used, and how English varies across time, region and style.
- There are no compulsory literature courses in our single subject degrees.
- Our programme 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 of final year modules to choose from. The Department houses a bespoke computer laboratory for our students' use, giving access to specialist software, language data for corpus analysis and language-learning materials.

OUR PROGRAMMES

We see it as a priority to teach languages and linguistics alongside each other, so we offer both, in one department.

We have five types of degree:

- Linguistics
- English Language and Linguistics
- one language and Linguistics
 (French, German, Italian or Spanish)
- two languages and Linguistics (French, German, Italian or Spanish)
- combined degrees with other subjects:
 'language + X' or 'Linguistics + X'

You can 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 to each language, and the remainder to either linguistics or other language modules. If you study Spanish, Italian or German *ab initio* (without a prior A level or equivalent) you take half of your first year modules in that language.

You will have flexibility in tailoring the mix of language and linguistics modules you take to suit your developing interests. The amount of choice you have varies across programmes: there is less free choice in two-language programmes, or if you study a language ab initio, as you have to take a certain number of compulsory core language modules. All our programmes allow for optional choice modules to be taken in other departments.

Do I need an A level in language?

We offer two types of language study: post-A level and *ab initio*. 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 above in the relevant language, or equivalent. *Ab initio* study is for those with GCSE, AS level, or no prior experience of studying the language.

In addition to single-language degree programmes, we offer two-language degrees. On these degrees you can study two languages post-A level, or one post-A level and one *ab initio*. For our English Language and Linguistics programmes we welcome applicants who have qualifications in languages, but we do not formally require specific qualifications.

Can I study a language in BA Linguistics?

Yes, in BA Linguistics you take two language module options in your first year, in English language or any language offered by the Languages for All team (see page 19).

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 138). If your programme is a 'Language + X' degree you take compulsory language modules each year, then choose any option modules in either language or linguistics (or in your other subject). If your programme is a 'Linguistics + X' degree, you take compulsory modules in linguistics in the first and second year, then choose any option modules in linguistics or in your other subject. See our website for full details.

WHAT YOU STUDY

Linguistics modules

We do not assume that you know any linguistics when you come to us, so our first year foundation modules provide a broadly-based introduction to the subject, covering language and its role in society, the study of speech production and the structure and meaning of linguistic expressions. There are four first year core modules, in Phonetics and Phonology, Syntax, Sociolinguistics and Semantics. If you are studying just linguistics, or one language and linguistics, then all four are compulsory, whereas students studying two languages or on combined programmes take a subset of these modules.

Beyond the first year, the amount of choice you have over which modules you study varies, depending on your programme. If you are studying one language (English, French, German, Italian or Spanish) with linguistics in a single subject degree then most of your second and third year modules can be chosen from a list of options. If you are studying two languages throughout your degree or if you are on a combined programme then you choose from a more restricted subset of modules to satisfy your degree requirements. Some examples of second and third year linguistics modules offered in recent years are:

- Neurolinguistics
- Bilingualism
- Formal Semantics

The course at York looked fascinating and has 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)

- Introduction to Language Acquisition
- The Linguistics of Consumerism
- Language and Identity
- Phonetics of Talk in Interaction

French, German, Italian and Spanish modules

On language programmes one third of each year is devoted to modules in each of your languages (one half in the first year for *ab initio* language). You then make further choices from a range of options including additional modules in your degree language(s).

Modules in French, German, Italian and Spanish are designed to give you maximum proficiency in the skills of reading, writing, speaking and understanding the language. All core language classes are taught in the target language, through seminars and practicals. You will study culture, society and current affairs, as well as grammar and use of language. Activities consist of conversation, reading, presentation of talks on prepared topics, essay writing, textual analysis, translation into English, and exercises on points of grammar, style and pronunciation. Additional modules will enable you to explore in detail aspects of the linguistic system of French, German, Italian or Spanish or the social and political impact of the languages.

Examples of modules 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 programmes are not designed to teach you to speak or write English.) The first year modules in English introduce you to the grammar and history of the language from the earliest times. You will investigate both modern and historical data to learn about developments in phonology, morphology, vocabulary and syntax. In later years a wide range of modules is available, including: modules applying linguistic analysis to modern English; history modules offering a deeper look into linguistic features and developments over time; and modules focusing on the relation of language to social and cultural issues in English-speaking societies.

Examples of modules offered 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. First year linguistics modules are taught in lectures of about 130 students, together with smaller group sessions of 15–20 students each. French, German, Italian and Spanish modules involve small group classes for language work based around student presentations with immediate feedback. Higher-level taught linguistics modules may involve seminars, work in the 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 programmes, 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 develop proficiency in your language of focus, while at the same time gaining employment experience.

On two-language programmes you spend one semester in a society where one of your target languages is spoken natively, and the second semester in a society home to your second target language. If you choose to drop one of your two languages after your second year, you spend the whole of your year away in one country.

We also participate in a study abroad exchange programme through which students on any degree

can apply to spend a year abroad in one of a number of partner universities in North America, South Africa, Australia and Asia. Check the current list of partner universities here: york.ac.uk/qlobalyork.

ASSESSMENT

A variety of assessment methods are used. Introductory modules are assessed by a mix of coursework and written examinations. Higher-level modules typically involve submission of exercises, essays, practical projects or dissertations. French, German, Italian and Spanish degrees also include oral exams.

ADMISSIONS

We are looking for students who are strongly motivated 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 pattern of school subjects. A background of study in Modern Languages, English or Classics is obviously suitable, but we are also enthusiastic about historians, mathematicians, and natural and social scientists. A working knowledge of a language other than English can be an advantage but is not required.

Because our French, German, Italian and Spanish programmes are designed to promote fluency in the languages, we do not normally allow native or nearnative 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 in the winter or spring.

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 in demand in many areas of contemporary employment.

Recent graduate employment examples include:

- marketing executive
- teacher
- international drama developer
- translator
- developer
- analyst
- HR management trainee

and cover a wide range of employers, such as:

- StudioCanal
- Oxford University Press

NHS

- Goldman Sachs
- Teach First
- Deloitte

Law School

Our innovative programmes reflect the best of modern legal educational methods along with academic rigour and depth



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)

- Scored 95% for student satisfaction*
- Joint highest proportion of 'internationally excellent' and 'world-leading' research**
- Innovative, problem-based programmes taught by leading academics
- Real-world experience integrated with your degree through links with local, national and global law firms
- Strong employability dimension with compulsory Legal Skills module

^{*} National Student Survey 2017

^{**} Research Excellence Framework 2014

LAW PROGRAMMES

	0 0710
LLB (Hons) Law	M100
LLB (Hons) Law (Senior Status) (2 year)	M101

Optional **Study Abroad** and **Placement Year** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions TutorDr Laurence Etherington

Telephone +44 (0)1904 325804

Website york.ac.uk/law

Email law-ug-admissions@vork.ac.uk

2017 Applications 1,637 **2017 Admissions** 216

TYPICAL OFFERS

LLB Law: **A levels** AAA or A*AB
or A*A*C

IB Diploma Programme 36 points

BTEC Extended Diploma

LLB Law (Senior Status): 2:1 degree or international equivalent

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ENGLISH LANGUAGE REQUIREMENT

LICAS

LLB Law: IELTS 6.5 with at least 6.0 in all units LLB Law (Senior Status): IELTS 7.0 with at least 7.0 for Writing and 6.5 for Speaking, Listening and Reading

STUDYING LAW

Law permeates most aspects of our daily life. The academic study of Law therefore focuses not just on actual legal rules, but also on the complex network of relationships and transactions they regulate. In the course of a Law degree, students learn to bring skills of analysis, reasoning and judgement to bear on topical questions with ethical, political and social dimensions, as well as on the legal aspects of ordinary, everyday interaction. This makes studying Law demanding and intellectually challenging but, at the same time, a lot of fun. As a result, a Law degree is widely seen as giving graduates a strong grounding in the logical, intellectual and social skills that higher-level jobs demand.

LAW AT YORK

York Law School delivers innovative programmes designed to provide you with the intellectual challenge of an academic discipline while simultaneously preparing you for practice. It is based on the principle that a student of Law must see and understand law in its historical, social and theoretical contexts, while also developing the skills and techniques to work with the law in a practical context.

The Department was equal fifth in the *Times Higher Education's* ranking of the 2014 Research Excellence Framework assessment and had the joint highest overall proportion of research designated as 'internationally excellent' and 'world-leading'. Our School consists of active researchers, a number of whom have a background in practice, assisted by practitioners from local and national law firms, placing it in an ideal

position to deliver programmes which reflect the best of modern legal educational methods, along with academic rigour and depth.

OUR PROGRAMMES

At York Law School we offer two- and three-year LLB programmes: our two-year Senior Status degree is an accelerated version of the three-year programme and is open to those who have completed a first undergraduate degree. The programmes consist of three streams:

- the Foundation Stream, comprising the core subjects of legal knowledge
- the Clinical Stream, comprising modules which concentrate on the accumulation of more specialised legal knowledge, the application of law and legal skills in real-world contexts and the development of generic business awareness and skills
- the Law and Society Stream, comprising an interdisciplinary programme of law-related subjects placing the law in its social and theoretical 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 discrete modules dedicated to introducing you to the social and theoretical aspects of law, and to developing legal skills, including critical reasoning, research techniques, negotiation and advocacy. From Year 2 you will also be able to choose from a broad range of options on the Clinical Stream and the Law and Society Stream. Options from the two streams can be combined over the period of your study.

The options on the Clinical Stream concentrate on the accumulation of skills and knowledge that link to the vocational stage of professional education and beyond. They include the Law Clinic, so real-world advice is integrated into the curriculum, applying legal skills to genuine cases.

The options on the Law and Society Stream are interdisciplinary in structure, delivery and student groups. They combine an overview of the rules and principles of specific areas of law with a variety of perspectives on the ideological, philosophical and political aspects of the way these laws operate in society. In taking options from this stream you will develop a deeper, critical understanding of the complexity of the issues underlying law and of its role

The problem-based learning approach of Law at York is fantastic, allowing you to develop a greater understanding of the legal issues of any given topic. Small teams work together on legal problems and seminar work, creating a strong community feel. In our practical skills modules these 'firms' represent clients in mock legal processes including negotiations, advocacy and interviews."

Ben (LLB Law, 2nd year)

and impact on society, focusing on areas of law that are of interest to you.

You will also undertake a dissertation in a subject of your choice in Year 3, or may select this as a double option in Year 2 on the Senior Status programme.

York Law School works closely with local, national and international law firms and sets of chambers in planning, designing and delivering its curriculum. Leading organisations have committed to working with York Law School in selecting students, teaching across the curriculum, and offering work experience opportunities. The result is that theory and practice are closely woven into all years of the programmes.

TEACHING AND LEARNING

A large part of the programme will be delivered through problem-based learning. In small groups, together with a staff tutor, you will take on the role of a member of a 'law firm'. Each firm will be presented with different problems brought to them – often by 'clients' in a simulated practice setting. You will then begin by identifying the legal principles involved in the problem, the known facts and the facts that need to be ascertained, and, through the process of doing so, unravel the issues that lie at the heart of the problem.

These issues will then be explored through large group sessions that provide an overview of the topic, additional firm meetings and self-directed study. The firm reconvenes with their tutor to share their findings and discuss the results of the research. In some cases, the problem will then require the practical application of those skills in specific tasks, such as drafting and negotiating a contract with another firm. The problem cycle will conclude with a wrap-up session, where you will be directed towards considering and reflecting on deeper social and theoretical issues raised by the problem, such as the issues of justice, fairness and human rights that arise in everyday life.

As the programme progresses, the problems will involve increasingly advanced tasks, often crossing subject and discipline boundaries, and more closely resembling complex real-life situations. Separate skills modules focus on building and reinforcing the practical and other skills relevant to the problems.

The options on the Law and Society Stream may be delivered through more traditional large group lecture and small group seminar sessions. These sessions aim to stimulate questions rather than provide answers, conveying a sense of the social and cultural context of law and its integration with other disciplines. Much of the teaching on these options is done in collaboration with other departments within the University.

The methods of teaching and learning used in this programme require a great deal of work and interaction. The result is a programme that is demanding, but which can also be a lot of fun, and which facilitates a much deeper understanding and appreciation of the law.

STUDY ABROAD

The Law School has opportunities for studying abroad as part of the degree. These opportunities are focused on Singapore and Hong Kong. Awareness of the global legal environment is important in the Clinical Stream and Law and Society Stream; option modules cover topics such as elements of international commercial law and international human rights.

ASSESSMENT

The assessment methods that we use at York Law School have been designed to suit the programme's unique structure, and to make assessment exercises part of the learning experience. The Foundation Stream examinations are structured in a manner that reflects the problem-based nature of the programme.

Many modules, including the Foundation Stream modules and modules on the Clinical Stream, are also assessed through coursework and reflective reports tied to different learning activities throughout the year.

Modules offered as part of the Law and Society Stream are assessed in different ways, involving examination and/or coursework.

ADMISSIONS

Our selection procedure is structured to identify students able to engage critically with the distinctive blend of different teaching and learning styles at York Law School. Selection is a two-stage process, involving scrutiny of all UCAS forms, followed by an invitation to interview for applicants demonstrating sufficient academic ability or potential. All applicants are required to pass our interview (designed to assess suitability for our style of learning) before an offer is made. A detailed guide to the interview process is available on the Law School website.

Decisions are made based on the following generic criteria:

- enthusiasm and suitability for problem-based learning
- an ability to work effectively and collaboratively in groups
- academic ability, judged by prior or predicted academic performance
- evidence of motivation and reasons for wanting to study Law

- an understanding of contemporary issues relating to law and the legal profession
- written and oral communication skills
- evidence of conscientiousness, self-motivation and responsibility, and an appropriate level of maturity
- an aptitude for rigorous, independent thought

York Law School is committed to widening access, and the selection process takes account of educational, social, health and other personal disadvantages.

Each application is considered individually and on its merits. 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

We have developed a pioneering Careers and Development Programme, which is delivered in collaboration with leading local, national and international firms and the main vocational providers. The programme includes talks by practitioners and others giving insights into the working lives of legal professionals, workshops for building professional skills and personal development, and 'link days' designed to give you real-world legal experience in a practice environment.

York Law School is a thriving research environment and so naturally we offer a number of postgraduate opportunities should you wish to take your studies further.

The combination of these activities with a problem-based academic programme puts you in an excellent position to make well-informed decisions about your career, and to set and achieve goals for and in your future working life.

Recent graduate employment examples include:

- solicitor
- barrister
- graduate management trainee
- communications manager
- technical writer
- paralegal

and cover a wide range of employers, such as:

- Hogan Lovells
- Deloitte
- Linklaters
- Marks & Spencer
- DLA Piper
- NHS

Management School

We help prepare you for your future career by providing research-led teaching, strong links with industry and numerous opportunities to enhance your skills



I've enjoyed all my modules – I've gained new skills and valuable knowledge that I will apply to my future career. I've learned how to produce a well-structured, qualitative essay and increased my understanding of economic theories and accounting."

Denitsa (BSc Business and Management, 1st year)

- Research-based education delivered by leading academics
- Promoting a broad range of transferable skills which are in demand by employers
- Strong links with industry and placement options with leading employers
- Scored 92% for student satisfaction*
- Thorough grounding in the theory and practice of business and management

^{*} National Student Survey 2017

MANAGEMENT PROGRAMMES

	UCAS
BA (Hons) Business and Management	N200
BA (Hons) Business and Management with a Year in Industry (4 year)	N203
BSc (Hons) Business and Management	N202
BSc (Hons) Business and Management with a Year in Industry (4 year)	N204
BSc (Hons) Accounting, Business Finance and Management	NN42
BSc (Hons) Accounting, Business Finance and Management with a Year in Industry (4 year)	NN4F
BSc (Hons) Marketing	N500
BSc (Hons) Marketing with a Year in Industry (4 year)	N501
BSc (Hons) Actuarial Science	NG31
BSc (Hons) Actuarial Science with a Year in Industry (4 year)	NG32

Optional **Study Abroad** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Mike Tse Telephone +44 (0)1904 325341 Website

york.ac.uk/management **Email** managementundergrad@york.ac.uk

2017 Applications 1,937 **2017 Admissions** 294

TYPICAL OFFERS

A levels
AAB
AAA for NG31, NG32
IB Diploma Programme
35 points
36 points for NG31, NG32
BTEC Extended Diploma

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

LICAS

GCSE Mathematics grade B/5 for N202, N204, NN42, NN4F, N500, N501 GCSE Mathematics grade C/4 for N200, N203 A level Mathematics for

ENGLISH LANGUAGE REQUIREMENT

NG31 and NG32

IELTS 6.5 with at least 6.0 in all units

STUDYING MANAGEMENT

In a dynamic and interconnected global economy, the role of management has never been more important. Good management is vital whether the organisation is a start-up business trying to bring a new product to market, an established company seeking to manage its people better, or a not-for-profit firm wanting to ensure that it operates in a socially responsible manner. Organisations also have to develop the capacity to cope with the demands of a rapidly changing world where there is increased risk and uncertainty, and where management decisions are highly complex. This is particularly critical in a globalised business environment and hence managers need to possess a high degree of cultural awareness with the capability to think internationally.

MANAGEMENT AT YORK

The York Management School 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 have the opportunity to discuss issues with tutors who are at the forefront of knowledge in their discipline. Our staff are highly respected within the academic community. You will be taught by academics who are passionate about their subject, which creates a dynamic and exciting learning environment.

There is a thriving research culture within the School and staff publish leading-edge research in world-class journals in areas such as accounting and finance, human resource management, business history, social entrepreneurship, international marketing, organisational theory, risk, and gender issues. Our undergraduate teaching is informed by this intense research activity.

We have links with the business community, whose leaders deliver invited lectures and seminars on a regular basis. Whether you go into employment after graduation or embark on further postgraduate study, you will be fully equipped for the challenges that lie ahead.

OUR PROGRAMMES

We have a suite of five undergraduate degrees: two offer a holistic approach to business and management, and three are tailored to specialist career paths. Our BA Business and Management offers you the opportunity to excel 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, and BSc Actuarial Science – will help you develop the key skills, techniques and strategies you need for a career in related professions.

Our graduates are sought by leading employers in the UK and beyond. We believe this is due to the strength of our research-led teaching, our focus on interdisciplinarity, and the award-winning employability route that runs alongside all of our undergraduate degrees. This has helped to make our undergraduate degrees ideal routes for students wishing to acquire key competencies for future managers in the competitive international business arena of the 21st century.

Year in Industry

All of our undergraduate degrees have an optional placement Year in Industry, which helps our students to become highly employable graduates with an understanding of the relevance of academic learning within an organisational context. A placement can help you gain many important work skills such as time management, teamworking, IT and communicating with colleagues. Students who do not undertake a placement are encouraged to seek internships instead. You will be supported in finding a paid placement or internship by our in-house careers and employability service who provide guidance on writing applications and on how to handle interviews and assessment centres. Students are not guaranteed a placement but the School will do all it can to provide a suitable placement. Students who are not successful in obtaining a placement or internship can transfer to the standard three-year programme.

WHAT YOU STUDY

Please note that the modules outlined on pages 149–151 are those currently planned for the 2018 student intake. Details of degree programmes may change. Check our website for the latest information.

BA Business and Management

The BA degree in Business and Management focuses on the culturally sensitive and ethically aware management of people within organisations. 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.

First year modules including Foundations of Business Ethics, Solving International Management Problems, and Behaviour in Organisations will begin to build your understanding of these areas. Both the Business Accounting and Information Criticality modules introduce you to the qualitative and quantitative dimensions of understanding business activity.

In Year 2, students currently study six modules in areas such as business planning and learn more about human resource management, marketing and information systems.

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 six modules from a wide range of options, or four modules plus a dissertation based on an original research project.

BSc Business and Management

This programme is designed to develop your analytical problem-solving and decision-making skills to enable you to work as a professional manager in business. Our modules will also enable you to put classroom knowledge into practice.

More mathematically rigorous than the equivalent BA, the BSc in Business and Management is a well-balanced degree that will prepare you to make complex business decisions in a volatile global marketplace.

Year 1 modules currently include Solving International Management Problems, Financial Accounting, and Foundations of Business Ethics.

Core modules in Year 2 cover Knowledge Information Systems, Business Planning, Advanced Quantitative Methods, and Project and Operations Management.

Final year core modules currently include: Business Consultancy Projects, Decision and Information Analysis, and Supply Chain Management. You can also choose from a wide range of options, including the chance to complete a dissertation based on your own research.

BSc Accounting, Business Finance and Management

This is a specialist degree combining the three important areas of accounting, finance and management.

This programme explores the challenges encountered in applying this knowledge in practice. It also examines key management topics, to understand organisational decisions that draw upon accounting and finance

expertise. 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 modules on Advanced Financial Reporting, Capital Markets, Critical Perspectives on Accounting, Finance and Management Accounting Control Systems, and two optional modules or a dissertation. The BSc in Accounting, Business Finance and Management is accredited by the Institute of Chartered Accountants in England and Wales (ICAEW), the Chartered Institute of Management Accountants (CIMA) and by the Chartered Institute of Public Finance and Accountancy (CIPFA). Graduates can claim exemption from a number of the ICAEW and CIPFA professional stage and CIMA examinations.

BSc Marketing

This specialist degree offers a wide range of marketing and international-related modules. The programme includes some special sector-specific option modules as well as modules on business and management-related topics. Module assessments are innovative in approach, with students carrying out real-life, in-company consulting reports. We also engage in competitions such as L'Oréal Brandstorm.

The first year of study currently includes: The Essentials of Marketing and Communications, The Foundations of Business Ethics, Financial Accounting, Organisational Behaviour, Management Accounting, and Quantitative Methods.

In Year 2 you further develop your knowledge with modules such as Consumer Behaviour, Marketing: Entrepreneurship and Innovation, Research and Analytics in Marketing, Business Planning, and Ethical Marketing. You also choose an optional module from a range including Branding Strategies, Management of Human Resources, and Strategic Management.

In your final year you normally take Cross-cultural Marketing and Negotiation, Pricing, Value Chain and Logistics, Business Consultancy Projects, and International Marketing Strategy. You also choose three modules which might include E-Marketing, Heritage Marketing and Management, Relationship Marketing, or Marketing in the Creative Industries.

The programme carries the Chartered Institute of Marketing Professional Certificate Accreditation.

BSc Actuarial Science

Actuaries work in a wide range of roles related to the quantitative analysis of risk in finance, investment, risk, pensions and insurance.

You will study a set of modules from The York Management School and the Department of Mathematics which balance mathematics and statistics with finance, accounting and management. In your first year you study core modules including Mathematics for the Sciences 1 and 2, Introduction to Probability and Statistics (in the Department of Mathematics), Business Economics, Finance and Financial Analysis, Financial Accounting, and Management Accounting.

In Year 2, you deepen your knowledge of probability theory, statistics and finance, and follow specialist actuarial modules such as Introduction to Actuarial Science and Actuarial Modelling. There are also option modules including Financial Reporting, Intermediate Management Accounting, Strategic Management, and Governance and Audit.

Your final year further extends your knowledge of actuarial science, and exposes you to topics such as decision theory, Bayesian analysis and contingencies. You also choose one of seven option modules in topics

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)

as diverse as Behavioural Finance. Cyber Security for Managers and Company Law.

This degree is professionally accredited with the Institute and Faculty of Actuaries and students can earn exemptions from professional exams (CT1-CT8).

TEACHING AND LEARNING

The School offers a varied and stimulating learning environment. Our research-led teaching is aimed at developing core academic and professional competencies which focus on what a graduate will be able to do, as well as what they will know, when they come to pursue employment or further study. As well as traditional lectures, our programmes involve tutorials, student-led seminars, group work and individual project work. You will draw upon innovative learning resources. including a virtual learning environment, and study a range of materials during your programme.

You will be assigned an academic member of staff to act as your personal supervisor throughout your degree, who will take a special interest in both your academic study and your general wellbeing.

Students are able to benefit from a wide range of opportunities on offer to develop their employability, both within the curriculum and through, for example, our masterclass programme, industry-led workshops, guest speakers and job fairs.

We recently achieved our highest score of 92 per cent for overall student satisfaction (2017 National Student Survey).

STUDY ABROAD

International employers are increasingly seeking graduates who have global awareness and experience of working internationally. Opportunities for study abroad are available to students enrolled on the three-year BA and BSc Business and Management degree programmes. Students on these programmes have the opportunity to study abroad during their second year for one term or a full year. The York Management School has agreements of academic exchange with universities across the world including in Italy, China and Taiwan. Many other exchange and study opportunities abroad are available to our students through the Centre for Global Programmes. For details, see york.ac.uk/qlobalyork.

ASSESSMENT

Module assessment can be based on an individual written assignment, a group project, an oral presentation, real-life company consulting reports, participation in class and examinations, or may combine these approaches. Assessment enables us to measure what you know, your interpretation and views about

study materials, and your ability to apply particular skills. Feedback to students from academic staff forms an integral part of the learning process.

ADMISSIONS

Admission is based entirely on merit and on the ability to achieve. We aim to select those students most academically able to flourish in a challenging but rewarding domain of study. We also welcome applications from mature students and those seeking to access our programmes via non-traditional pathways.

WHAT OUR GRADUATES DO

More than 97 per cent of our graduates are in employment and/or further study six months after completing their course.* 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
- marketer
- corporate finance executive
- trainee accountant

and cover a wide range of employers, such as:

Aldi

buver

- Merrill Lynch
- **Grant Thornton**

National Audit Office

- Barclays
- EY

^{*}Destinations of Leavers from Higher Education survey 2015/16 (HESA) (full-time UK students)

Mathematics

Our aim is to create a supportive culture in which students share in the intellectual excitement of Mathematics



- Strong emphasis on small group teaching, with seminars throughout the degree
- Wide variety of modules covering the full spectrum of mathematics
- Teaching by staff who are world leaders in their field
- Comprehensive tutorial system supporting all students
- 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)

MATHEMATICS PROGRAMMES

	UCAS
BSc (Hons) Mathematics	G100
BSc (Hons) Mathematics with a year in Europe (4 year)	G101
MMath (Hons) Mathematics (4 year)	G102
BSc (Hons) Actuarial Science	NG31
BSc (Hons) Actuarial Science with a Year in Industry (4 year)	NG32
BSc (Hons) Mathematics/Physics (Equal)	GF13
BSc (Hons) Mathematics/Physics (Equal) with a year in Europe (4 year)	GFD3
MMath (Hons) Mathematics/Physics (Equal) (4 year)	GFC3
BSc (Hons) Computer Science/Mathematics (Equal)	GG41
BSc (Hons) Computer Science/Mathematics (Equal) with a Year in Industry (4 year)	GGK1
MMath (Hons) Mathematics/Computer Science (Equal) (4 year)	GG14
MMath (Hons) Mathematics/Computer Science (Equal) with a Year in Industry (5 year)	GG1K
BSc (Hons) Economics/Mathematics (Equal)	LG11
BA/BSc (Hons) Mathematics/Philosophy (Equal)	GV15
BSc (Hons) Mathematics/Statistics	GG13
BSc (Hons) Mathematics/Finance (Equal)	GL11
Natural Sciences: see page 167	

Optional **Study Abroad** and **Placement Year** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutors Dr Chris Wood

Dr Brent Everitt

Telephone

+44 (0)1904 322708 **Website**

york.ac.uk/maths

Email maths-undergraduate-admissions@york.ac.uk

2017 Applications 983
2017 Admissions 207

TYPICAL OFFERS

A levels AAA/AAB IB Diploma Programme 36/35 points including HI

36/35 points including HL 6 in essential subjects

BTEC 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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

Mathematics at grade A at A level or equivalent Physics at grade A at A level or equivalent for GF13, GFD3 and GFC3; offers exclude General Studies and Critical Thinking See subject pages for equal courses

11010

ENGLISH LANGUAGE

IELTS 6.0 with at least 5.5 in each unit

For Equal combined programmes, see other subject page for IELTS score

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 students throughout the 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 PROGRAMMES

BSc/MMath Mathematics

The three-year BSc programme is designed to train graduates for a wide range of careers in which generic skills from a Mathematics degree are valued, but direct use of mathematical knowledge may be less prominent.

The four-year MMath programme is designed for those with the ability and desire to study Mathematics at a higher level, including those who may wish to follow careers as professional mathematicians in industry or research.

Both programmes are designed to develop a range of skills that are in high demand by employers: in addition to the 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 programmes.

Combined degree programmes

We offer a wide range of combined programmes, where you study Mathematics and another subject. Several are with naturally cognate subjects: Physics, Computer Science, Economics and Finance or you could even pair Mathematics with Philosophy.

Brief details follow; full information for each combined programme can be found on our website. All programmes involve the two subjects in roughly equal proportions, but with more flexibility in the final year. The distinction between three- and four-year versions (where available) is similar to that between the BSc and MMath Mathematics programmes.

BSc Actuarial Science

Actuarial Science concerns the evaluation and management of financial risk. Students take modules in actuarial topics, mathematics, statistics, accounting, finance and management, which develop problemsolving skills. The course offers an optional Year in Industry, providing invaluable hands-on experience. Employment prospects are excellent, and students will be well prepared for a successful career in insurance, banking, government, or any sector where risk management is crucial. For further information see the Management School entry on page 147.

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)

BSc/MMath Mathematics/Physics

Mathematics and Physics are natural subjects to combine in a single degree, and particularly so at York, which has a wide range of theoretical physics research in both the Department of Mathematics and the Department of Physics. The Department of Mathematics has many theoretical physicists among its staff, and offers modules, up to and including Year 4, in general relativity and quantum field theory, and projects in related areas. The programme is available as three-and four-year variants. For further information see the Physics entry on page 183.

BSc/MMath Computer Science/ Mathematics

These are naturally related subjects, and combined degrees are available in both BSc and MMath versions, as well as variants in which the penultimate year is spent in an industrial placement. Some (especially final year) modules occupy common ground between the two subjects.

The mathematics you learn – while stimulating and interesting in its own right – will enable you to better appreciate the theoretical and practical ideas that you will study in Computer Science. For further information see the Computer Science entry on page 95.

BSc Economics/Mathematics

Explicit modelling and understanding of the interactions within economies nowadays requires highly technical tools: Economics is becoming an increasingly mathematical subject.

This degree equips students with an economically relevant mathematical toolbox and applies it to solving problems in economics. It is aimed at students planning to do technical work, such as designing analytical economic models and drawing from them conclusions, predictions and policy recommendations. See also the entry for Economics on page 101.

BA/BSc Mathematics/Philosophy

Mathematics and Philosophy have occupied common ground from ancient times (Pythagoras) to modern (Russell), and share a commitment to intellectual rigour. Over the centuries, however, the two have diverged, establishing their own distinct cultural identities, and the degree programme reflects this, consisting of largely independent strands from the two departments. See also the entry for Philosophy on page 177.

BSc Mathematics/Statistics

Wherever data is collected, there is a role for statisticians and a well-trained statistician can help advance society's knowledge and welfare. This degree equips students with a rigorous statistical background on a solid mathematical base. It teaches not only the tools required to analyse data, but also why and how they work. It is taught entirely within the Department of Mathematics.

BSc Mathematics/Finance

In this programme students take modules within mathematics, statistics and financial economics. Mathematical finance is an increasingly technical profession practised by people with a strong background in mathematical sciences because of their quantitative skills. In addition to those skills, the industry is seeking graduates who are capable of carrying out sophisticated economic and financial analyses. This degree provides training in these areas. See also the entry for Economics on page 101.

YEAR IN EUROPE

In the four-year programmes, Mathematics with a year in Europe and Mathematics/Physics with a year in Europe, you spend your third year studying at one of a number of continental European universities. Classes in the language relevant to your year abroad will be available before you depart. The language is usually French, German or Spanish, but other language exchanges can be handled by special arrangement.

In your first, second and fourth years you follow one of the BSc programmes in Mathematics or Mathematics/Physics.

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 the first year of the Mathematics degree at York, you will be introduced to all three strands of mathematics. 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 foundational basis 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 in your project, either from a list of suggested project titles or by coming up with a title of your own. The other two thirds consists of your choice of modules from across the full range of pure and applied mathematics (including statistics, finance and mathematical physics).

Years 3 and 4 of MMath programmes

Year 3 of the MMath programme is similar to that of the BSc programme, but instead of an individual project you complete a group project.

Year 4 of the MMath programme involves an individual project which brings you to the research frontier, and a range of Masters-level modules, taught by active researchers in the field, which allow you to engage with exciting developments in the subject.

Final year modules

Our web pages show the broad range of optional modules currently available in the later years of our programmes. As well as covering all the main branches of modern mathematics, some of these modules reflect the special interests of members of staff, ensuring that you will be taught by lecturers who are at the forefront of their subject.

Examples of final year modules might include:

- Pure Mathematics: Differential Geometry,
 Functional Analysis, Topology, Abstract Algebra
 (Groups, Semigroups, Galois Theory), Number Theory,
 Dynamical Systems, Cryptography
- Applied and Applicable Mathematics: Fluid Dynamics, Numerical Analysis, Electromagnetism, Quantum
 Field Theory, Quantum Information, Relativity
 (Special and General), Partial Differential Equations
 (Applications and Numerical Methods), Mathematical
 Finance (Portfolio Theory, Derivatives, Black-Scholes
 Theory), Mathematical Biology, Ecological Modelling
- Probability and Statistics: Time Series, Bayesian Statistics, Multivariate Analysis, Stochastic Processes

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, for example. These alternate with problems classes. Seminars and problems classes 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 direct you to someone who does.

In a typical week's teaching, you can expect between ten and 12 lectures. With problem classes, seminars and tutorials you will have a total of about 15 and 18 timetabled hours. A comparable amount of independent study (and discussion with fellow students) is expected and this forms an important part of your degree.

The final year project, taken by all single subject students, is supported by an individual project supervisor, who is available to provide guidance and advice.

ASSESSMENT

Most modules are assessed by a written examination. Some modules may also include assessed coursework in the form of weekly or fortnightly assignments.

First year modules do not count towards the final degree mark, but to progress it is necessary to pass them.

ADMISSIONS

The fundamental criterion for admission is mathematical talent and the potential to benefit from, and succeed in, one of our programmes.

The majority of applicants for Mathematics receive conditional offers of a place, and single subject applicants will be invited for interview. If you are successful at interview, we may reduce your offer by one A level grade or equivalent. Individual circumstances are always taken into account when deciding whether to modify our typical offer.

Programme requirements

For all programmes, candidates should be studying Mathematics at A level or equivalent and expecting to achieve grade A. For the Mathematics and Mathematics/ Statistics programmes, Further Mathematics at A level is a welcome qualification, although not a strict

requirement. Applicants with Further Mathematics may receive a slightly lower overall offer.

International students

The Department has a strongly international atmosphere and welcomes applications from international students, whose qualifications are considered individually. The only fixed requirement is that you have studied material equivalent to the core of the Mathematics A level.

Mature students

We welcome applications from mature students. You should have studied Mathematics at A level or an equivalent standard in the fairly recent past, but we will not insist on any particular formal qualifications.

WHAT OUR GRADUATES DO

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 90 per cent of our graduates are in employment and/or further study within six months of completing their degree.*

Recent graduate employment examples include:

- software developer
- teacher
- actuarial analyst
- data scientist
- trainee accountant
- gaming analyst
- Aviva

JP Morgan

HSBC

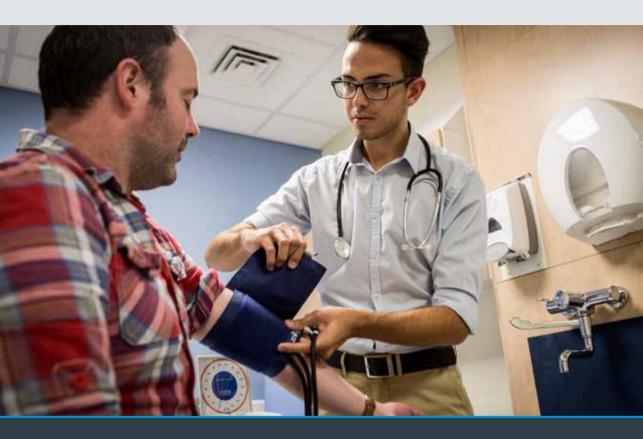
- IMB
- BAE Systems
- PwC

and cover a wide range of employers, such as:

^{*}Destinations of Leavers from Higher Education survey 2015/16 (HESA) (full-time UK students)

Medicine

Hull York Medical School provides a unique undergraduate programme, designed to equip the doctors of tomorrow with the skills to deliver exceptional healthcare



- Regular interaction with non-simulated NHS patients
- Significant contact time with senior healthcare professionals
- Problem-based learning, facilitated by practising clinicians
- Training grounded in place-based, patient-centred care, creating agile, resilient doctors

I applied to Hull York Medical School because of the combination of problem-based learning and early clinical exposure. You develop theoretical knowledge alongside practical skills in real scenarios, so you experience from an early stage what it's like to be a doctor."

Vassili (MB BS Medicine, 4th year)

MB BS Medicine (5 year, or 6 year for intercalating students)

You must apply to HYMS (UCAS institution code H75), not to the University of York or the University of Hull Students are based at either the University of Hull or the University of York for the first two years of the programme

KEY FACTS

Admissions Tutor Dr Paul Docherty

Telephone

+44 (0)1904 321690

Website

hvms.ac.uk

Email

admissions@hyms.ac.uk

2017 Applications 1,092 **2017 Admissions** 107

TYPICAL OFFERS

A levels

AAA including essential subjects

IB Diploma Programme 36 points with 6, 6, 5 in Higher level subjects

including essential subjects
BTEC Extended Diploma
We do not generally accept
BTEC Extended Diplomas

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

Biology and Chemistry A level or equivalent Offers exclude General Studies and Critical Thinking We only consider applicants who have taken the UKCAT in the year they apply (see ukcat.ac.uk)

ENGLISH LANGUAGE REQUIREMENT

IELTS 7.5 with at least 7.0 in all units

STUDYING MEDICINE

Medicine is a complex social and scientific endeavour, bringing together applied life sciences, and clinical skills and reasoning. Today's medical professionals must demonstrate values, behaviours and relationships that underpin the public's trust in doctors. Medicine is not a career for the faint-hearted but, while it is challenging, it offers an unparalleled breadth of experience.

MEDICINE AT HULL YORK MEDICAL SCHOOL

Since opening in 2003, Hull York Medical School has developed an excellent reputation for innovative, inspiring and rigorous medical education.

The school is based at both the University of York and the University of Hull, with the MB BS degree awarded jointly by the two institutions. This unique partnership provides you with access to the very best facilities, diversity of academic expertise, and exposure to leading research that each institution has to offer. It also allows the school to partner with NHS trusts from across the region, so you benefit from a unique breadth of clinical experience – covering densely populated urban areas as well as rural and coastal communities, and learning first-hand about the different healthcare challenges that each presents.

We encourage you to engage with real-life patients from the outset, embedding you in a clinical environment from week three of the programme. We also place a strong emphasis on small group study led by

senior practising clinicians, both in the classroom and in the clinical arena. This enhances your learning through significant access to senior healthcare professionals, and underpins your practical experience with the scientific knowledge you need to deliver exceptional healthcare with confidence and compassion.

Our aim is clear: to ensure that you graduate as an excellent doctor with a solid understanding of both the scientific and personal basis of medicine. Consequently, our graduates have an excellent reputation as work-ready, patient-centred communicators who are thoroughly prepared for clinical practice.

We are constantly developing our programme, responding to changes in the wider healthcare sector and to leading scientific research and feedback from students, alumni and NHS partners, to ensure we deliver a relevant, contemporary and practical curriculum.

Our dedicated student support team is based within the medical school, and is always available to offer advice and support, as well as signposting to external or University of Hull or York-based services. The team's commitment to student welfare and exceptional pastoral care ensures that you are supported throughout your time at Hull York Medical School, and guided to fulfil your potential.

OUR PROGRAMME

Our course is fresh, innovative and distinctive, with all the dynamism you would expect of a young medical school. We normally welcome 145 new students each year, plus 11 international students, with regular clinical placements beginning in the third week of the first year.

At the point of receiving an offer to study with us, you will be allocated a home base of either the University of York or the University of Hull. This is where you will complete all of your first and second year university activity, with lectures shared via interactive videolink between the two campuses, and clinical placements taking place in the local surrounding area. From your third year onwards, your clinical placement location will rotate around the North Yorkshire and Humber region.

WHAT YOU STUDY

Four key themes are woven throughout the Hull York Medical School course:

- Applied life sciences
- Clinical skills and reasoning
- Health and society
- Professionalism

These are integrated within groups of systems:

- Pathology, immunology and cancer
- Respiration, cardiovascular medicine and dermatology
- Gastrointestinal medicine, metabolic and renal medicine
- Reproduction and child health
- Mental health
- Musculoskeletal and nervous systems, special senses and elderly persons' medicine

Our spiral curriculum means you will return to each system and subject area several times, refreshing and deepening your understanding each time.

Phase I, the first two years of the programme, is designed to build the foundations of your medical knowledge and skills. Phase II (Years 3 and 4) is spent on longer clinical placements across the region in a variety of acute, primary and community healthcare settings – though you will have continued access to university teaching resources. Phase III, your final undergraduate year, will further your skills in clinical management. You will gain extensive experience in medicine, surgery and primary care, with a seven-week elective to experience an area of your choice. This phase also includes the

'assistantship' period, when graduates begin their medical careers under close supervision and with continuing educational support.

TEACHING AND LEARNING

Problem-based learning (PBL) is at the heart of Hull York Medical School's education philosophy, and central to your learning for the first two years of the MB BS programme. Led by clinicians, it is one of the many strengths of the curriculum, offering a lively, interactive and enjoyable way to build your knowledge. 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.

The aim of the first weekly session is to consider the information you need to fully understand a virtual patient's problem. Working together, you will discuss the symptoms of a patient – for example, a heavy smoker with a persistent hacking cough and hoarse voice – to establish what you already know, as well as what you need to learn. Lectures, clinical skills teaching, clinical placements, resource sessions and your own study all provide you with opportunities to explore these issues. Later in the week you will meet with your group again to share your learning, consolidating the key information.

Your problem-based learning tutor, who is an experienced doctor as well as your academic and pastoral tutor, supports and guides the group, helping you to learn in a clinically relevant context. In this context you can form strong relationships, learn how to communicate effectively in a group and work as part of a team to tackle problems; developing skills which will be invaluable throughout your medical career.

I'm a mother, a mature student and soon will be a doctor. This is proof that HYMS gives people the opportunity, knowledge, support and skills to achieve their goals."

Alicia (MB BS Medicine, 3rd year)

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.

ASSESSMENT

We make use of two main types of regular assessment: formative and summative.

Formative assessment is intended to help you recognise your progress and where you need to increase your efforts, but the marks do not count towards your final qualification. Summative examinations take place at the end of every academic year. We use these to check that you are attaining an appropriate level to progress to the next level of the course and determine your final qualification. As far as possible, we design these exams to test how well you can apply knowledge, rather than simply how well you can recall facts. This is consistent with the problem-based style of learning, which means that your learning is always set in the context of a realistic patient problem.

Equally important is your Record of Achievement, a collection of evidence which demonstrates your attendance and performance at clinical placements and clinical skills sessions. This contributes to your summative assessment and must show a satisfactory level of performance.

Finally, your Personal Portfolio helps you to develop a pattern of thoughtful reflection on your own progress,

an essential skill for all doctors to cultivate and maintain throughout their careers.

PATHWAYS TO MEDICINE

HYMS is committed to widening access to higher education and to the medical profession. We welcome applicants who bring diverse experiences to our community, including older students and graduates, who make up around 20 per cent of each intake. For information on bursary support see the HYMS website.

ADMISSIONS

Hull York Medical School usually has 156 places on the MB BS course, including 11 places reserved for non-EU students. All applications are made through UCAS directly to the school, and late applications are not considered. On average we receive around 1,300 applications each year. All applicants who meet our entry requirements are ranked according to our selection procedure, with around the top 600 candidates being invited to interview. Following interview, we normally make around 300 offers.

We give all applications full consideration, irrespective of the applicant's gender, sexual orientation, disability, marital or parental status, religion, social class, nationality, ethnic origin, or area of UK residence.

We are committed to a programme of widening access to higher education. Our admissions process selects applicants on the basis of their potential, and we take account of evidence of educational, social, health or other personal disadvantage. More details about our selection procedure can be found at

hyms.ac.uk/undergraduate/our-applications-process/our-selection-procedure.

ENTRY REQUIREMENTS

To apply for a place on the Hull York Medical School course:

- 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.
- 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.

 For students re-sitting A-levels who achieved lower than AAB at first sitting, we will consider documentary evidence of mitigating circumstances that occurred around the time of A-level exams and were reported to the school or exam board at the time. This must be submitted to us by 1 October in the year of application.

From time to time, our entry requirements may be reviewed and updated. For the very latest information, please visit hyms.ac.uk/undergraduate/before-you-apply/entry-requirements.

WHAT OUR GRADUATES DO

At the end of the undergraduate course you will receive your MBBS (or equivalent) degree, which is a primary medical qualification (PMQ). Holding a PMQ entitles you to provisional registration with the General Medical Council, subject only to its acceptance that there are no Fitness to Practise concerns that need consideration. Provisional registration is time-limited to a maximum of three years and 30 days (1,125 days in total). After this time period your provisional registration will normally expire.

Provisionally registered doctors can only practise in approved Foundation Year 1 posts: the law does not allow provisionally registered doctors to undertake any other type of work. To obtain a Foundation Year 1 post you will need to apply during the final year of your undergraduate course through the UK Foundation Programme Office selection scheme, which allocates these posts to graduates on a competitive basis.

All suitably qualified UK graduates have found a place on the Foundation Year 1 programme, but this cannot be guaranteed, for instance if there were to be an increased number of competitive applications.

Successful completion of the Foundation Year 1 programme is normally achieved within 12 months and is marked by the award of a Certificate of Experience. You will then be eligible to apply for full registration with the General Medical Council. You need full registration with a licence to practise for unsupervised medical practice in the NHS or private practice in the UK.

Although this information is currently correct, students need to be aware that regulations in this area may change from time to time. There is some discussion about whether to remove

provisional registration for newly qualified doctors. If this happens, then UK graduates will receive full registration as soon as they have successfully completed an MBBS (or equivalent) degree. It should be noted that it is very likely that UK graduates will still need to apply for a training programme similar to the current Foundation Programme and that places on this programme may not be guaranteed for every UK graduate.

The GMC is currently considering a formal assessment that UK medical graduates would need to pass in order to be granted registration with a licence to practise. Although no final decision has been taken as to whether or when such an exam will be introduced, applicants should be aware that the GMC envisages that future cohorts of medical students may need to pass parts of a medical licensing assessment before the GMC will grant them registration with a licence to practise.

Music

A leading department in creative, practical, technological and scholarly approaches to music, our flexible courses promote academic excellence through practical experience



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)

- Ranked in the top ten for Music in the UK*
- Our staff includes internationally renowned scholars, composers and performers
- Wide range of modules to match your interests and ambitions
- High quality performance opportunities
- Excellent facilities including two professional concert halls and a recording studio complex

^{*} Guardian University Guide 2018

UCAS

BA (Hons) Music W300

BA (Hons) Music and Sound Recording

J931

Optional **Study Abroad** and **Placement Year** opportunities available for both programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Dr Federico Reuben

Telephone

+44 (0)1904 324132

Website

york.ac.uk/music

Email music@york.ac.uk
2017 Applications 337
2017 Admissions 51

TYPICAL OFFERS

A levels AAB/ABB

IB Diploma Programme 35/34 points including HL 6 in essential subjects

BTEC Extended Diploma DDD/DDM

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

For Music, Music at grade A at A level, or ABRSM Grade 5 Theory and Grade 8 Performance, or equivalent For Music and Sound Recording, Music or Music Technology at grade A at A level, or ABRSM Grade 5 Theory and Grade 7 Performance, or equivalent Offers exclude General

Studies and Critical Thinking

ENGLISH LANGUAGE

IELTS 6.5 with at least 5.5 in all units

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. The studentrun Spring Festival of New Music is an annual event of national significance, and 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 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 Iones studio complex is available for sound recording and music production and an additional two studios are available for creative work and concert recording.

OUR PROGRAMMES

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 programmes 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-inassociation. 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 programme 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.

In my first year I covered a wide range of topics including Opera, Music in the Community, and Gamelan, each with a leading expert. Modules are open to all year groups, which fosters a close-knit community and you learn from each other as well as from the lecturer. Being part of several ensembles really improved my musicianship. The staff are fantastic and they tailor their teaching to your needs as a student."

Mimi (BA Music, 2nd year)

BA Music and Sound Recording

The BA Music and Sound Recording programme 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 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 form. 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 the BA Music programme, we like you to have Grade 8 or equivalent standard on your principal study instrument; some experience of harmony and counterpoint is useful. For the BA Music and Sound Recording, a minimum of Grade 5 in Music Theory and Grade 7 in Music Performance are desirable.

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 the York degree programme 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:

- choral scholar
- sound technician
- studio manager
- planning and performance officer
- musician
- music therapist

and cover a wide range of employers, such as:

- City of London
 Sinfonia
- Joseph Rowntree
 Foundation

BBC

- GlaxoSmithKline
- York Minster
- Oxford Philomusica

Natural Sciences

Our programmes offer a breadth and depth of knowledge to train the next generation of science leaders in government, industry and academia



Studying Natural Sciences at York is a unique experience which you will never find elsewhere. It allows you to study exactly what you love within science and learn from a range of departments in the University, giving you a huge skill set to take away, and at the same time it is a lot of fun."

Lara (BSc Natural Sciences: Biophysical Science, 1st year)

- Interdisciplinary research-led teaching
- Structured programmes that exploit the synergies across subjects
- Dedicated hi-tech flexible learning spaces in the School of Natural Sciences
- Individual pastoral supervisor and a subject adviser in each contributing department
- Study in world-leading research institutes

NATURAL SCIENCES PROGRAMMES

	UCAS
BSc (Hons) Natural Sciences: Mathematical Bioscience	CFG0
MSci (Hons) Natural Sciences: Mathematical Bioscience (4 year)	FGC0
BSc (Hons) Natural Sciences: Biophysical Science	CFG0
MSci (Hons) Natural Sciences: Biophysical Science (4 year)	FGC0
BSc (Hons) Natural Sciences: Nanoscience	CFG0
MSci (Hons) Natural Sciences: Nanoscience (4 year)	FGC0
BSc (Hons) Natural Sciences: Neuroscience	CFG0
MSci (Hons) Natural Sciences: Neuroscience (4 year)	FGC0
BSc (Hons) Natural Sciences: Archaeology/Biology/Chemistry/Environment	CFG0
MSci (Hons) Natural Sciences: Archaeology/Biology/Chemistry/Environment (4 year)	FGC0
BSc (Hons) Natural Sciences: Biology/Chemistry/Physics	CFG0
MSci (Hons) Natural Sciences: Biology/Chemistry/Physics (4 year)	FGC0
BSc (Hons) Natural Sciences: Chemistry/Mathematics/Physics	CFG0
MSci (Hons) Natural Sciences: Chemistry/Mathematics/Physics (4 year)	FGC0

Optional **Study Abroad** and **Year in Industry** opportunities available for some programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Dr Erik Wagenaars

Telephone

+44 (0)1904 325852

Website vork.ac.uk/natural-sciences

Email natural-sciences-admissions@york.ac.uk

2017 Applications 332 2017 Admissions 52

TYPICAL OFFERS

A levels A*AA IB Diploma Programme

37 points BTEC Extended Diploma

BTECs will be considered on an individual basis

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

Mathematics at A level or equivalent (for all programmes) Chemistry (for Arch/Bio/ Chem/Env, Chem/Maths/ Phys, Bio/Chem/Phys, Biophysical Science, Nanoscience and Neuroscience) Physics (for Chem/ Maths/Phys, Bio/Chem/ Phys, Biophysical Science and Nanoscience)

11010

Further Mathematics or Biology (for Mathematical Bioscience)

Offers exclude General Studies and Critical Thinking

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 6.0 in all units

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 blurs the distinction between disciplines by focusing on areas of interdisciplinary research excellence across the Departments of Archaeology, Biology, Chemistry, Electronics, Environment, Mathematics, Philosophy, Physics and Psychology. There is a choice of seven

combinations which provide opportunities for a wide variety of interdisciplinary study. All Natural Scientists at York undertake a final year project, typically in state-of-the-art academic research facilities.

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 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 on Thursdays 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 enjoying pizza with other Natural Sciences students.

OUR PROGRAMMES

Natural Sciences programmes 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/Year in Industry on most of our specialisation programmes.

INTERDISCIPLINARY PROGRAMMES

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; it enhances understanding of complex systems and enables quantitative predictions. The Mathematical Bioscience programme 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. Students benefit from the established interdisciplinary connections and close collaborations between these departments in both teaching and research. The skills you will develop are transferable both to other areas of research and further afield to problems in finance.

BSc/MSci Biophysical Science

(Biology/Chemistry/Physics/Mathematics)

Many of the most significant advances in biosciences have been made by biophysicists, including, for example, the famous elucidation of the structure of DNA. The Biophysical Science programme provides a quantitative grounding in the physical sciences of biology, chemistry and physics and leads students on to specialise in the interdisciplinary area of biophysics, a particular York research strength. Students will be equally comfortable engaging with physics as with biology, and will be able to apply the distinctive conceptual frameworks of these different disciplines to problems at the boundary between physics and the living world.

BSc/MSci Nanoscience

(Chemistry/Electronics/Physics/Mathematics)

Miniaturised electronic devices pervade modern-day 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 might undertake your final year project. Through the course you will learn how using quantum and statistical mechanics and thermodynamics of the very small, and arranging atoms and molecules in specific ways, leads to new materials or systems with remarkable functions. Laboratory skills are developed in our clean room.

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 programme will facilitate students working in two world-class research centres, the York Neuroimaging Centre (YNiC) and the Centre for Hyperpolarisation in Magnetic Resonance (CHyM).

I couldn't possibly choose between my three favourite subjects - Chemistry, Physics and Maths - and with York's Natural Sciences programme I didn't have to. I maintain breadth in my degree and then specialise later. From my first sight of the new Chemistry labs I knew that York was the place for me. With our own social hub, some of the most enthusiastic lecturers around and a weekly Natural Sciences hour, I couldn't have made a better choice."

Jonathan (MSci Natural Sciences: Chemistry, Mathematics and Physics, 1st year)

SPECIALISATION PROGRAMMES

You will study three or four subjects in the first year, choose any two of those subjects to continue in the second year, and then specialise in a single subject in the third year (and fourth year if you follow the MSci programme). This structure provides breadth on entry while guaranteeing depth on exit. The subject combinations have been selected to maximise genuine synergies between disciplines.

BSc/MSci Archaeology/Biology/ Chemistry/Environment

You will learn in Archaeology how field and laboratory science can be applied to the study of the human past, and how that application can bridge the 'two cultures' of science and the humanities. You will develop the ability to assess environmental problems and recommend solutions with an underlying appreciation of the socio-economic and political systems within which management decisions are made. Your skills development may include practical fieldwork.

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

We offer a year abroad or a Year in Industry on many of our programmes.

Students on programmes with an industrial placement or year abroad are not guaranteed a placement, but the School will work with its students to submit the most competitive possible applications. Students who are not successful in obtaining a placement will remain on the standard programme.

WHAT YOU STUDY

Whether studying via an interdisciplinary or specialisation pathway, the Natural Sciences programme at York is structured in such a way that you achieve breadth on entry and depth on exit. This means that, for modules which are shared with other degree programmes, you will be studying them in the same year as single subject students. The modules that are offered as part of Natural Sciences are carefully chosen to ensure that you will have satisfied all the necessary prerequisites.

A key feature of interdisciplinary research is learning to speak the 'language' of colleagues from other academic departments. While this can sometimes be challenging, it enables us to approach problems in a variety of ways – a skill applicable not only to science but also more broadly. The philosophy of Natural Sciences at York is therefore not to dilute offerings from particular subject areas but rather to combine teaching on topics that have relevance on both sides of traditional subject boundaries.

TEACHING AND LEARNING

A Natural Scientist at York experiences a variety of different types of learning events.

- Lectures are often used for primary knowledge transfer. For general first year modules, a lecturer may be teaching over 200 students at a time; for more specialised third or fourth year modules, the lecture class might 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.
 Doing experiments and understanding the experimental method is not just a useful skill but underpins the very nature of empirical science.
 Laboratory work is sometimes done in groups or pairs and sometimes individually. Some laboratory work is interwoven with lectures and tutorials; sometimes it exists as a stand-alone module.
- Projects form the climax of every Natural Scientist's time at York: every Natural Sciences programme includes a major project during the final year. On MSci programmes there is a particular aspiration to integrate projects with research and it is not unusual

- for final year undergraduate projects to contribute to publications in peer-reviewed journals.
- Subjects including Archaeology and Environment may have field trips which involve experimental work 'in the field' at locations of particular interest.

ASSESSMENT

The Natural Sciences degree programmes are assessed by a variety of methods which reflects the various types of learning outcome being tested. Knowledge-based objectives are often assessed via a closed examination; practical tasks are often assessed via notebooks or reports. With a small number of exceptions, all primary assessments are available for a single resit.

ADMISSIONS

Applicants are selected for interview based on the information in their UCAS forms. A decision on the offer level is based on both performance at interview and evidence from the UCAS form. The entry requirements are different for the various Natural Sciences programmes, although all programmes generally require Mathematics A level or equivalent: see the table below.

Applicants may change their preferred Natural Sciences course up to 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-bycase basis. We offer a range of scholarships; please see our web pages for details.

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, scientific 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 stream, research officer, patent attorney, data analyst or quality control analyst.

Courses and A level requirements	Chemistry	Physics	Maths	Biology or Further Maths
Mathematical Bioscience			Yes	Yes
Biophysical Science	Yes	Yes	Yes	
Nanoscience	Yes	Yes	Yes	
Neuroscience	Yes		Yes*	
Archaeology/Biology/Chemistry/Environment	Yes		Yes*	
Biology/Chemistry/Physics (+ Mathematics)	Yes	Yes	Yes	
Chemistry/Mathematics/Physics	Yes	Yes	Yes	

^{*}For Neuroscience and Arch/Biol/Chem/Env, we are happy to consider applications from students taking the IB with Mathematics at Standard level

Nursing, Midwifery and Healthcare

We aspire to prepare the top clinical nurses and midwifery leaders of the future



- Nursing and Midwifery programmes delivered in partnership with health and social care providers across North Yorkshire
- State-of-the-art Clinical Simulation Unit on campus
- Excellent record of employment on completion
- Our courses are led by the latest research
- Support from academic staff, including subject specialists and registered nurses and midwives with experience of clinical practice

Nursing is fulfilling, rewarding and an absolutely life-changing experience. I can guarantee that the first time you make someone's life a little better with an intervention, you'll be so proud that you chose nursing."

Hannah (Nursing student)

NURSING, MIDWIFERY AND HEALTHCARE PROGRAMMES

We deliver a range of programmes appealing to students who wish to develop their ability to think critically, deliver evidence-informed healthcare and excel in their chosen career. We are always looking at ways to refine and improve the programmes we offer to ensure they consistently meet the highest standards required in an ever-changing healthcare landscape. At the time of going to press, planned changes to the Nursing and Midwifery Council (NMC) standards for nursing and midwifery, which will have an important impact on our curricula, had not been finalised. Please consult our website for the latest information about our nursing and midwifery courses: www.york.ac.uk/healthsciences.

UCAS

Nursing Details of our courses will be announced in Spring 2019. Please see our web pages for updates BA (Hons) Midwifery Practice B720

Courses are three-year programmes unless otherwise stated

Post-registration programmes

We offer a range of modules and study days as part of our inter-professional post-registration modules. Check our website for latest details: york.ac.uk/healthsciences/ssprd.

KEY FACTS

Admissions Tutor Katie Batley

Telephone

+44 (0)1904 321321

Website

york.ac.uk/healthsciences **Email** dohs-ug-enquiries@
york.ac.uk

2017 Applications 2,554 **2017 Admissions** 205

TYPICAL OFFERS

Typical offers: We will be seeking to recruit excellent students with the highest A level, IB Diploma Programme or BTEC Extended Diploma grades. We will also require English Language, Mathematics and a Science at GCSE. Please see our website for our typical offers

Post-registration

programmes: You must be a registered practitioner

Mature students: We consider applications from

mature students alongside all other applications

ESSENTIAL SUBJECTS

See our website for subject requirements

ENGLISH LANGUAGE REQUIREMENT

IELTS 7.0 with at least 7.0 in all areas

STUDYING NURSING

The challenges of 21st-century healthcare are many. Nowhere is this more evident than when looking at the role of nurses, the work they do and where they do it. Whether it is caring for adults and children with complex physical and mental health problems in hospital, working with older people in residential care, or supporting people to lead independent lives at home, present-day nursing demands exceptional skills, knowledge and personal qualities.

You will be compassionate, with the ability to think critically and communicate effectively with professional colleagues and service users to meet the diverse needs of people in your care. What matters to them will matter to you. As a Registered Nurse, your work may involve supporting a child dying at home, managing acute illness in a critical care unit or working alongside a family coping with the impact of substance misuse. You may be helping a young person with a learning disability to understand their diabetes and the value of healthy eating. In whatever context, the commitment

is considerable, the range of knowledge and skills extensive, and the responsibility is immense, but you will make a real difference to people's lives.

NURSING AT YORK

Health Sciences is a multi-disciplinary, vibrant department with a diverse portfolio of teaching and research activities. Our overarching aim is to improve health and healthcare through the delivery of high quality teaching and research that informs policy and practice, while strengthening our position as a leading provider of education and training. We wish to develop a dynamic student community that combines a rewarding learning experience with opportunities for personal development. Our aim is to help you fulfil your potential and support your career aspirations.

Studying nursing leads to both an academic award and professional registration as a nurse. Undertaking a nursing programme leading to registration will enable you to develop the knowledge, skills and professional identity, and prepare you to lead nursing practice in modern healthcare services.

As a nursing student in the Department of Health Sciences you will experience the benefits of a large, multidisciplinary department. We are also small and friendly enough to get to know you individually and guide you in developing your career. Everything you learn in the classroom will be directly applied to your practice in simulation and then to your experience in clinical settings.

Graduates of nursing from York have been extremely successful in finding first posts on completion of the course. See page 176 for information about our students' subsequent employment.

TEACHING AND LEARNING

From the outset our aim is to provide a vibrant teaching and learning environment that will encourage and support you to become an exceptional healthcare professional. The emphasis will be studying on a research-led programme that will enable you to gain a sound understanding of the key principles of nursing which you will apply to your individual practice through a 'situated learning' approach. You are encouraged to engage in small seminar groups, student-led activities or simulated practice. This will be supported by key lectures related to the core subjects, and other broader themes, reflecting your corresponding professional development and increasingly proactive participation in nursing care. Part of your learning will take place in our state-of-theart Clinical Simulation Unit.

CLINICAL SIMULATION UNIT (CSU)

We are proud of many aspects of our nursing education at York from our excellent teaching staff, our links to world-class health research and our facilities which include our superb CSU. It is a safe and supportive environment where you can develop and enhance your clinical skills and contains much of the healthcare equipment you will find in any modern hospital. Here you will be exposed to the most up-to-date procedures and technology under safe and supervised conditions.

It provides facilities which replicate a number of areas where healthcare professionals may work; from the home environment and primary care clinics to acute hospital wards and critical care areas. Our CSU has two four-bedded hospital bays, an intensive care suite, and a bedsit. We also have a large versatile teaching area which can be divided into multiple room configurations by modern, soundproofed, movable walls.

In this environment you can practice clinical procedures using state-of-the-art skills trainers. We have lifelike, high-fidelity adult, junior and baby patient simulation manikins which replicate a range of physiological signs and symptoms. These manikins

enable you to practise responding to real-time clinical scenarios including medical emergencies.

To enhance the feedback we give to you, our CSU is equipped with excellent audio visual and IT equipment. We have a number of fixed and mobile cameras specifically designed for healthcare education. Video is held securely and playback can be done quickly on specific PCs within the Department or on our large touchscreen television. By seeing yourself in action, you can be guided as to where your strengths lie and where improvements can be made in your performance, as you continue along your journey to healthcare professional. For details see our web page

york.ac.uk/ healthsciences/nursing/facilities.

PRACTICE EXPERIENCE

Your practice is configured to enable you to gain a broad range of experience which will provide you with some flexibility to follow the journeys of patients, clients, service users. families and carers.

We maintain close relationships with local healthcare providers and your practice experience may take place in primary and acute settings as well as in the wider community in patients' or clients' homes, or in clinics across the locality.

Practice experience will be achieved over the full 24-hour period; you will sometimes be required to work a full pattern of shifts, including nights and weekends, early and late shifts. You will be expected to arrange your own travel to placements, some of which may be with partner organisations outside the city of York. It is important that you prepare for and anticipate the need to travel to placements in cities, towns and rural

I was impressed by the reputation of Nursing at York and how I was welcomed at my interview. The balance of theory and placement allows me to put what I've studied into practice. The variety of placements in my first year, from adult to mental health nursing, provides an excellent foundation of skills."

Gail (Nursing student, 2nd year)

localities across the region. You will have to use public transport to travel to placements or you can choose to use your own vehicle.

ASSESSMENT

Theory and practice are assessed equally throughout our programmes. A diverse range of teaching and assessment methods are used to achieve and demonstrate learning outcomes. These include presentations, essays, reports, simulated scenarios and examinations.

At all times during the programmes you will be guided, supported and assessed by both an academic and a practice supervisor or mentor.

MIDWIFERY AT YORK

BA Midwifery Practice

This is a Bachelor of Arts programme and the content and philosophy reflect this focus. The philosophy is based on the premise that women are central to the planning and provision of their maternity care which takes into account their culture, hopes and expectations. The programme prepares insightful midwives who have highly developed communication and interpersonal skills and are able to work in partnership with women and families in complex social contexts. We aim to develop midwives who are safe, clinically competent, autonomous practitioners, able to undertake the role of the lead professional for women accessing maternity care.

The programme at York was re-accredited with the UNICEF 'Baby Friendly' award in 2014 and the reaccreditation process will be undertaken again in Spring 2018. The Baby Friendly Initiative (BFI) award is given for high levels of education in infant-feeding educational content.

WHAT YOU STUDY

This is a modular degree comprising theory and clinical practice in approximately equal proportions. The first part of the programme is focused on the care of women and families throughout the normal pregnancy, labour, birth and postnatal adaption. The emphasis is on facilitating the development of knowledge, skills and understanding of normality so that you can then be alert to situations and clinical presentations that deviate from this state.

Subsequent modules introduce the theory and skills required when caring for women experiencing complicated maternity. You will access practice areas that support this development, for example the

Special Care Baby Unit (SCBU) and the Antenatal Day Assessment Unit.

The third year develops your ability to support women with complexities. You will explore how the midwife can facilitate optimal maternal and neonatal health in these circumstances. You will be supported throughout the course by a personal supervisor and the module leaders within the academic setting and by link lecturers and named clinical mentors within all of the practice areas.

Practice experience

Practice placements will be in maternity units and in the community across the whole of North Yorkshire, giving you the opportunity to observe and experience a range of midwifery practices and philosophies of management and care. During the programme you will also have the opportunity to undertake an elective placement and take responsibility for your own caseload of pregnant women.

ASSESSMENT

A diverse range of teaching and assessment methods are used to achieve and demonstrate learning outcomes. These include grading of clinical practice, exams, objective structured clinical examinations (OSCEs), presentations, vivas and a dissertation.

ADMISSIONS

Each year, as well as taking part in the University Open Days, we hold several open afternoons where you can hear presentations from staff and students about studying Nursing and Midwifery at York.

The way the course at York is structured is particularly good because you undertake placements alongside your study, which allows you to apply your learning straight away. The Midwifery cohorts are very small, so lecturers know each student and are always happy to support individual needs."

Charlotte (BA Midwifery Practice, 2nd year)

You will also get the chance to explore our Clinical Simulation Unit and discuss your application queries. For information, visit our website: york.ac.uk/healthsciences/information-afternoons.

Applications for all our degree programmes are made through UCAS and must be made before the January deadline. Your UCAS application will be acknowledged when it is received within the Department. We will look at your academic qualifications and if you meet or are predicted to meet the entry requirements, we will put your application forward for shortlisting by a member of academic staff from the Nursing or Midwifery team. During shortlisting, your Personal Statement and supporting evidence will be considered. You need to demonstrate your personal qualities, show what you understand of nursing or midwifery and give details of any relevant experience.

Further advice on applications and writing your Personal Statement can be found on our Department website. Evidence of care experience in a relevant setting is considered positively. This may not be in a hospital environment; you should try to find volunteering or work experience opportunities in a range of care environments, such as care homes, schools or charities. We welcome applications from mature students; however the minimum academic requirements must still be met.

The application process and interviews vary in format according to the programme you are applying for. These may include group exercises, individual interviews or multiple mini interviews. Further details can be found on our website.

All applicants to Nursing and Midwifery are required to demonstrate an awareness of and commitment to the core values of the NHS which aims to protect and deliver the highest standards of care to patients and clients. We base our selection decisions on these values and how well you are able to express them on your application and performance at our selection day. We would invite you to consider your application and your suitability for Nursing or Midwifery by reviewing the NHS Constitution (2013).

All offers will be conditional upon a satisfactory check by the Disclosure and Barring Service, a health assessment and, where appropriate, the achievement of the required qualification or grades. If you are unsuccessful in your application you can apply to us again, but you have to wait until the next application period (September to January).

POST-REGISTRATION PROGRAMMES FOR HEALTHCARE PROFESSIONALS

We offer a range of modules and study days as part of our post-registration programmes for healthcare professionals. Check our website for latest details: york.ac.uk/healthsciences/ssprd.

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 preregistration 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
- Cygnet Health Care
- Turning Point
- The Retreat
- The Cambian Group
- One to One Midwives

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



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)

- 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 student satisfaction**

^{*} Research Excellence Framework 2014

^{**} National Student Survey 2017

PHILOSOPHY PROGRAMMES

	UCAS
BA (Hons) Philosophy	V500
BA (Hons) English/Philosophy (Equal)	QV35
BA (Hons) French/Philosophy (Equal) (4 year)	RV15
BA (Hons) German/Philosophy (Equal) (4 year)	RV25
BA (Hons) History/Philosophy (Equal)	VV15
BA (Hons) Philosophy/Linguistics (Equal)	VQ51
BA (Hons) Philosophy/Sociology (Equal)	VL53
BA/BSc (Hons) Mathematics/Philosophy (Equal)	GV15
BSc (Hons) Physics with Philosophy	F3V5
BSc (Hons) Physics with Philosophy with a year abroad (4 year)	F3V7
MPhys (Hons) Physics with Philosophy (4 year)	F3VM
Combined programmes in the School of Politics, Economics and Philosophy: see page 193	
BA (Hons) Economics/Philosophy (Equal)	LV15
BA (Hons) Philosophy/Politics (Equal)	VL52
BA (Hons) Philosophy, Politics and Economics	L0V0
Combined programme in the School of Social and Political Sciences: see page 207	
BA (Hons) Social and Political Sciences with Philosophy	LL2V
Natural Sciences: see page 167	

Optional **Study Abroad** and **Placement Year** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions TutorDr Christopher Jay

Telephone +44 (0)1904 323251

+44 (0)1904 32325° Website

york.ac.uk/philosophy

Email philosophy-admissions@york.ac.uk

2017 Applications 392 **2017 Admissions** 102

TYPICAL OFFERS

A levels

AAB/A*BB/A*AC for V500, VQ51, VL53 AAA for F3V5, F3V7, F3VM AAB for all other programmes

IB Diploma Programme

35 points (may vary for combined programmes) 36 points for F3V5, F3V7, F3VM including HL6 in essential subjects

BTEC 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

Mature students

Applications from mature students are welcomed and considered individually

ESSENTIAL SUBJECTS

Certain specific subjects are required for the following combined programmes: English for QV35, French for RV15, German for RV25, History for VV15, Mathematics for GV15, Mathematics and Physics for F3V5, F3VM

11010

See page 194 for requirements for the School of PEP, page 208 for the School of SPS, page 168 for Natural Sciences

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 6.0 in all units

STUDYING 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 programmes 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 PROGRAMMES

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 programmes divide their study equally between the two subjects, though for some programmes it is possible to vary the balance in the final year.

We also contribute to programmes in the School of Politics, Economics and Philosophy (see page 193), the School of Natural Sciences (see page 167), and the School of Social and Political Sciences (see page 207). Further details of all our programmes are available on our website.

WHAT YOU STUDY

The modules on offer and the course structure may vary from year to year, but our programmes are carefully planned to ensure that you have a firm grounding in central philosophical topics before moving on to specialise.

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

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)

- 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, and with the chance to hone your skills by working on a specific topic in a small tutorial group led by an expert tutor.

The range of Key Ideas modules is wide, covering areas such as applied ethics, theory of knowledge, philosophy of mind, metaphysics, philosophy of art, religious ethics, philosophy of language, and a variety of key periods and figures in the history of philosophy.

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 programme students will typically choose at least two of these Philosophy modules; Physics with Philosophy students choose one of these modules. Most combined programme students also take a bridge module exploring links between their two disciplines.

TEACHING AND LEARNING

Learning Philosophy is not about passively absorbing information; it involves active participation. Our teaching 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), smaller tutorials, reading groups, 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. These are some of the ways in which our approach is distinctive.

STUDY ABROAD

Philosophy students may apply to spend their second year studying in Europe, where our current partners include universities in France and Germany. You can also apply to spend your second year at one of our worldwide university partners in North America, South Africa, Asia and Australia.

We have also developed an exciting partnership with Peking University in China. After you arrive at York, you can apply to transfer to our 3+1 degree programme. This gives you the opportunity to study (in English) for a year at this major research university in Beijing. After your first and second years with us, you would study at Peking University for the third year, before returning to complete a fourth year in York.

All exchanges are subject to a selection process.

ASSESSMENT

Your work will be assessed by a mixture of essays and examinations. The exact balance of assessment methods depends on the modules chosen, but is typically equally balanced in the first and second years, with 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 a conference poster.

In recent years over three quarters of our students have obtained a First or 2:1 degree; nearly all the rest obtained 2:2. Since external examiners make sure that our standards are comparable with other universities, this high performance reflects the ability of our students and, we believe, the teaching that enables that ability to be realised

ADMISSIONS

In assessing applications we look at actual and predicted examination results, at the reference from your school or college, and at your Personal Statement. If we offer you a place we will also invite you to visit the University 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.

Mature students

The normal entry requirements may be modified for mature students and you are welcome to contact us for advice. We would be pleased to receive your application, and usually several mature students join us each year. If the UCAS form does not give you 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).

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:

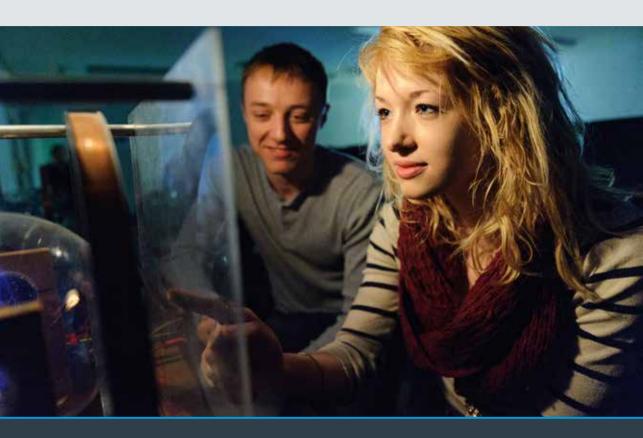
- management consultant
- HR graduate trainee
- health service manager
- research associate
- Civil Service fast streamer
- trainee solicitor

and cover a wide range of employers, such as:

- KPMG
- BAE Systems
- Nestlé
- Ogilvy
- Civil Service
- Teach First

Physics

By providing a leading research environment, outstanding facilities and excellent teaching, we'll offer you the highest quality physics education



- 97% of our graduates are employed or in further study after graduation*
- Excellent facilities including the Astrocampus and the York Plasma Institute
- All our courses are accredited by the Institute of Physics
- Optional Year in Industry or abroad with European partners
- 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 superconductors. It involved liquid nitrogen to cool various materials, putting currents through them and studying their properties."

Emma (BSc Physics, 2nd year)

^{*} Destinations of Leavers from Higher Education survey 2015/16 (HESA) (full-time UK students)

PHYSICS PROGRAMMES

BSc (Hons) Physics	F300
BSc (Hons) Physics with a Year in Industry (4 year)	F301
BSc (Hons) Physics with a year abroad (4 year)	F302
MPhys (Hons) Physics (4 year)	F303
MPhys (Hons) Physics with a Year in Industry (5 year)	F306
MPhys (Hons) Physics with a year abroad (5 year)	F305
BSc (Hons) Physics with Astrophysics	F3F5
BSc (Hons) Physics with Astrophysics with a Year in Industry (4 year)	F3F6
BSc (Hons) Physics with Astrophysics with a year abroad (4 year)	F3F7
MPhys (Hons) Physics with Astrophysics (4 year)	F3FN
MPhys (Hons) Physics with Astrophysics with a Year in Industry (5 year)	F3F9
MPhys (Hons) Physics with Astrophysics with a year abroad (5 year)	F3F8
BSc (Hons) Theoretical Physics	F345
BSc (Hons) Theoretical Physics with a Year in Industry (4 year)	F344

	UCAS
BSc (Hons) Theoretical Physics with a year abroad (4 year)	F347
MPhys (Hons) Theoretical Physics (4 year)	F346
MPhys T (Hons) heoretical Physics with a Year in Industry (5 year)	F349
MPhys (Hons) Theoretical Physics with a year abroad (5 year)	F348
BSc (Hons) Physics with Philosophy	F3V5
BSc (Hons) Physics with Philosophy with a year abroad (4 year)	F3V7
MPhys (Hons) Physics with Philosophy (4 year)	F3VM
BSc (Hons) Mathematics/Physics (Equal)	GF13
BSc (Hons) Mathematics/Physics (Equal) with a year in Europe (4 year)	GFD3
MMath (Hons) Mathematics/Physics (Equal) (4 year)	GFC3
BSc/MPhys (Hons) Physics with a Foundation Year (4 or 5 year)	F304
Natural Sciences: see page 167	

Optional **Study Abroad** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutors

Dr Andy Higginbotham Dr Vlado Lazarov

Telephone

+44 (0)1904 322241

Website

york.ac.uk/physics

Email physics-admissions@ york.ac.uk

2017 Applications 591 **2017 Admissions** 120

TYPICAL OFFERS

Typical offers may vary for combined programmes

A levels

BSc: AAB MPhys: AAA

IB Diploma Programme

BSc: 35 points including HL6 in essential subjects MPhys: 36 points including HL6 in essential subjects

BTEC Extended Diploma

BSc/MPhys: DDD plus A at A level or equivalent in essential subjects

ESSENTIAL SUBJECTS

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

Mature students

We consider applications from mature students alongside all other applications Mathematics and Physics grade A at A level or equivalent Offers exclude General Studies and Critical Thinking

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.0 with at least 6.0 in all units

STUDYING PHYSICS

Physics is the most fundamental of the sciences; its discoveries are hugely influential and have wide-ranging impacts across many interdisciplinary areas, from technology and medicine to computers and power stations. As a subject, Physics has designed the world we live in today and is at the forefront of shaping future world 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 and in turn Physics graduates have a great deal to offer employers.

PHYSICS AT YORK

Our programmes 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, home to the largest nuclear fusion research group in the UK, 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, and 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 are distinctive in our teaching approach and 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 over 90 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 excellent.

OUR PROGRAMMES

Our programmes are built around a solid core of knowledge and training in Physics. All students complete a thorough grounding in physics knowledge, scientific principles and methods, through a common core set of modules. This comprehensive understanding means that our degrees are accredited by the Institute of Physics, the professional body of physicists, and provide the tools and knowledge for students to specialise and tailor their degree as they progress their studies. Flexibility within programme 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 programmes are offered as a four-year integrated Masters (MPhys) or a three-year Bachelors (BSc) degree. The MPhys provides the opportunity to

develop specific advanced physics skills and is suited for those looking to enter an academic or industry-led 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 you 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 European partners 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 a fundamental core of 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 programme extends the BSc programme 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 which will underpin 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 newfound 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, biophysics 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 programme, 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'll gain foundational understanding of fundamental physics, scientific principles and methods. You'll 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 programme 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 methods 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 Department 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 programme. This programme incorporates all-round coverage of physics with a greater emphasis 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. Registration onto the programme is selected through the UCAS system at the time of application or takes place during the 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 a foreign country, through our year abroad placement. The Department offers exchanges in Italy, France and Germany. All our BSc with a year abroad degree programmes 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 third 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. Language prerequisites to GCSE-standard apply. Year abroad programmes can be selected through the UCAS system at the time of application.

In addition to the year abroad placement scheme, exchanges with other universities in North America, South Africa, Asia and Australia are available. Physics students can apply for places on these schemes in competition with students from other departments within the University.

ASSESSMENT

The final degree is awarded on the basis of performance in formal written examinations and 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. All prospective students are assessed on the basis of individual merit and recognised potential. Applicants are selected for interview based on the information listed in their UCAS form. 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 form. Our typical A level offer is grades AAA/ AAB including Physics and Mathematics and a suitable third subject. 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

Currently, 97 per cent of our graduates are employed or in further study six months after graduation. Of those, a total of 91 per cent are in graduate-level employment and/or further study.* The range of skills acquired during our degree programmes equips our graduates with a variety of techniques applicable in many fields of science and engineering.

Recent graduate employment examples include:

- laser scientist
- patent attorney
- metallurgist
- project manager
- nuclear graduate
- trainee medical physicist

for a wide range of employers, such as:

- Cavendish Nuclear
- NHS
- EDF Energy
- Qinetiq
- Jaguar Land Rover
- Sky UK

^{*}Destinations of Leavers from Higher Education survey 2015/16 (HESA) (full-time UK students)

Politics

Our degree programmes place you at the heart of current thinking, research and debate



- Ranked ninth in the UK*
- Learn from world-leading academics who advise governments and global organisations
- Option to add a year abroad or in industry, and shorter study abroad opportunities
- Wide choice of modules in conflict and development, international politics, political theory and public policy
- Guest lectures by high profile speakers

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 (Politics with International Relations, 2nd year)

^{*} The Times and Sunday Times Good University Guide 2018

			0 0, 10
BA (Hons) Politics	L200	O Combined programmes in the School of Politics,	
BA (Hons) Politics with a Year in Industry (4 year)	L203	Economics and Philosophy: see page 193	
BA (Hons) International Relations	L250	BA (Hons) Economics/Politics (Equal)	LL12
BA (Hons) International Relations	······	BA (Hons) Philosophy/Politics (Equal)	VL52
with a Year in Industry (4 year)	L253	BA (Hons) Philosophy, Politics and Economics	L0V0
BA (Hons) Politics with International Relations	L201	L201 Programmes in the School of Social and Political Science	
BA (Hons) Politics with International Relations	· · · · · · · · · · · · · · · · · · ·	see page 207	
with a Year in Industry (4 year)	L205	BA (Hons) Social and Political Sciences	LL32
BA (Hons) English/Politics (Equal)	QL32	BA (Hons) Social and Political Sciences	
BA (Hons) History/Politics (Equal)	VL12	with Philosophy	LL2V
		Optional Study Abroad opportunities available for all programme	S

KEY FACTS

Admissions Tutor Dr Alex Hall

Telephone +44 (0)1904 323559

Website

york.ac.uk/politics

Email poli-ug-admissions@ york.ac.uk

2017 Applications 1,282 2017 Admissions 224

TYPICAL OFFERS

A levels

AAA for VL12 AAB for all other programmes See page 194 for PEP and page 208 for SPS

IB Diploma Programme 36 points for VL12 35 points for all other programmes See page 194 for PEP and page 208 for SPS

BTEC 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

Courses are three-year programmes unless otherwise stated

Mature students
We consider applications
from mature students
alongside all other
applications

ESSENTIAL SUBJECTS

Essential subjects are required at grade A at A level or equivalent for these combined programmes:

English for QL32

History or Classical Civilisation for VL12 Offers exclude General Studies See page 194 for the

School of PEP

ENGLISH LANGUAGE

REQUIREMENT

IELTS 6.5 with at least 5.5 in all units

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

We are one of the top Politics departments in the UK, currently ninth in *The Times and Sunday Times Good University Guide 2018* and eighth in the *Times Higher Education's* ranking of the most recent Research Excellence Framework. In the National Student Survey 2017, 90 per cent of our final year students were satisfied with their course.

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. Of our 2016 Politics graduates, 87 per cent reported being in graduate level employment or further study six months after finishing their course (DLHE 2016).

OUR PROGRAMMES

You can study Politics or International Relations as a single subject, or Politics combined with International Relations, English or History. BA Politics, BA International Relations and BA Politics with International Relations have a one-year professional placement or study abroad option (see page 191). 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 193); or an interdisciplinary degree programme in the School of Social and Political Sciences (see page 207).

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 if they are to be resolved or managed effectively. You will develop specialist knowledge in international politics and 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 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 English/Politics

This combined programme 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 programme 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.

Module options include:

- Contemporary Political Philosophy
- History of Political Thought
- State, Economy and Society
- Foundations of International Thought
- War and Peace
- Politics of Development
- Human Rights and Wrongs in the Globalised World
- Politics in the United Kingdom
- Politics of the World
- The Rising Powers
- US National Security after the Cold War

Year 3

You specialise according to your own interests by choosing from a range of modules across the breadth of Politics and International Relations. Module options include:

- Governing the Globalised Economy
- Ethnicity and Conflict
- Global Justice
- Border Politics
- Political Economy of New Europe
- The Politics of Security in Africa
- Green Politics
- Gender and Political Theory
- Ethics and International Politics

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.

STUDY ABROAD AND PROFESSIONAL PLACEMENT

On our three-plus-one pathway, you can apply to add an additional year to your course (between the second and third years) for BA Politics, BA International Relations and BA Politics with International Relations. You will spend a year doing a professional placement or studying abroad, before returning to complete your final year in York.

Additional year placement

If you choose to add an additional year to do a professional placement, you apply now for the programme of your choice with a Year in Industry (see UCAS codes on page 189).

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 programmes with a professional placement are responsible for finding their own placement. The Department will actively assist in the search but a placement cannot be guaranteed.

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)

Students who are not successful in obtaining a placement will be transferred to the standard programme.

Additional year studying abroad

If you choose to study abroad for the additional year, you apply for the standard three-year programme 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.

Other study abroad opportunities

All of our three-year courses offer the chance to study abroad for a year as part of your course. You spend your second year living and studying abroad and return to finish your final year no later than those admitted in the same year at York. You can apply to study abroad for up to a year at one of a number of prestigious universities in North America, Asia and Australia.

There is also an opportunity to take part in an exchange in Europe, currently in Norway, Germany, France, Italy, Spain and the Czech Republic. For more information, visit the Centre for Global Programmes' website: york.ac.uk/globalyork.

ASSESSMENT

Assessment of Politics modules in the first and second year is by a combination of essays and examinations. Third year option modules are typically assessed by essays and some may include examinations.

ADMISSIONS

The decision to make an offer is usually made on the basis of the information on the UCAS form alone, but some mature applicants may be invited for interview. Offer-holders are invited to our post-offer 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 are required 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 IELTS) and a strong academic background. See the section for international students on page 32. For more information, visit our website.

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:

- research assistant
- trainee buyer
- policy assistant
- management consultant
- HR adviser
- campaigns assistant

and cover a wide range of employers, such as:

- Accenture
- Bank of England
- Parliament
- Civil Service

BBC

PwC

School of Politics, Economics and Philosophy

Our unique programmes give students the flexibility to choose outstanding courses from three excellent departments alongside core interdisciplinary modules



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 aenuinely contribute to the field."

Laurie (BA Philosophy, Politics and Economics, 2nd year)

- Diverse range of modules, allowing a personalised degree tailored to your interests
- Innovative interdisciplinary modules, taught by world-class researchers
- Vibrant student community and lifelong membership of the Club of PEP
- Possible opportunity to spend a year abroad in North America, Asia, South Africa or Australia
- Write for our student-run journal, VOX

POLITICS, ECONOMICS AND PHILOSOPHY PROGRAMMES

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BA (Hons) Philosophy, Politics and Economics (PPE)	LOVO
BA (Hons) Economics/Philosophy (Equal)	LV15
BA (Hons) Economics/Politics (Equal)	LL12
BA (Hons) Philosophy/Politics (Equal)	VL52

Optional **Study Abroad** and **Placement Year** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor
Dr Philippe M Frowd
Telephone

+44 (0)1904 323843 **Website**

york.ac.uk/pep **Email** pep@york.ac.uk

2017 Applications 655 2017 Admissions 155

TYPICAL OFFERS

A levels A*AA/AAA for LOVO, AAA for LVI5, LL12 and VL52 IB Diploma Programme 37/36 points

BTEC Extended Diploma
D*DD

Other qualifications For details of other

acceptable qualifications go to york.ac.uk/study/ undergraduate/applying/entry

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

UCAS

Mathematics essential at A level or equivalent for LV15. LL12

GCSE Mathematics grade A/7 required, and Mathematics A level strongly recommended for L0V0 Offers exclude General Studies

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 6.0 in all units

STUDYING PEP

Politics, Economics and Philosophy are disciplines with close intellectual and historical links. They explore fundamental questions about power, society, meaning and reality, which greatly benefit from being studied together rather than in isolation. An interdisciplinary degree in these subjects enables students to understand the world in all its complexity and diversity, through the development of a broad range of intellectual tools and transferable skills. Our graduates are able to think rigorously and systematically about some of the most important challenges in individual and social life. Furthermore, they learn to solve problems creatively outside the usual disciplinary boundaries.

PEP AT YORK

Since it was founded in 1986, the School of Politics, Economics and Philosophy (PEP) has established a very strong international reputation. The School is not itself a department but exists to co-ordinate combined degrees involving Economics, Philosophy and Politics. We provide integrated degrees in various combinations of these subjects, combining a rigorous training in each area with the flexibility to allow students to pursue their own particular interests. The defining characteristic of the four degree combinations offered is their interdisciplinary nature. Students take at least one of three interdisciplinary modules that explore the relationships between the subjects. These are The Democratic Economy; Rationality, Morality and Economics; and Ethics and Public Policy. They are specially designed and co-taught by experts in the relevant fields. Beyond these, students have a wide range of choice from the programme modules offered by three internationally recognised departments.

OUR PROGRAMMES

The School of PEP offers four degree programmes consisting of 360 credits taken over three years:

- Philosophy, Politics and Economics (PPE)
- Economics and Philosophy
- Economics and Politics
- Philosophy and Politics

All four programmes require certain modules to be taken in each of the disciplines, but beyond this students have the freedom, particularly in the third year, to weight their degrees towards particular subjects. One student may choose modules within the general theme of, say, Political and Moral Philosophy, while another might choose more diverse modules such as Life and Death, International Economics and Green Politics.

WHAT YOU STUDY

Stage 1: the first year

Students have to pass the Year 1 programme in order to progress to Stage 2.

Stages 2 and 3: the second and third years

The final degree classification is determined on the basis of the 240 credits taken in the second and third years.

BA Philosophy, Politics and Economics (PPE)

In the first year, students take modules introducing them to central ideas in economic analysis, including training in mathematical techniques for more advanced study of the discipline. Those with the equivalent of A level Mathematics have the opportunity to specialise in Probability and Statistics, which prepares them for a wider range of Economics options later in their degree. Others take our dedicated interdisciplinary module, Topics in PPE, which explores issues at the intersection of all three subjects. In Politics, students choose introductory modules such as What is Politics?; International Politics; Democratic Politics; and Political Theory. Philosophy offers modules on Ethics; Knowledge and Perception; Reason and Argument; and Beginning Philosophy.

Second year PPE students continue to study in each of the three disciplines. Core modules in Economics are taken, alongside the option of continuing to specialise in econometrics, with a wide range of Philosophy and Politics courses available. Even greater flexibility is offered in the third year, when students take at least one module in each subject, together with one of three unique interdisciplinary modules: The Democratic Economy; Rationality, Morality and Economics; or Ethics

and Public Policy. Beyond this, students are free to choose from a diverse range of courses in any of the three disciplines to make up the balance of their degree.

BA Economics and Philosophy

In the first year, students take an introductory module in Economics, together with Probability and Statistics modules which are necessary for advanced study of the discipline. Philosophy offers introductory modules on Ethics; Knowledge and Perception; Reason and Argument; and both Ancient and Early Modern Philosophy.

In the second year, Economics and Philosophy students take an equal number of credits in both subjects. Core modules in Economics sit alongside a range of options for students in Philosophy.

Third year students take at least a third of their credits in each subject, as well as the Rationality, Morality and Economics interdisciplinary module. Beyond this, students are free to choose from either discipline to make up the balance of the degree.

BA Economics and Politics

In the first year, students take introductory modules in Economics, including Probability and Statistics modules, which lay the groundwork for advanced study of the discipline. Politics offers the modules What is Politics?; International Politics; Democratic Politics; and Political Theory.

Second year Economics and Politics students take an equal number of credits in both subjects. These include

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)

core Economics modules and a choice of modules on a range of topics in Politics.

In the third year, students take at least a third of their credits in each subject, as well as an interdisciplinary module on The Democratic Economy, which brings together themes from both subjects. For their remaining modules, students are free to choose courses from either discipline.

BA Philosophy and Politics

In the first year, Philosophy offers introductory modules on Ethics; Knowledge and Perception; Reason and Argument; and both Ancient and Early Modern Philosophy. Politics offers introductory modules such as What is Politics?; International Politics; Democratic Politics; and Political Theory. Second and third year students take at least a third of their credits in each discipline, making their choice from a wide range of courses. In their final year, students also take the Ethics and Public Policy interdisciplinary module which bridges Philosophy and Politics.

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. The School prides itself on the friendliness of its staff and on the support that it provides for its students. Lecturers, seminar tutors and your academic supervisor will all help you to get the most out of the programme.

STUDY ABROAD

PEP students may apply to participate in the University's overseas exchange programme, which provides opportunities to spend a year at universities in North America, Asia, South Africa and Australia. This replaces the second year at York and courses taken count towards your York degree. For further information see the Centre for Global Programmes' website: york.ac.uk/ alobalyork.

ASSESSMENT

Students are assessed by a variety of methods including unseen examination papers and long essays. Assessments occur in each of the three years of study with students given opportunities for formative feedback.

ADMISSIONS

Selection is normally on the basis of the UCAS form alone, but some candidates may be invited for interview.

Applicants offered a place are invited to a Visit Day during the Spring Term to talk to staff and students.

The School of PEP welcomes applications from candidates with backgrounds in any set of disciplines. and it is not necessary for you to have studied Economics, Philosophy or Politics. However, where a candidate is taking A levels or equivalent in both Economics and Business Studies then only one will be accepted. For those taking A levels, we do not normally accept General Studies. We require Mathematics A level (or equivalent) for Economics and Philosophy, and Economics and Politics. We do not require Mathematics A level for the Philosophy and Politics degree. We do not require Mathematics A level for PPE, but we strongly encourage it. We require only GCSE Mathematics (grade A/7) or equivalent, but PPE applicants should certainly have sufficient interest in, and aptitude for, mathematics to cope with the mathematical elements of the course, particularly in Economics where it is useful to have learnt the basics of differentiation before starting your university course.

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:

- consultant
- HR manager
- assistant economist
- editor
- analyst
- policy researcher

and cover a wide range of employers, such as:

- Civil Service
- Grant Thornton
- Deloitte
- IBM

EY

New Statesman

Psychology

You will be taught by world-leading experts and award-winning teachers, while benefiting from our supportive environment and state-of-the-art research facilities



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)

- Scored 90% for student satisfaction*
- Consistently ranked as a world top 100 Psychology department
- Research-led teaching by world-renowned academics
- Outstanding facilities
- Accredited by the British Psychological Society, leading to professional psychologist training

^{*} National Student Survey 2017

PSYCHOLOGY PROGRAMMES

	00/10
BSc (Hons) Psychology	C800
MPsych (Hons) Psychology (4 year)	C801
Natural Calaman and 167	

Natural Sciences: see page 167

Optional **Study Abroad** and **Placement Year** opportunities available for both programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Dr Rob Jenkins

Telephone +44 (0)1904 323190

Website york.ac.uk/psychology

Email admissions@ psychology.york.ac.uk

2017 Applications 1,251 **2017 Admissions** 214

TYPICAL OFFERS

A levels AAA/AAB

IB Diploma Programme
36/35 points including one
Higher level in a
science subject

BTEC Extended Diploma
DDD (in a science, see
Department website)

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

Grade A at A level or equivalent in at least one science subject, which may include Psychology and Mathematics

ΠΟΔς

GCSE Mathematics or Statistics grade B/5 is usually required Offers exclude

Offers exclude General Studies

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 6.0 in all units

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

The Department of Psychology of York is consistently in the QS World Top 100 Rankings. In the *Times Higher Education's* ranking of the most recent Research Excellence Framework assessment, we were ranked fourth for overall performance and second for research outputs. We have consistently scored above 90 per cent in the National Student Survey. On average, over the past five years, more than 90 per cent of our students have graduated with a First or 2:1 degree.

The Department occupies 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.

OUR PROGRAMMES

We offer a three-year BSc degree programme and a four-year MPsych degree programme. We do not offer combined degrees. Our aim is to cover psychology as an experimental science. Both the BSc and the MPsych programmes are accredited by the British Psychological Society as conferring eligibility for graduate membership of the Society with the Graduate Basis for Registration. This is the first step towards becoming a Chartered Psychologist.

The aim of our programmes is to lead students to an understanding of the substance of psychology, with emphasis on the empirical study of mind, brain and behaviour. We encourage students 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 MPsych programmes make similar intellectual demands on students. The MPsych is more research-intensive and caters to a wide range of professional interests. The first two years are common to the two programmes. 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. The strand describes how information from the senses passes to the brain for further processing. Cognitive psychology concerns the underlying nature of human intellectual abilities such as attention, thinking and memory.
- Development and Language focuses on how infants and children learn to perceive and interpret objects in the world, how they acquire language and how they 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 in various aspects of psychological science.

The BSc and MPsych programmes diverge in the third year. Both programmes include advanced modules, a literature survey and a research project. The MPsych offers a choice of three specialisations to be taken during both the third and fourth years: Neuroscience and Neuroimaging; Developmental Disorders; and Experimental, Cognitive and Social Psychology. The MPsych also includes an extended research project and training in transferable skills. The advanced modules offered to both BSc and MPsych candidates can change from year to year but recent modules include:

- Introduction to Forensic Psychology
- The Psychobiology of Drug Addiction
- Issues in Clinical Psychology
- Preference and Choice
- The Cognitive Psychology of Sleep
- Developmental Cognitive Neuroscience

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)

- 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 MPsych 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
- Representation of shape in the human brain
- Rhetorical devices in political speeches

Each year several of the best undergraduate projects are published in mainstream scientific journals.

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 MPsych) assessments of the advanced modules, literature survey and research project all contribute to the final degree mark.

ADMISSIONS

Both our BSc and MPsych programmes are likely to be of most interest to applicants from a science background. One A level or equivalent should be in a science discipline, which may include Psychology and Mathematics. General Studies is not normally an accepted A level. You are normally expected to possess at least B/5 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 and is at neither an advantage nor a disadvantage.

A decision about whether an application merits the offer of a place is taken primarily on the basis of the information given on the UCAS form. Applicants are not interviewed. If you are offered a place you will be invited to a Visit Day to see the Department, meet staff and students, and look around the University.

WHAT OUR GRADUATES DO

The majority of our Psychology graduates will use the variety of skills developed through the degree programme in fields of employment related to psychology. The combination of scientific and communication skills ensures that our graduates are literate, numerate, analytical and articulate. They are able to apply these skills in a wide range of careers in subject-focused areas such as clinical psychology, neuroscience and teaching, as well as in the more general areas of management services, the financial world and marketing. It is the mix of high academic achievement and work-related skills that makes our Psychology graduates particularly versatile in a wide range of graduate job markets.

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 USA. 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.

Recent graduate employment examples include:

- trainee clinical psychologist
- statistical officer
- marketing executive
- research executive
- child and adolescent health worker
- psychological wellbeing practitioner

and cover a wide range of employers, such as:

- Neuropartners
- Ministry of Justice
- Teach First
- Cochrane

NHS

Deloitte

Social Policy and Social Work

Our programmes analyse the most pressing social issues of the contemporary world and explore how to use social scientific knowledge to tackle social injustice



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)

- Fifth in the UK for Social Policy*
- Ranked 24th in the world**
- Teaching by world-leading academics
- Wide range of modules and varied degree programmes
- Opportunities for work placements and for study abroad

^{*} Guardian University Guide 2018, The Times and Sunday Times Good University Guide 2018

^{**} QS World University Rankings 2017

SOCIAL POLICY AND SOCIAL WORK PROGRAMMES

BA (Hons) Social Policy	L430
BA (Hons) Social Policy, Children and Young People	L432
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

BA (Hons) Social and Political Sciences with Philosophy	LL2V
BA (Hons) Social and Political Sciences	LL32
Programmes in the School of Social and Political Sciences: see page 207	
	UCA3

Optional **Study Abroad** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutors

Dr Rachel Morris (BA ASS/Social Policy) Dr Katie Graham (MSocW Social Work) Dr Nathan Manning (BA Criminology and BA SPS)

Telephone

+44 (0)1904 321231

Website

york.ac.uk/spsw

Email spsw-admissions@york.ac.uk

2017 Applications 810 2017 Admissions 125

TYPICAL OFFERS

A levels

BBB AAB for L611, LL32 and LL2V

IB Diploma Programme

31 points 35 points for L611, LL32 and LL2V

BTEC Extended Diploma

DDM DDD for L611, LL32 and LL2V

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ESSENTIAL SUBJECTS

For L507 the Health and Care Professions Council (HCPC) requires all applicants to have GCSE grade C/4 or above in Maths and English or a recognised equivalent Applicants for L401 (Extended Degree) should contact the Department for more information

ENGLISH LANGUAGE REQUIREMENT

For L507 IELTS 7.0 with at least 6.5 in all units All other courses IELTS 6.5 with at least 5.5 in all units

LICAC

STUDYING SOCIAL POLICY, APPLIED SOCIAL SCIENCE OR SOCIAL WORK

Are you interested in studying current social problems and finding solutions to them? Are you concerned 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.

In the *Times Higher Education's* ranking of the most recent Research Excellence Framework assessment, which compares the research activity of all Social Policy and Social Work departments in the UK, York was equal first in the UK for the impact of our research and third overall. This means 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'. 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 PROGRAMMES

Our degree programmes 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, Children and Young People
- Social Policy, Crime and Criminal Justice

These address major social and political debates, but firmly 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. It offers a specific programme of study leading to a professional qualification in social work, for those who wish to pursue careers as social workers. 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 an integrated single honours Criminology programme, and in two interdisciplinary programmes in Social and Political Sciences, delivered in collaboration with the Departments of Politics and Sociology (see page 207).

With our degrees you will develop your skills in critical thinking, communication, data analysis and 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 might better 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.

You will also learn about the process of policymaking, the constraints imposed globally and nationally on finding policy solutions, and how policies borrowed from other countries may or may not work. You will engage with a mix of social theory and be invited to explore your own policy solutions for problems in the real world.

BA Social Policy, Children and Young People

This degree concentrates on children and young people and will show you how theory translates into practice. It will explore how different social, cultural and family circumstances impact upon child development and youth transitions.

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 often 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 professional skills and knowledge to improve the lives of vulnerable people. Service users and carers contribute directly to our teaching, giving you an unparalleled insight into the complexities of social work. You will gain the ability 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 study four core modules which introduce fundamental social and sociological theory. In Year 2 you 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

The Criminology degree offers a distinctive programme focusing on the social, economic and cultural aspects of crime and justice. After a core introduction to the subject, you have flexibility to tailor your degree to specialist interests in this field. In the first year 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 programme

delivered in collaboration with the Department of Sociology. For more information, see the Sociology entry on page 211.

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 be working in small groups to provide presentations and poster displays, discussions, online debate and role-play exercises. Occasionally, optional field trips are offered on some modules. In the final year students are given one-to-one teaching support for their dissertations. In the third year you can undertake a placement in a workplace, for which you are supported with a range of workshops; you will receive follow-up support while there. Students can choose the area to work in.

For students studying Social Work there are workshops, seminars and lectures led by academic staff, practitioners, service users and researchers. The involvement of practitioners and service users from our partner agencies is an important aspect of the teaching, and provides students with further insights into current issues and practice ideas. You will develop the skills needed to learn in a small peer group context, and to study and learn independently. You will also acquire the skills to be effective practitioners in a range of settings. To this end, you will be supervised while on placement by a practitioner with the knowledge and skills relevant to your practice setting.

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.

GLOBAL PERSPECTIVES

Our degree programmes encourage you to consider the way that decisions made in one part of the world may impact upon national policy and practice in another.

The field of international, comparative and

global social science is one of our specialist areas in the Department.

An appreciation of the relationship between national and international agendas, particularly explored in our 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.

STUDY ABROAD

There are several opportunities for students to gain an international experience, organised by the University's Centre for Global Programmes. For information about available exchange programmes, summer schools and travel grants, please see: york.ac.uk/globalyork.

Our course in Criminology and the combined course in Social and Political Sciences with Philosophy offer you the option to apply to spend an additional year studying at one of our partner universities abroad. If you choose this option, you apply for the standard three-year programme and you can apply to add an additional year once you are studying with us.

PLACEMENT OPPORTUNITIES

A feature of all programmes taught solely within the Department is that they offer placement opportunities, which are a core part of the programme for the Social Policy, Children and Young People; Social Policy, Crime and Criminal Justice; and the Social Work degrees. Students reading for the Social Policy or Applied Social Science degree can take a placement as one of their option choices.

In applying academic knowledge to the workplace, placements enhance the employability of our graduates and can lead directly to job opportunities after graduation. Most placements are undertaken within the UK, but some students combine travel with work, and recent students have secured placements in a diverse range of countries including Australia, France, Pakistan, Peru and Uganda.

For Social Work students, we are part of the Yorkshire Urban and Rural Teaching Partnership which will deliver 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

For all our degree programmes, academic work is continually assessed through coursework assignments (essays, presentations, portfolios, reports) and by some examinations. The class of degree you obtain is based

on results in the second and third years only (though students must meet progression requirements in the first year). This allows you time in the first year to settle into studying at higher education level and to improve your academic skills.

The range of assessment techniques used for continuous assessment enables all students to acquire skills in writing to different briefs. You will acquire an appreciation of how your developing academic skills – identifying, collecting and evaluating evidence in a rigorous and systematic manner – can be applied in settings outside the university context.

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.

SOCIAL WORK BURSARIES

Funding information will be available on our website once the arrangements have been finalised.

ADMISSIONS

The Department welcomes students from a range of backgrounds and we aim to be as inclusive as possible in our selection criteria. If you wish to apply to study for a programme in Social Policy or Applied Social Science, we accept a broad range of qualifications including vocational training. We do not expect you to have any particular subject knowledge and each applicant is considered on an individual basis.

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)

Similarly for Social Work applicants, we accept a range of qualifications including A levels, BTEC National Diploma, Accredited Access and NVQ Level 4. For mature applicants, we normally expect that you will have had some recent successful experience of study at Level 3 or equivalent. For information on other qualifications we accept, please contact one of our Admissions Tutors whose contact details are given on page 202.

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.

WHAT OUR GRADUATES DO

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 Children and Young People pathway have gone on to traineeships in the major children's charities or in youth support services. Others have followed a research career or undertaken further training in primary school teaching, specialist social work or mental health services.

Graduates of the Crime and Criminal Justice pathway will have opportunities to work in services related to the Police 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.

The current demand for professionally qualified social workers is strong and employment prospects are good in both the statutory and voluntary sectors. Given the quality of training at York, you will be well placed in terms of future employment opportunities.

Recent graduate employment examples include:

- social worker
- adoption family support worker
- policy and strategy adviser
- fundraising officer
- community engagement and communications officer
- associate consultant

and cover a wide range of employers, such as:

- Civil Service
- NHS
- local councils
- NSPCC
- Goldman Sachs
- Police Force

School of Social and Political Sciences

Our distinctive interdisciplinary programme enables you to personalise your studies from a wide range of modules provided by three outstanding departments



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)

- 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

^{*} Research Excellence Framework 2014

SOCIAL AND POLITICAL SCIENCES PROGRAMMES

	0 0,10
BA (Hons) Social and Political Sciences	LL32
BA (Hons) Social and Political Sciences with Philosophy	LL2V

Optional **Study Abroad** and **Placement Year** opportunities available for both programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Dr Nathan Manning

Telephone +44 (0)1904 323048

Website york.ac.uk/sps

Email ssps@york.ac.uk

2017 Applications 164 2017 Admissions 51

TYPICAL OFFERS

A levels AAB

IB Diploma Programme
35 points

BTEC Extended Diploma
DDD

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 5.5 in all units

ΠΟΔς

STUDYING SOCIAL AND POLITICAL SCIENCES

Tackling issues such as globalisation, poverty, democratic governance, climate change, conflict, migration, peace, protest, development, human rights, the impact of new media, cultural identity and change, 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:

- Cultural identity
- Global justice
- Social inequalities
- Sexuality and gender
- Conflict and security
- International cooperation and development
- Migration
- Race and ethnicity
- The future of the welfare state
- Ethics and society
- Crime and policing
- Human rights
- 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 student SPS Society. The Society's former president described it as 'a unique way to meet people across all three years; you are able to get insider information on everything from the most interesting modules to the best bars in town.' The SPS Society organises social events throughout the year and runs a buddy system, Smart Person for Support (SPfS), so that new students have an established SPS student they can talk to about any course-related issues. You can find out more at spssoc.org.

OUR PROGRAMMES

At York we offer a three-year programme in Social and Political Sciences or in Social and Political Sciences with Philosophy. We also offer four-year programmes 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 programmes 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 a strong grounding in the three (or if studying Philosophy four) disciplines, students take more specialised modules in the second and third years, chosen from a wide range of modules offered by our collaborative departments. This enables students to construct a personal portfolio that matches their interests and career aspirations. Some students will choose to concentrate on a closely related set of modules, for instance on migration or environmental policy and sustainability, while others may wish to be more eclectic in their selection.

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 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

The second year curriculum is based on an interdisciplinary core and the flexibility to choose option modules from across the three departments. SPS students 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. See *york.ac.uk/sps* for further details.

The core module provides an understanding of the key methods of social scientific enquiry and their relationship to research practices. Social Research Methods provides you with an 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

The final year is based on a dissertation which allows you to engage in independent research in the social and political sciences, and a 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, for example social media and contemporary culture; health; poverty and welfare; human rights and development; and identities, diversity and equality.

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)

BA Social and Political Sciences with Philosophy

Students who are interested in having further choice can opt for our three-year Social and Political Sciences with Philosophy degree and choose from a range of Philosophy modules in each year of study. The course offers the same flexibility as the Social and Political Sciences programme.

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
- Moral Philosophy
- Global Justice
- 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.

STUDY ABROAD

BA Social and Political Sciences and BA Social and Political Sciences with Philosophy have a one-year study abroad option. You can apply to add an extra year between the second and final years, after which you would return to complete your final year in York.

In addition to the above, you can apply to study in Europe through our links with universities in Norway, Finland, Germany, Sweden, the Netherlands, Italy and the Czech Republic. You can also apply to study abroad for up to a year via the University's exchange schemes with worldwide university partners in North America, South Africa, Asia and Australia. Both of these schemes allow the transfer of course credits to York, which means that participants graduate no later than those admitted in the same year at York.

ASSESSMENT

Assessment of course modules throughout the programme will be a mixture of essays, examinations and online exercises designed to meet the appropriate learning objectives. The first year provides an assessment of the skills and understanding necessary to 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 form alone. If you are offered a place you will be invited to visit the School of SPS during the Spring Term in order to meet with members of staff and students from the three departments. It is not necessary for prospective students to have studied social sciences prior to commencing the programme and we will consider a wide range of subjects as appropriate for the programme.

The School of Social and Political Sciences is committed to widening access and our selection process takes account of a range of educational, social, health and other personal disadvantages. We also welcome applications from mature students and students from overseas who through their range of experiences make a valuable contribution to the learning and social aspects of the School.

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:

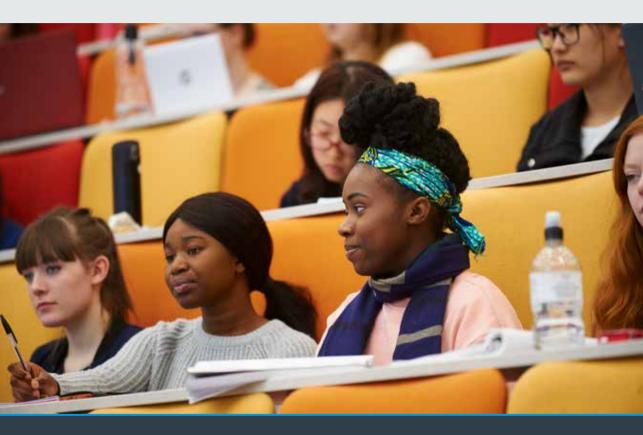
- broker
- parliamentary assistant
- public relations executive
- research assistant
- campaigns officer
- communications coordinator

and cover a wide range of employers, such as:

- Joseph Rowntree Foundation
- Civil Service
- Macmillan Cancer Support
- NHS
- International Service

Sociology

Sociology at York is innovative, critical and relevant. We provide a grounding in the subject while involving you in the latest developments in the discipline



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)

- Second in the UK for Criminology*
- Ranked in the top 15 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

^{*} Guardian University Guide 2018

^{**} Guardian University Guide 2018, Complete University Guide 2018

^{***} Times Higher Education's ranking of the Research Excellence Framework 2014

SOCIOLOGY PROGRAMMES

	UCAS
BA (Hons) Sociology	L300
BA (Hons) Criminology	L611
BA (Hons) Sociology with Criminology	L390
BA (Hons) Sociology with Social Psychology	L392
BA (Hons) Sociology/Education (Equal)	LX33
BA (Hons) Philosophy/Sociology (Equal)	VL53
Programmes in the School of Social and Political Sciences: see page 207	
BA (Hons) Social and Political Sciences	LL32
BA (Hons) Social and Political Sciences with Philosophy	LL2V

Optional **Study Abroad** and **Placement Year** opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutor Dr Nathan Manning

Telephone +44 (0)1904 323048

Website york.ac.uk/sociology

Email sociology-admissions@ york.ac.uk

2017 Applications 729 **2017 Admissions** 131

TYPICAL OFFERS

DDD/DDM

A levels
AAB for L611, VL53,
LL32, LL2V
ABB for L300, L390, L392,
LX33

IB Diploma programme 35/34 points BTEC Extended Diploma For details of other acceptable qualifications go to york.ac.uk/study/ undergraduate/applying/entry

Other qualifications

Mature students

We consider applications from mature students alongside all other applications ENGLISH LANGUAGE

IELTS 6.5 with at least 5.5 in all units

LICAS

STUDYING SOCIOLOGY

Have you ever wondered how globalisation is changing social life today? Or why popular culture is increasingly dominated by 'reality' TV and media coverage of 'celebrities'? Have you questioned how digital media mobile phones, Facebook, Twitter and the rest of the internet - shape our social lives and sense of self? Have you thought about how language affects our social relations with others? Have you found yourself in debates about the social causes of crime, or the importance of gender in structuring our everyday lives? Are you interested in the changing nature of modern cities, or in what your postcode says about you? Are you concerned about the powers of science and technology today, or about the future of the environment? If these issues are of interest, then Sociology is for you. In Sociology you will find a discipline characterised by extraordinary creativity, innovation and enterprise in its attempt to create an understanding of the complex world around us. Examine how our actions are shaped by our social environment and explore the values, ideas and beliefs people hold, and the lives we live.

SOCIOLOGY AT YORK

The Department of Sociology was first in the UK for research quality (in the *Times Higher Education's* ranking of the most recent Research Excellence Framework assessment) and has been an internationally renowned department since its foundation in the early 1960s. At York you will be taught by leading academics whose research feeds directly into our courses.

We are consistently ranked highly in university league tables for Criminology and Sociology. We offer stimulating degree courses designed to bring out the best in students and consistently receive high scores in the National Student Survey.

OUR PROGRAMMES

We offer the chance to study Sociology as a single subject, or in combination with Criminology, Social Psychology, Education or Philosophy. For BA Sociology and BA Criminology, you can apply to add an extra year to your course to study abroad between your second and third years, and return to complete your final year at York. 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 programmes and are structured as a 50/50 split.

We are also involved in the delivery of a stimulating and flexible programme 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 207.

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 structures, actions and beliefs within society will enable you to answer questions around issues such as inequality, rights, freedom and identity. By choosing to study Sociology at York you will discover a discipline that is characterised by extraordinary innovation and critical insight. You will be contributing to a department that is leading the way in creating the sociological thought of the future.

You will address the historical roots of contemporary social issues as diverse as social media, racism, interaction, identity, health and inequality.

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:

- Introduction to Sociological Theory
- Cultivating a Sociological Imagination
- Sociology of Crime and Deviance
- Introducing Social Psychology

You 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 study one core module, Social Research Methods, and choose three others, allowing you to tailor your course to your own interests and passions. Module options currently include:

- Contemporary Political Sociology
- Gender, Sexuality and Inequalities
- Sociology of Health and Illness
- Popular Culture, Media and Society
- Nature, Culture and Technology
- Division and Inequalities: Race, Ethnicity, Class and Religion
- Social Interaction and Conversation Analysis

Vaar 3

You pursue your own specialist interests through your Sociology dissertation, which allows you to develop your own research project. You also select four advanced modules from a wide range that may include:

- Body and Society
- Cinema, Cities and Crime
- Art. Tastes and Stratification
- Humans and Other Animals
- Performance and Society
- Migration and Tourism
- Advanced Social Theory
- Paranormal in Society
- The Racial State
- Imagining Sociological Alternatives

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)

BA Criminology

This programme, 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 expertise in understanding 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. You take four core modules:

- Introducing Social Policy
- Introduction to Sociological Theory
- Sociology of Crime and Deviance
- Introducing Criminal Justice

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:

- Contemporary Political Sociology
- Victimisation and Social Harm
- Gender, Sexuality and Inequalities
- Sociology of Health and Illness
- Citizenship, Difference and Inequality
- The Policy Process
- Popular Culture, Media and Society

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 that could include:

- Philosophy of Criminal Law
- Cinema, Cities and Crime
- Youth Justice
- Prisons and Penal Policy
- Crime, Justice and the Sex Industry
- Criminal Justice and Policing
- Vulnerability. Deviance and Social Control
- Child Abuse and Social Policy
- Illicit Drug Use
- Crime, Gender and Sexuality

BA Sociology with Criminology

This programme 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 programme 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 for BPS recognition.

Year 1: the same as BA Sociology

Year 2: Social Research Methods, Critical Perspectives on 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 option 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 Education entry on page 107.

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 Philosophy entry on page 177.

TEACHING AND LEARNING

Teaching takes place through a combination of lectures and small group workshops, as appropriate to the module being taught. The emphasis moves towards student participation and involvement as the degree proceeds through the three years.

STUDY ABROAD

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 the second and third years, and return to complete your final year in York.

In addition, there are opportunities to apply to study in Europe through our links with universities in Norway, Finland, Germany, Sweden, the Netherlands, Italy and the Czech Republic as part of a standard three-year course. You can also apply for a place on the University's exchange schemes with worldwide university partners in North America, South Africa, Asia and Australia.

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 varv.

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. A level General Studies is accepted as equivalent to other subjects.

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. Mature applicants are sometimes invited to an interview.

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. Overseas students who wish to visit the Department for one year, or even a term, rather than taking an entire degree, enjoy access to the full range of modules available and benefit from personal supervision.

WHAT OUR GRADUATES DO

Sociology at York is rich in transferable skills that will be of value when you graduate. Intellectual skills associated with research and the analysis of complex ideas, arguments and theories, the capacity to present succinct reports, plus practical skills such as time management and group work, are a firm foundation on which to base career development.

Graduates of Sociology at York succeed in a wide range of careers, including private sector management, public sector administration, finance and creative/media roles.

Recent graduate employment examples include:

- financial services consultant
- policy and strategy adviser
- prosecution team officer
- public affairs and communications officer
- campaigns assistant
- trainee social worker

and cover a wide range of employers, such as:

- Cancer Research
- Frontline

BBC

- Lloyds Banking Group
- Civil Service
- EY

Theatre, Film and Television

Our world-class facilities, teaching by renowned academics, and masterclasses from industry leaders will prepare you for your future career



- Over £30m invested in industry-standard facilities
- World-leading researchers, dynamic teachers and industry professionals
- Excellent contacts with interactive media industries, film, TV and theatre
- Degree programmes 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)

THEATRE, FILM AND TELEVISION PROGRAMMES

	OCA3
BA (Hons) Theatre: Writing, Directing and Performance	W440
BSc (Hons) Film and Television Production	W600
BSc (Hons) Interactive Media	WG24

Optional Study Abroad and Placement Year opportunities available for all programmes Courses are three-year programmes unless otherwise stated

KEY FACTS

Admissions Tutors

Theatre: Writing, Directing and Performance: Dr Ollie Iones Dr Louise LePage

Film and Television Production: Patrick Titley Paul Ryan

Interactive Media: Dr Jonathan Hook

Telephone

+44 (0)1904 325220 Website

vork.ac.uk/tftv

Email

tftv-enquiries@york.ac.uk

2017 Applications 1,131 **2017 Admissions** 189

TYPICAL OFFERS

A levels AAB

IB Diploma Programme 35 points

BTEC Extended Diploma DDD

Other qualifications

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

Mature students

We consider applications from mature students alongside all other applications

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ESSENTIAL SUBJECTS

Offers exclude General Studies and Critical Thinking

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 5.5 in all units

STUDYING THEATRE. INTERACTIVE MEDIA, FILM AND TELEVISION

Our courses will encourage you to explore the creative worlds of writing and performance, the newest developments in interactive digital technology, and the latest trends in cinema and TV. 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 importance of screen, interactive or theatrical storytelling, 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 and share your learning experiences, across the fields that dominate the contemporary creative industries.

THEATRE. INTERACTIVE MEDIA. **FILM AND TELEVISION AT YORK**

Central to all of our programmes is the combination of theory and practice: we strive for the highest academic standards, but we also attend constantly to the practical work of creating plays, films and television programmes, games, VR, web applications and other forms of interactive media. All of this

takes place within our magnificent £30m building, a home like no other, with its industry-standard theatres, television studios, shooting stages, postproduction facilities and rehearsal rooms.

Our teaching staff includes historians and theoreticians of film, theatre and television; leading experts in interactive media, computer games and web design; specialists in image and audio technologies; and experienced practitioners from industry who will guide you through film and TV production, script and screen writing, and staging and devising theatre plays. The ethos of the Department is collaborative at every level, making it a very exciting and innovative place in which to study.

Our BSc in Film and Television Production, accredited by Creative Skillset, is the highest ranked vocationallyorientated UK film and TV course in the Guardian University Guide 2018. We also score highly for student satisfaction: in the National Student Survey 2017 our BSc in Interactive Media was highest scoring in the Russell Group for six measures in its subject area, including overall satisfaction (95%). Our BA Theatre: Writing, Directing and Performance programme was highest scoring in the Russell Group in five areas for Drama, with 96% overall satisfaction.

OUR PROGRAMMES

BA Theatre: Writing, Directing and Performance

This theatre programme 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. We have designed this BSc to ensure that you will have a well-rounded understanding of all facets of these media. Production techniques are taught intensively but always hand in

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)

hand with theoretical and historical aspects of film and television and an understanding of the underlying technologies.

Year 1 focuses on the fundamentals of each of these areas. In Year 2, the emphasis is on production, with each student making a short film and a studio television production, with further historical and analytical work as well as options on screenwriting, documentary and technological issues. Year 3 provides specialist production experience, an understanding of contemporary film and television business and a final project in which you are able to pursue your own interests. Drawing on the academic and professional expertise of our staff, our extensive contacts in industry and our industry-standard facilities, this programme will ensure that you are well prepared for a career in this dynamic industry.

BSc Interactive Media

The field of interactive media covers a wide range of computer-based products and services, such as games, virtual and augmented realities, mobile apps, social media and interactive websites. Production teams are made up of software engineers, fine artists, designers and project managers, and a broader range of skills is also required for the production of assets: the graphics, music, characters and sounds that feed into the interactive experience. This innovative BSc programme will equip you to succeed in this dynamic and constantly developing environment. It makes the most of our superb facilities and our strong links with industry.

In the first year, you will explore the fundamentals of software programming and the production of audio and visual assets for interactive media systems. You will also explore the social and cultural impact of interactive media technologies and the nature of interactive storytelling. In the second and third years, you will learn how interactive media are formed from the coming together of traditional media production methods with interactive technologies. You will also have the opportunity to specialise in different aspects of interactive media, for example: mobile interaction, virtual and augmented reality, user-experience design and games studies.

TEACHING AND LEARNING

Our programmes employ a rich array of teaching methods, including lectures, seminars, tutorials, workshops, laboratory sessions, production projects, dramaturgical and technical exercises, and masterclasses given by visitors from industry. Throughout the programmes, practical experiment, production activity and training run alongside analytical and historical work.

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 programmes); practical exercises, both individual and collaborative, including writing, directing, producing and, on the BA, performing; and larger-scale collaborative production projects.

FACILITIES

The Department occupies custom-built premises on Campus East. 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. Many of these facilities are also used by interactive media students, who also have a dedicated high-specification computer laboratory.

ADMISSIONS

For all our programmes, selection is on the basis of information provided on the UCAS form and may also involve invitation to interview and/or submission of sample creative or analytical work. General Studies and Critical Thinking are normally excluded from typical offers.

Theatre: Writing, Directing and Performance

The ideal students for this programme combine intellectual ambition with an eagerness to gain experience of creative practice in theatre. We look for a combination of strong analytical ability and a capacity to work co-operatively, ambitiously and productively with others, plus experience in a related field of activity, such as amateur theatre or film making. We do not require that you have previously studied theatre.

Film and Television Production

Applicants should be eager to develop their creative, technical and analytical skills while engaging with media theory, history and business structures. We do not ask that you have already studied film or television, although this can be helpful. We do look for a passionate commitment to those media and evidence of developing production interests and expertise.

Interactive Media

The ideal students for this multidisciplinary programme will be driven by the desire to combine artistic and technical skills with critical thinking to create content for 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.

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.

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, academic research and arts administration. Employers include: Ambassador Theatre Group, the BBC, ITV, the Bush and Orange Tree Theatres in London 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, varied production positions at the BBC, 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

With their wide range of technical, design and analytic skills, our graduates enter the professional world in various ways, such as web/ AR/VR development, project management, digital content production, and user experience design; others pursue Masters degrees and academic research. Employers include: EON Reality, Scott Logic, Netsells, the Open Data Institute, and FTI Consulting.



Programmes index

PROGRAMME TITLE

This index lists the undergraduate programmes 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 programmes 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.

OUALIFICATION

SUBJECT SECTION[S]

PAGE[S]

PROGRAMME TITLE	QUALIFICATION	SUBJECT SECTION[S]	PAGE[3]
A			
Accounting, Business Finance and Management	BSc (Hons)	Management School	147
Accounting, Business Finance and Management with a Year in Industry	BSc (Hons)	Management School	147
(4 year)			
Actuarial Science	BSc (Hons)	Management School; Mathematics	147, 152
Actuarial Science with a Year in Industry (4 year)	BSc (Hons)	Management School; Mathematics	147, 152
Applied Social Science	BA (Hons)	Social Policy and Social Work	201
Archaeology	BA/BSc (Hons)	Archaeology	68
Archaeology and Heritage	BA (Hons)	Archaeology	68
for Archaeology programmes, see also Natural Sciences: Archaeology/Biology.	/Chemistry/Environm	ent	
Art History see Curating and Art History; History of Art			
Artificial Intelligence see Computer Science with Artificial Intelligence			•
Astrophysics see Physics with Astrophysics			•
Atmospheric Chemistry see Chemistry, the Atmosphere and the Environme	nt		
В			
Bioarchaeology	BSc (Hons)	Archaeology	68
Biochemistry	BSc (Hons)	Biochemistry	73
Biochemistry (4 year)	MBiochem (Hons)	Biochemistry	73
Biological and Medicinal Chemistry see Chemistry, Biological and Medicinal	Chemistry		
Biology	BSc (Hons)	Biology	77
Biology (4 year)	MBiol (Hons)	Biology	77
for Biology programmes, see also Natural Sciences			
Biomedical Sciences	BSc (Hons)	Biomedical Sciences	84
Biomedical Sciences (4 year)	MBiomedSci (Hons)	Biomedical Sciences	84
Biophysical Science see Natural Sciences: Biophysical Science			
Bioscience, Mathematical see Natural Sciences: Mathematical Bioscience			
Biotechnology and Microbiology	BSc (Hons)	Biology	77
Biotechnology and Microbiology (4 year)	MBiol (Hons)	Biology	77
Business and Management	BA/BSc (Hons)	Management School	147
Business and Management with a Year in Industry (4 year)	BA/BSc (Hons)	Management School	147
Business Finance see Accounting, Business Finance and Management			•
Business Management see Electronic Engineering with Business Manageme	nt		
C			
Chemistry	BSc (Hons)	Chemistry	88
Chemistry with a year abroad/in industry/in York (4 year)	MChem (Hons)	Chemistry	88
Chemistry, Biological and Medicinal Chemistry	BSc (Hons)	Chemistry	88
Chemistry, Biological and Medicinal Chemistry with a year abroad/in industry/in York (4 year)	MChem (Hons)	Chemistry	88
Chemistry, Green Principles and Sustainable Processes	BSc (Hons)	Chemistry	88
Chemistry, Green Principles and Sustainable Processes with a year abroad/in industry/in York (4 year)	MChem (Hons)	Chemistry	88
Chemistry, the Atmosphere and the Environment	BSc (Hons)	Chemistry	88
Chemistry, the Atmosphere and the Environment with a year abroad/in industry/in York (4 year)	MChem (Hons)	Chemistry	88
for Chemistry programmes, see also Natural Sciences			
Children and Young People see Social Policy, Children and Young People			***************************************
Communication Engineering see Electronic and Communication Engineerin	g		••••••
Computer Science	BEng/BSc (Hons)	Computer Science	95

PROGRAMME TITLE	QUALIFICATION	SUBJECT SECTION[S]	PAGE[S
Computer Science with a Year in Industry (4 year)	BEng/BSc (Hons)	Computer Science	9:
Computer Science (4 year)	MEng (Hons)	Computer Science	9!
Computer Science with a Year in Industry (5 year)	MEng (Hons)	Computer Science	95
Computer Science/Mathematics (Equal)	BSc (Hons)	Computer Science; Mathematics	95, 152
Computer Science/Mathematics (Equal) with a Year in Industry (4 year)	BSc (Hons)	Computer Science; Mathematics	95, 152
Computer Science with Artificial Intelligence (4 year)	MEng (Hons)	Computer Science	95
Computer Science with Artificial Intelligence with a Year in Industry	MEng (Hons)	Computer Science	95
(5 year)	0	•	
Computer Science with Cyber Security (4 year)	MEng (Hons)	Computer Science	95
Computer Science with Cyber Security with a Year in Industry (5 year)	MEng (Hons)	Computer Science	95
Computer Science with Embedded Systems Engineering (4 year)	MEng (Hons)	Computer Science	95
Computer Science with Embedded Systems Engineering with a Year in Industry (5 year)	MEng (Hons)	Computer Science	95
Crime and Criminal Justice see Social Policy, Crime and Criminal Justice		····	•••••
Criminology	BA (Hons)	Social Policy and Social Work;	201, 21
		Sociology	,
Curating and Art History	BA (Hons)	History of Art	133
Curating and Art History with a year abroad (4 year)	BA (Hons)	History of Art	133
			15.
D			
Directing and Performance see Theatre: Writing, Directing and Performance			
E	DC - (11-)	Dielem	
Ecology	BSc (Hons)	Biology	77
Ecology (4 year)	MBiol (Hons)	Biology	77
for Ecology programmes, see also Environment, Economics and Ecology			
Economics	BSc (Hons)	Economics and Related Studies	101
Economics and Econometrics	BSc (Hons)	Economics and Related Studies	101
Economics and Finance	BSc (Hons)	Economics and Related Studies	101
Economics, Econometrics and Finance	BSc (Hons)	Economics and Related Studies	101
Economics/Mathematics (Equal)	BSc (Hons)	Economics and Related Studies; Mathematics	101, 152
Economics/Philosophy (Equal)	BA (Hons)	Economics and Related Studies;	101, 177
		Philosophy; School of PEP	193
Economics/Politics (Equal)	BA (Hons)	Economics and Related Studies;	101, 188
		Politics; School of PEP	193
for Economics programmes, see also Environment, Economics and Ecology		····	
Education	BA (Hons)	Education	107
Electronic and Communication Engineering	BEng (Hons)	Electronic Engineering	111
Electronic and Communication Engineering with a Year in Industry	BEng (Hons)	Electronic Engineering	11
(4 year)	··•····		.
Electronic and Communication Engineering (4 year)	MEng (Hons)	Electronic Engineering	111
Electronic and Communication Engineering with a Year in Industry (5 year)	MEng (Hons)	Electronic Engineering	111
	PEng (Hons)	Electronic Engineering	111
Electronic and Computer Engineering	BEng (Hons)	Electronic Engineering	111
Electronic and Computer Engineering with a Year in Industry (4 year)	BEng (Hons)	Electronic Engineering	111
Electronic and Computer Engineering (4 year)	MEng (Hons)	Electronic Engineering	111
Electronic and Computer Engineering with a Year in Industry (5 year)	MEng (Hons)	Electronic Engineering	111
Electronic Engineering	BEng (Hons)	Electronic Engineering	111
Electronic Engineering with a Year in Industry (4 year)	BEng (Hons)	Electronic Engineering	111
Electronic Engineering with Foundation Year (4 year)	BEng (Hons)	Electronic Engineering	111
Electronic Engineering (4 year)	MEng (Hons)	Electronic Engineering	111
Electronic Engineering with a Year in Industry (5 year)	MEng (Hons)	Electronic Engineering	11
Electronic Engineering with Business Management	BEng (Hons)	Electronic Engineering	11
Electronic Engineering with Business Management with a Year in	BEng (Hons)	Electronic Engineering	111
Industry (4 year)	MEng (Hana)	Electronic Engineering	
Electronic Engineering with Business Management (4 year)	MEng (Hons)	Electronic Engineering	111
Electronic Engineering with Business Management with a Year in	MEng (Hons)	Electronic Engineering	111

PROGRAMME TITLE			
	QUALIFICATION	SUBJECT SECTION[S]	PAGE[S
Electronic Engineering with Music Technology Systems	BEng (Hons)	Electronic Engineering	11
Electronic Engineering with Music Technology Systems with a Year in	BEng (Hons)	Electronic Engineering	111
Industry (4 year)			
Electronic Engineering with Music Technology Systems (4 year)	MEng (Hons)	Electronic Engineering	111
Electronic Engineering with Music Technology Systems with a Year in Industry (5 year)	MEng (Hons)	Electronic Engineering	111
Electronic Engineering with Nanotechnology	BEng (Hons)	Electronic Engineering	111
Electronic Engineering with Nanotechnology with a Year in Industry (4 year)	BEng (Hons)	Electronic Engineering	111
Electronic Engineering with Nanotechnology (4 year)	MEng (Hons)	Electronic Engineering	111
Electronic Engineering with Nanotechnology with a Year in Industry	MEng (Hons)	Electronic Engineering	111
(5 year)	-		
English	BA (Hons)	English and Related Literature	117
English/History (Equal)	BA (Hons)	English and Related Literature; History	117, 127
English/History of Art (Equal)	BA (Hons)	English and Related Literature; History of Art	117, 133
English in Education	BA (Hons)	Education	107
English Language and Linguistics	BA (Hons)	Language and Linguistic Science	137
English/Linguistics (Equal)	BA (Hons)	English and Related Literature;	117, 137
		Language and Linguistic Science	
English/Philosophy (Equal)	BA (Hons)	English and Related Literature; Philosophy	117, 177
English/Politics (Equal)	BA (Hons)	English and Related Literature; Politics	117, 188
Environment, Economics and Ecology	BSc (Hons)	Environment	122
Environment, Economics and Ecology with a Year in Industry (4 year)	BSc (Hons)	Environment	122
Environment, Economics and Ecology (4 year)	MEnv (Hons)	Environment	122
Environment, Economics and Ecology with a Year in Industry (5 year)	MEnv (Hons)	Environment	122
for Environment programmes, see also Chemistry, the Atmosphere and the En Environment	nvironment; Natural	Sciences: Archaeology/Biology/Chemistry/	<i>'</i>
Environmental Geography	BSc (Hons)	Environment	122
Environmental Geography with a Year in Industry (4 year)	BSc (Hons)	Environment	122
Environmental Geography (4 year)	MEnv (Hons)	Environment	122
Environmental Geography with a Year in Industry (5 year)	MEnv (Hons)	Environment	122
Environmental Science	BSc (Hons)	Environment	122
Environmental Science Environmental Science with a Year in Industry (4 year)	BSc (Hons) BSc (Hons)	Environment Environment	122 122
***************************************		····•	
Environmental Science with a Year in Industry (4 year)	BSc (Hons)	Environment	122
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year)	BSc (Hons) MEnv (Hons)	Environment Environment	122 122
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons)	Environment Environment Environment Theatre, Film and Television	122 122 122 216
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons)	Environment Environment Environment Theatre, Film and Television	122 122 122 216
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons)	Environment Environment Environment Theatre, Film and Television	122 122 122 216
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an Finance	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons) d Finance; Economi	Environment Environment Environment Theatre, Film and Television cs, Econometrics and Finance; Mathemati	122 122 122 122 216 cs/
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an Finance French and German Language with a year abroad (4 year)	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons) d Finance; Economi	Environment Environment Environment Theatre, Film and Television cs, Econometrics and Finance; Mathematic	122 122 122 216 cs/
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an Finance French and German Language with a year abroad (4 year) French and Italian Language with a year abroad (4 year)	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons) d Finance; Economi BA (Hons) BA (Hons)	Environment Environment Environment Theatre, Film and Television cs, Econometrics and Finance; Mathemati Language and Linguistic Science Language and Linguistic Science	122 122 122 216 cs/ 137
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an Finance French and German Language with a year abroad (4 year) French and Italian Language with a year abroad (4 year) French and Linguistics with a year abroad (4 year)	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons) d Finance; Economi BA (Hons) BA (Hons) BA (Hons)	Environment Environment Environment Theatre, Film and Television cs, Econometrics and Finance; Mathemati Language and Linguistic Science Language and Linguistic Science Language and Linguistic Science	122 122 122 216 cs/ 137 137
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an Finance French and German Language with a year abroad (4 year) French and Italian Language with a year abroad (4 year) French and Linguistics with a year abroad (4 year) French and Spanish Language with a year abroad (4 year)	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons) d Finance; Economi BA (Hons) BA (Hons) BA (Hons) BA (Hons)	Environment Environment Environment Theatre, Film and Television cs, Econometrics and Finance; Mathemati Language and Linguistic Science	122 122 122 216 css/ 137 137 137
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an Finance French and German Language with a year abroad (4 year) French and Italian Language with a year abroad (4 year) French and Linguistics with a year abroad (4 year) French and Spanish Language with a year abroad (4 year) French/Philosophy (Equal) (4 year)	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons) d Finance; Economi BA (Hons) BA (Hons) BA (Hons) BA (Hons)	Environment Environment Environment Theatre, Film and Television cs, Econometrics and Finance; Mathemati Language and Linguistic Science	122 122 122 216 css/ 137 137 137
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an Finance French and German Language with a year abroad (4 year) French and Italian Language with a year abroad (4 year) French and Linguistics with a year abroad (4 year) French and Spanish Language with a year abroad (4 year) French/Philosophy (Equal) (4 year)	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons) d Finance; Economi BA (Hons) BA (Hons) BA (Hons) BA (Hons) BA (Hons) BA (Hons)	Environment Environment Environment Theatre, Film and Television cs, Econometrics and Finance; Mathemati Language and Linguistic Science Philosophy	122 122 122 216 cssl 137 137 137, 177
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an Finance French and German Language with a year abroad (4 year) French and Italian Language with a year abroad (4 year) French and Linguistics with a year abroad (4 year) French and Spanish Language with a year abroad (4 year) French/Philosophy (Equal) (4 year) G Genetics	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons) d Finance; Economi BA (Hons)	Environment Environment Environment Theatre, Film and Television cs, Econometrics and Finance; Mathemati Language and Linguistic Science Bollosophy Biology	122 122 122 216 25/ 137 137 137, 177
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an Finance French and German Language with a year abroad (4 year) French and Italian Language with a year abroad (4 year) French and Linguistics with a year abroad (4 year) French and Spanish Language with a year abroad (4 year) French/Philosophy (Equal) (4 year) G Genetics Genetics (4 year)	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons) d Finance; Economi BA (Hons)	Environment Environment Environment Theatre, Film and Television cs, Econometrics and Finance; Mathemati Language and Linguistic Science Bollosophy Biology	122 122 122 216 cssl 137 137 137, 177
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an Finance French and German Language with a year abroad (4 year) French and Italian Language with a year abroad (4 year) French and Linguistics with a year abroad (4 year) French and Spanish Language with a year abroad (4 year) French/Philosophy (Equal) (4 year) G Genetics Genetics (4 year) Geography see Environmental Geography; Human Geography and the Envi German and Italian Language with a year abroad (4 year)	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons) d Finance; Economi BA (Hons) BA (Hons) BA (Hons) BA (Hons) BA (Hons) BA (Hons)	Environment Environment Environment Theatre, Film and Television cs, Econometrics and Finance; Mathemati Language and Linguistic Science Language and Linguistic Science; Philosophy Biology Biology	122 122 122 216 ccs/ 137 137 137, 177
Environmental Science with a Year in Industry (4 year) Environmental Science (4 year) Environmental Science with a Year in Industry (5 year) F Film and Television Production Finance see Accounting, Business Finance and Management; Economics an Finance French and German Language with a year abroad (4 year) French and Italian Language with a year abroad (4 year) French and Spanish Language with a year abroad (4 year) French and Spanish Language with a year abroad (4 year) French/Philosophy (Equal) (4 year) G Genetics Genetics (4 year) Geography see Environmental Geography; Human Geography and the Envi	BSc (Hons) MEnv (Hons) MEnv (Hons) BSc (Hons) d Finance; Economi BA (Hons) BA (Hons) BA (Hons) BA (Hons) BA (Hons) BA (Hons) The second of th	Environment Environment Environment Theatre, Film and Television cs, Econometrics and Finance; Mathemati Language and Linguistic Science Language and Linguistic Science; Philosophy Biology Biology Language and Linguistic Science	122 122 122 216 ccs/ 137 137, 137 137, 177

PROGRAMME TITLE	QUALIFICATION	SUBJECT SECTION[S]	PAGE[S]
Н			
Historical Archaeology	BA (Hons)	Archaeology	68
History	BA (Hons)	History	127
History/Economics (Equal)	BA (Hons)	Economics and Related Studies; History	101, 127
History/French (Equal) (4 year)	BA (Hons)	History; Language and Linguistic Science	127, 137
History/History of Art (Equal)	BA (Hons)	History; History of Art	127, 133
History of Art	BA (Hons)	History of Art	133
History of Art with a year abroad (4 year)	BA (Hons)	History of Art	133
History/Philosophy (Equal)	BA (Hons)	History; Philosophy	127, 177
History/Politics (Equal)	BA (Hons)	History; Politics	127, 188
Human Geography and the Environment	BA (Hons)	Environment	122
Human Geography and the Environment with a Year in Industry (4 year)	BA (Hons)	Environment	122
Human Geography and the Environment (4 year)	MEnv (Hons)	Environment	122
Human Geography and the Environment with a Year in Industry (5 year)		Environment	122
l .			
Interactive Media	BSc (Hons)	Theatre, Film and Television	216
International Relations	BA (Hons)	Politics	188
International Relations with a Year in Industry (4 year)	BA (Hons)	Politics	188
Italian and Linguistics with a year abroad (4 year)	BA (Hons)	Language and Linguistic Science	137
Italian and Spanish Language with a year abroad (4 year)	BA (Hons)	Language and Linguistic Science	137
Law	LLB (Hons)	Law School	143
Law (Senior Status) (2 year)	LLB (Hons)	Law School	143
Linguistics	BA (Hons)	Language and Linguistic Science	137
Linguistics Linguistics with French	BA (Hons)	······································	137
Linguistics with French Linguistics with German		Language and Linguistic Science Language and Linguistic Science	137
Linguistics with Italian	BA (Hons)		· · · · · · · · · · · · · · · · · · ·
Linguistics with Italian Linguistics with Spanish	BA (Hons) BA (Hons)	Language and Linguistic Science Language and Linguistic Science	137 137
	DA (HOHS)	Language and Linguistic Science	137
Management see Accounting, Business Finance and Management; Business	and Management	Electronic Engineering with Business Ma	anagement
Marketing	BSc (Hons)	Management School	147
Marketing with a Year in Industry (4 year)	BSc (Hons)	Management School	147
Mathematical Bioscience see Natural Sciences: Mathematical Bioscience	500 (110115)	management sensor	
Mathematics	BSc (Hons)	Mathematics	152
Mathematics with a year in Europe (4 year)	BSc (Hons)	Mathematics	152
Mathematics (4 year)	MMath (Hons)	Mathematics	152
Mathematics/Computer Science (Equal) (4 year)	MMath (Hons)	Computer Science; Mathematics	95, 152
Mathematics/Computer Science (Equal) with a Year in Industry (5 year)		Computer Science; Mathematics	95, 152
Mathematics/Finance (Equal)	BSc (Hons)	Economics and Related Studies; Mathematics	101, 152
Mathematics/Philosophy (Equal)	BA/BSc (Hons)	Mathematics; Philosophy	152, 177
Mathematics/Physics (Equal)	BSc (Hons)	Mathematics; Physics	152, 177
Mathematics/Physics (Equal) with a year in Europe (4 year)	BSc (Hons)	Mathematics; Physics	152, 182
Mathematics/Physics (Equal) (4 year)	MMath (Hons)	Mathematics: Physics	152, 182
Mathematics/Statistics (Equal)	BSc (Hons)	Mathematics	152, 162
for Mathematics programmes, see also Natural Sciences	DSC (FIORIS)	Matrematics	132
Media see Interactive Media			
Medicinal Chemistry see Chemistry, Biological and Medicinal Chemistry			
Medicine (5 year, or 6 year for intercalating students)	MB BS	Medicine	158
Microbiology see Biotechnology and Microbiology			
Midwifery Practice	BA (Hons)	Nursing, Midwifery and Healthcare	172
Molecular Cell Biology	BSc (Hons)	Biology	77
Molecular Cell Biology (4 year)	MBiol (Hons)	Biology	77
Music	BA (Hons)	Music	163
Music and Sound Recording	BA (Hons)	Music	163

DE (11)		
BEng (Hons)	Electronic Engineering	11
BEng (Hons)	Electronic Engineering	111
BEng (Hons)	Electronic Engineering	11
MEng (Hons)	Electronic Engineering	11
MEng (Hons)	Electronic Engineering	111
••••		••••
BSc (Hons)	Natural Sciences	167
MSci (Hons)	Natural Sciences	167
BSc (Hons)	Natural Sciences	167
MSci (Hons)	Natural Sciences	167
BSc (Hons)	Natural Sciences	167
MSci (Hons)	Natural Sciences	167
BSc (Hons)	Natural Sciences	167
MSci (Hons)	Natural Sciences	167
BSc (Hons)	Natural Sciences	167
MSci (Hons)	Natural Sciences	167
BSc (Hons)	Natural Sciences	167
MSci (Hons)	Natural Sciences	167
BSc (Hons)	Natural Sciences	167
MSci (Hons)	Natural Sciences	167
web pages for update	S	172
BA (Hons)	Philosophy	177
BA (Hons)	Language and Linguistic Science; Philosophy	137, 177
BA (Hons)	Philosophy; Politics; School of PEP	177, 188 193
BA (Hons)	Economics and Related Studies;	101, 177 188, 193
BA (Hons)	· · · • · · · · · · · · · · · · · · · ·	177, 21
B/Y (Holls)	Timosophy, Sociology	
RSc (Hons)	Dhysics	182
······	······································	182
······		182
····•	······································	182
····•	· · · • · · · · · · · · · · · · · · · ·	182
····		182
····•	· · · · · · · · · · · · · · · · · · ·	182
······	······································	182
····		182
····•	······································	177, 182
••••••		177, 182
······		177, 182
,- \		
BA (Hons)	Politics	188
-	· · · • · · · · · · · · · · · · · · · ·	188
·····	······································	188
··· · ····	·· ··· ·······	188
BSc (Hons)	Psychology	197
		197
BSc (Hons)	Education	107
	BEng (Hons) MEng (Hons) MEng (Hons) MEng (Hons) BSc (Hons) MSci (Hons) BSc (Hons) MSci (Hons) BSc (Hons) MSci (Hons) BSc (Hons) MSci (Hons) BSc (Hons) MSci (Hons) BSc (Hons) MSci (Hons) BSc (Hons) MSci (Hons) BSc (Hons) MSci (Hons) BSc (Hons) MSci (Hons) BSc (Hons)	BEng (Hons) Electronic Engineering MEng (Hons) Electronic Engineering MEng (Hons) Electronic Engineering MEng (Hons) Electronic Engineering BSC (Hons) Natural Sciences BSC (Hons) Philosophy BA (Hons) Philosophy; Politics; School of PEP BA (Hons) Physics BSC (Hons) P

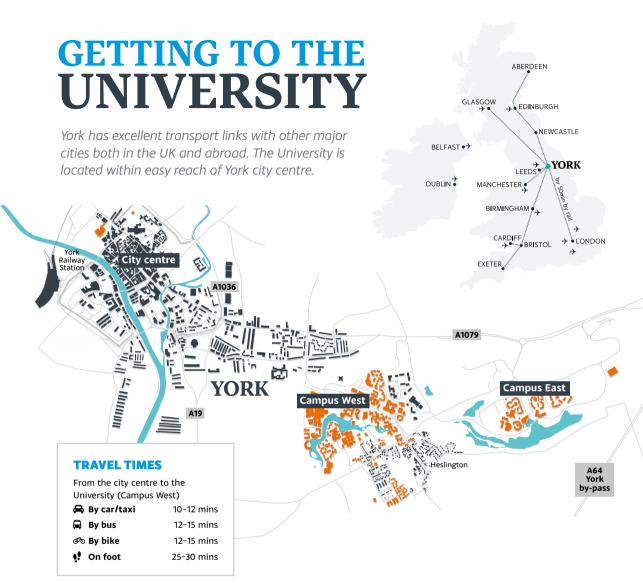
PROGRAMME TITLE	QUALIFICATION	SUBJECT SECTION[S]	PAGE[S]
S			
Social and Political Sciences	BA (Hons)	Politics; Social Policy and Social Work; School of SPS; Sociology	188, 201, 207, 211
Social and Political Sciences with Philosophy	BA (Hons)	Philosophy; Politics; Social Policy and Social Work; School of SPS; Sociology	177, 188, 201, 207, 211
Social Policy	BA (Hons)	Social Policy and Social Work	201
Social Policy, Children and Young People	BA (Hons)	Social Policy and Social Work	201
Social Policy, Crime and Criminal Justice	BA (Hons)	Social Policy and Social Work	201
Social Science, Applied see Applied Social Science	•		
Social Work (4 year)	MSocW (Hons)	Social Policy and Social Work	201
Sociology	BA (Hons)	Sociology	211
Sociology/Education (Equal)	BA (Hons)	Education; Sociology	107, 211
Sociology with Criminology	BA (Hons)	Sociology	211
Sociology with Social Psychology	BA (Hons)	Sociology	211
Spanish and Linguistics with a year abroad (4 year)	BA (Hons)	Language and Linguistic Science	137
Sustainable Processes see Chemistry, Green Principles and Sustainabl	e Processes		
Т			
Television Production see Film and Television Production			
Theatre: Writing, Directing and Performance	BA (Hons)	Theatre, Film and Television	216
Theoretical Physics	BSc (Hons)	Physics	182
Theoretical Physics with a year abroad/in industry (4 year)	BSc (Hons)	Physics	182
Theoretical Physics (4 year)	MPhys (Hons)	Physics	182
Theoretical Physics with a year abroad/in industry (5 year)	MPhys (Hons)	Physics	182
W			
Writing, Directing and Performance see Theatre: Writing, Directing ar	nd Performance		

Index

Please note that this general index does not contain taught programme titles. These details can be found in the programmes index on pages 221–226.

A		employability	22-27, 29
academic support services	16, 19, 54	English and Related Literature	117-12
access scheme	61	English language requirements	6
accommodation	52-53, 59	see also individual subject sections	
alumni	25, 26-27	enterprise	25, 27
applying	59-61	entry requirements	59, 61
for accommodation	53, 59	see also individual subject sections	
Archaeology	11, 68-72	Environment (including Geography)	11, 122-126
	······································	EU students see also international students	63, 65
В			
Biochemistry	73-76	exchange programmes	30
Biology	11, 77-83	F	
Biomedical Sciences	84-87	·	F/
budgeting	65	faith group support fees	56
bursaries	63	rees studying abroad	63, 65 30
care leavers	56		19, 30
subject-specific	94, 116, 165	foreign language courses	
see also scholarships		foundation years	61
Business see Management		French see Language and Linguistic Science	
		funding studying abroad	63, 65 30
<u>C</u>		see also bursaries; scholarships	30
campus	40-41	see also oursures, serioursurps	
facilities map	16-17, 46, 53, 56 230-231	G	
•	·············	gap years	61
care leavers	56, 57	Geography see Environment	
careers support see also employability	23, 25	German see Language and Linguistic Science	
carers	54, 57	u .	
catering	51, 53	H	
Channel Islands students	63	health centre	56
Chaplaincy	56, 57	History	127-132
Chemistry	88-94	History of Art	133-136
children, students with	53, 56, 57	Hull York Medical School (HYMS)	158-162
city of York	35, 36-39	application deadline	59
college fee	65	The second secon	
colleges	48-51, 54		
sport	46, 47, 50	IELTS see English language requirements	
see also accommodation		immigration advice	35
Computer Science	95-100	Interactive Media see Theatre, Film and Television	
computers see IT facilities and support		International Relations see Politics	
costs see fees; living costs		international students	32-35, 54, 57
course structure	13, 14	entry requirements	63 65
see also individual subject sections		fees and funding	63, 65
Criminology see Sociology		International Study Centres	30
D		internships	25
D		Isle of Man students	63
deadlines for application	59, 61	IT facilities and support	16-17, 19
deferred entry	61	Italian see Language and Linguistic Science	
disabilities, students with	53, 56, 57, 61	1	
diversity	33, 35, 61	L .	
F		Language and Linguistic Science	137-142
<u>E</u>		Languages for All	19
Economics and Related Studies	101-106	Languages for International Mobility	30
Education	107-110	Law	143-146
Electronic Engineering	111-116	leadership skills	23, 50

learning difficulties learning outcomes	56, 61 14	York Minster Choral Scholarships see also bursaries	164
libraries	16-17	Social and Political Sciences (SPS)	207-210
living costs	53, 65	Social Policy and Social Work	201-206
loans	63, 65	societies	43
ioans	05, 05	Sociology	11, 211-215
M		Spanish see Language and Linguistic Science	
Management	147-151	sports	44-47, 50
Mathematics	152-157	SPS (Social and Political Sciences)	207-210
Maths Skills Centre	19	Student Hub	54, 5
mature students	54, 57, 61	student loans	63, 75
Medicine	158-162	Students' Union (YUSU)	42-43, 54
application deadline	59	study skills	17, 19
mental health difficulties	56, 61	studying abroad	13, 28-31
Music	163-166	see also individual subject sections	
musical life	43, 164	summer schools	30
		supervisors	54
N		support services	51, 54-57
Natural Sciences	167-171	academic	16, 19
newspapers, student	43	international students students with additional needs	35, 54, 57 56, 61
night life	39	Students Will additional feeds	30, 01
Nightline	56	T	
nursery provision	56, 57	teaching	10-15
Nursing, Midwifery and Healthcare	172-176	see also individual subject sections	10 13
		term dates	232
0		Theatre, Film and Television	216-219
online learning	17	transport connections	35, 39, 229
Open Days	6-7	travel awards	30
Open Door	56	tuition fees	63, 65
outreach	6, 61	studying abroad	30
overseas representatives	6, 34		
overseas (non-EU) students see also international students	63, 65	UCAS	59, 61
overseas study see studying abroad		V	
P		Visit Days	6, 59
pathway courses	35, 61	visiting, pre- and post-application	6-7, 59
PEP (Politics, Economics and Philosophy)	193-196	visiting students	35, 53
Philosophy	177-181	volunteering	24-25, 30, 50
Physics	182-187	Volunteering	21 25, 50, 50
Placement Years	13, 23, 25, 30	W	
Politics	188-192	wellbeing see support services	
Politics, Economics and Philosophy (PEP)	193-196	wifi access	17
Post-offer Visit Days	6, 59	working while studying	25
Psychology	197-200	Writing Centre	19
_	197-200	Y	
Q		_ _	
qualifications for admission see entry requirements	······	year abroad see studying abroad	
R		York Award	23
<u></u>	44 44 25 22	York, city of	35, 36-39
rankings and reputation see also individual subject sections	11, 14, 25, 33	York Futures	23
religious support	56	York Graduate Loyalty Discount	63
research	10-11	York Sport Centre	46
1 Cocurati	10 11	York Sport Union	45-47
S		York Sport Village	46, 65
scholarships	63, 65	York Strengths Programme	23
sports	46	Yorkshare	17
	4, 99-100, 116, 187	YUSU (Students' Union)	42-43, 54



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

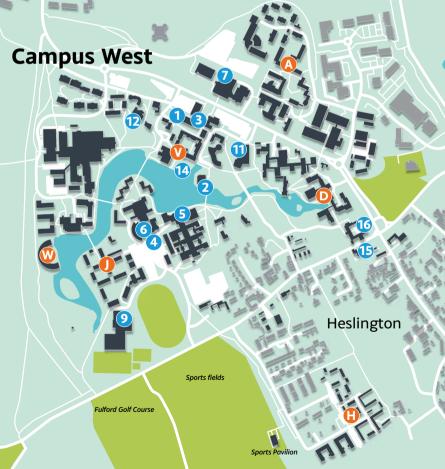
You can reach York by coach from many destinations around the country. National Express buses stop at York Railway Station.

King's Manor, York city centre

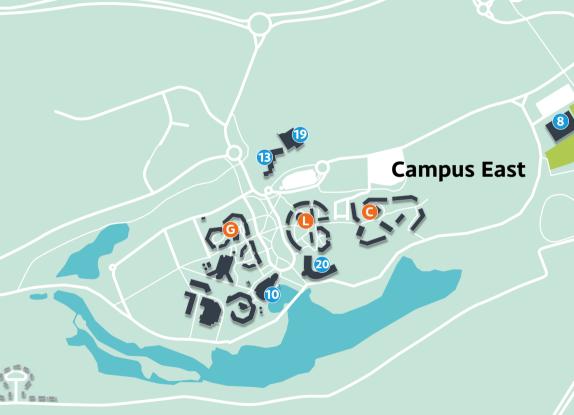


WALKING TIMES

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



UNIVERSITY CAMPUS MAP



KEY BUILDINGS

- 1. Information Centre
- 2. Central Hall
- 3. Market Square
- 4. YUSU Students' Union
- 5. Exhibition Centre
- 6. Roger Kirk Centre
- 7. Library and Archives
- 8. York Sport Village
- 9. York Sport Centre
- 10. Ron Cooke Hub

- 11. Spring Lane Building
- 12. Jack Lyons Concert Hall
- 13. Shops
- 14. Greg's Place
- 15. Student Recruitment and Admissions
- 16. Heslington Hall
- 17. King's Manor (city centre)
- 18. York Minster Library (city centre)
- 19. Medical Centre
- 20. Piazza Building

COLLEGES

- A Alcuin College
- C Constantine College
- D Derwent College
- **G** Goodricke College
- **H** Halifax College
- J James College
- L Langwith College
- V Vanbrugh College
- W Wentworth College (postgraduate)

STUDENT RECRUITMENT AND ADMISSIONS

+44 (0)1904 324000 ug-admissions@york.ac.uk york.ac.uk/study

University of York, York YO10 5DD

TERM DATES

2018/19

Autumn Term

Monday 24 September 2018 - Friday 30 November 2018

Spring Term

Monday 7 January 2019 - Friday 15 March 2019

Summer Term

Monday 15 April 2019 - Friday 21 June 2019

2019/20

Autumn Term

Monday 30 September 2019 - Friday 6 December 2019

Spring Term

Monday 6 January 2020 - Friday 13 March 2020

Summer Term

Tuesday 14 April 2020 - Friday 19 June 2020

2020/21

Autumn Term

Monday 28 September 2020 - Friday 4 December 2020

Spring Term

Monday 11 January 2021 - Friday 19 March 2021

Summer Term

Monday 19 April 2021 - Friday 25 June 2021

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 2019

This prospectus is for students applying to join us in 2019 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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If you would like a large-print copy of this prospectus, or to enquire about other formats, please contact +44 (0)1904 323196 or email admissions-liaison@york.ac.uk



