Chemical and Environmental Engineering

Undergraduate guide
2017

The University of Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

Imagine...

It's #MeantToBe

www.nottingham.ac.uk/chemenv

Imagine... making a difference to society by applying science and technology to everyday problems

Contents

Take a look at our engineering video and imagine yourself here:
www.nottingham.ac.uk/ugcourses

Visiting us

Open days
Visiting us in person is the best way to get a feel for student life at Nottingham. You can explore our campuses, facilities and accommodation, speak to staff and current students and find out key information about your course.
Visit **www.nottingham.ac.uk/opendays**
or call +44 (0)115 951 5559 to book your place.

UCAS visit days
Offer-holders have the opportunity to visit the department and find out more about their chosen course at a UCAS visit day.
Visit **www.nottingham.ac.uk/go/visitdays** to view the dates and book your place.

#UoNOpenDay UoNApplicants @UoNApplicants

Welcome to the Department of Chemical and Environmental Engineering

It is an exciting time to be studying chemical and environmental engineering. Society faces significant challenges related to energy supply, healthcare, environmental sustainability, and food and water security. The contributions of both chemical and environmental engineers will be essential to address these challenges.

Our chemical and environmental engineering graduates offer a unique blend of expertise that is highly attractive to employers. This expertise is developed in a department with a reputation for industrially relevant teaching and research. Our courses are built around student-centred learning which means our students are independent thinkers, with strong analytical, teamworking, communication and problem-solving skills.

I hope you find the information contained within this brochure useful. If you have any questions, please do not hesitate to get in touch.

We look forward to welcoming you soon.

Dr David Large
Head of Department of Chemical and Environmental Engineering

Our students have access to extensive laboratories and facilities.

Find out more about the Department of Chemical and Environmental Engineering:
www.nottingham.ac.uk/chemenv

Studying chemical and environmental engineering at Nottingham

Careers and industry

Our graduates are highly regarded and are sought-after by companies globally to work in areas such as process and product design and development, operations, management, research and specialist consultancy. These career opportunities are available in a diverse range of industries including energy, chemical manufacturing, pharmaceutical, food, environmental services, oil and gas, as well as government agencies worldwide. To increase students' awareness of challenges faced by industry, we use programmes of site visits, case studies and guest teachers from industry. Project work focuses on solving real industrial problems in chemicals manufacturing and processing, energy, environment, water and waste. With the purpose of increasing the industrial relevance of our course, an important focus of the department has been to improve the professional competence of our graduates, by training them in skills required by industry, under the guidance of engineering practitioners.

Facilities

The department continues to invest in facilities and improvements are always ongoing. We have fully equipped modern lecture theatres, 24-hour access to IT facilities and extensive laboratories. Equipment ranges from lab-scale scientific apparatus for modular experiments, through to pilot-scale rigs for the study of unit operations. The department has also recently invested in a newly refurbished design suite to facilitate team project work to develop students' interactive and creative skills.

TOP 10 UK chemical engineering department.*

94% of our undergraduates secured work or further study within six months of graduation.**

98% of our research was judged to be of international quality.***

Extracurricular opportunities

Run entirely by the students, with the support of a number of companies, the Chemical and Environmental Engineering Society (ChemEnv Soc) offers you fantastic opportunities to develop ideas, to make industrial contacts, and to take part in sports and social events. Students can also get involved with the Science Technology Engineering Maths (STEM) ambassadorial scheme and help inspire the next generation of engineers.

The society provides opportunities to build strong links with industry and network with representatives from some of the biggest recruiters of chemical engineers.

* *The Complete University Guide,* 2016 and *The Guardian University Guide, 2017.*
** Known destinations of full-time home and EU first-degree graduates, 2013/14.
*** Research Excellence Framework, 2014.

"University can be quite daunting but it was really easy to transition from A levels thanks to the support from the staff. All the lecturers have an open door policy."

Hemma Sangha, MEng first year, Chemical Engineering including an Industrial Year

"Problem-based learning is something we're investing a lot of time and effort into. We provide students with the tools and skills they need to solve a problem and we allow them to discover the direction they want to take in order to solve it."

John Turner, Assistant Professor

At Nottingham we produce the highest quality graduates, with skills that are demanded by the employers of today and tomorrow.

Find out more about the Department of Chemical and Environmental Engineering:
www.nottingham.ac.uk/chemenv

Our courses

Degree title	UCAS code	Duration	A levels	IB
BEng Chemical Engineering	H810	3 years	AAA	36
MEng Chemical Engineering	H800	4 years	AAA	36
BEng Chemical Engineering including an Industrial Year	H81B	4 years	AAA	36
MEng Chemical Engineering including an Industrial Year	H81D	5 years	AAA	36
BEng Environmental Engineering	H806	3 years	AAA	36
MEng Environmental Engineering	H805	4 years	AAA	36
BEng Environmental Engineering including an Industrial Year	H808	4 years	AAA	36
MEng Environmental Engineering including an Industrial Year	H80X	5 years	AAA	36
BEng Chemical Engineering with Environmental Engineering	H8HF	3 years	AAA	36
MEng Chemical Engineering with Environmental Engineering	H8H2	4 years	AAA	36
BEng Chemical Engineering with Environmental Engineering including an Industrial Year	HVH2	4 years	AAA	36
MEng Chemical Engineering with Environmental Engineering including an Industrial Year	H8HD	5 years	AAA	36

English language requirements

IELTS 6.0 (no less than 5.5 in any element).

For more information and a list of the alternative English language requirements we accept, please see **www.nottingham.ac.uk/go/alternativerequirements**

Preparing to study in English

Students who require extra support to meet the English language requirements for their academic course can attend a professional course at the Centre for English Language Education (CELE) to prepare for their future studies. Students who pass at the required level can progress directly to their academic programme without needing to retake IELTS. For more information, please visit **www.nottingham.ac.uk/cele**

For more detailed course content visit
www.nottingham.ac.uk/ugstudy

Required subjects

All courses: A level or Higher Level (IB) chemistry/physics (including a pass in the practical element) and maths. General studies, critical thinking and citizenship studies not accepted.

BEng and MEng programmes

All our courses are available as three-year BEng and four-year MEng degree programmes. Both of these options will provide you with the same core engineering skills but the MEng option has greater innovative content, covering more advanced principles and with more substantial project components. MEng is the favoured option for those students wishing to pursue Chartered Engineer status. Your personal tutor will be available throughout your time at Nottingham to advise and guide you through the academic pathways available.

Year one

At Nottingham we are unique in that we run a common first year, where students on all the chemical and environmental engineering degrees work together with extensive staff support and formative feedback mechanisms. Your course will start with the basics of fundamental engineering sciences including heat and mass transfer, fluid mechanics, design, safety and environmental aspects, and professional skills.

We use various methods of content delivery from problem-based learning to tutorials and lab classes. At the end of year one you will have the opportunity to transfer to either one of our chemical, environmental or chemical with environmental engineering courses offered by the department.

"It is important that our students have the opportunity to experience the wide variety of global opportunities, challenges and careers that are available to them within chemical and environmental engineering. We have made our courses as flexible as we can, to allow students to transfer between different streams or specialise in a particular area."

Ed Lester, Professor of Chemical Technology

For more detailed course content visit
www.nottingham.ac.uk/ugstudy

Chemical Engineering

This course provides in-depth knowledge and technical skills in all aspects of chemical engineering, from underpinning science to advanced engineering design. During group design projects, you will focus on process engineering design at professional standard. Students on the MEng degree will have the chance to specialise in their final year through choosing optional modules of their choice. There is also the opportunity to undertake an industrial placement year.

Accreditation

This degree has been accredited by the Institute of Chemical Engineers (IChemE) and will provide you with some or all of the underpinning knowledge, understanding and skills for eventual registration as an Incorporated (IEng) or Chartered Engineer (CEng).

Inter-campus exchanges available:
Malaysia

IChemE ADVANCING CHEMICAL ENGINEERING WORLDWIDE

"Learning how to work in groups is really important in engineering – I definitely think these softer skills developed on the course have helped me when applying for placements."

Christopher Paphitis, third year, MEng Chemical Engineering including an Industrial Year

For more detailed course content visit
www.nottingham.ac.uk/ugstudy

Typical modules for BEng/MEng Chemical Engineering

Year one

Basics of process engineering

- Chemistry in the Environment
- Engineering Mathematics
- Engineering Thermodynamics
- Engineering Principles
- Fluid Mechanics
- Fundamentals of Engineering Design
- Heat and Mass Transfer
- Introductory Chemistry
- Introductory Geology
- Process Engineering Fundamentals
- Separation Processes Fundamentals

Year two

Applied process engineering

- Analytical Measurement
- Chemical and Phase Equilibria
- Differential Equations and Calculus for Engineers
- Engineering Materials
- Fundamentals of Process Control
- Interfacial Chemistry
- Particle Mechanics
- Plant Design
- Probabilistic and Numerical Techniques for Engineers
- Process Engineering Project
- Separation Processes
- Waste Management

Year three

Process design and control

- Advanced Transport Phenomena
- Biochemical Engineering
- Design Project
- Industrial Process Analysis
- Multicomponent Separations
- Process Dynamics and Control
- Process Engineering Laboratory
- Process Simulation 1
- Project Management
- Reactor Design

Year four (MEng only)

Advanced chemical engineering

Compulsory:

MEng Project-combined design and research group project, planning, executing and reporting on an individual research study.

Optional modules:

- Advanced Biochemical Engineering
- Advanced Computational Methods
- Advanced Reaction Engineering
- Advanced Rheology and Materials
- Computational Fluid Dynamics
- Energy Storage
- Mathematics for Engineering Management
- Multiphase Systems
- Petroleum Engineering
- Polymer Engineering
- Power Generation and Carbon Capture
- Process Risk Benefit Analysis

Industrial placements are usually undertaken at the end of year two for the BEng programme or after year three of the MEng programme.

The modules we offer are inspired by the research interests of our staff. As a result modules may change due to research developments or legislative changes, for example. The above list is a sample of typical modules that we offer, not a definitive list.

Environmental Engineering

The core components that distinguish this programme from our chemical engineering course are an in-depth understanding of water, air, waste and environmental assessment, providing engineers with an awareness of process sustainability. Chemical engineering and environmental engineering students work together on group design projects and those on the MEng degree, can specialise through optional modules to suit their chosen career path.

Accreditation

This degree has been accredited by the Institute of Materials, Minerals and Mining and will provide you with some or all of the underpinning knowledge, understanding and skills for eventual registration as Chartered Engineer (CEng).

Inter-campus exchanges available:
Malaysia

IOM3 The Institute of Materials, Minerals and Mining

For more detailed course content visit
www.nottingham.ac.uk/ugstudy

Typical modules for BEng/MEng Environmental Engineering

Year one

Basics of process engineering

- Chemistry in the Environment
- Engineering Thermodynamics
- Engineering Mathematics
- Engineering Principles
- Fluid Mechanics
- Fundamentals of Engineering Design
- Heat and Mass Transfer
- Introductory Chemistry
- Introductory Geology
- Process Engineering Fundamentals
- Separation Processes Fundamentals

Year two

Environmental techniques

- Analytical Measurement
- Differential Equations and Calculus for Engineers
- Engineering Materials
- Environmental Field Course
- Fundamentals of Process Control
- Hydrology and Hydrogeology
- Particle Mechanics
- Plant Design
- Probabilistic and Numerical Techniques for Engineers
- Separation Processes
- Site Investigation
- Waste Management

Year three

Pollution and remediation

- Advanced Transport Phenomena
- Air Pollution
- Design Project
- Hazardous Waste Management
- Multicomponent Separations
- Process Dynamics and Control
- Process Engineering Laboratory
- Project Management
- Water Treatment

Year four (MEng only)

Advanced environmental process engineering

Compulsory:

MEng Project-combined design and research group project, planning, executing and reporting on an individual research study

Optional modules:

- Air Pollution
- Computational Fluid Dynamics
- Contaminated Land
- Energy Storage
- Environmental Risk Assessment
- Fossil Energy Resources
- Natural Hazards and Environmental Fluid Mechanics
- Mathematics for Engineering Management
- Petroleum Engineering
- Power Generation and Carbon Capture
- Process Risk Benefit Analysis
- Water Treatment Engineering
- Wind Engineering

Industrial placements are usually undertaken at the end of year two for the BEng programme or after year three of the MEng programme.

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Chemical Engineering with Environmental Engineering

In addition to the traditional chemical engineering degree, the environmental component enhances the chemical engineering skills by providing an in depth knowledge of how to minimise the environmental impact of water and atmospheric emissions that are inherent to most processes. You will work with chemical engineering students in group design projects and those on the MEng degree, can specialise with optional modules to suit their chosen career path.

Accreditation

This degree has been accredited by the Institute of Chemical Engineers and will provide you with some or all of the underpinning knowledge, understanding and skills for eventual registration as an Incorporated (IEng) or Chartered Engineer (CEng).

IChemE ADVANCING CHEMICAL ENGINEERING WORLDWIDE

"I have a job offer with BP, in process engineering. In the job application I had to attend a technical interview which was very similar to the final part of my third-year design project assessment. This experience really prepared me for the interview with BP."

Hon Wong, MEng Chemical with Environmental Engineering

For more detailed course content visit
www.nottingham.ac.uk/ugstudy

Typical modules for BEng/MEng Chemical Engineering with Environmental Engineering

Year one

Basics of process engineering

- Chemistry in the Environment
- Engineering Mathematics
- Engineering Principles
- Engineering Thermodynamics
- Fluid Mechanics
- Fundamentals of Engineering Design
- Heat and Mass Transfer
- Introductory Chemistry
- Introductory Geology
- Process Engineering Fundamentals
- Separation Processes Fundamentals

Year two

Applied process engineering in the environment

- Analytical Measurement
- Chemical and Phase Equilibria
- Differential Equations and Calculus for Engineers
- Engineering Materials
- Environmental Field Course
- Fundamentals of Process Control
- Particle Mechanics
- Plant Design
- Probabilistic and Numerical Techniques for Engineers
- Separation Processes
- Site Investigation
- Waste Management

Year three

Sustainability and process design

- Air Pollution
- Advanced Transport Phenomena
- Engineering Laboratory
- Design Project
- Multicomponent Separations
- Process Dynamics and Control
- Process Engineering Laboratory
- Process Simulation
- Project Management
- Reactor Design
- Water Treatment

Year four (MEng only)

Process engineering solutions and environmental monitoring

Compulsory:

MEng Project-combined design and research group project, planning, executing and reporting on an individual research study

Optional modules:

- Advanced Computational Methods
- Advanced Reaction Engineering
- Advanced Rheology and Materials
- Air Pollution
- Computational Fluid Dynamics
- Energy Storage
- Mathematics for Engineering Management
- Multiphase Systems
- Petroleum Engineering
- Power Generation and Carbon Capture
- Process Risk Benefit and Analysis
- Process Synthesis and Design
- Water Treatment Engineering

Industrial placements are usually undertaken at the end of year two for the BEng programme or after year three of the MEng programme.

The modules we offer are inspired by the research interests of our staff. As a result modules may change due to research developments or legislative changes, for example. The above list is a sample of typical modules that we offer, not a definitive list.

Degrees with a year in industry

A year in industry is a fantastic opportunity for students to develop and practice their engineering skills, thus providing valuable professional experience which is a key step on the road to Chartered Engineer status.

Benefits

A year in industry will give a significant boost to both employment and academic prospects. Research previously conducted by High Fliers Research, showed that more than a third of graduate jobs are being filled by candidates who already have work experience with that employer. Getting a year in industry placement is therefore a great way into the job market after graduation.

Features

Year in industry placements are usually undertaken in the UK, but can be anywhere in the world in companies from major global organisations to smaller consultancies and technology specialists. During a year in industry placement, students are classed as employees of the host company, and receive a salary. There is a nominal fee for the placement year and students remain fully registered with the University during this time.

Support

Our dedicated Industrial Placement Team works closely with the Careers and Employability Service to support you in finding the right placement and companies visit the University from September to March to recruit students for industrial placements. Companies that our students have previously undertaken placements with include British Gypsum, Cargill, ExxonMobile, GlaxoSmithKline, Total, Promethean Particles Ltd and Sellafield.

The benefits of a year in industry are well recognised, and as such our degrees with an industrial year are very popular. Likewise, securing a year in industry placement is a highly competitive process and students are responsible for submitting their own applications, which may include attendance at interviews and assessment centres. We therefore expect students to commit additional time over and above their academic studies to this process.

“During my year in industry, working in the Research and Development team at Transvac, I was assigned to conduct a series of tests to optimise the Liquid Jet Compressor line that the company manufactures. The project was a success and Transvac changed their design standards as a result of my work.”

Cosmin-Florin Florea, MEng Chemical Engineering including an Industrial Year

Find out more from our placement students at
www.nottingham.ac.uk/engineering/placements

The faculty has a dedicated placement team who support students in finding the right placement.

Degrees with a year in industry

How will I study?

The main forms of teaching you will encounter are lectures, practical sessions and project-work. These are supplemented by problem solving classes and tutorials.

For a typical week in your first year you can expect to attend about 20 hours of lectures and about five hours of other classes for laboratory, design and project sessions. For the rest of the time you are working independently, doing the necessary reading in preparation for lectures and coursework.

Personal tutors

All students have a personal tutor who will review your academic progress each semester and are also available to help with any personal matters. Tutorials take place initially on a weekly basis, typically in groups of four students in the first year. Tutorials can help to develop your communication skills, personal organisation and planning towards graduate employment.

Assessment

All undergraduate degree programmes in the University are modular, which means you undertake modules of study with assessment at the end of each semester.

All year-one students undertake two practical assessment weeks (one each semester), where students work in teams and under time constraints to deliver practical solutions to set problems.

An important part of the work and assessment in years three and four consists of group design project work, which will prepare you to work as an engineer. In year three, students on all our degrees undertake an industry-focused group design project built around real industrial scenarios during which they are supported by industrial mentors and site visits. In year four, MEng students undertake a research and design project with a highly innovative component alongside leading academic researchers.

Your learning will be assessed in different ways according to the learning objectives. Most modules will be assessed using a mixture of coursework and exams with the proportion varying depending on the module. Some modules don't have any exams, in which case you might be asked to give an assessed presentation.

Degree classification

On the BEng courses your final degree classification is awarded based on your graduating mark. This is made up of 33% of your second year mark and 67% of your third year mark.

On the MEng Chemical Engineering and MEng Chemical with Environmental Engineering courses, your graduating mark is made up of 20% from your second year, 40% from your third year and 40% from your fourth year. On the MEng Environmental Engineering courses, your graduating mark is made up of 20% from your second year, 30% from your third year and 50% from your final year.

Key Information Sets

Key Information Sets (KIS) are comparable sets of information about full or part-time undergraduate courses and are designed to meet the information needs of prospective students. All KIS data is published on the Unistats website: **www.unistats.co.uk**

For Nottingham's KIS data, please see individual course entries at **www.nottingham.ac.uk/ugstudy**

Find out more about teaching in the Department of Chemical and Environmental Engineering:
www.nottingham.ac.uk/chemenv

A typical first year undergraduate timetable

	9-10am	10-11am	11am-12pm	12-1pm	1.30-2pm	2-3pm	3-4pm	4-5pm
Mon	Lecture: Fundamentals of Engineering Design			Lecture: Fluid Mechanics	Practical: Introductory Chemistry			
Tues	Lecture: Introductory Chemistry	Lecture: Engineering Principles	Workshop: Engineering Mathematics Problem Class		Practical: Fluid Mechanics/Process Engineering Fundamentals			
					Practical: Introductory Chemistry			
Weds	Lecture: Introductory Chemistry		Lecture: Fundamentals of Engineering Design					
Thurs	Lecture: Process Engineering Fundamentals		Lecture: Fluid Mechanics		Practical: Fluid Mechanics/Process Engineering Fundamentals			
					Practical: Introductory Chemistry			
Fri	Lecture: Engineering Mathematics	Lecture: Process Engineering Fundamentals	Lecture: Engineering Principles		Lecture: Introductory Chemistry			

How do I apply?

All applications for an undergraduate place to study at The University of Nottingham, including applications by international students, must be made through the Universities and Colleges Admissions Service (UCAS). Applications should be made online at www.ucas.com and candidates will be notified of decisions through UCAS using UCAS Track.

Your personal statement

This is the section of your UCAS form that tells us most about you, and you should make the best use of it. Be as specific and detailed as you can – we would like to see that you are a student who can work hard, be self-motivated and make the best possible use of the opportunities that our courses offer you. We would also like to hear about any skills you have gained through extracurricular activities.

Alternative qualifications

In this brochure you will find our A level entry requirements but we accept a much broader range of qualifications.

These include:

- Access to HE Diploma
- Advanced Diploma
- BTEC HND/HNC
- BTEC Extended Diploma
- Cambridge Pre-U
- International Baccalaureate
- Irish Leaving Certificate
- Scottish Advanced Highers
- Welsh Baccalaureate Advanced Diploma

This list is not exhaustive; we will consider applicants with other qualifications on an individual basis. Please contact us to discuss the suitability of your qualification.

Flexible admissions policy

We recognise that some educational and personal circumstances affect achievement. If we judge that you have experienced circumstances that have adversely affected your achievement, we will consider them when assessing your academic potential. Some courses may vary the offer as a result. For the most up to date information about our offers, please see the entry requirements section of our course pages on our online prospectus. For more information about this policy, please see **www.nottingham.ac.uk/ugstudy/applying**

Mature applicants

We encourage applications from mature applicants who have a significant gap in education. You should apply in the normal way through UCAS. More information for mature students can be found at **www.nottingham.ac.uk/mature**

International applicants

The University's International Office offers guidance and advice on applying through UCAS. If you would like to visit the University and are unable to attend an open day, the International Office will be happy to arrange a tailor-made visit for you. For further information please visit **www.nottingham.ac.uk/international**

Find out how to apply:
www.nottingham.ac.uk/ugstudy/applying

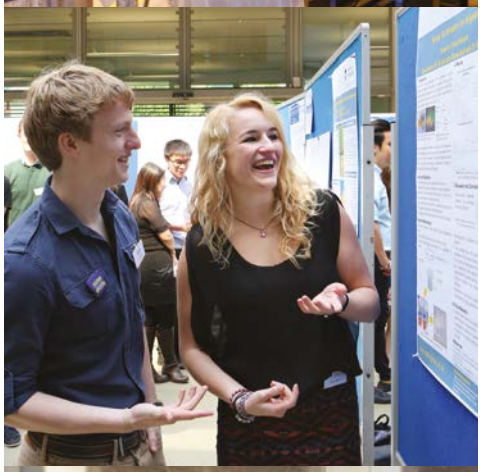
Deferred entry

Applicants who wish to defer their entry by a year will not be at a disadvantage. Please tell us something about your plans for your gap year in your UCAS personal statement.

Equal opportunities policy

The University aims to create the conditions whereby students and staff are treated solely on the basis of their merits, abilities and potential, regardless of gender, race, colour, nationality, ethnic or national origin, age, socio-economic background, disability, religious or political beliefs, trade union membership, family circumstances, sexual orientation or other irrelevant distinction.

Over one third of our UK students receive our means-tested core bursary, worth up to £2,000 a year. For details, see **www.nottingham.ac.uk/financialsupport**



Find out how to apply:
www.nottingham.ac.uk/ugstudy/applying

How do I apply?
www.nottingham.ac.uk/chemenv

Imagine... landing your dream career

The University of Nottingham is consistently named as one of the most targeted universities by Britain's leading graduate employers.*

Our graduates are highly regarded and are sought-after by companies globally to work in areas such as process and product design and development, operations, management, research and specialist consultancy in a diverse range of industries.

Many of our students have job offers after industrial placements or at the beginning of their final year. Examples of high-profile employers of our graduates include Air Products, Atkins, Bechtel, Centrica, Jacobs, Lafarge, L'Oreal, Nestle and Procter & Gamble, as well as a host of smaller consultancies and contracting firms.

94%

of first-degree graduates in the department who were available for employment had secured work or further study within six months of graduation.**

£26,469

The average starting salary for graduates is £26,469 with the highest being £40,000.**

Our dedicated careers team are on hand to offer you specialist support and guidance throughout your degree and beyond.

Find out more about the Careers and Employability Service:
www.nottingham.ac.uk/careers

Careers and Employability Service

Our Careers and Employability Service has a team dedicated to Faculty of Engineering students. They will be on hand to offer you specialist support and guidance throughout your degree, and for life after you graduate.

Whether you need help writing a CV, preparing for an interview or exploring career ideas, you can book one-to-one appointments or come along to a workshop. Each term there is also an exciting events schedule which includes the weekly engineering recruitment and internship programme bringing you face-to-face with employers offering real-life insight into their professions. Find out more about the Careers and Employability Service: **www.nottingham.ac.uk/careers**

The Nottingham Advantage Award

The award-winning Nottingham Advantage Award recognises and rewards your extracurricular activities. With a choice of over 200 modules, you can hone the key skills employers want. From developing your leadership skills and learning a language to public speaking and volunteering, you will leave university with demonstrable experience that sets you apart from other graduates. For further information, please visit **www.nottingham.ac.uk/careers/advantage**

Find out where Nottingham could take you and network with our graduates on LinkedIn.

"The course at Nottingham prepared me for a career in the chemical engineering sector. I took an extra year in my course to do a 12-month placement with ExxonMobil at their Fawley refinery and then came back for my final year, knowing that I had a job waiting for me at the end. I am currently back at Fawley working as a design engineer. I would advise anyone thinking about chemical engineering to consider Nottingham and to think about doing either a year or summer internship, as it gave me a big advantage in a competitive industry to secure a job."

James Horner, Design Engineer, ExxonMobil
MEng Chemical Engineering (2013)

* *The Graduate Market in 2013-2016*, High Fliers Research.
** Known destinations of full-time home and EU first-degree graduates, 2013/14.

Imagine... a world beyond your studies

There's so much for you to get involved in and explore at the University and around the city. Whether you're interested in sports, learning a language or just having fun with friends alongside studying, you'll be spoilt for choice.

Learn a language

The University's Language Centre gives you the opportunity to study a language alongside your course. All languages are offered from beginners' level with some going up to near native competency. The inter-faculty languages programme offers credited modules, which are free for students if taken as part of your credit allocation (check with your course tutor before you enrol). There are also evening classes that are open to everyone (fee-paying). Find out more: **www.nottingham.ac.uk/languagecentre**

Getting involved in your Students' Union

As soon as you start with us, you are automatically enrolled as a member of our Students' Union. There are hundreds of activities to provide you with the perfect opportunity to take up a new hobby or pursue existing interests. Choose from over 300 student-run societies – including ChemEnv Soc, the society for chemical and environmental engineering students. Find out more: **www.su.nottingham.ac.uk**

Your opportunity to study abroad

We offer a range of study abroad opportunities with the majority of students having the option to live and study in another country as part of their university career, either at a partner institution or undertaking an overseas work placement. Studying or working abroad is a fantastic opportunity to broaden your horizons, experience different cultures, and develop the key skills that employers are looking for. Find out more: **www.nottingham.ac.uk/studywithus/studyabroad**

Music

All student musicians at The University of Nottingham are encouraged to get involved with the vibrant musical life on campus. Find out more: **www.nottingham.ac.uk/music/performance**

Sports

The University of Nottingham is one of the UK's leading universities for sport and is currently ranked 4th in the university sport rankings*. We have one of the biggest portfolios of sports facilities in the country including the brand new £40m David Ross Sports Village. We also have a rich heritage of supporting Olympic medallists and therefore whether you are an elite athlete or simply looking to enjoy sport as a hobby, we can cater for your needs. Find out more: **www.nottingham.ac.uk/sport**

Exploring your new city

Nottingham city centre is just a 10-minute bus ride away from University Park Campus, so you're always close to the action. For music lovers, you can take your pick from the world-famous Rock City, Motorpoint Arena or one of the smaller gig venues for a more intimate live show. If you enjoy shopping, there are independent boutiques and vintage shops as well as high street names in our large shopping centres. Nottingham is also a hotspot for dining, with a mix of chain and independent cafes, restaurants and delis on offer. Find out more: **www.nottingham.ac.uk/nottinghamlife**

Your new home from home

At Nottingham we offer a wide range of room types on and off campus, in both catered and self-catered accommodation. From standard single rooms with shared bathrooms to large en-suite studios, whatever your budget and preferences, there should be a room to suit you. For a breakdown of pricing and to find out more: **www.nottingham.ac.uk/accommodation**

Your support network

Throughout your university journey there will be numerous people on hand to support and advise you, including tutors and dedicated staff. We have Student Service Centres on all three of our UK campuses, which provide a range of support, information and specialist services. Find out more: **www.nottingham.ac.uk/studentservices**

* British Universities and Colleges Sport Standings, 2015-16.

Find out more about Nottingham life:
www.nottingham.ac.uk/nottinghamlife

Student experience

The University of Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

You could help improve the quality of people's lives.

Be all that you can imagine. And more.

It's #MeantToBe

This publication is available in alternative formats: +44 (0)115 951 5559

For undergraduate enquiries contact:
Student Recruitment Enquiries Centre

+44 (0)115 951 5559

www.nottingham.ac.uk/enquire

NottinghamEngineering **@UoNEngineering**

Printed June 2016.