# **School of Civil Engineering**



FACULTY OF ENGINEERING

# Undergraduate Degree Courses 2013





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# **School of Civil Engineering**

Recognised nationally and internationally for our teaching and research, we are one of the largest Civil Engineering schools in the country offering a range of courses that are at the forefront of thinking and reflect the latest developments in the field.

In the latest National Student Survey results the School was ranked number 1 for student satisfaction out of all UK universities for civil engineering.

All of our degree courses are accredited by the Joint Board of Moderators of the professional institutions (including the Institutions of Civil and Structural Engineers) which will help you to become a Chartered Engineer after graduation.

The University of Leeds is a long-standing member of the prestigious Russell Group of research intensive universities. The School has strong links with industry and is highly regarded by employers outside so not only will you study for an exciting degree, you will also have excellent career prospects.

Civil Engineering is, in fact, one of the most diverse professions around. Graduates go on to become involved in everything from planning and designing transport systems to enhancing the energy efficiency of buildings or undertaking the treatment and restoration of contaminated sites.

As a civil engineer you will play an instrumental role in planning, designing, constructing, maintaining and managing the physical environment around us, including buildings and structures, transport systems and water collection, treatment and distribution, etc.

Therefore, to be effective, it is important for you to understand how structures function, how materials behave and how individuals, and society at large, affect and influence your work.

It is also vital that as an engineer you, in turn, consider the impact of your work on the environment. You will also need to have sound knowledge of finance and project management as many civil engineering projects are both costly and complex.

www.engineering.leeds.ac.uk/civil

Our ground breaking research feeds directly into our teaching; you will taught by academics at the forefront of their subject and in an environment where knowledge is created. Through our research and the funding it attracts, we are able to invest in worldclass facilities and staff who enthuse and inspire you.

You will benefit from our integrated style of learning and teaching. Laboratory classes, project work and industry-sponsored fieldwork allow you to become more independent and to think critically by gaining hands-on experience investigating and applying material from your lectures and tutorials to real-life work situations.

You can choose from our flexible range of modules to reflect your interest or career plans and with practical work being a core part of your study, you can really get to grips with your subject and prepare yourself for a career in this varied and exciting industry.

You will be assessed through both written examinations, held at the end of each semester, and through coursework in the form of projects, presentations and posters. Our personal tutorial system will help you to integrate quickly and settle down easily into university life. You will be assigned to a tutorial group and you'll have one-to-one time with your personal tutor. The School has excellent student support – student support teams are located close to where you work and study, ensuring personalised and direct contact.

# Projects

Throughout your course you will undertake both individual and group projects. Projects are an excellent opportunity to explore and develop essential skills such as problem solving, communication skills and teamwork, which are all vital to help you succeed in your chosen career. For many students, project work is one of the most satisfying and challenging aspects of their course. Here are some examples of final year projects:

- Feasibility and design of an elevated urban light rail system
- Material management on construction sites
- Pozzolanic admixtures in cements and concretes
- Sustainability policies in major construction sites
- Flood risk and management
- Rail infrastructure management
- Developing a culture of health and safety on construction projects
- Use of design matrices for process selection in wastewater treatment
- Health effects of poor housing in the UK
- Geotechnical site investigations
- Infection control in hospitals
- Carbon reduction in construction.





# **Integrated Masters**

All of our degrees are Integrated Masters (MEng, BEng) degrees providing you with great breadth and depth of study. You can graduate after 3 years with a BEng degree or continue for another year to complete the MEng which fulfils all of the necessary academic requirements on the route to Chartered Engineer status, the full preferred engineering qualification. There are progression requirements at the end of the third year to continue to the MEng.

If you choose to do the MEng, you will have the opportunity to work on a greater range of project work, including group work. As a result of our strong industrial links the individual or group project work will have a greater degree of industrial involvement.

Alternatively you may decide to graduate after 3 years with the BEng degree, which is highly regarded both nationally and internationally. This may be because you plan to take a specialist one year MSc postgraduate degree or research degree in the form of a PhD.

## Facilities

You will have access to excellent teaching facilities including laboratories, drawing office, design studio and teaching space, supplemented by extensive computing equipment. Specialist facilities, including laboratory space for structures, materials, public health engineering, building services and geotechnics, give you a creative and stimulating learning environment.

The Faculty of Engineering is continually investing in the best facilities for you and you will find everything you need for your studies right here on campus.



www.engineering.leeds.ac.uk/civil/undergraduate/learning-teaching

# **Enhancing Employability**

All of our degree courses are professionally orientated, so you can be sure that what you learn is up to date with employers' needs. Our degrees will help you to develop skills needed to succeed in industry, including design, problem solving, engineering ethics, numeracy and analysis skills, together with transferable skills, such as communication and working as a team.

Civil Engineering is one of the most diverse professions and can provide a successful career for you whether it's tackling waste management problems or contributing to a new sustainable environment for the next generation.

85%\* of recent graduates have successfully secured positions with organisations or have gone on to further study. Our graduates find positions as Graduate Civil Engineers, Graduate Engineers, Waste Management Consultants, Project Engineers, Performance Analyst, Assistant Structural Engineer, Environmental Advisor, Architectural Engineer, Transport Consultants and Road Design Engineers with organisations such as Amey, Arup, Atkins, Faber Maunsell, AMEC, Gordon Mackie Associates, White Young Green, Balfour Beatty, ORMS Architects, Rolls-Royce and Shepherd Construction. Graduates also find employment outside of the engineering industry, where their numerate problem solving skills are valued.





Civil Engineering roles attract excellent salaries. According to the Institution of Civil Engineers' most recent salary survey the basic starting salary for new civil engineering graduates was £23,500. On average the total income for under 25's was **£24,841** and for those aged 25-29 it stood at **£29,064**.

### **Strong Industrial Links**

The School of Civil Engineering has close links with some of the top graduate recruiters in the field including SKM Consulting, Yorkshire Water, Laing O'Rourke, Arup, Carillion, Atkins, Costain, Balfour Beatty, WSP, Ramboll UK and IBM to name but a few.

The School's strong industrial links are some of the many reasons why Leeds Civil Engineering graduates are highly sought after by employers. It also ensures that your course is industry-orientated and that material is up to date.

Our staff work with numerous companies on wide-ranging research and consultancy projects. We also organise a range of industrial visits and offer additional seminars delivered by practising engineers and other professionals. This means that you have direct contact with industry and potential employers from an early stage in your course.

\*2010/11 DLHE Survey for the Faculty of Engineering.

In an increasingly competitive job market our degrees can give you the edge to help you stand out. We will help you to develop the knowledge and skills you need to succeed, plus plenty of extra opportunities outside of your studies to increase your chances of securing that all-important graduate job.

### **Industrial Placements**

All of our courses allow you to undertake work experience as part of your degree in the form of a summer placement/internship which will help you develop essential employability skills. Our Careers Centre will help you find a placement that works for you.

# International Corporate Leadership Programme (ICLP)

You can apply to undertake a work placement through the University's prestigious International Corporate Leadership Programme (ICLP), which is a collaboration between the University and a range of internationally based companies.

#### Study Abroad

All of our undergraduate courses offer an International or European version outside of the UK, which means that you spend the third year of the MEng at an approved university. This is a fantastic opportunity to experience life in another country and a different culture. The international programme can help you gain confidence, broaden your horizons and develop skills and experiences which can improve your employability. If you have foreign language skills, ERASMUS exchanges are available to several European countries.

### www.leeds.ac.uk/studyabroad



Ashley Lloyd on his study abroad year at the National University of Singapore.



#### **Careers Guidance**

The University of Leeds Careers Centre is one of the largest in the country. The Centre's services and experienced advisors can help you find work experience, improve your CV, guide you in possible career choices, and provide long-term support after you graduate. http://careerweb.leeds.ac.uk

# Engineering and Computing Careers Fair

The annual Engineering and Computing Careers Fair attracts over 30 graduate recruiters. The graduate recruiters also visit the Faculty to deliver presentations and workshops specifically for our engineering and computing students.

## Leeds for Life

Leeds for Life is about preparing our students for their future. It's about inspiring them to get the most out of their academic and co-curricular experiences and build on their time studying at the University of Leeds.

www.leeds.ac.uk/leedsforlife

www.engineering.leeds.ac.uk/civil/undergraduate/employability

# **Civil and Structural Engineering (MEng, BEng)** UCAS CODE H200 **Civil and Structural Engineering (Europe) (MEng, BEng)** UCAS CODE H290 **Civil and Structural Engineering (International) (MEng, BEng)** UCAS CODE H292

The Civil and Structural Engineering courses offer a broadly based scheme of study covering the major areas of civil engineering (structures, fluids, geotechnics, materials, communications, environmental impact, surveying, mathematics, etc.) with a focus on design.

# These courses have formed the core of the School over the past 60 years and there is a strong demand for our graduates.

Most find employment in contracting and consulting whilst others choose other professions such as finance, banking and management. The flexibility of the courses is particularly appealing, and you can tailor the course to reflect your interests and career plans. All three courses are accredited by the Joint Board of Moderators.

If you choose the Europe course you spend the third year of the MEng at an approved university in the EU (outside the UK), being taught in the local language enabling you to develop your language skills, an attribute valued by many employers.

Students have been to France, Germany, Portugal and Spain. However, placements in other EU countries are also possible.

If you select the International course you will spend the third year of the MEng at Hong Kong Polytechnic or in Australia.

# **Student Projects**

- Reinforced concrete design project
- The effect that particle size has on composting
- The effect of temperature on the breakdown rate of waste materials
- Low income housing in developing countries
- Energy efficient building design
- Applications software for RC design
- Design of a geotechnical structure
- Bridge design project
- Investigations on concrete beams strengthened by externally bonded composite plates.

# **Graduate Destinations**

Recent graduates of this course have successfully secured positions such as Graduate Civil Engineers, Graduate Engineers, Graduate Structural Engineers and Project Coordinators with organisations such as Roscoe Capita, Babtie Group, Price and Myers, AMEC Group Ltd, BT, Mowlem Engineering, JSM Design Ltd, White Young and Green, Shepherd Construction, McCarthy's Associates and Furness Green Partnership.



At Leeds they put a great emphasis on project work. I believe that project work is really important as it not only helps to develop technical skills but is also important for inter-personal skills such teamwork, problem solving, communication and time management skills that are essential to succeed in industry.**??** 

# Shonagh, graduate,

Graduate Civil Engineer, Mouchel Parkman

# Architectural Engineering (MEng, BEng) UCAS CODE HK21 Architectural Engineering (International) (MEng, BEng) UCAS CODE H2KC

# Leeds was the first University in the UK to offer Architectural Engineering as a degree course and it has been running very successfully for over 40 years.

The course is designed to produce engineers who understand and can take part in the design of buildings from an architectural perspective, while at the same time having a firm grounding in civil and structural engineering.

Areas of study include architectural history and theory and building services as well as the core civil and structural engineering modules. Our graduates are in high demand from industry, especially from companies which are multidisciplinary, and this includes many of the major consulting firms.

The third year of the International MEng course is spent at a university in the USA, for example, Drexel University in Philadelphia.





If you take the MEng route you can apply for exemption from part 1 of the ARB/RIBA qualifications and the success rate of this is over 80%. The course is also accredited by the Joint Board of Moderators, which will help you gain Chartered Engineer status after graduation.

# Student Projects

- Museum design
- Leisure centre design
- Airport terminal design
- Tower block design.

# Graduate Destinations

Recent graduates of this course have successfully secured positions such as Design Engineers, Trainee Architectural Engineers and Architectural Consultants and Graduate Civil and Structural Engineers with organisations such as Arup, Adams Kara Taylor, Cornerstone Consulting, AMEC Design and Management, Mowlem Plc, Luckman and Clark, Whitby Bird and Parkin Group International.

<sup>44</sup> The course particularly appealed to me because of its unique combination of Engineering and Architecture. One of the many highlights of the course was the third year exchange to Pennsylvania State University in America which is definitely one of the best experiences of my life so far. <sup>37</sup>

### Christopher, graduate, Architectural Engineering, Graduate Structural Engineer– London, Buro Happold

# **Civil Engineering with Project Management (MEng, BEng)** UCAS CODE H2N2 **Civil Engineering with Project Management (International) (MEng, BEng)** UCAS CODE N2H2

# These courses, while covering the core subject areas of civil and structural engineering, have a focus on management, especially project and construction management.

You will study fundamental and general management related to human, environmental, financial, technical and legal aspects as well as core civil and structural engineering subjects and the final year project is management based. Both courses are accredited by the Joint Board of Moderators.

Students on the International course spend the third year at an international university chosen for its strength in management studies such as the University of Alberta in Canada, Arizona State University, Georgia Tech in Atlanta and the University of Singapore.

### **Student Projects**

- Best practice in client briefing
- The evolution of project management
- Whole-life asset management
- Plant and equipment management on construction sites
- Material management on construction sites
- Community relations policies and their implementation by
   Construction firms
- Developing a culture of health and safety on construction
- Projects
- Risk and uncertainty in projects
- Collaborative procurement
- Rail infrastructure management
- BIM in construction management.

### **Graduate Destinations**

Recent graduates of this course have successfully secured positions such as Assistant Site Managers, Site Engineers, Structural Engineers, and Graduate Civil Engineers with organisations such as Shepherd Construction, Costain, Burro Happold Engineering, Sterling Mynard and Partners, Morgan, White Young and Green, Balfour Beatty, Edmund Nuttall, Carillon, Waterman Group and HBPW Consulting.

<sup>44</sup> The biggest highlight has been the opportunity to experience a completely different culture; the skills I have learnt whilst on my year abroad can be easily transferred in the work place.**??** Jennifer

Civil Engineering with Project Management



# **Civil and Environmental Engineering (MEng, BEng)** UCAS CODE H291 **Civil and Environmental Engineering (International) (MEng, BEng)** UCAS CODE H22H

Consideration of the environmental impact of Civil Engineering works forms a part of all the courses offered by the School, but this course focuses on those areas of Civil Engineering which have a major impact on both the human and natural environment and in which the University of Leeds and the School of Civil Engineering have a special expertise.

These include public health engineering (including water supply, wastewater treatment, waste disposal, recycling, contaminated land and pollution control), energy use in buildings and construction, and transport engineering and planning as well as the core civil and structural engineering modules.

Fundamentals of environmental science are also studied. The course was designed to respond to major developments in the profession such as dealing with contaminated sites, minimising environmental impact and improving the environment which are of critical importance. It is accredited by the Joint Board of Moderators of the professional institutions which will help you gain Chartered Engineer status after graduation.

## **Student Projects**

- Use of design matrices for process selection in wastewater treatment
- Health effects of poor housing in the UK
- The effect of temperature on the breakdown rate of waste materials
- Health and sanitation in developing countries
- Energy efficient building design
- Earthquake topics
- Flood risk and management
- Infection control in hospitals.

## **Graduate Destinations**

Recent graduates of this course have successfully secured positions such as Graduate Civil Engineers, Graduate Engineers, Transport Consultants and Road Design Engineers with organisations such as Atkins, Halcrow, Oscar Faber, AMEC, White Young Green, Balfour Beatty, Earth Tech and Shepherd Construction.

<sup>44</sup> The best element about this course for me was the chance to choose your modules based on what you were interested in. For me it was really important that I based my degree around environmental modules as this is where I could see my future career heading. Leeds University also offers some really practical modules where you can get hands-on in the labs and go out on site.<sup>77</sup> Melanie, graduate,

Surface Transport Graduate Engineer, Transport for London



# **Course Structure**

The first, and to a certain extent the second years of your studies are broadly common, the third year is when your options really begin to open up. A choice of modules means that you can tailor the course to reflect your interest and career plans. In the fourth year an individual project comprises nearly half the final year work load.

#### Year 1

## 9 compulsory modules common to all eight degrees:

- Engineering Mechanics and Stress Analysis
- Geotechnics
- Fundamentals of Mechanics
- Engineering Mathematics
- Surveying
- Integrated Design Project
- Civil Engineering Materials
- Principles of Construction Management
- Water Engineering

## Plus one module from:

- Architectural Studies (compulsory for Architectural Engineering)
- Language Module (compulsory for Civil and Structural Engineering (Europe))
- Introduction to Environmental Sustainability (compulsory for Civil and Environmental Engineering)
- Modules offered by other schools in the University may also be selected

# Year 2

## 8 compulsory modules common to all eight degrees:

- Structural Design of Concrete
- Water Engineering
- Structural Design of Steel
- Geotechnics
- Structural and Stress Analysis
- Engineering Mathematics
- Civil Engineering Materials
- Integrated Design Project

## Plus two modules from:

- Architectural Studies (compulsory for Architectural Engineering)
- Building Services Engineering (compulsory for Architectural Engineering)
- Sustainable Engineering Solutions (compulsory for Civil and Environmental Engineering)
- Environmental Health Engineering in Developing Countries (compulsory for Civil and Environmental Engineering)
- Transport Engineering and Planning
- Principles of Management
- (compulsory for Civil Engineering with Project Management) • Language Module
- (compulsory for Civil and Structural Engineering (Europe))

# Year 3

# Year Abroad for students on:

- Civil and Structural Engineering (Europe) MEng
- Civil and Structural Engineering (International) MEng
- Civil and Environmental Engineering (International) MEng
- Civil Engineering with Project Management (International) MEng
- Architectural Engineering (International) MEng

### Four compulsory modules for all other degrees:

- Structural and Stress Analysis
- Integrated Design Project
- Steel and Concrete Engineering
- Design or Investigative Project (this topic is widely selected from a list provided and students can select topics)

# Plus four to six modules (depending on course) from:

Construction Site Field course\* • Transport Engineering • Water Engineering (compulsory for Civil and Environmental Engineering)
 Wastewater Engineering (compulsory for Civil and Environmental Engineering) • Engineering Mathematics • Architectural Studies (compulsory for Architectural Engineering) • Building Services Engineering (compulsory for Architectural Engineering)
 • Construction Economics (compulsory for Civil Engineering with Project Management) • Engineering Geology • Introduction to Railway Engineering • Geotechnics • Civil Engineering Materials

(\*There may be an additional charge for this residential course to cover accommodation costs)

# Year 4

# All students undertake:

• Individual Research/Design Project and an Integrated Design Project plus the following:

Architectural Engineering	Civil and Structural	Civil Engineering with	Civil and Environmental
(including International):	Engineering (including Europe	Project Management	Engineering (including
Compulsory:	and International):	(including International):	International):
<ul> <li>Advanced Structural Analysis</li> <li>Building Services Engineering</li> <li>Foundation Engineering</li> </ul>	Options from the list below	<ul> <li>Compulsory:</li> <li>Construction Business Management</li> <li>Applied Construction Management</li> <li>Plus options from the list below</li> </ul>	Options from the list below

# Options available at MEng/MSc level 4.

 Funding for Projects • Design and Management of Structures in Earthquake Zones • Design Optimisation • Advanced Concrete Design • Deterioration and Maintenance of Concrete Structures • Applied Construction Management • Advanced Water Engineering
 • Solid Waste Management • Natural Wastewater Treatment and Reuse • Integrated Water Resources Management • Foundation Engineering • Architecture and Urbanism • Construction Business Management • Advanced Structural Analysis • Architectural Engineering Studies • Deterioration and Maintenance of Pavements

The module table indicates the range of topics students may study. It is important to note that the availability of some options in later years will be determined by earlier choices. We also regularly review the structure, content and assessment of our courses and may vary them from time to time in the light of experience and new developments.

Please note that progression from one year of a programme to the next may be subject to satisfaction of additional criteria to the general University criteria.

# **Entry Requirements and How to Apply**

All undergraduate applications should be made through the Universities and Colleges Admissions Service (UCAS). Full instructions on how to apply are available at www.ucas.com

#### **Equivalent Qualifications**

The majority of applicants apply with GCE A-levels, although a wide range of alternative UK qualifications are welcomed. For more information visit:

www.engineering.leeds.ac.uk/alternative-uk-qualifications

#### **International Students**

We have many international students and we make offers with reference to most recognised national and international qualifications on an individual basis. For information about our entry requirements for your country you can visit

# www.engineering.leeds.ac.uk/equivalent-qualifications

We also offer a number of competitive scholarships to students from outside the UK and European Union.

If you have any queries about entry requirements please contact the Undergraduate Admissions Team **ugcivil@leeds.ac.uk** 

## **English Language Requirements**

If English is not your first language, you will need a recognised English Language qualification for example IELTS (6.0 overall with at least 5.5 in each component of listening, reading, speaking and writing) or TOEFL (87 overall with no less than 21 in listening, 22 in reading, 23 in speaking and 21 in writing).

#### Language Centre

The University's Language Centre offers several courses to help international students improve their English language skills. If

you have not yet reached the University's English requirement you can take the Pathway English Language Programme, intended specifically for those who are applying for, or planning to apply for, an undergraduate degree, but who need to improve their level of English to meet the University's requirements.

There is also a Pre-Sessional Programme for students who have fulfilled the English requirement but would like to improve their academic language skills before starting their degree.

# www.leeds.ac.uk/homepage/249/language\_centre

#### **Foundation Year for International Students**

The University of Leeds also offers a Foundation Year for international students in Engineering, which can provide an alternative entry to our degree courses. This one-year course is available to international students with a background equivalent to AS-level, for example the School Leaving Certificate.

http://internationalfoundationyear.leeds.ac.uk

### Foundation Course (CFG0)

Students who do not have the required qualifications for year 1 entry may be interested in the Interdisciplinary Science Foundation Programme, which consists of an initial year of mathematics and science designed to equip students with the broad range of basic skills needed to embark on a civil engineering course. Once students have successfully completed the Foundation Programme they can progress onto the first year (year 1) of their degree course.

www.llc.leeds.ac.uk/courses/interdisciplinary-science-foundation

## **Scholarships**

We are committed to challenging and supporting our students and to recognising hard work and achievement. There are a range of scholarships available for UK, EU and international students.

www.engineering.leeds.ac.uk/scholarships

Course	UCAS Code	A Level Requirement	
Architectural Engineering (MEng, BEng)	HK21		
rchitectural Engineering (International) (MEng)	H2KC		
Civil and Environmental Engineering (MEng, BEng)	H291		
Civil and Environmental Engineering (International) (MEng, BEng)	H22H		
Civil Engineering with Project Management (MEng, BEng)	H2N2	AAA including Mathematics	
Civil Engineering with Project Management (International) (MEng)	N2H2		
Civil and Structural Engineering (MEng, BEng)	H200		
Civil and Structural Engineering (Europe) (MEng, BEng)*	H290		
Civil and Structural Engineering (International) (MEng, BEng)	H292		

\*for European programmes applicants will also need a European Language at GCSE grade C or equivalent

# **Coming to Leeds**



#### Visit Us

Open Days are a great opportunity to visit the University and to get a feel for what it will be like to study here before you apply. There are general University Open Days in June and October.

#### www.leeds.ac.uk/visitus

#### After Application

Once your UCAS form has reached our Admissions Tutor, suitable applicants who are able to reach the School with reasonable ease will be invited for an interview, otherwise an offer is based on the UCAS form. The interview gives you a chance to look around the School and the University and meet some of our undergraduates. It also gives you the opportunity to discuss your application with a member of staff. We appreciate that not all applicants are able to attend an interview and in such cases offers will be based on the information on the UCAS form.

#### Accommodation

We know how important finding the right accommodation is, so the University guarantees accommodation for all first year single undergraduates who apply before July of the year of entry. More information about University accommodation, viewing days and how to apply is available on our accommodation office website, visit: www.leeds.ac.uk/accommodation

#### **University of Leeds**

The University of Leeds is one of the UK's top universities. Our degrees are well respected by employers and Universities worldwide; in the 2010 QS World University Rankings, our Employer Review score was 88%.

Established in 1904, we are part of the prestigious Russell Group – the 20 leading research universities in the UK. We are also in the top ten UK research intensive universities. We have performed consistently well in the National Student Survey. In fact, in the latest survey, 86% of students said they were very satisfied or satisfied with their experience at Leeds.

Our single-site campus is conveniently located a short 10 minute walk to the city centre, providing access to a vibrant city life and excellent local services and facilities.

We have more than 5,000 undergraduate students from outside the UK who choose to study at Leeds and make use of our outstanding facilities, including a major academic research library, laboratories and computing facilities.

Located at the heart of our campus is our award-winning Students' Union which has over 31,000 members. Clubs and societies form an essential part of the Union, with over 300 to choose from – including everything from national groups such as the Chinese Society, faith and cultural societies to extreme sports and the performing arts. Also located on campus is our flagship state-ofthe-art fitness, sport and wellbeing facility – The Edge.

#### City Life

Leeds is a fantastic place to live and learn; it's a multi-cultural and cosmopolitan city with over 200,000 students, all enjoying the safe, friendly environment.

Leeds is renowned as a major shopping destination and centre for entertainment, nightlife, the arts and leisure. The city boasts over two miles of traffic-free shopping and beautiful Victorian and Edwardian arcades filled with shops of every kind. The city also offers an extensive choice of places to eat and drink whatever your culinary tastes or budgets. Nightlife in and around the city is known for its diversity and popularity, and offers a range of music to suit all tastes.

Located at the heart of the UK, Leeds is midway between Edinburgh and London making it an ideal centre from which to visit other parts of the country. Leeds can be reached easily by train from any part of the UK, and is served by Leeds/Bradford International Airport, with train connections from Manchester and London International Airports.

#### **More Information**

If you require further detailed information, are uncertain about your qualifications or if you have special needs, please contact the Admissions Tutor prior to making a formal application.

### Dr Terry Cousens, Admissions Tutor

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For current information on courses, fees and entry requirements please visit our website at www.engineering.leeds.ac.uk

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