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Construction Management Masters/MSc/Diploma

If you wish to view this video in Chinese, please click here (/postgraduate/courses/taught/civil-engineering/chen-xi-video-chinese.aspx). **如果你希望看这个中文视频，请点击这里 (/postgraduate/courses/taught/civil-engineering/chen-xi-video-chinese.aspx)**

Postgraduate degree programme Construction Management Masters/MSc/Diploma:

The programme provides advanced training to graduates to develop their construction management skills enabling them to play leading roles in a professional capacity in both the civil engineering and building industries.

The skills gained will provide them with ability to respond to changing requirements of the construction industry in both the UK and overseas. The programme includes lectures, tutorials, workshops, industrial seminars, site visits and individual projects.

- Master degree, MSc (12 months – full-time, 24 months – part-time)
- Postgraduate Diploma (8 months – full-time)

Study here and find out why the University of Birmingham has been awarded The Times and The Sunday Times University of the Year 2013-14 (http://www.birmingham.ac.uk/news/latest/2013/09/20-sep-Birmingham-announced-as-University-of-the-Year.aspx)

Course fact file
Type of Course: Continuing professional development, taught
Study Options: Full time, part time
Duration: 1 year full-time, or on a part-time basis over 24 months
Start date: September

Related courses

Civil Engineering postgraduate degree courses (/schools/civil-engineering/postgraduate/index.aspx)

Taught postgraduate degree courses - School of Civil Engineering (/schools/civil-engineering/postgraduate/taught-degrees.aspx)

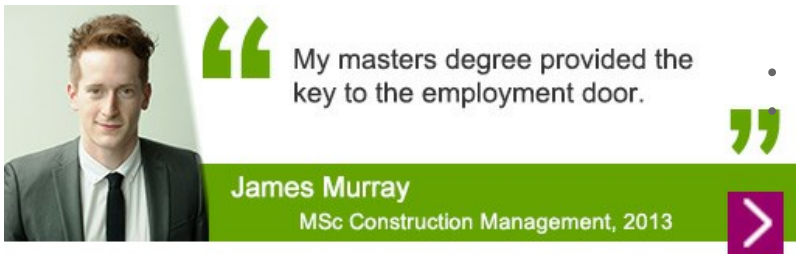
Postgraduate degree courses in Civil Engineering at Birmingham (pdf 1 MB) (/Documents/college-eps/civil/brochure/postgraduate-courses-civil-engineering.pdf)

Contact

Admissions team:
Tel: +44 (0)121 414 5089
Fax: +44 (0)121 414 5051
Email: **d.moody@bham.ac.uk (mailto:d.moody@bham.ac.uk)**

School of Civil Engineering (/schools/civil-engineering/index.aspx)

Details



(/university/colleges/eps/postgraduate/student-profiles/james-murray.aspx)

- Masters degree, MSc (12 months - full-time; 24 months - part-time)
- Postgraduate Diploma (8 months – full-time)

Before applying for the part-time option, please contact **pga-civeng@bham.ac.uk (mailto:pga-civeng@bham.ac.uk)** for advice and information.

This programme addresses management in the construction industry in its widest sense. The purpose is to provide advanced training to graduates aspiring to higher or middle management positions in the civil engineering and building industries. It addresses the working of those organisations, as well as disciplines and techniques of practical use in the management and implementation of all stages of construction and civil engineering projects. This opens up a wide range of career opportunities, as many of the techniques are applicable both within and outside the construction industry.

The programme includes lectures, tutorials, workshops, industrial seminars, site visits and an individual project.

The syllabus covers:

- Project management for construction
- Finance and core skills

- Sustainable construction
- Engineering production and project risk management
- Asset management
- Construction technology
- Industrial seminars and workshops
- A research project

Related links:

- **Civil Engineering postgraduate degree courses (/schools/civil-engineering/postgraduate/index.aspx)**
- **Taught postgraduate degree courses - School of Civil Engineering (/schools/civil-engineering/postgraduate/taught-degrees.aspx)**

Why study this course

The programme aims are to develop the construction management skills of construction graduates to enable them to play leading roles in a professional capacity in the construction industry and academia, and to develop and deliver new areas of teaching in response to the changing managerial requirements of the construction industry for academics and practitioners in the UK and overseas.

The MSc/PgD in Construction Management has been run at the University since 1975. Several thousand students from both the United Kingdom and around the world have attended this programme. The School has an active Management Research Group and range of visiting lecturers which facilitate state of the art input to the programme on a wide range of construction and project management topics.

The programme is suitable for graduates employed in civil engineering design and/or construction and is primarily intended for early mid-career training to enable practising civil engineers and other professionals aspiring to high management positions in public and private organisations to upgrade their knowledge and develop management skills applicable to the construction industry. Graduates from other disciplines are welcome and the intake is gradually widening to take account of changes and developments in the industry.

Civil Engineering at Birmingham is housed in modern buildings which provide facilities for undergraduate Civil Engineering programmes, the postgraduate Master of Science and Postgraduate Diploma programmes, post-experience programmes and an active PhD research centre. We have well equipped laboratory and computing facilities and make a point of undertaking work in co-operation with industry. The majority of the academic staff have had professional engineering experience which is often continued by means of research contracts and consultancies with private and public organisations. We have an impressive record of publications in engineering and scientific journals.

Modules

Modules (and credits)

- Construction Management (20)
- Individual Project (60)
- Sustainable Construction(20)
- Finance and Core Skills (20)
- Engineering Production and Risk Management (20)
- Group Working in the Construction Industry (20)
- Geotechnical Process Management (20)

Fees and funding

Tuition fees for home/EU students (2014/2015)

	Full-time fees
Postgraduate Masters	£5940
Postgraduate Diploma	£3420

Part-time programmes
Most part-time programmes run for two years and their fees are one half of the standard full-time programme fees.

Tuition fees for international students (2014/2015)

International student tuition fees are set at **£17355**.
For further information please view the **fees for international students (http://www.birmingham.ac.uk/international/students/finance/fees.aspx)** page.
Part-time programmes
UK student visa regulations mean that students classed as overseas for fees purposes may normally only register on a full-time basis.

Further funding information

Standard fees (/postgraduate/pgt-fees/fees.aspx) apply
Learn more about **fees and funding (/postgraduate/pgt-fees/index.aspx)**

Scholarships and studentships
Scholarships may be available. International students can often gain funding through overseas research scholarships, Commonwealth scholarships or their home government.

For further information contact the **School directly (mailto:pga-civeng@bham.ac.uk)** or email **sfo@contacts.bham.ac.uk (mailto:sfo@contacts.bham.ac.uk)**

Entry requirements

The basic requirement is a good Honours degree in an appropriate discipline (for example, Engineering, Sciences or Mathematics) and evidence of adequate knowledge

of the English language. However, practical experience may also be an important consideration.

Learn more about **entry requirements (http://www.birmingham.ac.uk/students/pg/requirements)**

International students
We accept a range of qualifications from different countries – learn more about **international entry requirements (http://www.birmingham.ac.uk/students/pg/requirements/international)**

Standard English language requirements (/postgraduate/requirements-pgt/international/index.aspx) apply

How to apply

When clicking on the Apply Now button you will be directed to an application specifically designed for the programme you wish to apply for where you will create an account with the University application system and submit your application and supporting documents online. Further information regarding how to apply online can be found on the **How to apply pages (http://www.birmingham.ac.uk/students/courses/postgraduate/apply-pg/index.aspx)**

Apply now (https://pga.bham.ac.uk/lpages/EPS017.htm)

Related links

Civil Engineering postgraduate degree courses (/schools/civil-engineering/postgraduate/index.aspx)

Taught postgraduate degree courses - School of Civil Engineering (/schools/civil-engineering/postgraduate/taught-degrees.aspx)

Related news and events

The William E Lardner Award in Civil Engineering (/schools/civil-engineering/news/william-lardner-award.aspx)

Learning and teaching

Objectives

MSc/PG Diploma in Construction Management provides a ground in the main disciplines and techniques and to develop personal skills of practical use in the management and implementation of construction and civil engineering projects.

The programme addresses the management of technical (engineering) techniques, the development of personal, interpersonal and project management skills, and provides a fundamental understanding of the social, economic, resource management and legal frameworks within which the construction project takes place. Generally, The purpose of the course is to prepare the student to make an effective contribution to the project management of the whole enterprise and environment in which she/he will work.

The content of the programme takes into account the dominant position of the engineer at every stage in the development of a civil engineering project. Since the engineer is normally chosen to fill a position with responsibility for technical, financial and contractual decisions and for the overall management and administration of a project, the programme is directed to satisfying these needs.

The programme

Both MSc and Postgraduate Diploma students take the identical taught part of the course in the September to May period. This is a combination of lectures with seminars, tutorials, workshops, coursework and site visits (subject to findings suitable sites). In order to achieve a MSc degree, students are required to undertake a major individual project in the May to September period. Diploma students do not take the individual project. The taught part of the programme consists of nominally 1200 student effort hours including some 400 contact hours of lectures, seminars, tutorials and workshops. The individual project involves approximate 600 hours of student effort.The MSc/PG in Construction Management programme may be studied in the 'full-time' or the 'part-time' mode. All students attend the same prescribed series of lecture programmes. Both modes begin at the end of September. Lectures, Seminars, Tutorials and Workshops are scheduled in the Autumn and Spring Terms. In the early part of the Spring term, Full time MSc students choose their research project in consultation with course supervisors and progressively develop in readiness for full-time research during the Summer Term and summer period. The project dissertation is submitted in writing and presented orally in late August or early September.

Examinations: Formal University Examinations are normally held during the week immediately before the commencement of the Spring and Summer terms. This will be confirmed nearer the time. Submission of thesis - End of August/Beginning of September.

Assessment: A student's performance is assessed by written examinations (January and May) and individual coursework. The research project report is submitted and presented (end of August/early September) for assessment. Students must normally reach a satisfactory standard in the written examinations to be permitted to proceed to the individual project.

Transfer between Postgraduate Diploma and MSc is possible upon completion of the Diploma for a Diploma student who satisfies the MSc requirements. The Diploma may be awarded to an MSc student who fails to complete the individual project.

Employability

Career prospects

Construction Management course has been designed specifically to meet the needs of employers to allow maximum career opportunities. Graduates from this course are normally employed in a wide range of sectors in both public and private including construction and project managers, project planners, surveyors, estimators, consultants and technologist, either in the UK or overseas. Today a career as a professional construction and project manager offers excellent prospects for both genders.

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University Careers Network

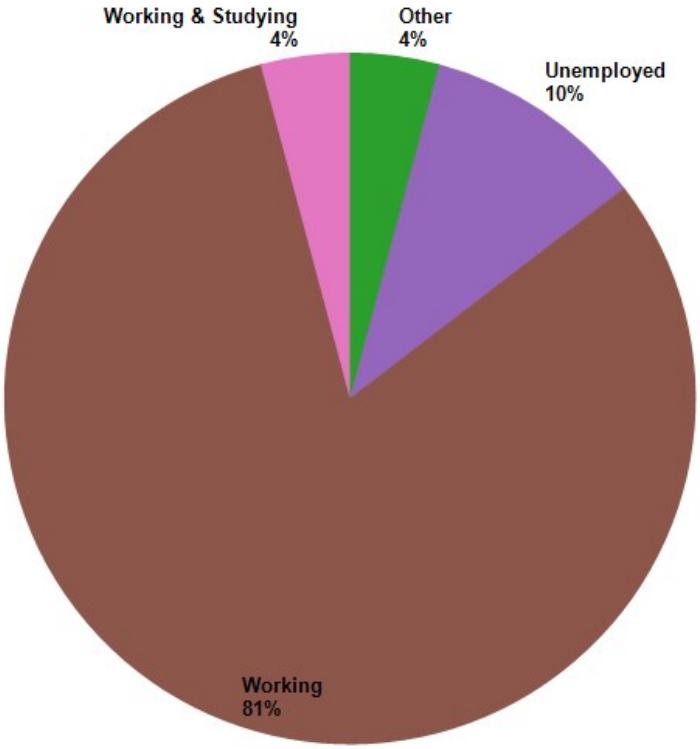
Preparation for your career should be one of the first things you think about as you start university. Whether you have a clear idea of where your future aspirations lie or want to consider the broad range of opportunities available once you have a Birmingham degree, our Careers Network can help you achieve your goal.

Our unique careers guidance service is tailored to your academic subject area, offering a specialised team (in each of the five academic colleges) who can give you expert advice. Our team source exclusive work experience opportunities to help you stand out amongst the competition, with mentoring, global internships and placements available to you. Once you have a career in your sights, one-to-one support with CVs and job applications will help give you the edge.

If you make the most of the **wide range of services (https://intranet.birmingham.ac.uk/as/employability/careers/college/eps/index.aspx)** you will be able to develop your career from the moment you arrive.

Destinations of Leavers from Higher Education (DLHE) 2011/12 (postgraduate taught graduates)

The DLHE survey is conducted 6 months after graduation.



Examples of employers

- AECOM
- Amey
- Arup
- Atkins
- British Army
- Hyder Consulting
- Interserve
- Laing O'Rourke
- Mouchel
- Network Rail

Examples of occupations

- Assistant Civil Engineer
- Consultant Engineer
- Graduate Bridge Engineer
- Graduate Leader
- Graduate Site Engineer
- Graduate Tunnelling Engineer
- Officer Cadet
- Site Engineer
- Structural Engineer
- Water Engineer

Further study - examples of courses

- MRes Materials and Sustainable Technology
- MRes Science and Engineering of Materials
- MSc Computer Science
- MSc Construction Management
- MSc Environmental Technology
- MSc Railway Systems Engineering and Integration
- MSc Road Engineering and Management
- PhD Civil Engineering

Visit the **Careers section of the University website (https://intranet.birmingham.ac.uk/as/employability/careers/college/eps.aspx)** for further information.

Professional accreditation

The MSc Construction Management course has been approved by the Institution of Civil Engineers, Institution of Structural Engineers and Chartered Institution of Highways and Transportation.

This degree is accredited as meeting the requirements for Further Learning for a Chartered Engineer (CEng) for candidates who have already acquired a Accredited CEng (Partial) BEng(Hons). See **www.jbm.org.uk (http://www.jbm.org.uk)** for further information. Individual enquiries should be referred to the CIOB.

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