The Civil Engineering Graduate Diploma enables applicants with a degree in a related subject (for example mathematics, physics or geology) to take a qualifying year before moving onto a Civil or Structural Engineering MSc programme. This conversion programme offers a unique opportunity to be awarded an accredited level 7 Civil Engineering MSc after two years of study. Opening your career path to become a chartered civil engineer.

Degree summary

This bespoke programme provides grounding in fluids, materials, soils and structures that are essential to any career as a Civil Engineer. The modules are taken from our second and third year BEng/MEng Engineering (Civil) programme. In addition, to the taught modules you will work in pairs on a civil engineering research project.

UCL Civil, Environmental & Geomatic Engineering is an energetic and exciting multidisciplinary department with a long tradition of excellence in teaching and research, situated at the heart of London. Throughout your programme you will be taught by lectures recognised as international leaders in their field.

At the end of the term 3 you will go on a one-week residential field course gaining practical skills in construction site management and safety. You will work alongside practising engineers to develop and use technical drawings to build scaled structures. These are built to same standards and using the same methods that are applied on professional construction sites.

The programme is delivered through a combination of lectures, tutorials, seminars and laboratory classes. The civil engineering project involves individual research and can include laboratory, computational or fieldwork depending on the nature of your project and your supervisor. It is usually completed in pairs. The programme also includes a residential field course at the end of term 3.

Accreditation

This pre-qualifying year is recognised by the Joint Board of Moderators (ICE, IStructE etc) and offers a unique opportunity to become a Chartered Engineer once you have completed an accredited MSc (UCL Civil Engineering or Earthquake Engineering with Disaster Management). At the start of the programme your application will be sent to the JBM for assessment by the Individual Case Committee to ensure that your academic background is suitable for Charter ship.

Degree structure

Mode: Full-time: 9 months
Location: London, Bloomsbury

Students undertake modules to the value of 120 credits. The programme consists of six core modules (90 UCL credits), one optional module (15 UCL credits) and a research project (15 UCL Credits).

Please note that the list of modules given here is indicative. This information is published a long time in advance of enrolment and module content and availability is subject to change.

COMPULSORY MODULES

- Structural Analysis and Design
- Materials II and Applied Fluid Mechanics II
- Soil Mechanics and Engineering Geology
- Civil Engineering in Practice
- Structures and Materials
- Civil Engineering Project

OPTIONAL MODULES

- You will need to choose one module from the optional list:
  - Modelling and Analysis II
  - Fluids & Soils III

DISSERTATION/REPORT

- Students conduct a civil engineering research project over two terms, usually working in pairs.

6 day residential field course where you construct scaled down versions of bridges and other structures. The basic model consists of a university, contractor and consultant working in partnership to deliver a unique learning experience, where students gain practical site experience. Students are required to contribute around £150 towards the cost of this field trip.

£150
Your career

Civil engineering graduates are readily employed by consultancies, construction companies and government departments.

Students who complete both this pre-qualifying year and a Civil Engineering MSc or an Earthquake Engineering and Disaster Management MSc, have excellent career prospects with leading civil and structural engineering companies.

Employability

There are excellent employment prospects for our graduates. There is international demand for multi-skilled, solutions-focused professionals who can take a holistic approach to solving problems.
Entry requirements

The Civil Engineering Graduate Diploma enables applicants with a degree in a related subject (for example mathematics, physics or geology) to take a qualifying year before moving onto our Civil Engineering MSc programme. Hence opening the path to a career in civil engineering as a chartered engineer. At the start of the programme your application will be sent to the JBM for assessment by the Individual Case Committee to ensure that your academic background is suitable for Chartership.

You will need to apply for the Graduate Diploma separately from the MSc programme – however please make sure you indicate which MSc programme you intend on pursuing. If you satisfy all admissions criteria for the Graduate Diploma you will proceed onto one of our MSc programmes for the following year.

Overseas students requiring a visa to study should note that the Graduate Diploma and the Civil Engineering MSc are treated as TWO separate programmes. You will only be able to obtain a one-year visa for the Graduate Diploma and then you will need to apply for a second visa if you are also provided with an offer for an MSc. You will almost certainly have to leave the UK between finishing the Graduate Diploma in June and commencing the MSc in September.

English language proficiency level

If your education has not been conducted in the English language, you will be expected to demonstrate evidence of an adequate level of English proficiency.

The level of English language proficiency for this programme is: Good.

Information about the evidence required, acceptable qualifications and test providers is provided at: www.ucl.ac.uk/graduate/english-requirements

Your application

Students are advised to apply as early as possible due to competition for places. Those applying for scholarship funding (particularly overseas applicants) should take note of application deadlines.

When we assess your application we would like to learn:

- why you want to study Civil Engineering at graduate level
- why you want to study Civil Engineering at UCL
- what particularly attracts you to this programme
- how your personal, academic and professional background meets the demands of a challenging programme
- where you would like to go professionally with your degree

Together with essential academic requirements, the personal statement is your opportunity to illustrate whether your reasons for applying to this programme match what the programme will deliver.

There is an application processing fee for this programme of £75 for online applications and £100 for paper applications. Further information can be found at: www.ucl.ac.uk/prospective-students/graduate/taught/application.