GEOINFORMATICS FOR BUILDING INFORMATION MODELLING MSc / 2017/18 ENTRY

www.ucl.ac.uk/graduate/cege
This MSc focuses on the geoinformation aspects of building information modelling (BIM). The programme also embeds BIM into the wider organisational and legislative framework and introduces students to real-world applications of BIM, along with leading-edge 3D GIS and BIM-related research.

**Degree summary**

This programme will educate students in the geometric and semantic aspects of BIM and the integrated management of geospatial and BIM-related data. This includes principles of surveying, 3D reality capture, a general overview of technologies related to mapping sciences, geo-information science and 3D geometric modelling.

UCL Civil, Environmental & Geomatic Engineering is an energetic and exciting environment. Students have the advantages of studying in a multidisciplinary department with a long tradition of excellence in teaching and research, situated at the heart of London.

Through its research collaborations the department is in close contact with key industry leaders such as Arup, SKANSKA and Autodesk. Through these contacts it has been possible to verify the industry’s need for the exact skills this training will provide.

The programme is delivered through a combination of lectures, practical exercises, and involvement in projects. Assessment is through written examination, coursework and project work.

**Degree structure**

Mode: Full-time: 1 year
Location: London, Bloomsbury

Students undertake modules to the value of 180 credits. The programme consists of seven core modules (105 credits), one optional module (15 credits) and a dissertation/report (60 credits).

A Postgraduate Diploma (120 credits, full-time one year) is offered

**CORE MODULES**

- Applied Building Information Modelling
- Data Analysis
- GIS Principles and Technology
- Mapping Science
- Principles and Practices of Surveying
- Spatial Data Management
- Terrestrial Data Acquisition

**OPTIONAL MODULES**

- Students choose one of the following:
  - Survey Project
  - Image Understanding

**DISSERTATION/REPORT**

- All students undertake an independent research project which culminates in a dissertation of 10,000–12,000 words.
Your career
Graduates are likely to find work on UK government construction projects and also with international corporations.

Employability
Given the increasing demand both in the UK and internationally for BIM-trained graduates, career prospects are vast.
Entry requirements

Normally a minimum of an upper second-class Bachelor’s degree from a UK university or an overseas qualification of an equivalent standard.

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: Standard.

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 Geoinformatics for Building Information Modelling at graduate level
// why you want to study Geoinformatics for Building Information Modelling 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.

FEES AND FUNDING 2017/18 ENTRY

// UK: £11,800 (FT)
// EU: £11,800 (FT)
// Overseas: £24,610 (FT)

The tuition fees shown are for the year indicated above. Fees for subsequent years may increase or otherwise vary. Further information on fee status, fee increases and the fee schedule can be viewed on the UCL Current Students website.

Full details of funding opportunities can be found on the UCL Scholarships website: www.ucl.ac.uk/scholarships

APPLICATION DEADLINE

All applicants: 28 July 2017

Details on how to apply are available on the website at: www.ucl.ac.uk/graduate/apply

CONTACT

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EU referendum

For up-to-date information relating to specific key questions following the UK’s decision to leave the EU, please refer to www.ucl.ac.uk/eu-referendum

This information is for guidance only. It should not be construed as advice nor relied upon and does not form part of any contract. For more information on UCL's degree programmes please see the UCL Graduate Prospectus at www.ucl.ac.uk/graduate