

ACCESS TO RESEARCH

The Departments of Engineering and Architecture each have wide ranging research programmes, to which IDBE students may gain access. Current projects include:

- Conflict in Cities
- Energy Efficient Cities

- Sustainable Cities and Transport
- Historic Buildings
- Glass and Facade Technology
- Smart Infrastructure
- Construction, Engineering and Technology
- Renewable Energy Design Tools
- Risk in the Built Environment

The two-year part-time IDBE course was initiated and shaped by the design professions and offers a distinctive collaborative learning style that has been developed and refined since the founding of the course in 1994. It addresses the major challenges facing the built environment including rethinking construction, technological innovation, BIM, professional ethics, whole life value, the sustainability agenda and low carbon buildings.

 **IDBE**
Masters Programme

2013 – 2015



The Masters programme for design, sustainability innovation and leadership in the built environment



You will participate in tutorial discussions, workshops, lectures and seminars, as well as in collaborative studio design projects undertaken in carefully balanced interdisciplinary teams. Academic staff, high profile practitioners and leading industry thinkers will be your tutors and supervisors, and you will be exposed to best practice and the latest research findings. Individual written assignments will introduce you to research methods and the production of new knowledge. Networking with your fellow students and alumni will connect you to future business leaders. Refreshed and invigorated with your experiences, you will carry back to your organisation innovative ideas and new solutions contributing to the company.

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Interdisciplinary Design for the Built Environment

The programme is jointly administered by the University of Cambridge Departments of Engineering and Architecture.

 **UNIVERSITY OF CAMBRIDGE**

INFORMATION FOR APPLICANTS

Masters Course

The two-year Masters course is open to those involved in the commissioning, design, construction and management of projects in the built environment. Applications are welcome from those with a background in architecture, engineering, surveying, planning, landscape design, project management, building economics, urban design, contracting, as well as from client representatives, client advisors and facility managers.

Entry Qualifications

Applicants should have a good first degree (upper second or better) together with three or more years of professional experience since graduating. Those with alternative experience or qualifications should contact the IDBE office for advice. Approximately one third of the IDBE students are from outside the UK, reflecting the increasingly global nature of the industry.

Course Aims

- To equip professionals for strategic decision making, inventive problem solving and evidence based design
- To develop skills in effective collaboration, communication and team work
- To provide a strategic overview of the production of the built environment and key contemporary challenges

Accreditation

The course is accredited by the Joint Board of Moderators (on behalf of the Institution of Civil Engineers, the Institution of Structural Engineers, the Chartered Institution of Highways and Transportation and the Institution of Highway Engineers) as meeting the requirements for Further Learning for a Chartered Engineer (CEng) for candidates who have already acquired an Accredited BEng(Hons) undergraduate first degree. The course is similarly accredited by the Chartered Institution of Building Services Engineers as Further Learning to meet UK-SPEC requirements for those with an Accredited UK BEng. IDBE is also accredited by the Royal Institution of Chartered Surveyors under the project management pathway, and by the Royal Institute of British Architects as a provider of Advanced CPD.

The IDBE programme is grateful to the Ove Arup Foundation, the Happold Trust, the Newton Trust, the Panasonic Trust and the IStructE Education Trust for their support.

Course structure

The course is part-time. Students spend a total of seven residential weeks in Cambridge during the two years; four weeks in the first year and three in the second. Each week comprises an intensive programme of:

- Formal lectures from leading practitioners and academics
- Workshops and seminars
- A studio design project undertaken in small interdisciplinary teams of students supported by design tutors

Themes of the residential weeks

The course, and its programme of lectures, seminars and workshops, is centred on the linked topics of buildings, cities, infrastructure, sustainability, technology, teams and clients. The themes of the residential weeks are:

- Interdisciplinary understanding
- The client, the user and the design team
- Teamwork, leadership and collaboration
- Sustainable construction
- Infrastructure and landscape
- The structure of the industry
- Urban design and sustainable communities

Individual Assignments

Between the residential weeks, and away from Cambridge, students undertake four written assignments:

- A 5000 word case study
- Two 3,000 word essays
- A 15,000 word thesis in the second year

The thesis in particular is an opportunity to conduct an in depth investigation into a built environment topic that particularly interests you and lies within the remit of the course syllabus.

College Information

Every Cambridge student becomes a member of one of the University's 31 independent colleges. Joining IDBE for 2013-2015, you will become a life member of Wolfson College which was specifically established for mature, graduate and international students.

2013-2015 COURSE DATES

The residential study weeks in Cambridge run from Sunday evening to Saturday afternoon. Course dates are as follows:

Year	Dates
2013	September 22nd– 28th December 8th – 14th
2014	March 23rd – 29th June 15th – 21st December 7th – 13th
2015	March 22nd– 28th July 12th – 18th

FEES AND FINANCIAL SUPPORT

The fees for the programme are built up from tuition fees, college fees and accommodation costs as follows:

Item	Fees
Tuition and college fees	£6850 per year
Accommodation	£850 per year
Total	£7700 per year

Most students are expected to obtain full or partial funding from their employers. Where this is not possible, some bursaries are available for a proportion of the tuition fee.

APPLICATIONS

Applications for the 2013-2015 course should be made via the Institute of Continuing Education: www.ice.cam.ac.uk/mst. In the first instance please email a copy of your CV to the IDBE office for advice on your suitability.

Contact Details

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If you require further information about the IDBE course, please check our extensive website. If you cannot find the information you need, please contact the course office.