

Through a series of intensive studio design projects undertaken in interdisciplinary teams and supported by lectures, seminars and workshops, you will focus on the major challenges facing the built environment including rethinking construction, the sustainability agenda, technological innovation, professional ethics and whole life value.

Refreshed and invigorated by your experience during the residential study weeks, you will carry back to your company innovative ideas and new solutions for constructing the future that will cascade through the firm, contributing to organisational learning and business improvement.



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

The course is accredited by the Institution of Civil Engineers, the Institution of Highways and Transportation, the Institution of Structural Engineers, and the Royal Institution of Chartered Surveyors.



#### COLLEGE INFORMATION

Every Cambridge student is required to be a member of one of the University's 31 independent colleges. Each college provides accommodation, meals, library, social and other facilities and support.

Joining IDBE for 2011-2013, you will become a life member of Wolfson College and entitled to the associated privileges this brings.

Wolfson was specifically established for mature, graduate and international students and offers extensive opportunities for informal networking between IDBE course members and those from other academic disciplines.

#### CURRENT 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
- Sustainability of Land Use Transport
- Glass and Facade Technology
- Smart Infrastructure
- Construction Engineering and Technology
- Implementation Strategy for Sustainable Urban Environments

The University of Cambridge is internationally renowned for its excellence in research and teaching as well as for its fine buildings, colleges and courts. Cambridge provides a unique setting for studying innovation in architecture and engineering.

The two-year part-time IDBE course was initiated and shaped by the design professions. It offers a distinctive learning style that has been developed and refined since the founding of the course in 1994.

You will participate in tutorial discussions, workshops, lectures and seminars, as well as in collaborative studio projects undertaken in carefully selected 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 in the sector. Individual assignments will introduce you to research methods and the production of new knowledge. And networking with your fellow students and alumni will connect you to future business leaders.

#### Interdisciplinary Design for the Built Environment

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

# 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 facilities managers.

## Course aims

- To equip professionals for strategic decision making, inventive problem solving and team leadership
- To develop skills in effective collaboration and communication, particularly between clients and their advisors, design professionals, constructors and users
- To provide a strategic overview of the production of the built environment, including current challenges faced by the construction industry such as global climate change and sustainability

## 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 themes 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 5,000 word case study
- Two 3,000 word essays
- A 15,000 word thesis in the second year

Here, IDBE students have the opportunity to examine self-selected topics in-depth, and may explore issues of interest to the student's employing organisation.

## 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 IDBE students are from outside the UK, reflecting the increasingly global nature of the industry.

## 2011-2013 COURSE DATES

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

Year	Dates
2011	September 18th – 24th December 4th – 10th
2012	March 25th – 31st June 17th – 23rd December 2nd – 8th
2013	March 17th – 23rd July 14th – 20th

## 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	£5050 per year
Accommodation	£700 per year
College	£500 per year
Total	£6250 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 2011-2013 course should be made by completing an IDBE application form, which can be downloaded from the website [www.idbe.org](http://www.idbe.org) or obtained from the IDBE office.

### Contact Details

IDBE Office  
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Cambridge  
CB2 1PX

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Masters Programme



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.