



Joint UK-China Course

Overview

- The University of Nottingham is a research-led university with an outstanding worldwide reputation
- The Institute of Building Technology is ranked No. 1 in the UK for 2006 in the Building category of The Times Good University Guide and the School of the Built Environment is rated "Excellent" in teaching quality by HEFCE
- The School has strong links with industry
- Graduates from the School have excellent career prospects
- This MSc is a joint course with teaching split between the University Park Campus (UK) and the Nottingham University Ningbo Campus (China)
- Several bursaries are available

The Course

This one year full-time course has a modular structure during which the candidates must collect a total of 180 credits in order to obtain a Master of Science (MSc) degree. 120 credits of taught modules will be studied at the School of the Built Environment (Nottingham University Park Campus, UK), and a 60 credit dissertation research project will be completed at the Centre for Sustainable Energy Technologies (Nottingham University Ningbo Campus, China). Students will spend 8 months in the UK and 4 months in China.

Postgraduate courses at the School are undertaken by students from many countries in Europe, Asia, Africa, Australasia and Latin America. As well as gaining technical and practical knowledge, students also improve their communication and presentation skills.

MSc graduates of the School have excellent employment opportunities and have previously taken up jobs in the UK and abroad. Others have taken up PhD research projects at the School or elsewhere after completing an MSc course.

Course modules:

Semester 1 (60 credits) at the University of Nottingham, UK

- Advanced Environmental Design (compulsory for all students).
- Renewable Energy Technology 1 (compulsory for all students).
- Ventilation in Architecture and Planning (compulsory for all students).
- Building Design in Different Climates (compulsory for architects).
- Energy Efficient Systems (compulsory for non-architects).

Semester 2 (60 credits) at the University of Nottingham UK

- Renewable Energy Technology 2 (compulsory for all students).
- Solar Architecture for Different Regions (compulsory for architects).
- Renewable Research Project (compulsory for all students).
- Energy Conversion & Utilisation (compulsory for non-architects).
- Modelling & CFD (compulsory for non-architects).

Semester 3 (60 credits)

- Dissertation research project completed at the Centre for Sustainable Energy Technologies (Nottingham University Ningbo Campus, China).

Entry Requirements

A 2:1 honours degree in an engineering-related discipline (e.g. building services/civil/mechanical/physics) or an architecture-related discipline such as architecture design and urban planning. Applicants from other backgrounds holding equivalent qualifications/experience will also be considered.

Language skills: Applicants whose first language is not English must normally achieve an overall score of 6.0 on the British Council IELTS test or equivalent.

Further Information

A current CV, two references and a detailed academic transcript (showing GPA) are required for the application. All documents MUST be in English.

Contact:

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The School of the Built Environment

As well as equipping students with an integrated approach to architecture, planning and building services engineering at an advanced level, the School of the Built Environment also aims to develop vocational skills and environmentally responsible attitudes in a rapidly changing world...

MSc Sustainable Building Technology

可持续建筑技术专业硕士课程

概况

- 诺丁汉大学是以科研为主导的国际著名大学
- 建筑技术系在 2006 年泰晤士报大学质量指南建筑院校中名列第一；建筑环境学院被英国高等教育基金会鉴定为教育质量优秀学院
- 该学院与工业界有紧密的合作联系
- 该学院毕业生拥有极好的就业前景
- 该课程是诺丁汉大学建筑环境学院与宁波可持续能源技术中心合作的硕士项目
- 设有多项奖学金

课程设置

一年全日制硕士研究生课程规定：学生必须修够 180 个学分才可以获得科学类硕士学位。其中包括在诺丁汉大学英国主校区修得 120 个课程学分以及在可持续能源技术中心（中国宁波分校区）修得 60 个硕士论文学分。学生在英国学习生活 8 个月，在中国学习生活 4 个月。

来自欧洲、亚洲、非洲、澳大利亚以及拉丁美洲的世界各国学生一起研究、学习。学生们在学习专业课程和实际应用知识的同时也提高了各自的交流和表达能力。

硕士研究生毕业后有良好的就业机会包括在英国或者国外其他国家工作。也有部分学生在完成硕士学位后在本学院或者其他大学继续博士项目研究学习。

课程构成：

第一学期（60 个学分）英国诺丁汉大学

新型建筑环境设计（所有学生必修课）
可再生能源技术第一部分（所有学生必修课）
通风技术在建筑设计和城市规划中的应用（所有学生必修课）
不同气候条件下的建筑设计（建筑学学生必修课）
高效系统工程（非建筑学学生必修课）

第二学期（60 个学分）英国诺丁汉大学

再生能源技术第二部分（所有学生必修课）
不同地区的太阳能建筑（建筑学学生必修课）
可再生能源研究项目（所有学生必修课）
能量的转换和利用（非建筑学学生必修课）
数值模拟和 CFD（非建筑学学生必修课）

第三学期（60 个学分）

在可持续能源技术中心（诺丁汉大学宁波分校区）完成毕业项目研究论文。

入学要求

工程类及其相关专业（例如：建筑设备、土木工程、机械工程和物理学）或者建筑学及其相关专业（如建筑设计和城市规划）的本科毕业生（平均成绩良及以上）。其它学习背景但有相等的资质证明或者工作经验者也可申请。

语言要求：第一语言非英语的学生要求雅思成绩不得低于 6.0 分或者有与其相当的语言考试成绩。

具体内容

申请者需要递交一份个人简历、两份推荐书以及详细的学位证书复印件。所有文件必须用英文书写。

联系人

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课程负责人

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可持续能源技术系

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建筑环境学院

为适应当今快速发展的世界，学院不仅为学生提供建筑学、城市规划和建筑设备等专业先进的综合教育，而且努力增强学生的专业技能和对环境的责任感。