



Sustainable Civil Engineering

可持续土木工程暑期课程

时间：2018年7月21日至8月4日

费用：1995 英镑

Our summer school in civil engineering provides a taste of our highly respected architectural, environmental and civil engineering degree programmes.

通过我们的土木工程暑期课程，你将有机会体验卡迪夫大学倍受推崇的建筑，环境和土木工程专业的学位课程。

The programme addresses contemporary issues in designing and working with structures and the built and natural environments, in both national and international contexts.

该课程注重当下在国内国际背景下，设计和施工中结构、建筑以及自然环境方面所面临的最新挑战。

Teaching will be delivered on the course through a mixture of keynote lectures, practical activities and site visits. You will have the opportunity to work with world-leading staff from the [School of Engineering](#), as well as figures from industry.

该项目的教学形式多样，包括主题讲座，实践活动和实地考察。你将有机会与来自工程学院的世界一流的教学人员以及业界的精英一同工作学习。

Scheduled free time will allow participants to explore Cardiff and its vibrant culture, providing an experience of life in the UK. The content of the course will help you to develop a sophisticated understanding of the role of engineers in designing, constructing and maintaining the physical environment, including buildings and structures, water supply, flood alleviation, and geotechnical and environmental issues.

精心设计的自由活动时间使参与者可以深度体验卡迪夫及其充满活力的文化以及英国人的生活。课程内容将帮助学生深入了解工程师在设计、建造和维护物理环境中所起的关键作用，包括建筑物的结构，供水，防洪以及岩土和环境问题。

Preliminary schedule (Please note this is subject to change.)

可持续土木工程暑期课程初步安排（可能有更改）

Saturday 21 July 2018 7 月 21 日周六	Arrival in Cardiff(Pickup from Heathrow provided) 抵达卡迪夫（提供希思罗机场接机）
Sunday 22 July 2018 7 月 22 日周日	Social event 社会活动
Monday 23 July 2018 7 月 23 日周一	Welcome lecture and orientation scavenger hunt 致欢迎辞及迎新寻宝活动
Tuesday 24 July 2018 7 月 24 日周二	Lecture: Self-healing concrete 讲座：自愈混凝土 Site tour 现场参观 Practical: Concrete mix design and beam fabrication 实践：混凝土配比设计及制梁
Wednesday 25 July 2018 7 月 25 日周三	Lecture: Design issues with mega-tall structures 讲座：巨型建筑设计问题 Design Challenge: Design, make and test challenge 设计挑战：设计，制作和测试挑战
Thursday 26 July 2018 7 月 26 日周四	Practical: Light structures 实践：灯光结构 Practical: Materials 实践：材料 Soils laboratory 土壤实验室
Friday 27 July 2018 7 月 27 日周五	Industrial site visits 行业现场考察
Saturday 28 July 2018 7 月 28 日周六	Field trips and free time 实地考察和自由时间
Sunday 29 July 2018 7 月 29 日周日	Field trips and free time 实地考察和自由时间
Monday 30 July 2018 7 月 30 日周一	Lecture: Water engineering - future challenges 讲座：水工程-未来的挑战 Practical: Fluid Mechanics 实践：流体力学
Tuesday 31 July 2018 7 月 31 日周二	Lecture: Structural engineering 讲座：结构工程 Structures lab 结构实验室 Practical : Concrete testing and feedback 实践：混凝土测试和反馈
Wednesday 1 August 2018 8 月 1 日周三	Lecture: Environmental engineering 讲座：环境工程 Practical: Environmental laboratory 实践：环境实验室
Thursday 2 August 2018 8 月 2 日周四	Lecture: Building Information Modelling (BIM) and applications 讲座：建筑信息模型和应用 Design challenge testing (including presentation) 设计挑战测试（包括展示）
Friday 3 August 2018 8 月 3 日周五	Final assessment day 毕业评估 Final Gala Ceremony 毕业庆典仪式
Saturday 4 August 2018 8 月 4 日周六	Departure from Cardiff(Drop off to Heathrow provided) or join our extra week travel in the UK 离开卡迪夫（提供希思罗机场送机）或继续参加我们在英国为期一周的旅行（需额外付费）。

Costs 费用:

The fee for the Summer School is £1,995.

为期两周的暑期课程的费用为 1995 英镑。

This includes tuition fees, accommodation, 10 meals per week (breakfast and lunch, Monday to Friday), airport pick up and drop off from Heathrow Airport on fixed dates (pick up is on 21 July, drop off is on 4 August) and excursions organised by Cardiff University (such as Stonehenge and industrial visits).

包括学费，住宿费，周一至周五的早餐和午餐，希思罗机场接送机（7.21 接机，8.4 送机）以及卡迪夫大学组织的短途旅行（比如巨石阵和行业参观）

Contact us 联系我们

If you have any questions or for more information, please email angelacs@foxmail.com or call Angela at +8613263461779 (in Chinese), or visit our WeChat account.

如果您有任何问题或更多信息，[请发送电子邮件至angelacs@foxmail.com](mailto:angelacs@foxmail.com)

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欢迎关注我们的微信公众号-卡迪夫之夏，了解卡迪夫暑期课程的全部内容。

