

# 工業4.0智能機械與智慧製造國際技術人才培育學院計畫 海外實習聯合甄選說明會

110年度 英國倫敦布魯內爾大學

主講人：駱正穎 教務長

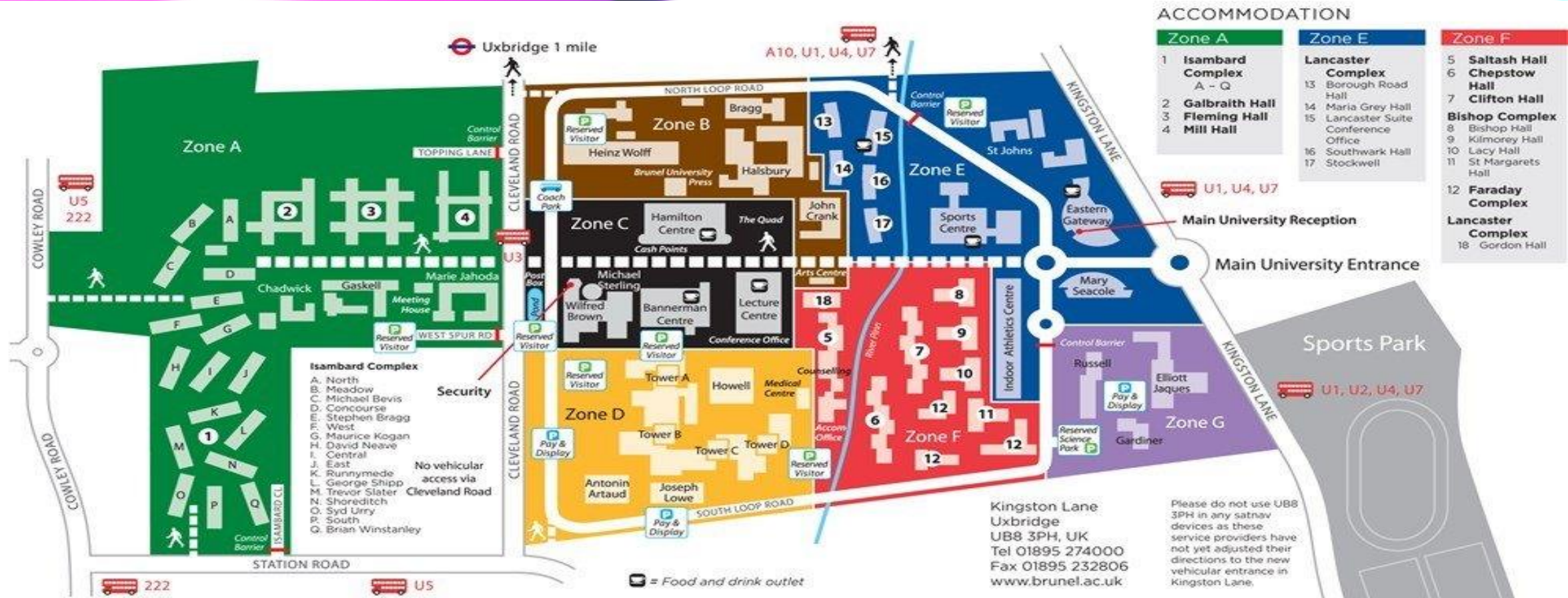
# 英國倫敦布魯內爾大學



# 英國倫敦 布魯內爾大學



- 距離倫敦大約1小時車程
- 倫敦布魯內爾大學是全球最國際化的大學之一
- 國際化排名全球第25（Times Higher Education 2017）
- 布魯內爾大學與業界保持廣泛合作關係，提供許多實習及工作機會，如HSBC, IBM, Dyson, Amazon, British Airway, BP和Range Rover等全球知名企業



# Brunel University London Campus Map

Zone A
Chadwick
Gaskell
Marie Jahoda
Meeting House

Zone B
Arts Centre
Bragg
Print and Design
Halsbury
Heinz Wolff
John Crank

Zone C
Bannerman Centre
Hamilton Centre
Lecture Centre
Michael Sterling
Wilfred Brown

Zone D
Antonin Artaud
Howell
Joseph Lowe
Medical Centre
Tower A
Tower B
Tower C and D

Zone E
Indoor Athletics Centre
Eastern Gateway
Lancaster Suite
Mary Seacole
Sports Centre
St Johns

Zone G
Brunel Science Park
Elliott Jaques
Gardiner
Russell

Zone F
Accommodation Office
Counselling Service
Housing Office
Sports Park
Sports Pavilion

Map last updated 17/11/14  
To download the latest version visit  
[www.brunel.ac.uk/about/campus/directions](http://www.brunel.ac.uk/about/campus/directions)

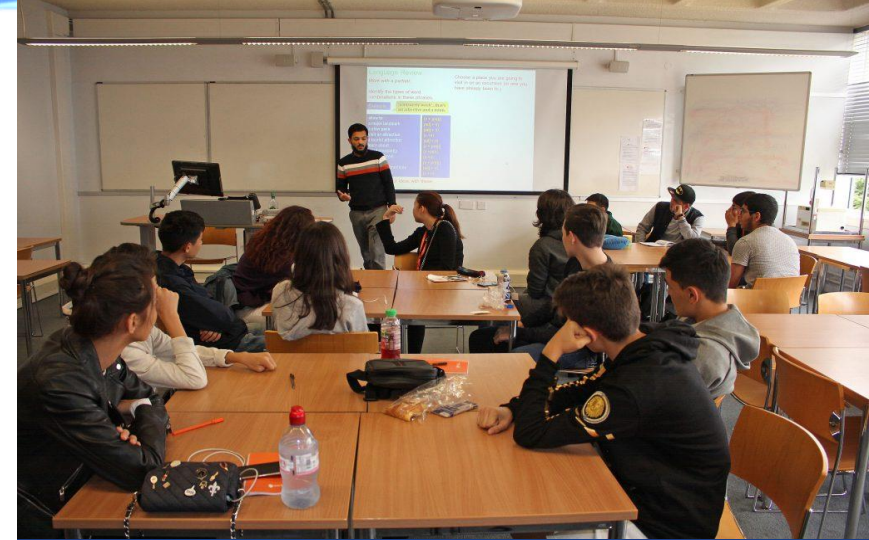
# 英國倫敦布魯內爾大學

- 本實習計劃
- 招收對象：本校(不限科系)四技大三、大四及研究生(限本國國籍生)
- 招收名額：數名



# 英國倫敦布魯內爾大學

- 研習期間：依實際課程安排及出發日期為主
- 研習內容：
  1. 小組學習、各式主題講座、知名大學參訪
  2. 企業實習(SIEMENS、P&G、NAMTEC、ITP等)



# Program: Advanced Engineering Design and Manufacturing

## Weekly Activities

- Placement project in collaboration with the industry
- Lectures in Advanced Engineering Design
- Working in the Labs
- Group study
- English report writing tutorials(2 hours per week)
- Lectures in Advanced Engineering Technology
- Other activities

# Program: Advanced Engineering Design and Manufacturing

## Bi-weekly Activities

- **Research workshops/ seminars**
- **Industrial visits at TWI, Renishaw, Loadpoint, Westwind, GKN, Dyson, McLaren, etc.**
- **Guest lectures: Smart manufacturing, Human-machine interfaces and so on.**
- **Technical writing tutorials(2 hours per week)**
- **Lectures/ Workshops related to a specific industry-  
could be automotive, telecoms, precision engineering, aerospace, tec.**
  - Lean philosophy
  - Product service systems
  - Agile manufacturing
  - New business models
- **Lectures/ Workshops on innovation management related to a specific industry**
  - Team-based project
  - investigating the innovation strategy using segment approach
  - Design innovation
- **Lectures on Advanced Engineering Design and Manufacturing**
- **Other activities**



# Program: Advanced Engineering Design and Manufacturing

## Monthly Activities

- Visits at other universities including Cambridge, Oxford, Imperial College, Warwick, etc.
- Cultural/ Industrial history visits
- **Activities organized by Brunel Students Union**
- **Participation in Made-in-Brunel and Brunel Engineers Activities organized by CEDPS College.**
- **Other activities**

# Program: Advanced Engineering Design and Manufacturing

This program will be delivered mainly by the staffs **at Micro/ Nano Manufacturing Theme** but with the wide participation and strong support from staffs in other relevant Disciplines/ Themes within the College and University.

Program Annual Review Committee

- Professor Stefaan Simons-Vice Provost and the Dean of College-CEDPS
- Professor Diane Mynors-Head of the Department-Mechanical and Aerospace Engineering, CEDPS
- Professor Cheng-Ying Lo-Dean of Academic Affairs, Professor in Aeronautical Engineering, National Formosa University
- Professor Kai Cheng-Theme Leader for Micro/ Nano Manufacturing Theme, CEDPS
- Professor Bin Wang-Vice Dean International, CEDPS
- Professor Atanas Ivanov-Reader, Micro/ Nano Manufacturing Theme, CEDPS



ACADEMIC SUPERVISION

**Dr Bin Wang**

Vice Dean International - CEDPS

**Prof. Diane Mynors**

Professor and Head of MAE department

**Prof. Kai Cheng**

Professor and Theme Leader  
- Micro-Nano Manufacturing



Part of industrial companies willing to take the placement/training students at the program\*



SIEMENS



Rolls-Royce



FARADAY  
MOTION CONTROLS



upm ltd >>>

DELPHI  
Innovation for the Real World



RAINFORD  
PRECISION MACHINES



ZEEKO  
nifty lift



KISTLER

P&G  
Procter & Gamble



# 關於英文語言能力要求

為辦理General student visa (Tier 4)學生簽證

- 語言能力須達到IELTS 5.5或以上(以下簡稱雅思)
- 或者通過由布魯內爾大學語言中心舉辦之英語能力測驗，在學校進行聽力、閱讀、寫作等三項測驗，同時由布魯內爾大學人員透過視訊監考。通過三項測驗者由布魯內爾大學另行安排口試測驗，考試及格者可申請Tier 4 visa。

# 補助內容



1. 課程訓練費用由學校全額支付給英國布魯內爾大學
2. 生活補助(定額補助，含一趟來回經濟艙機票、及實習期間生活費)



# 必繳交文件

1. 申請表
2. 英語能力證明 (多益600分，全民英檢中高級初試、雅思5以上或其相當語言能力證明)
3. 歷年成績單(英文版)
4. 求職信Cover Letter (以自薦方式撰寫)
5. 英文簡歷Resume
6. 推薦信(英文)
7. 其他有利審查文件

所有文件勿裝訂



繳交期限：**即日起至110年 5月31日**  
**星期一 下午4點前**

報名方式：

請備妥上述資料**親送**

承 辦 人：王先生

位 置：高教深耕辦公室(靠窗第二位)

專 線：05-6313327





# 常見問題

1. 學生在海外實習當學期，需要註冊、繳學雜費嗎？

答：需要。雖然學生在校時間有限，但學系教職員仍需負責實習課程規劃、機構評估，並辦理相關評量等事宜，故仍需繳交學雜費。此外學生有繳費才保有學生身份，享有學生之權益。

2. 學生在海外實習當學期，需要加選虎科大的課嗎？

答：依本校「校外實習課程開設要點」第二條第二項學期實習課程及第三項全學年實習課程規定辦理，海外實習之承辦人將依學生身份別統一加選實習課程。此實習課程之學分認定需回歸原系所認定為準。

3. 學生在海外實習期間，可以加選虎科大的課嗎？

答：承上，海外實習期間已加選實習課程，不得加選其他必、選修課程。

4. 申請書上的簽名處，都要簽名嗎？

答：申請人及系主任一定要親簽。申請人身份為大三、大四學生若已完成專題，可免簽。申請人為研究所學生，務必請指導教授簽名。

# 英國倫敦布魯內爾大學

## Q&A



For More Information

相關資訊：學校首頁—教務處—國際人才培育計畫辦公室

<http://nfuaca.nfu.edu.tw/index.php/zh/academic6>