

University of Dundee

Excellence, Focus, Impact



Zhihong Huang



www.dundee.ac.uk

“

Perhaps the
finest location of
any Scottish city. ”

Lonely Planet Scotland



Dundee: A Changing City



The Friendliest City in Scotland



Dundee: Gave the world

- ATM Machine
- Adhesive Stamp
- Marmalade
- Radar
- LCD Displays
- The first telephone service in the world outside London
- The first street lights
- The submarine telephone cable

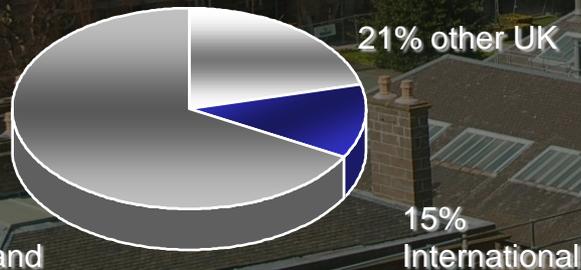
Dundee: Demographics

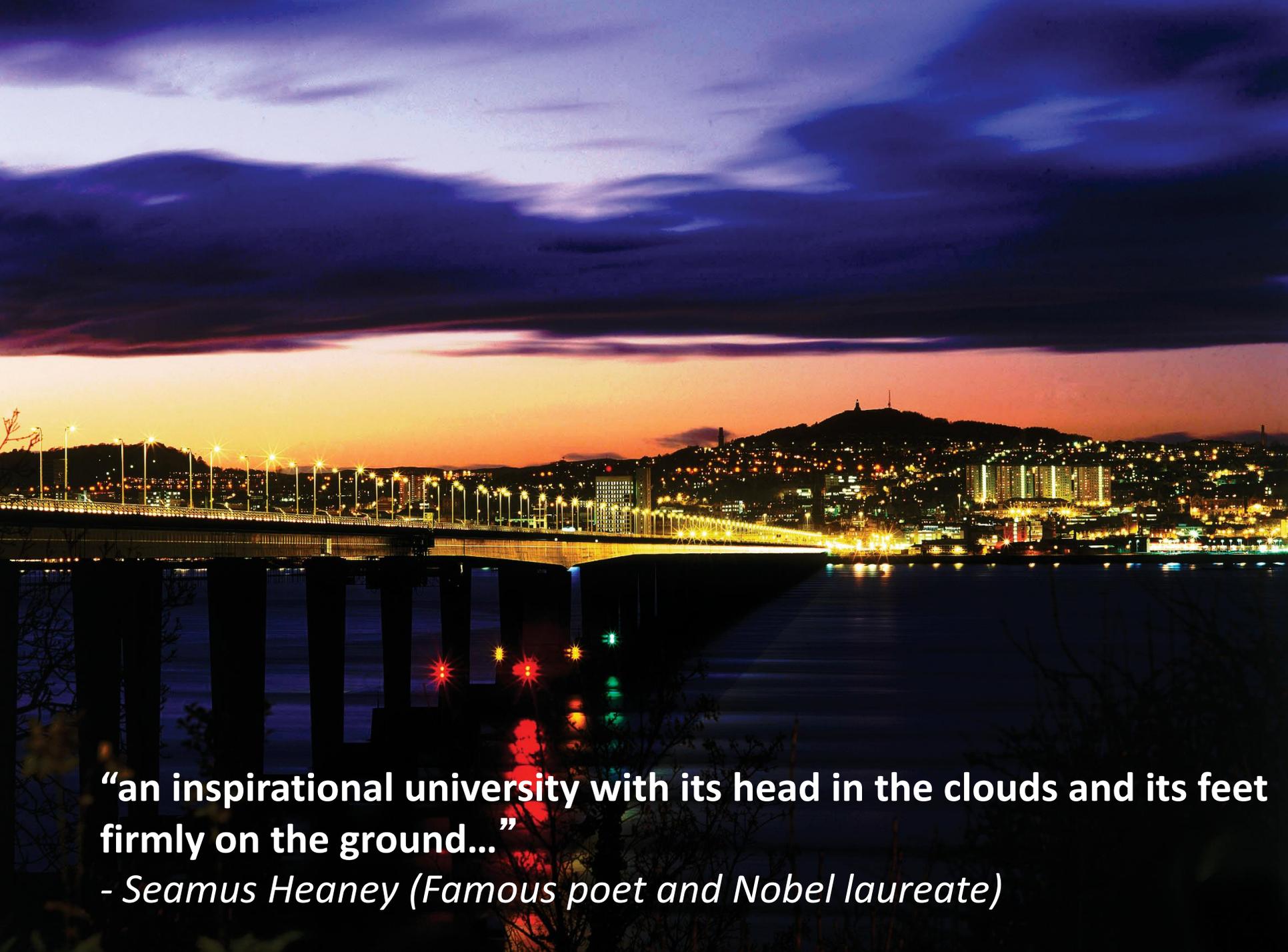
- Population 180,000
- Education city
 - University of Dundee
 - University of Abertay
 - Dundee College
 - Al Maktoum Institute
- Friendly, multi-cultural society
- Mild climate
- Healthy environment
- Best value for money
- Centrally located



University of Dundee

- Traditional University, Modern Degrees
- International reputation
- Excellence in teaching and research
- 18,000 students from more than 100 countries
- 3,300 core staff from 84 different countries

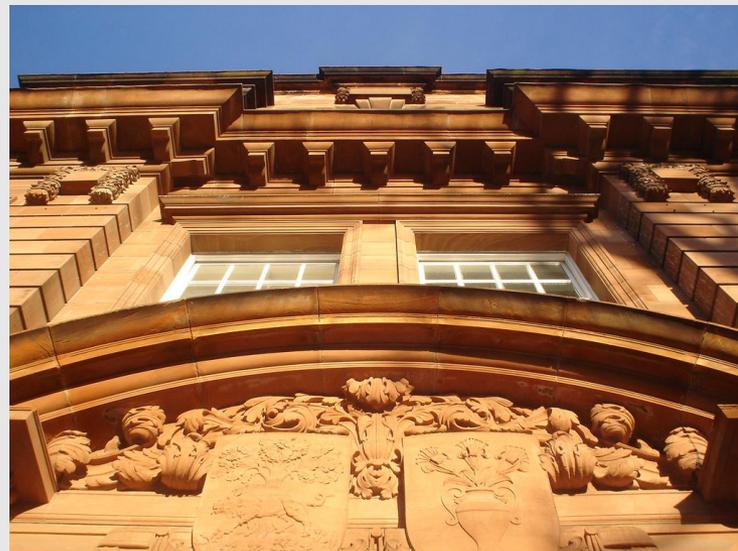




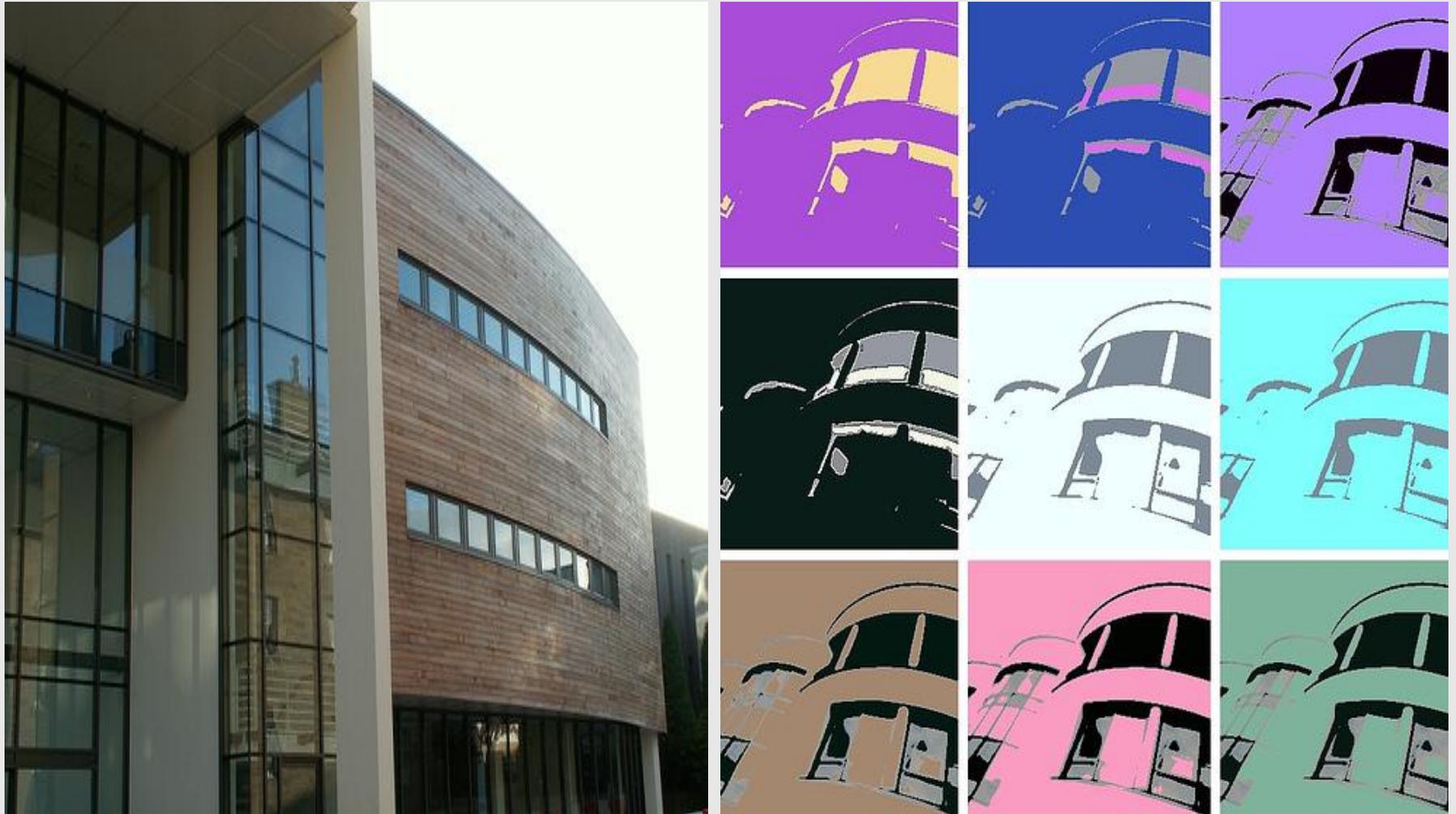
“an inspirational university with its head in the clouds and its feet firmly on the ground...”

- Seamus Heaney (Famous poet and Nobel laureate)

Traditional ...



... yet innovative



DUNDEE

www.dundee.ac.uk

Our Reputation

- **Ranked among the world's top 100 institutions – and 11th in the UK**
(CWTS Leiden Ranking 2013)
- **1st in the world in Pharmacology research**
(Thomson Reuters 2010)
- **One of the world's top 200 universities in the World**
(*Times Higher Education and QS World Rankings 2013*)
- **55th in the World for Life Sciences & Medicine**
(*QS World Ranking, 2012*)
- **Ranked 1st in the UK for the impact of our scientific research**
(*The Guardian and Thomson Scientific Index*)
- **UK's Top 20 for 'Most in Graduate Level Jobs'**.
(*Sunday Times University Guide 2013*)
- **Consistently voted among the world's top scientific workplaces**
(The Scientist Magazine)



Student Experience

Dundee's reputation draws students from 85 countries worldwide, making it a truly international experience.

- **No. 1 in the UK in the International Student Barometer Summer 2012**
- **Ranked 1st in the UK for overall student experience**
(Times Higher Education Student Experience Survey 2012)
- **Cost of living is 14% lower than the UK average, and 2nd best in the whole of the UK.** *(RBS Student Living Index)*
- **5th in Scotland and 30th in the UK.** *(Sunday Times University Guide 2013)*

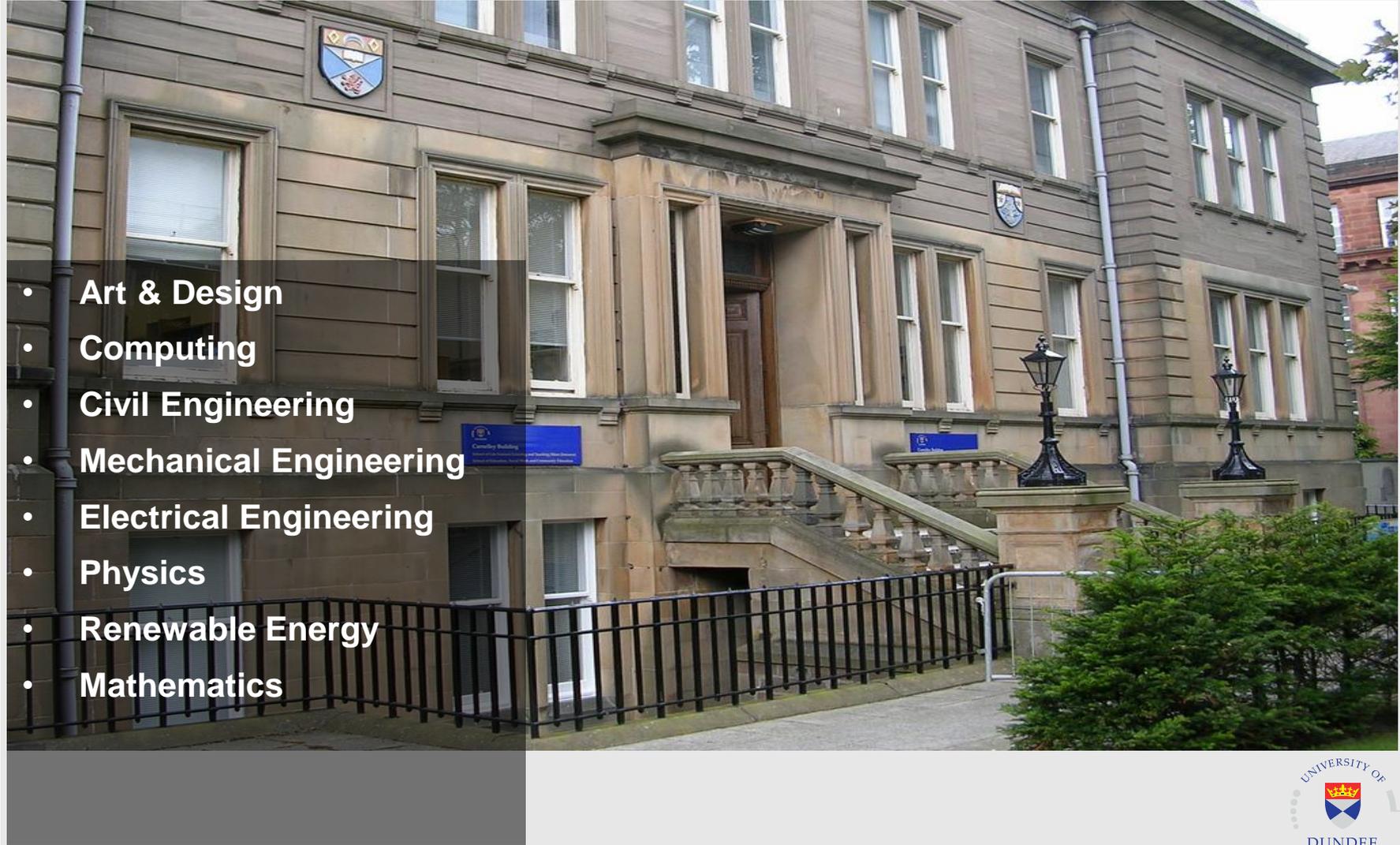


Colleges

- **Life Sciences**
- **Medicine, Dentistry and Nursing**
- **Art, Science & Engineering**
 - DJCAD: Art and Design
 - Engineering, Physics and Mathematics
 - Computing
- **Arts and Social Sciences**
 - Business
 - Law
 - Education, Social Work, CLD
 - Psychology
 - Natural Resources (CEPMLP)
 - Humanities
 - Environment & Architecture



Courses in CASE



- Art & Design
- Computing
- Civil Engineering
- Mechanical Engineering
- Electrical Engineering
- Physics
- Renewable Energy
- Mathematics



“

Dundee is what higher education should be about: high-quality teaching delivered by academics at the cutting edge of their subjects in modern attractive surroundings...

The Sunday Times University Guide

”

Undergraduate 3+1+1 Entry

Direct entry to Year 4

**in school of engineering, physics and mathematics,
and school of computing, and product design**

Honour Year subjects

- Civil Engineering
- Mechanical Engineering
- automation
- Biomedical Engineering
- Medical imaging
- Biomedical science
- Optics and Informatics
- Applied Physics
- Maths and Computing
- ...

MSc programmes

- 5 MSc in CE
- Biomedical Engineering
- Medical Imaging
- Maths Biology
- ECDM
- MScs in computing
- ...

Challenges for Chinese students

on top of the usual issues associated with teaching and learning, Chinese students will face additional challenges:

- Unfamiliar teaching and learning approaches**
- Unfamiliar university environments in the UK**
- cultural and social background differences**
- economic and language problems**

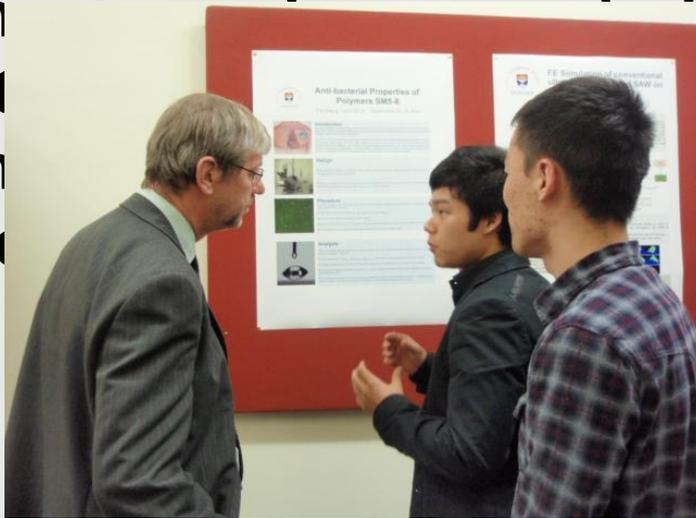
Innovative approach

- **it involves both the facilities we offer and the teaching methods**
- **flexibility in assessment; course design; personal tutoring and project supervision.**
- **focus on students**
 - lessened the negative impact and
 - increased the positive impact of having international students in majority classes.

测控	Biomedical Engineering	EG40003 Image Systems 15 credits	EG32001 Control and Dynamical Systems 15 credits	ME30001 Engineering Design (part) 15 credits	ME40005 Mechanical Engineering Honours Project 45 credits	
07生医	Biomedical Engineering	EG40003 Image Systems 15 credits	PH41002 Optoelectronics 15 credits	ME30001 Engineering Design (part) 15 credits	ME40005 Mechanical Engineering Honours Project 45 credits	
06影像工程	Medical Imaging	EG21002 Engineering Design and Communication 20 credits	ME21001 Software Apps for Mech Eng Design 20 credits	EG22002 Electrical and Mechanical Systems 20 credits	ME40005 Mechanical Engineering Honours Project 45 credits	
计算机科学技术	Design Ethnography	AC42002 Research Frontiers 15 credits	AC41002 Computer Vision 15 credits	AC41006 Secure Ecommerce 15 credits	AC40001 Honours Project 45 credits	
土木工程	Civil Engineering	CE40016 Structural Systems 15 credits	CE40005 Structural Design 15 credits	CE40003 Water Resources and Treatment 15 credits	CE40002 Advanced Soil and Rock Mechanics 15 credits	CE40001 BEng Individual Research Project 30 credits
数学	Maths Biology	MA41002 Mathematical Biology I 15 credits	MA41003 Ordinary Differential Equations and their Approximation 15 credits	MA42003 Partial Differential Equations and their Approximation 15 credits	MA42002 Mathematical Biology II 15 credits	MA40001 PTS and Project Work 30 credits
物理	Biomedical Engineering	EG40003 Image Systems 15 credits	ME40001 Computer Aided Design and Mechatronics (part) 7.5 credits	ME40003 Robotics and Mechatronics (part) 7.5 credits	RE42003 Remote Sensing 15 credits	ME40005 Mechanical Engineering Honours Project 45 credits
机械工程	Renewable Energy	EG40004 Control and Dynamical Systems II 15 credits	ME40001 Computer Aided Engineering 15 credits	ME40003 Robotics and Mechatronics 15 credits	ME40005 Mechanical Engineering Honours Project 45 credits	
生物	Design for Medical Technologies	RE21001 Energy Physics	ME21001 Engineering Software for Mechanical Engineering Design 20 credits	EG22002 Electrical and Mechanical Systems 20 credits	ME40005 Mechanical Engineering Honours Project 45 credits	
工业设计	Design for Medical Technologies	IP40001 Personal Programme of Study 90 credits	ME40001 Computer Aided Design and Mechatronics (part) 7.5 credits	ME40003 Robotics and Mechatronics (part) 7.5 credits		
信息	BME	EG40003 Image Systems 15 credits	ME40001 Computer Aided Engineering 15 credits	ME40003 Robotics and Mechatronics 15 credits	ME40005 Mechanical Engineering Honours Project 45 credits	
动071	BME	EG40004 Control and Dynamical Systems II 15 credits	ME40001 Computer Aided Design and Mechatronics (part A and B) 7.5 credits	ME40003 Robotics and Mechatronics (part) 7.5 credits	ME40005 Mechanical Engineering Honours Project 45 credits	
过程074	BME	EG40004 Control and Dynamical Systems II 15 credits	ME30001 Engineering Design (part) 15 credits	ME40001 Computer Aided Design and Mechatronics 15 credits	ME40002 Fluid Mechanics 15 credits	ME40005 Mechanical Engineering Honours Project 45 credits
机设071	BME	EG40004 Control and Dynamical Systems II 15 credits	ME30001 Engineering Design (part) 15 credits	ME40001 Computer Aided Design and Mechatronics (part A) 7.5 credits	ME40003 Robotics and Mechatronics (part) 7.5 credits	ME40005 Mechanical Engineering Honours Project 45 credits
		AC42002 Research Frontiers 15 credits	AC41002 Computer Vision 15 credits	AC41006 Secure Ecommerce 15 credits	AC40001 Honours Project 45 credits	
软件工程	computing					

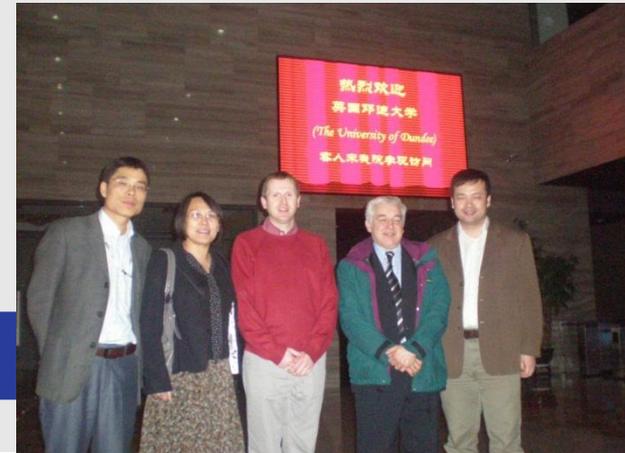
application led projects

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Focusing on employability

- **Enhance employability through**
 - provision of peer monitoring scheme,
 - adding value to students' research exposure
 - teamwork experience.
- **Provide summer intership**



collaborative learning

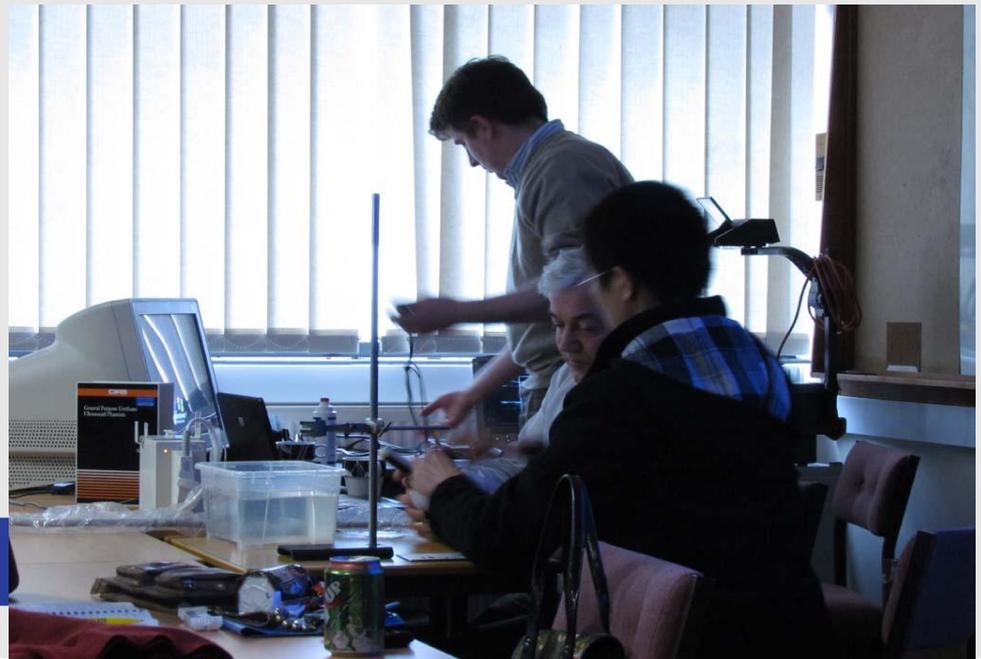
Improve the experience and outcomes of mix-disciplined student cohorts in biomedical engineering, instrumentation etc.

College of Life Sciences

School of Medicine

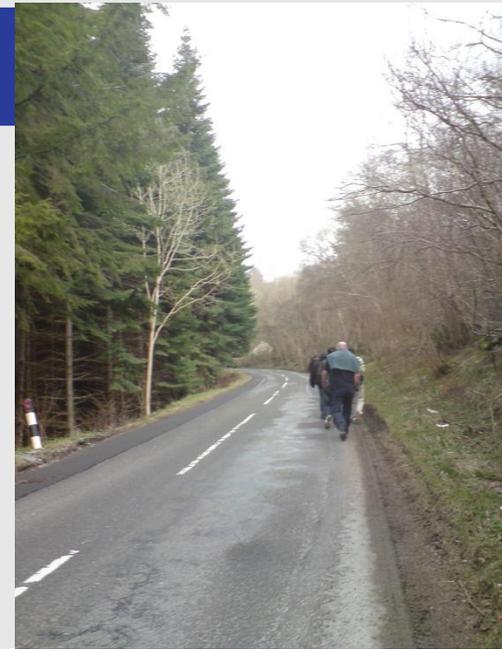
IMSaT

Ninewells Hospital



address student expectation and need

- culture issues
- language/study skills issues
- UK degree education system
- social interaction
- buddy scheme



Residences

- Guaranteed entrant year accommodation
 - Apply before 15st July
- £millions of upgrades
- Range of choice
- IT provision
- On and off campus
- Contract for the full academic year



Our accommodation facilities were voted 2nd Best (Joint) in the Times Higher Education Student Survey 2012



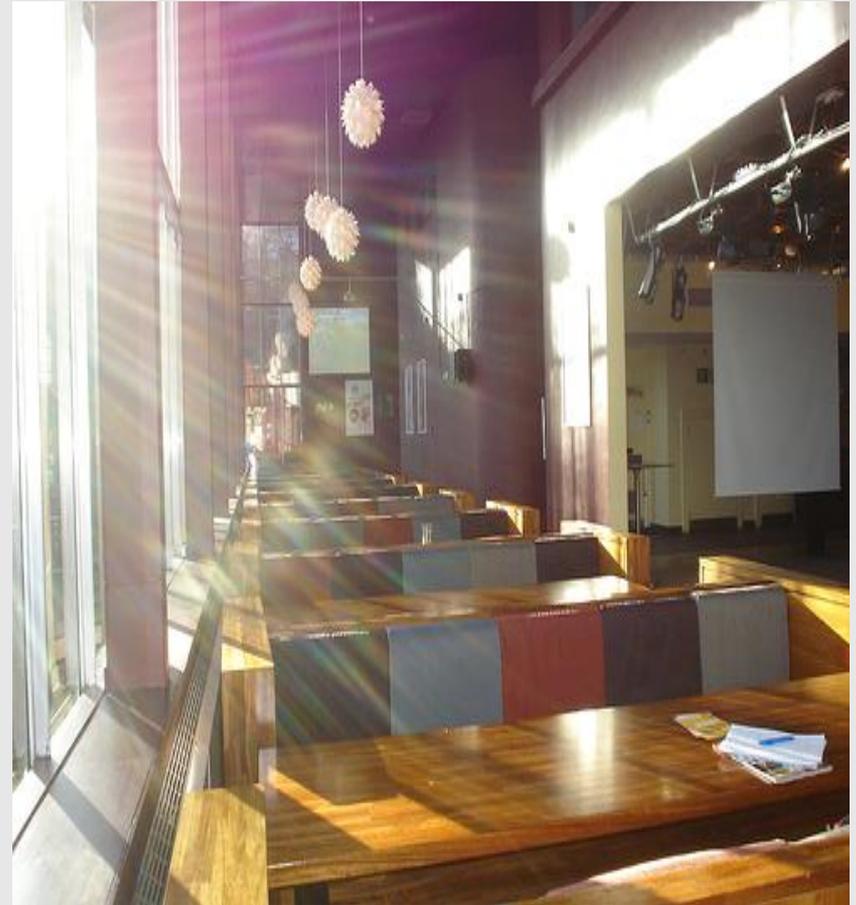
Earning While You Study

- **Legal working hours**
 - 20hrs p/w term-time
 - Full time in vacation
- **Typical jobs:**
 - On-campus
 - Catering, IT, Library
 - Off-campus
 - Catering, supermarkets, call centres
- **Typical wage:**
 - £5.45 p/h
- **Placement Basement**
- **DUTE**



Dundee University Student Association

- Run by the students for the students
- Best in Scotland, 4th best in the UK.
- The base for student societies and sports clubs
- Student help services
- Student advisor for international students
- DUSA TV and Discover Radio.
- Free internet access
- Free night bus
- Café, bars & nightclubs



Student Societies

Over 70 different societies to choose from:

- The International Students Society
- Islamic Society
- Lip Theatre Company (Drama Group)
- Comedy Society
- Development & Research Expeditions (DARE)
- Many degree-specific societies



Sports Facilities

- State-of-the-art gym
 - 2 new dance/exercise studios
 - 3 new glass-backed squash courts
 - Strength performance centre
 - Specialised combat studio for boxing and martial arts
 - 4 all-weather tennis courts
 - 2 indoor sports halls
 - Swimming pool
 - Playing fields with 3 full outdoor pitches
 - All-weather floodlit hockey pitch
 - A Water Activities Centre
-
- Sports Union & Clubs



Careers and Employability

- Enterprise Gym
- Dundee Graduate Skills Award
- Career Services/Placement Base 2nd Best in the UK (RateMyPlacement Awards, 2012)
- Volunteering Opportunities



The highest average graduate starting salaries in Scotland and 6th highest in the UK.

The Sunday Times University Guide



Summary

- A world class university
- Friendly and supportive
- An outstanding environment
- High quality of life
- Great value for money



申请条件

学术条件:

1. 中国在校学生，专业包括：机械、生物医学工程、电气工程、电子信息工程、物理、数学、工业设计
2. 本科前**2.5**年成绩平均分**75**分以上
3. 本课程硕士阶段学习需按照邓迪大学标准通过本科阶段各课程考核

英语要求:

雅思总分**6.0**单项**5.5**分以上或其他英语考试同等成绩（托福、剑桥英语认证）

Fees:

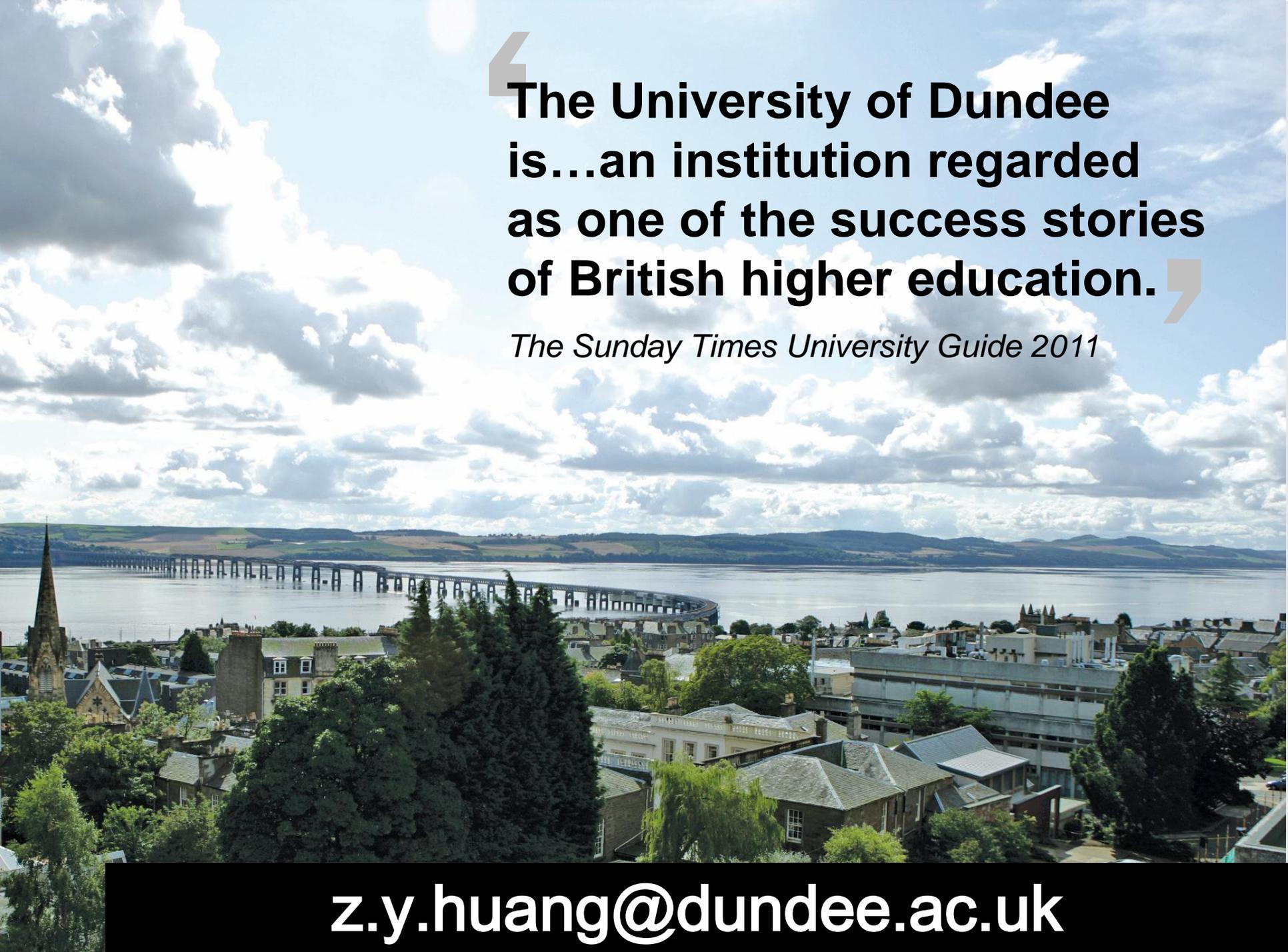
1st year: £9000; (40% scholarship provided to all students)

2nd year: international PGT fee applies, with progression scholarship of £3000; and additional merit scholarship of £1000 to £6000.



申请材料

1. 邓迪大学本科学申请表（now to March 2014 提交）
2. 邓迪大学硕士入学申请表（第二年4月提交）
3. 中英文大学成绩单 (first 2.5 years)
4. 英语成绩证明
5. Reference letter
6. Passport information



**The University of Dundee
is...an institution regarded
as one of the success stories
of British higher education.**

The Sunday Times University Guide 2011

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