

# ENGINEERING IN ASIA -

# A UNIQUE LEARNING

# EXPERIENCE



# NATIONAL UNIVERSITY OF SINGAPORE (NUS) - ENGINEERING WITH AN ASIAN PERSPECTIVE



Thinking of spending some time abroad? Why not consider the National University of Singapore (NUS)? Located in the sunny island of Singapore, it's an excellent gateway to discover and learn more about Asia. Singapore is a melting pot of cultures and has a unique blend of East and West. You'll get fantastic insights into Asian culture and practices, uniquely mixed with Western influences because of its British colonial heritage. This makes it the most user-friendly English-speaking introduction to Asia. Read on...

## WHY TRAVEL HALF THE WORLD TO NUS?

- Learn engineering with an Asian perspective within an Asian environment
- Well-recognised – NUS Engineering is consistently ranked among the top 20 in the world
- 4-year undergraduate programmes accredited internationally via the Washington Accord
- Comprehensive range of engineering programmes:
  - o Biomedical Engineering
  - o Chemical Engineering
  - o Civil Engineering
  - o Computer Engineering
  - o Electrical Engineering
  - o Engineering Science
  - o Environmental Engineering
  - o Industrial and Systems Engineering
  - o Materials Science and Engineering
  - o Mechanical Engineering
- Experience a flexible and broad-based programme with 16 Faculties/Schools offering a wide-range of cross-faculty modules
- Be immersed in a highly multi-cultural environment; over 37,000 students from 100 countries
- Be strategically placed to discover and learn about Asia
  - o Get insights into China/India/Southeast Asia from one single location
  - o Prepare yourself for possible future opportunities in Asia



## HOW NUS IS RATED

### 2015 QS WORLD UNIVERSITY RANKINGS

#### **Civil Engineering # 3**

UK universities within top 10: Imperial College (#4), Cambridge (#5)

#### **Chemical Engineering # 5**

UK universities within top 10: Cambridge (#4), Imperial College (#6), Oxford (#8)

#### **Electrical Engineering # 6**

UK universities within top 10: Cambridge (#7), Imperial College (#9), Oxford (#10)

#### **Materials Science # 6**

UK universities within top 10: Cambridge (#4), Imperial College (#6), Oxford (#9)

#### **Mechanical Engineering # 8**

UK universities within top 10: Cambridge (#3), Imperial College (#6), Oxford (#9)

### 2014-15 THES Top Engineering & Technology Universities : NUS # 13

Cambridge (#5), Imperial College (#6), Oxford (#7)



## ABOUT NUS

- Established in 1905
- Singapore's most established university
- A comprehensive university with 16 Faculties and Schools, spread over three campuses
- Offers a global approach to education and research with a focus on Asian perspectives and expertise
- Renowned for its research strengths in engineering, life sciences and biomedicine, social sciences and natural sciences

Freshmen Orientation Camp at Sentosa Island



credit: Natstudios

## WORK HARD AND PLAY HARD TOO!

- Get involved - more than 100 student societies, interest groups and clubs to match your interests
- Enjoy year-round outdoor sports activities with Singapore's perpetual summer weather!
- Indulge in a Singaporean obsession – hunting down good eats! There is an incredible range of affordable cuisines for you to discover
- Satisfy your wanderlust and explore Asia with countries like Malaysia, Indonesia, Thailand, Vietnam and Cambodia right next door

## MONEY MATTERS

- Tuition fees at NUS are waived, but the Student Services fee (~£35) and the Health Service fee (~£58) need to be paid
- You will also need to apply for a student pass and entry visa (entry visa is not required for holders of UK passports). Total costs = approx £41 – £55



Here's an estimate of the monthly expenditure for a single student:

Item	Estimated Costs (per month)
Accommodation at an on-campus dormitory <i>(Actual cost depends on type of residence and room)</i>	S\$280 - S\$720
Food (3 meals a day)	S\$400 - S\$800
Public Transport	S\$100 - S\$150
Books & Stationery	S\$200 - S\$300
Miscellaneous	S\$200 - S\$350
<b>Total</b>	<b>S\$1,180 - S\$2,320 (£540 - £1,070)</b>

The actual amounts will depend on your personal needs and lifestyle. Please note that the figures only include expenses for your daily essentials and does not account for other items such as shopping, entertainment, computers, electronic/communication devices, recreational travel, etc.



credit: Ian Gan

NUS University Town



NUS Inter-varsity Dragon Boat Race



FSAE car designed & built by NUS Engineering students



## MORE ABOUT SINGAPORE

- A sunny island state located in the heart of Southeast Asia, between Malaysia and Indonesia
- Land area of 716 sq km (about 45% the size of Greater London)
- Total population: 5.47 million (London: 8.3 million)
- A multi-ethnic, multi-cultural society with a large international community (about 1.6 million)
- English is an official language of communication and is widely spoken
- Reputed for being clean and safe with a very low crime rate
- High standard of living:
  - o Highest-ranking Asian city for quality of living in the 2015 Quality of Living Worldwide City Rankings survey by Mercer, an international consulting firm
  - o Ranked among the top 10 most desirable cities to work in as surveyed by the Boston Consulting Group in 2014
  - o Voted best place in the world to live and work by expats surveyed by HSBC Expat Explorer 2015

Grace Beckham, Cambridge University  
(Girton College),  
NUS 2014/15



"If you're thinking about coming on exchange to NUS... Go for it! What a unique opportunity to come to South East Asia to experience university from a different perspective. Definitely apply, I don't think you'll regret it."

My favourite thing about Singapore is food. I do not think I would ever be able to try so many cuisines in one place. It is very affordable and even though I love to cook, it is so much cheaper to eat out and enjoy what Singapore's food scene has to offer."



Mateusz Król,  
Cambridge University  
(Queens' College),  
NUS 2015/16

"I thought initially that I would maybe have a problem with a language barrier, but it's been absolutely fine as pretty much everyone speaks good English. Also unlike other Asian countries, you don't feel like such an outsider, and so it's pretty easy to settle in."

Sarab Sethi,  
Oxford University  
(Mansfield College),  
NUS 2015/16



Marion Hauducoeur,  
Imperial College London,  
NUS 2015/16



Felix Roth,  
University College London,  
NUS 2014/15

"NUS offers some very similar courses but a lot more choice in general. It integrates very well with my curriculum in the UK and gives the opportunity to explore some less related but interesting topics."

"Being able to choose courses freely has given me the opportunity to explore a lot of interesting subjects beyond the usual bounds of my degree in the UK. I've especially enjoyed taking part in an experiential learning module which connects engineering to real life market applications."



Thilo Braun,  
Imperial College London,  
NUS 2015/16

References:

NUS Engineering: [www.eng.nus.edu.sg](http://www.eng.nus.edu.sg)

NUS: [www.nus.edu.sg](http://www.nus.edu.sg)

Information on exchange to NUS:  
[www.nus.edu.sg/iro/sep/in/index.html](http://www.nus.edu.sg/iro/sep/in/index.html)

About Singapore: [www.sg](http://www.sg)

Singapore immigration and visa matters: [www.ica.gov.sg/](http://www.ica.gov.sg/)

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