

## 附件 1 新方提供的介绍材料

### **Singapore Universities' Research Scholarships**

**The scholarships are** awarded by National University of Singapore (NUS), Nanyang Technological University (NTU) and Singapore University of Technology and Design (SUTD), to outstanding graduates for research leading to a PhD degree at one of the Universities.

#### **Award Details**

Please refer to the following webpages for detailed information:

NUS: <http://www.nus.edu.sg/admissions/graduate-studies/scholarships-nrs2.php>

NTU:

<http://admissions.ntu.edu.sg/graduate/scholarships/Pages/ResearchScholarship.aspx>  
[X](#)

SUTD: [http://www.sutd.edu.sg/phd\\_scholarships.aspx](http://www.sutd.edu.sg/phd_scholarships.aspx)

#### **Award Period**

The Scholarship is tenable for an initial 1 year and, subject to the Research Scholar's satisfactory progress, renewable annually up to a maximum of 3-4 years for Ph.D. candidates, as determined by the University.

#### **Applicable Courses**

**For more information on the course and specific application requirements of each department, please click on the URLs of the relevant school/department.**

#### **National University of Singapore (NUS)**

##### ***School of Computing***

URL: <http://www.comp.nus.edu.sg/programmes/pg/phdcs/application/>

Doctor of Philosophy in Departments of Computer Science

URL: <http://www.comp.nus.edu.sg/programmes/pg/phdis/>

Doctor of Philosophy in Departments of Information Systems

### ***Faculty of Engineering***

URL: <https://www.eng.nus.edu.sg/graduate-studies/research-programmes/phd/>

Doctor of Philosophy in Departments of:

Biomedical Engineering  
Chemical & Biomolecular Engineering  
Civil & Environment Engineering  
Electrical & Computer Engineering  
Engineering & Technology Management  
Industrial & Systems Engineering  
Materials Science & Engineering  
Mechanical Engineering

### ***Faculty of Science***

Doctor of Philosophy in Departments of:

Biological Sciences

(URL: <http://www.dbs.nus.edu.sg/education/prospective-graduate-students.html> )

Chemistry

(URL: <http://www.chemistry.nus.edu.sg/education/prospectiveStudents/ProspectiveGraduates.htm>)

Mathematics

(URL: <http://www.chemistry.nus.edu.sg/education/prospectiveStudents/ProspectiveGraduates.htm>)

Pharmacy

(URL: <http://pharmacy.nus.edu.sg/phd-msc/> )

Physics

(URL: [http://www.physics.nus.edu.sg/student/pros\\_grad\\_Ph\\_d\\_research.html](http://www.physics.nus.edu.sg/student/pros_grad_Ph_d_research.html) )

Statistics & Applied Probability

(URL: <https://www.stat.nus.edu.sg/index.php/prospective-students/graduate-programme/phd-programme> )

**Nanyang Technological University (NTU)**

### ***Interdisciplinary Graduate School***

(URL: <http://igs.ntu.edu.sg/Pages/Home.aspx>)

Doctor of Philosophy for Research in:

Sustainable Earth

(URL:

[http://igs.ntu.edu.sg/Research/Pages/DOCTOR-OF-PHILOSOPHY-\(FOR-RESEARCH-IN-SUSTAINABLE-EARTH\).aspx](http://igs.ntu.edu.sg/Research/Pages/DOCTOR-OF-PHILOSOPHY-(FOR-RESEARCH-IN-SUSTAINABLE-EARTH).aspx))

Secure Community

(URL:

[http://igs.ntu.edu.sg/Research/Pages/DOCTOR-OF-PHILOSOPHY-\(FOR-RESEARCH-IN-SECURE%20COMMUNITY\).aspx](http://igs.ntu.edu.sg/Research/Pages/DOCTOR-OF-PHILOSOPHY-(FOR-RESEARCH-IN-SECURE%20COMMUNITY).aspx))

Healthy Society

(URL:

[http://igs.ntu.edu.sg/Research/Pages/DOCTOR-OF-PHILOSOPHY-\(FOR-RESEARCH-IN-SECURE%20COMMUNITY\).aspx](http://igs.ntu.edu.sg/Research/Pages/DOCTOR-OF-PHILOSOPHY-(FOR-RESEARCH-IN-SECURE%20COMMUNITY).aspx) )

Global Asia

(URL:

[http://igs.ntu.edu.sg/Research/Pages/Doctor-of-Philosophy-\(For-Research-in-Global-Asia\).aspx](http://igs.ntu.edu.sg/Research/Pages/Doctor-of-Philosophy-(For-Research-in-Global-Asia).aspx) )

### **School of Chemical and Biomedical Engineering**

(URL:

<http://www.scbe.ntu.edu.sg/Programmes/ProspectiveStudents/Pages/Postgraduate.aspx> )

### **School of Civil and Environmental Engineering**

(URL: <http://www.cee.ntu.edu.sg/Programmes/graduate/research/Pages/Overview.aspx> )

### **School of Computer Science and Engineering**

(URL:

<http://scse.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate/Pages/Graduate.aspx> )

### **School of Electrical and Electronic Engineering**

(URL:

<http://www.eee.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate/MEngPhD/Pages/MEngPhD.aspx> )

### **School of Materials Science and Engineering**

(URL:

<http://www.mse.ntu.edu.sg/Programmes/Postgraduates/ProspectiveStudents/Pages/Home.aspx> )

### **School of Mechanical and Aerospace Engineering**

(URL:

[http://www.mae.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate\(Research\)/Pages/default.aspx](http://www.mae.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate(Research)/Pages/default.aspx) )

### **School of Physical and Mathematical Sciences**

(URL:

<http://spms.ntu.edu.sg/Programmes/prospectivestudents/graduate/Pages/Introduction.aspx> )

### **School of Biological Sciences**

(URL: <http://www.sbs.ntu.edu.sg/prospective/graduate/Pages/Home.aspx> )

### **Asian School of Environment**

(URL: <http://www.ase.ntu.edu.sg/programmes/phd/doctor-philosophy-phd> )

## **Singapore University of Technology and Design (SUTD)**

### **Architecture and Sustainable Design (ASD)**

(URL: <https://asd.sutd.edu.sg/phd-programme/> )

Research in ASD:

- Architecture and Sustainable Design
- Innovative City Design
- Design Computation
- Advanced Building Technology
- History, Theory and Criticism

### **Engineering Product Development (EPD)**

(URL: <http://epd.sutd.edu.sg/programme/graduate/epd-phd-programme/> )

Research in EPD:

- Design Science
- Quantum Physics, optics, photonics
- Biomedical Engineering & Infocomm Applications
- Electronics Engineering
- Materials Science

- Human/Machine Interfaces, Robotics, Automation & Control

### **Engineering Systems and Design (ESD)**

(URL: <https://esd.sutd.edu.sg/academics/phd-programme/> )

Research in ESD:

- Operations research including optimisation, stochastic modelling, statistics, game theory and control science
- Operations management applied to manufacturing, services and the public sector
- Areas at the interface with economics, public policy, organisational behaviour, finance, and marketing
- Large scale complex systems

### **Information Systems Technology and Design (ISTD)**

(URL: <https://istd.sutd.edu.sg/phd/phd-overview/> )

Research in ISTD:

- Cyber security
- Software engineering
- Networking, Wireless and sensor networks
- Databases, Information retrieval, machine learning, artificial intelligence, natural language processing
- Graphics and visualisation, computer vision
- Human computer interface
- Multimedia, audio analysis, Signal Processing

### **Application Procedure**

Please refer to the relevant university and department's website for specific application requirements. To expedite your application process, please have the following details and PDF scans of your original documents ready (maximum 5 MB per file) as you would be required to upload your supporting documents as part of your online application. Please note that incomplete applications may not be processed or may result in delays in processing.

- Undergraduate and/or Master's transcripts & degree certificates (with official English translation)
- TOEFL or IELTS score report
- GRE score report
- Portfolios, awards, publications, web links to personal portfolio etc. (if applicable)
- 2 or 3 referees who can comment on your scholastic capabilities and achievements
- A copy of your Identity Card or relevant pages in your Passport.

- A research proposal

**NUS** Graduate Application Portal:

<https://inetapps.nus.edu.sg/GDA2/Home.aspx>

**NTU** Graduate Application Portal:

<https://venus.wis.ntu.edu.sg/GOAL/OnlineApplicationModule/frmOnlineApplication.ASPX>

**SUTD** PhD Programme Application Portal:

<https://admissions.sutd.edu.sg/psp/CSADM1PRD/APPLICANT/HRMS/?cmd=login>

If you wish to apply to more than one university, please submit separate applications to each university through the respective application portals.

### **Application Deadlines**

**National University of Singapore:**

**Faculty of Engineering: 1 Nov 2017**

**Faculty of Science: 15 Nov 2017**

**School of Computing: 15 Dec 2017**

**Nanyang Technological University: 31 Jan 2018**

**Singapore University of Technology and Design: 28 Feb 2018**

### **Notification of Award**

Shortlisted candidates will be informed by the end of May 2018.

### **Terms and Conditions**

Successful applicants are required to sign a letter of undertaking agreeing to observe the terms and conditions for the award of the Scholarship. There is no service bond attached to this scholarship.