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
SUTD: 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: https://www.comp.nus.edu.sg/programmes/pg/phdcs/
Doctor of Philosophy in Departments of Computer Science

URL: https://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

https://www.chemistry.nus.edu.sg/education/graduates/CurrentStudents/information.htm)

Mathematics
(URL: http://ww1.math.nus.edu.sg/graduates.aspx?file=GP-Research)

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

Physics
(URL: https://www.physics.nus.edu.sg/student/pros_grad_Phd_research.html)

Statistics & Applied Probability
(URL:https://www.stat.nus.edu.sg/index.php/prospective-students/graduate-programme/phd-programme)

Nanyang Technological University (NTU)

College of Engineering

School of Chemical and Biomedical Engineering
http://www.scbe.ntu.edu.sg/Programmes/ProspectiveStudents/Pages/Postgraduate.aspx

School of Civil and Environmental Engineering
http://www.cee.ntu.edu.sg/Programmes/graduate/research/Pages/Overview.aspx

School of Computer Science and Engineering
http://scse.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate/Pages/Graduate.aspx

School of Electrical and Electronic Engineering
http://www.eee.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate/MEngPhD/Pages/MEngPhD.aspx

School of Materials Science and Engineering
http://www.mse.ntu.edu.sg/Programmes/Postgraduates/Pages/Home.aspx

School of Mechanical and Aerospace Engineering
http://www.mae.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate(Research)/Pages/default.aspx

College of Science

Asian School of Environment
http://www.ase.ntu.edu.sg/research

School of Biological Sciences

http://www.sbs.ntu.edu.sg/prospective/graduate/Pages/Home.aspx

School of Physical and Mathematical Sciences
http://spms.ntu.edu.sg/Programmes/Grad-Students/Pages/Graduate-Programmes.aspx

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: https://epd.sutd.edu.sg/education/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

SCIENCE AND MATH
(URL: https://academics.sutd.edu.sg/science-math/science-and-math-phd-program/)

- Advanced Channel Coding for Non-Volatile Memories (NVMs)
- Coding and Detection for Ultra-High Density Data Storage Systems
- Design of Constrained Codes for Emerging Data Storage Systems
- Developing Fluorescent Sensors (Motion-Induced Change in Emission (MICE))
- Developing Fluorescent Sensors (Detection of Glucose in Human Body Liquids)
- Interdisciplinary Acoustics
- Large-Scale, Nano-Design in Non-Volatile Memory
- Music Acoustics
- Rational Development of Bright and Photostable Fluorophores for Bioimaging Applications
- Voice Science

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://admission.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: 01 Feb 2019
    Faculty of Science: 15 Nov 2018
    School of Computing: 15 Dec 2018

Nanyang Technological University: 31 Jan 2019
Singapore University of Technology and Design: 28 Feb 2019

Notification of Award

Shortlisted candidates will be informed by the end of May 2019.

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.