

WDA FACT - SHEET

Master of Science Programmes with the German Institute of Science and Technology – TUM Asia

A. About the programme

The key objectives of the four PCP programmes are to provide top notch German-Singaporean degrees in relevant and important areas like Chemistry, Electronics, Aerospace, etc. as well as to provide local industries with key skills to meet the demand of the future.

The four Professional Conversion Programmes (PCP) with the German Institute of Science and Technology – TUM Asia (GIST - TUM ASIA) are:

PCP Programme	University	About the Programme	Programme Duration
Integrated Circuit Design Professionals	NTU & TUM	The international Master programme in Integrated Circuit Design jointly offered by Nanyang Technological University (NTU) and Technische Universitaet Muenchen (TUM) will educate the next generation of engineers and leaders for the semiconductor industry.	18 months
Microelectronics Professionals	NTU & TUM	The Master in Microelectronics is a highly specialized programme jointly offered by NTU and TUM. It aims to educate next generation engineers to work in silicon wafer fabrication industries.	18 months
Aerospace Professionals	NTU & TUM	The Master Programme in Aerospace Engineering jointly offered by NTU and TUM provide graduates an in-depth knowledge in the field of aerospace engineering focusing on the areas of aeronautical and space design and research.	24 months
Chemical Professionals	NUS & TUM	The Master Programme in Industrial Chemistry jointly offered by NUS and TUM will enable postgraduate to be for specialist engineers for the pharmaceutical, as well as the fine and specialty chemical industries.	18 months

Programme Structure:

The four PCP Programmes are conducted full time and take about 18 to 24 months to complete. The PCP programmes are carefully structured to provide students with academic knowledge and practical skills. There will be 10 to 16 months of coursework, followed by 2 months (equivalent to 9 weeks) of internship and 6 months of master thesis project. Cross-Discipline modules in business administration, leadership training and legal are built into the curriculum to prepare the trainees for industrial exposure.

How does it work?

Under the **Master of Science Programmes with the German Institute of Science and Technology – TUM Asia**, individuals are encouraged to send their application directly to GIST - TUM Asia for the relevant PCP programmes. Successful trainees will be sponsored to undergo up to 24 months of training at GIST - TUM Asia. The labs and practical sessions are fully conducted in NTU or NUS. As trainees are matriculated with NTU or NUS, thus they are able to make use of the facilities within the respective Universities.

Do I qualify?

- Singapore Citizen or Permanent Residents of Singapore.
- Above 21 years old
- At least 6 months working experience
- An applicant must have completed at least a Bachelor Degree or an European/German FH Diploma or its equivalent in areas of Science or Engineering from a university with recognized standing.
- If the medium of instruction in your previous Programme medium is not English, please submit either of the following information:
 - ◆ TOEFL: Recent score with a minimum of 580 for Paper based test or 80 for internet based test
 - ◆ IELTS: At least 6.5
- Able to fulfil the graduation criteria with a GPA of 2.5
- Willing to work in Singapore for a period equal to the duration of the programme

For further enquiries, please feel free to contact us at wda_spur@gist.edu.sg

B. Funding Support

The four Master programmes are under the Professional Conversion Programmes (PCP) with SPUR (Skills Programme for Upgrading and Resilience) funding.

Eligible trainees will have the chance to study in world class Universities on a subsidized rate and receive monthly training stipend for the entire duration of the Programme. Please refer to the following for nett course fee payable:

Notes:

* Fees mentioned above are inclusive of 7% GST

* Funding rates are according to Skills Programme for Upgrading and Resilience (SPUR)

*Nett Fee funding is only applicable to Singapore Citizens and Singapore Permanent Residents

	PCP for Integrated Circuit Design Professionals	PCP for Microelectronics Professionals	PCP for Aerospace Professionals	PCP for Chemical Professionals
Nett Course Fee Payable	*S\$3210	*S\$3210	*S\$3745	*S\$4815

Programme Commencement

C. How to apply?

Individuals who are interested in the PCP programmes should email (wda_spur@gist.edu.sg) requesting for the application form under this scheme. **Online application is not accepted for PCP programmes under SPUR.**

Download Application Form & Application Checklist from our website at <http://www.gist.edu.sg/spur.aspx>

Contact Us

For further information about the enrollment and the Programmes:

Email : wda_spur@gist.edu.sg
Telephone Number : 6777 7407
Website : www.gist.edu.sg

Intake	Application Deadline	PCP for Integrated Circuit Design Professionals	PCP for Microelectronics Professionals	PCP for Aerospace Professionals	PCP for Chemical Professionals
August 2010	End May	Available	Available	Available	Available

D. About GIST - TUM ASIA

German Institute of Science and Technology – TUM Asia (GIST - TUM Asia) opens its doors In Feb 2002. As the subsidiary of Technische Universität München (TUM) in Singapore and the first German academic venture abroad. Through its groundbreaking collaboration with Singapore's two leading universities, TUM, Germany has pioneered globalization of German universities by creating GIST - TUM Asia in partnership with National University of Singapore (NUS) and Nanyang Technological University (NTU).

Since 2002, GIST – TUM Asia has been running joint Master Programmes between TUM and our partner universities NTU and NUS. Our Master of Science in Industrial Chemistry is the longest running programme with 7 successful intakes and 5 graduate batches. Through the years, programmes such as Integrated Circuit Design and Microelectronics have been added to our list. This year marks the 7th year anniversary and we plan to launch the Master of Science in Aerospace Engineering with NTU and start our 1st TUM degree in Master of Science in Transportation and Logistics.

E. About Professional Conversion Programmes (PCP) by WDA

The professional conversion programmes (PCP) is an initiative by the Singapore Workforce Development Agency (WDA) to provide more assistance to the Professionals, Managerials, Executives and Technicians (PMETs). This scheme is targeted at PMETs who are interested in entering the sector or further advancing their career within the sector through skill upgrade or skill conversion. PCP is under the Skills Programme for Upgrading & Resilience (SPUR) and will receive enhanced funding.