

TUM Asia Scholarship



Aerospace Engineering
Rail, Transport and Logistics
Green Electronics
Integrated Circuit Design
Industrial Chemistry

About TUM ASIA Scholarship

Technical University of Munich (TUM) Asia is happy to offer the TUM Asia Scholarship* for our graduate students. This TUM Asia Scholarship is awarded to high-quality candidates in recognition of their outstanding academic achievements, strong leadership qualities, good moral character as well as good recommendations or testimonials.

The TUM Asia Scholarship amounts up to 50% of the tuition fee, with no bonds attached. We look forward to welcoming candidates who can demonstrate achievements in their academic, social and personal life.

Scholarship Application Period:

To qualify for consideration of the TUM Asia Scholarship, applicants will be required to submit their Admissions application via the Admissions portal during the admissions period of the current intake. Applications submitted after the stated deadline may not qualify.

*Terms & Conditions apply. All Scholarships are limited and subject to availability. To qualify for consideration of Scholarships, applicants must be offered admissions into the MSc programmes before 31 March of the current intake. Scholarship applications with essay submissions will need to be sent in by 31 March of the current intake. All candidates would only be entitled to one scholarship upon admissions. Candidates awarded the TUM Asia Scholarship would not be entitled to any other discount and/or other MSc scholarships.

NO. 1
university

TUM is ranked as the no. 1 university in Germany*

NO. 13
in employability

TUM is ranked no. 13 in the Global Employability Survey[^]

17
Nobel Prize recipients

17 scientists and alumni of TUM have received the Nobel Prize

50
universities

TUM is ranked among the world's Top 50 Universities[#]

How to Apply:

1

STEP 1

Interested candidates need to submit an application with us at <https://tumasia.azurewebsites.net>

2

STEP 2

After submitting an application, interested candidates will need to prepare an essay to submit to TUM Asia. Applicants may also submit any supporting documents which demonstrate their achievements.

- Essay: "Please explain in a maximum 500 words why you are deserving of the TUM Asia Scholarship."
- To submit the essay, please ensure you do the following:
 - The title at the start of each essay should be: "TUM Asia Scholarship [Programme Name] – APPA Number – Full Name of Candidate".
 - Please save the PDF document as "TUM Asia Scholarship [Programme Name] – APPA Number – Full Name of Candidate".
 - Essay should not exceed 500 words.

3

STEP 3

TUM Asia Admissions Team will invite successful candidates to apply for the scholarship by submitting their essays to TUM Asia Scholarship Committee for review. Our team will take this into account in our holistic assessment of the students' application. Kindly note that scholarship applications will only be reviewed after applicants are successfully admitted into any of our MSc programmes.

4

STEP 4

The scholarship outcome will be made known only to successfully admitted candidates into our MSc programmes.

* As rated by QS World Ranking 2022

[^] As rated in the 2021 Global University Employability Ranking by Times Higher Education (THE) – Emerging

[#] As rated by Times Higher Education World University Rankings 2022 and QS World Ranking 2022

Master of Science Programmes offered at TUM Asia:

Master of Science

Aerospace Engineering

TUM

2

years

15

modules

Awarded by TUM, the programme is conducted in Singapore and serves to provide graduates with an in-depth knowledge in the field of aerospace engineering, focusing on the areas of aeronautical design, space design and research. Students can choose from electives in areas such as Aerodynamics, Flight Propulsion, Structures, Materials, Aero-Systems, Flight Mechanics and Control, among others.

Requires a minimum 3-year Bachelor Degree in Aerospace Engineering, Mechanical Engineering, or equivalent degree in other relevant disciplines.

Master of Science

Rail, Transport and Logistics

TUM

2

years

16

modules

Awarded by TUM, the programme is conducted in Singapore and aims to equip graduates with integrated knowledge in the fields of Railway Subsystems (infrastructure, vehicles, traffic control), Transportation and Logistics. Students can choose from three specialisations: Railway Engineering, Transport and Logistics.

Requires a minimum 3-year Bachelor Degree in any of the following areas (but not limited to): Civil Engineering, General Engineering, Mathematics, or equivalent degree in other relevant disciplines.

Master of Science

Green Electronics

TUM

NTU

2

years

14

modules

Jointly awarded by TUM and Nanyang Technological University (NTU), the programme is conducted in Singapore and aims to educate next-generation semiconductor researchers and engineers to work in the research areas of novel electronic/optoelectronic devices and systems, with a particular focus on the energy, sensing, monitoring and manufacturing fields.

Requires a minimum 3-year Bachelor Degree in Science, Electrical, Electronics Engineering, or equivalent degree in other relevant disciplines.

Master of Science

Integrated Circuit Design

TUM

NTU

2

years

14

modules

Jointly awarded by TUM and Nanyang Technological University (NTU), the programme is conducted in Singapore and topics such as analog to digital and mixed-circuit design, architectural concepts for integrated circuits, and design methodology and automation. Product manufacturing and testing are also addressed, as well as the broader concepts of signal processing, which are at the core of today's communications circuits.

Requires a minimum 3-year Bachelor Degree in Electrical, Electronics Engineering, or equivalent degree in other relevant disciplines.

Master of Science

Industrial Chemistry

TUM

NUS

2

years

15

modules

Jointly awarded by TUM and National University of Singapore (NUS), the programme is conducted in Singapore and serves to be an enabling postgraduate course for specialist engineers for the pharmaceutical, as well as the fine and speciality chemical industries. Students can choose from three specialisations: Catalysis and Petrochemistry; Building and Material Science; or General Electives.

Requires a minimum 3-year Bachelor Degree in Chemical Engineering, Chemistry, or equivalent degree in other relevant disciplines.

Application opens 1 October every year.

Visit www.tum-asia.edu.sg to find out more about our programmes and to apply online.



Programme Fees

Total Tuition Fee*

Aerospace Engineering	SGD38,520
Rail, Transport and Logistics	SGD33,170
Green Electronics	SGD42,800
Integrated Circuit Design	SGD42,800
Industrial Chemistry	SGD48,150

Processing Fee

SGD79 per application

Admission Criteria

- **Bachelor Degree** relevant to the Master programme you are applying to (Refer to page 3)
- **Bachelor Degree certificate or enrolment letter*** (if you have not completed your Bachelor Degree)
- **Academic transcripts or mark sheets**, including the credits/grading system of your university*
- **2 Recommendation Letters** from your professors or employers (this applies only for MSc in Green Electronics, MSc in Integrated Circuit Design and MSc in Industrial Chemistry applications)
- **Statement of Purpose** indicating the reason(s) you are interested in this programme
- **Curriculum Vitae / Résumé**
- **TOEFL test score** ($\geq 88^{\wedge}$ / $\geq 100^{\#}$ for Internet-based test, DI code: 7368) or **IELTS test score** (≥ 6.5 overall) taken no more than two years ago from date of submission
- **Akademische Prüfstelle (APS) certificate** for applicants who hold a degree from China, Vietnam, or Mongolia



The full application process and documents required for submission is available at www.tum-asia.edu.sg/application-process

Applications open 1 October every year.

For more information, please contact our TUM Asia Admissions Advisors:
Ms Lenny Christina / Ms Pan Yu:

events@tum-asia.edu.sg

- * Tuition fees are to be paid in 3 instalments.
- * The tuition fee includes teaching fees, laboratory expenses and cost of mandatory events. The tuition fee does not include airfare, accommodation, living expenses, and miscellaneous fees (registration, IT facilities, matriculation, examination, amenities, copy right, sports, insurance and medical).
- * The tuition fee stated is accurate as of 1 January 2021. All fees are subject to revision due to currency fluctuations, at the discretion of TUM Asia. All fees quoted are inclusive of 7% Singapore's Government Goods & Services Tax (GST). Please refer to our website for fee updates.
- * Documents which are not in English must be translated by a certified translator. Credits/grading system of your university is required:
 - min. passing score (e.g. 50 out of 100);
 - max. possible score (e.g. 100 out of 100); and
 - the equivalent score/range of scores for each grade (e.g. 'A' grade is equivalent to a score of 90 to 100).
- * All applicants are also required to submit an additional of:
 - 2-3 notarised copies of official or provisional Bachelor's Degree certificate
 - 2-3 notarised copies of official academic transcript, and
 - 2 passport-sized photographs when you have accepted the offer of admissions and are being matriculated into our programme.
- \wedge A TOEFL score of 88 is required for the Aerospace Engineering, Industrial Chemistry and Rail, Transport and Logistics programmes.
- $\#$ A TOEFL score of 100 is required for the Integrated Circuit Design and Green Electronics programmes.



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TUM Asia Pte Ltd
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