Technical University of Munich (TUM) Asia

SUMMER SCHOOL 2018
1 July - 11 July 2018

Smart Technology
TECHNICAL UNIVERSITY OF MUNICH

Founded in 1868, Technical University of Munich (TUM) is ranked as Germany’s #1 University*. TUM acts as an entrepreneurial university that promotes talents and creates value for society.

Following the same vision, TUM Asia was set up in 2002 to bring German academic excellence to Asia. Students at TUM Asia have the opportunity to combine German engineering with Asian relevance in the thriving economic landscape of Singapore.

TUM Asia offers Bachelor and Master degrees by TUM, in partnership with top universities in Singapore. With a TUM degree, graduates are able to secure reputable offers from companies anywhere in the world.

Dates of Summer School
1 July - 11 July 2018

Location of Summer School
Singapore
TUM Asia Campus
510 Dover Road
Singapore 139669

Eligibility Criteria
All undergraduate (Bachelor) students currently enrolled into a recognized university are eligible to participate in the Summer School.

Participants should ensure that they are proficient in English (reading and writing) at the university level. TUM Asia will not be requiring a formal English proficiency test result. Participants are required to self-assess their ability to participate in the TUM Asia Summer School, with all classes to be conducted in the English language.

TUM ASIA SUMMER SCHOOL 2018

Experience an unforgettable time in Singapore during your school break this Summer! The TUM Asia Summer School is designed to be an experiential and enriching program for international students, embracing a mix of academic topics alongside the rich cultural background of Singapore, while tasting a little of TUM Asia’s German heritage roots!

The 2018 Summer School will be focused on “Smart Technology”. As the world lurches forward into the fourth industrial revolution, there is widespread buzz about the adoption of automation and machine-learning in every aspect of our lives. How will technology further change the way we live? Come join us on this journey to find out more about the way technology is slated to change the way we live, work and play, while critically examining the impacts of these changes.

“SMART TECHNOLOGY” PROGRAMME

Singapore has launched an initiative to become the first Smart Nation of the world. In this Summer School, find out more about today’s Smart Technology topics as well as experience an introduction to Singapore’s unique cultural heritage, while picking up hints to Germany and the German language!

KEY TOPICS COVERED
• Introduction to Fourth Industrial Revolution (Industrie 4.0)
• Introduction to Smart Manufacturing
• Introduction to Smart Transport Systems
• Designing Smart Transportation
• Smart Grids for Smart Cities and Smart Transport

Other topics covered:
• German Language 101
• Introduction to Singapore (Cultural Immersion)

* As rated by Academic Ranking of World Universities 2011-2013, 2016 and QS World Rankings 2015
REGISTRATION FOR THE SUMMER SCHOOL

Registration Documents
After you have pre-registered on the TUM Asia Summer School website, you will be sent a copy of the TUM Asia Summer School Registration Form via email. Upon completing the form, you will be required to email the filled form to TUM Asia alongside the following scanned documents:
• Letter of Enrolment at the University or Academic Transcripts (up to the most recent semester) for current undergraduate studies
• Passport Biodata page

Fees for Summer School
Your registration will be complete and your place in the Summer School will be reserved when you have made the full payment of the Summer School Participant Fee of $1,850 Singapore Dollars.

This Fee is applicable to one participant per Fee, and the Fee is inclusive of accommodation, classes, and activity costs during the stipulated dates of the Summer School. Airfare, meals, personal leisure activities, public transport fares as well as travel insurance are not included in the Fee.

PROGRAMME SCHEDULE
(Subject to change)

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<td>Arrival in Singapore</td>
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<td>Tuesday</td>
<td>3 July 2018</td>
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<td>Introduction to Industrie 4.0</td>
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<td>Workshop: Robotics or 3D Printing</td>
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<td>Friday</td>
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ACCOMMODATION
All participants will be residing at the MDIS Residences @ Stirling Road. Located in the vicinity of the Queenstown estate, the MDIS Residences is 4 kilometers away from the TUM Asia campus. The MDIS Residences is a ten-minute walk to the nearest train station, and you will be merely six train stops away from the city center of Singapore.

All participants in the Summer School will enjoy:
• Personal keycard access to your room and level
• Bed and personal storage space in a single-gender room (quad-sharing rooms)
• Shower and toilet facilities on each floor
• Complimentary laundry services (additional laundry amenities available at a nominal cost)
• Convenience store and food options at ground floor