Technical University of Munich (TUM) Asia

SUMMER SCHOOL 2019

28 July - 7 August 2019
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.

TUM ASIA SUMMER SCHOOL 2019

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!

“INDUSTRIE 4.0” PROGRAMME

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. In this Summer School, find out more about today’s Industrie 4.0 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)
- Smart Manufacturing
- Smart Transport Systems
- German Language 101
- Introduction to Singapore (Cultural Immersion)

DATES OF SUMMER SCHOOL

28 July - 7 August 2019

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.

All classes at the Summer School will be conducted in the English language. Participants should ensure that they are proficient in English (reading and writing) at the university level.

ACCOMMODATION

MDIS Residences @ Stirling Road

PARTICIPATION FEES

$1,850* Singapore Dollars

REGISTRATION FOR THE SUMMER SCHOOL

How To Register:
1. Pre-register on the TUM Asia Summer School website: www.tum-asia.edu.sg/ss2019
2. Upon registration, you will receive a copy of the TUM Asia Summer School Registration Form via email.
3. E-mail the completed 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 and Passport Biodata page

FEES FOR THE 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.

*As rated by QS World Ranking 2015 - 2018
# PROGRAMME SCHEDULE *(Subject to change)*

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<td>Sunday, 28 July 2019</td>
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<td>Arrival in Singapore</td>
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<td>Monday, 29 July 2019</td>
<td>Welcome Activities</td>
<td>Cultural Immersion (Cultural Tour of Singapore)</td>
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<td>Tuesday, 30 July 2019</td>
<td>Introduction to Industrie 4.0</td>
<td>Societal Impacts of Industrie 4.0</td>
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<td>Wednesday, 31 July 2019</td>
<td>Modern Day Usage of Industrie 4.0</td>
<td>Smart Manufacturing</td>
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<td>Thursday, 1 August 2019</td>
<td>Smart Manufacturing</td>
<td>Smart Manufacturing</td>
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<td>Friday, 2 August 2019</td>
<td>Smart Transport Systems</td>
<td>Smart Transport Systems</td>
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<td>Saturday, 3 August 2018</td>
<td>Cultural Immersion</td>
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<td>Monday, 5 August 2019</td>
<td>Introduction to German Language</td>
<td>Workshop: Robotics and 3D Printing</td>
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<td>Tuesday, 6 August 2019</td>
<td>Personal Presentations</td>
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<td>Wednesday, 7 August 2019</td>
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## TESTIMONIALS *(Summer School 2018 Participants)*

- “Though the classes were not directly related to my university major, I can safely say that they were some of the best classes I have ever attended.”  
  Rongxuan Ye, China

- “The classes were so interesting that I did not doze off during any sessions in the Summer School!”  
  Vijay R, India

- “I used to be afraid of speaking English, but after 10 days in Singapore, I have become more confident to converse in English.”  
  Burencaodao, China