

Tecnun University of Navarra Summer Program, Spain

Tecnun University (<http://www.tecnun.es/>) offers the below module and courses in summer to our HKUST School of Engineering MSc students:

Date: From June 25, 2018 (June 26 is the holiday Saint Josemaría Day) to July 6, 2018

Location: Tecnun, San Sebastian, Spain

Quota: 2 MSc students

Module 3: Engineering Courses - B (refer to the below Course options, choose one):

Controlling Mobile Robots by ROS

Content:

This summer course is intended to provide a global vision of Robotics, and more specifically of Mobile Robotics. The description of the technologies available and the science behind these electro-mechanical devices. Robotics is a multidisciplinary field, requiring knowledge about mechanics, electronics and computer science.

This course offers a theoretical point of view of all these concepts, as well as practical experience. During the course an HCR Mobile Robot Platform will be programmed by using Arduino and Raspberry Pi.

Practice: Microrobot construction and contest.

[More course details](#)

Engineering Across Cultures

Course Goals:

- Understand the role of human culture in identifying and solving engineering problems.
- Explore various frameworks for defining and analyzing cultural drivers in the context of engineering design.
- Practise ethnographic methods for customer discovery, needs assessment and developing product design specifications.
- Gain practical experience in writing and analyzing engineering and business case studies.
- Learn from the diverse backgrounds and international experiences of course participants through group discussions and projects.

[More course details](#)

Bioengineering: Principles and Applications in Drug Delivery Systems

Content:

Students will have theoretical lectures combined with laboratory sessions on state of the art approaches to deliver drugs. The course will cover different technologies suitable to develop novel treatment therapies. Finally they will be introduced to models and simulation of drug delivery in silico.

[More course details](#)

Language: All courses will be taught in English.

Credit Transfer: No credit transfer is involved.

Fee: Application/registration/course fee is NOT required. Students will be responsible for costs incurred, including flight tickets, accommodation fee, visa fee, insurance, living expenses, etc. in Spain.

Accommodation: Student has to take care of his/her own accommodation. Please refer to <https://www.tecnun.es/short-term-programs/summer-program/practical-information> for information/assistance.

If you are interested to apply for these summer courses, please send the below details to sengmsc@ust.hk by **March 29, 2018. ***

Full Name:

Program:

Student ID:

Email address:

Contact number:

Course intended to apply:

***Applicants would receive the confirmation email from program office before they can submit the formal application to Tecnun. ***