

English-Taught Master's Programme in Electronics and Communication Engineering

Programme Introduction

This programme was jointly initiated by Fudan University, China and University of Turku (UTU), Finland. It is a 2.5-year full time English-taught programme with an emphasis on Embedded Electronics. There are two optional tracks in this programme.

Track 1 (Double Master's Degree)

Students who have been admitted by Fudan University aiming at getting double master's degree can apply for the study right at UTU as well. UTU will select students based on their eligibility, study success (at Bachelor's level) and interviews (in English). English proficiency is ensured during an interview. The selected students will have a mandatory one semester (according to the current arrangement it is the second semester) exchange to UTU, Finland. After completing this programme, students will receive the Master of Engineering Degree from Fudan majoring in Electronics and Communication Engineering and the Master of Science Degree from UTU majoring in Information and Communication Technology.

Track 2 (Fudan Degree only)

Students in this track only study at Fudan for 2.5 years. After the completion of study, students will receive the Master of Engineering Degree from Fudan majoring in Electronics and Communication Engineering.

Tuition Fees

Tuition fee at Fudan is 97500 RMB/programme.

Tuition fee at UTU is 4000 Euro/programme for non-EU/EEA students (no tuition fee for EU/EEA students).

Students in Track 1 should pay tuition fees to both universities. Students in Track 2 only pay the Fudan tuition fee.

Course requirement

The following courses are available in this programme. The list of courses may change slightly year by year.

Fudan University

- Digital Systems Engineering
- Embedded System & Application
- Digital Signal Processing
- HDL Based Design
- Energy Efficient Embedded Electronics
- Reconfigurable Computing (A)

Wireless Communication Engineering
High-Speed Electronic System Design
Fundamentals of Digital Communication System Design
Technology Leadership
Project Management and Product Development
Advanced Mixed-signal Circuits and System

University of Turku

Advanced Course on Operating Systems
Advanced Internet Technologies
Advanced Sensor Networking
Cyber Physical Systems
FPGA Prototyping
Principles of Interaction Design
Protocol processing
Seminar on Embedded Computing
Sensor Network Systems
Software Architectures
System-on-Chip Design
System Verification

Thesis requirement

The thesis should be written in English. The abstract should be written in both English and Chinese (no less than 1000 Chinese characters).

Contact

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