FDU Master of Engineering in Electronics and Communication Engineering taught in English / UTU Master of Science in Information and Communication Technology taught in English

Programme Introduction

This is a joint double master’s degree programme between Fudan University (FDU), China and University of Turku (UTU), Finland. After completing this programme, students will receive the Master of Engineering degree from FDU majoring in Electronics and Communication Engineering and the Master of Science in degree from UTU majoring in Information and Communication Technology.

This programme consists of four study modules: (i) a mandatory course module in an ICT major; (ii) an elective course module; (iii) a capstone project module; and (iv) a Master’s thesis.

The emphasis in the Programme has been in Embedded Electronics. In future, the aim is to extend the Programme to include more disciplines. All courses will be given in English which is also used in a project and Thesis work.

Student Selection

University of Turku and Fudan University will jointly select students into the Programme. Students should submit application to either UTU or FDU, and pass the entrance requirements of the corresponding university. Based on the applications, the Selection Committee will select student based on their eligibility, study success (at Bachelor's level) and interviews (in English). English proficiency is ensured during an interview.

Application period is open once a year during the Spring semester. The time will vary from year to year.

Tuition Fees

Students will follow the regulation and policies regarding tuition fees of their home universities (where they submit the application).

For students joining the programme, the following will apply:
1. Tuition fee for International students in this programme at Fudan University is RMB 50,000/Year.
2. University of Turku does not charge tuition fee for International students at this moment, but students must pay Student Union fee when at University of Turku.

3. The students of Fudan University will pay no tuition fee to University of Turku, and the students of University of Turku will pay no tuition fee to Fudan University for the exchange period.

**Study Time**

The Programme is 2 year full time study having a mandatory exchange period of minimum one semester. Each student will spend 3 semesters in their home university and at least one semester exchange period in the other university.

**Course requirement**

The following courses have been taught in the Programme. Each year the list of courses will be ensured before a new academic year.

**Fudan University**
- Digital Systems Engineering
- Advanced Technology and Applications of Internet of Things
- Embedded System & Application
- Digital Signal Processing
- HDL Based Design
- Energy Efficient Embedded Electronics
- Reconfigurable Computing (A)
- Wireless Communication Engineering
- Multiprocessor Architectures
- High-Speed Electronic System Design
- Fundamentals of Digital Communication System Design
- Analog-to-Digital/Digital-to-Analog Converter Perspective

**Technology Leadership**
- Project Management and Product Development

**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
Thesis requirement

The thesis should be written in English. Fudan University requires 1000-character abstract in Chinese.

Contact

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