

Introduction of SEU International Summer School Program

Theme

International Summer School of Wireless Communication Principles and Key Technologies

Overview

This project is based on the overall advantages of information subject of Southeast University (SEU). It adheres to academic-oriented and strengthens expanding training by integrating general education, professional education, academic exchange, and innovation and entrepreneurship, thus enabling overall improvements of students' comprehensive quality. By focusing our theme on the basic principles and technology frontiers of wireless communication systems, we set up three English courses, i.e., Introduction to Wireless Communication System, Mobile Fading Channel Modeling, and Frontiers of Microwave, Millimeter-wave and Terahertz Technologies. Four SEU teachers, seven foreign teachers, and three company teachers will participate in this project. Each course has five parts, including theoretical teaching, experiments, talks given by international masters, talks given by company experts, and visit and discussion. From the construction of this project, students will experience classes by experts at home and abroad, be geared to international university teaching styles, closely combine theory and applications, inspire innovative thinking and learning activity, laying a solid foundation for work and research in related areas. Each course has 2 credits.

Schedule (Draft)

Course 1: Introduction to Wireless Communication System, Week 1-2, August 2021

Course 2: Mobile Fading Channel Modeling, Week 2-3, August 2021

Course 3: Frontiers of Microwave, Millimeter-wave and Terahertz Technologies, Week 3-4, July 2021

Place: Online and offline integration. The offline places are Southeast University (Jiulonghu Campus) and China Network Valley (CNV)

Number of Participants

80 SEU students, 50 international students

Application Requirements

The undergraduate applicants are preferred to major in electronics and information, automation, computer science or related area, and has excellent language ability.

Application Deadline

20 June 2021

Host & Organizer

School of Information Science and Engineering, Southeast University

Contact Information

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