

东南大学 2022 年国际暑期学校项目介绍

Introduction of SEU International Summer School Program

项目主题

Theme

无线通信原理与关键技术国际暑期学校

International Summer School of Wireless Communication Principles and Key Technologies

项目概述

Overview

项目立足于东南大学信息学科综合优势，坚持学术导向，强化拓展培养，将通识教育、专业教育、学术交流和创新创业教育有机结合，全面提升学生综合素质。围绕无线通信系统的基本原理与前沿技术这一主题，开设《无线通信系统概论》、《移动衰落信道建模》、《微波、毫米波与太赫兹前沿技术》3 门全英文课程，由 4 名校内专任教师、8 名海外教师、3 名企业教师共同参与，每门课程均包含理论授课、实验实践、国际大师讲座、企业教师讲座及参观座谈 5 部分内容。通过本项目的建设，学生将体验国内外专家学者的授课，接轨国际高校授课方式，紧密结合理论和应用，激发创新思维和学习积极性，为从事相关领域的工作和研究建立坚实基础。每门课程 32 学时，可获得 2 学分，校外/国际选课学生可提供课程证书。

This international summer school is based on the overall strengths of information subject of Southeast University (SEU). It adheres to academic-orientation and strengthens development training by integrating general education, professional education, academic exchange, and innovation & enterprise education, thus enabling overall improvements of students' comprehensive quality. The theme of the summer school is the basic principles and technology frontiers of wireless communication systems. Three English courses are included, i.e., Introduction to Wireless Communication System, Mobile Fading Channel Modeling, and Frontiers of Microwave, Millimeter-wave and Terahertz Technologies. Four SEU teachers, eight oversea teachers, and three company teachers will participate in this project. Each course has five parts, including theoretical lectures, labs/tutorials, invited talks given by international masters, invited talks given by industrial experts, and visits to state key labs. From this international summer school, students will experience lectures given by experts at home and abroad, be geared to teaching styles of international universities, closely combine theory and applications, inspire innovative thinking and learning enthusiasm, thus laying a solid foundation for future work and research in related areas. Each course has 32 class hours and 2 credits. Course certificates are available for international students and non-SEU students in Chinese universities.

日程安排 (暂定)

Schedule (Draft)

课程 1: 无线通信系统概论, 2022 年 7 月, 暑期学校第 1-3 周

课程 2: 移动衰落信道建模, 2022 年 7-8 月, 暑期学校第 2-4 周

课程 3: 微波、毫米波与太赫兹前沿技术, 2022 年 7-8 月, 暑期学校第 2-4 周

地点: 线上与线下 (东南大学九龙湖校区、中国无线谷) 结合

Course 1: Introduction to Wireless Communication System, Week 1-3 of summer school, July 2022

Course 2: Mobile Fading Channel Modeling, Week 2-4 of summer school, July-August 2022

Course 3: Frontiers of Microwave, Millimeter-wave and Terahertz Technologies, Week 2-4 of summer school, July-August 2022

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

计划招生人数

Number of Participants

校内学生 100 人, 校外/国际学生 50 人

100 SEU students, 50 international students and non-SEU students in Chinese universities

申请要求

Application Requirements

电子信息类专业本科生, 具备一定的专业基础, 语言能力良好。

The undergraduate applicant is preferred to major in electronics and information and has excellent language ability.

申请截止时间

Application Deadline

2022 年 6 月 16 日

16 June 2022

主办/承办单位

Host & Organizer

东南大学信息科学与工程学院

School of Information Science and Engineering, Southeast University

联系人及联系方式

Contact Information

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