

东南大学 2021 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、7 名外籍教师、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。每门课程可获得 2 学分。

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.

日程安排 (暂定) (Schedule (Draft))

课程 1: 无线通信系统概论, 2021 年 8 月第 1-2 周
课程 2: 移动衰落信道建模, 2021 年 8 月第 2-3 周
课程 3: 微波、毫米波与太赫兹前沿技术, 2021 年 7 月第 3-4 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 1-2, 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)

计划招生人数 (Number of Participants)

校内学生 80 人, 国际学生 50 人
80 SEU students, 50 international students

申请要求 (Application Requirements)

电类专业本科生, 具备一定的专业基础, 语言能力良好。
The undergraduate applicants are preferred to major in electronics and information, automation, computer science or related area, and has excellent language ability.

申请截止时间 (Application Deadline)

2021 年 6 月 20 日
20 June 2021

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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