

专业: 信息与通信工程

Program: Information and Communication Engineering

院系: 电子信息与通信学院

School: School of Electronic Information and Communication

项目简介:

电子信息与通信学院是我校第一个成班建制招收全英文授课外国留学生的院系,涵盖本科、硕士以及博士三个培养阶段。其专业实力雄厚,目前全国排名前五。迄今我们已经成功举办了坦桑尼亚政府本科通信工程班和非洲国家信息技术应用培训班等国际项目。该项目主要培养具备从事通信系统、信息处理系统和空间信息科学及相关领域的理论研究和技术研究能力的国际人才,并与中兴、华为、微软等国内外知名企业紧密合作。

Introduction:

The School of Electronic Information and Communications is the first school in HUST to initiate the English-medium instruction for international students, providing both undergraduate and postgraduate programs. It is a first-class school, ranking 5th among all universities in China. So far, the School has successfully organized international programs such as the undergraduate class of Communication Engineering supported by the Tanzanian Government and African countries training program on Information Technology Application. This program aims at cultivating international talents with the capability of theoretical research and technical studies in the field of Communication Systems, Information Processing Systems and Space Information Sciences, etc. Close cooperation has been established with a number of globally renowned enterprises like ZTE, Huawei and Microsoft.

核心课程:

随机过程, 数字通信, 现代数字信号处理, 计算机网络, 移动通信系统, 无线自组织网络, 计算机网络安全, 数字电子技术基础, JAVA 等。

Core curriculum:

Stochastic Processes, Digital Communication, Advanced Digital Signal Processing, Computer Network, Mobile Communication System, Self-organizing Wireless Network, Computer Network Security, Fundamental Digital Electronic Technique, JAVA Language Program Designing, etc.

专业: 计算机科学与技术

Program: Computer Science and Technology

院系: 计算机科学与技术学院

School: School of Computer Science and Technology

项目简介:

计算机科学与技术学院是我校最早开设留学生教育的院系之一，经过近二十余年的发展，为世界各国培养了大批计算机领域的高端人才，其中硕士、博士逾百人。2014 年我院成功举办的非洲法语国家信息安全技术培训班，得到了突尼斯外交部和科特迪瓦电信部等机构的高度好评。该项目重视教学科研与实践相结合，与 IBM、微软、Intel、SUN、Oracle、百度、腾讯、阿里巴巴等国际知名电子产业公司开展了广泛的合作交流。

Introduction:

The School of Computer Science and Technology is one of the pioneers in HUST to initiate international education. After over 20 years' development, the School has cultivated a large number of high-quality talents from various countries, among which there are more than 100 masters and doctors. In 2014, the School has successfully organized the French-speaking African countries training program on Information Security Technology, which was highly praised by institutions like Ministry of Foreign Affairs of Tunisia and Department of Telecommunications of Cote d'Ivoire. This program attaches great importance to combining practice with teaching and scientific research. Extensive cooperation has been established with globally renowned enterprises in electronics industry like IBM, Microsoft, Intel, SUN, Oracle, Baidu, Tencent and Alibaba.

核心课程:

随机过程，计算机网络，面向对象的程序设计，数据库系统设计与实现，多媒体技术，高级操作系统，人工智能，软件工程，数字图像处理，计算机图形学等。

Core curriculum:

Stochastic Processes, Computer Network, Object-Oriented Programming, Database System Design and Implementation, Multimedia, Advanced Operating System, Artificial Intelligence, Software Engineering, Digital Image Processing, Computer Graphics, etc.

专业: 岩土工程/结构工程

Programs: Geotechnical Engineering/Structural Engineering

院系: 土木工程与力学学院

School: School of Civil Engineering and Mechanics

项目简介:

土木工程与力学学院成立于 1982 年, 经过几代人的不懈努力, 已逐渐发展成为一个具有浓厚的教学和科研氛围的全国知名学院。该项目着重科学研究与社会服务, 培养的学员大多参与道路、桥梁建设、高铁、地铁等国家大型项目。学院从 2005 年开始培养外国留学生并逐步开设全英文授课岩土工程/结构工程硕士专业课程, 目前大量的优秀毕业生已就职于本国的中资企业, 为中资企业走出国门提供了国际专业人力资源的保障。

Introduction:

The School of Civil Engineering and Mechanics (SCEM) was established in 1982. With the unremitting efforts of several generations, SCEM has become a national well-known school in China, with strong atmosphere of teaching and scientific research. This program emphasizes on scientific research and social services, and most of the students graduating from SCEM are involved in large national projects of roads, bridges, high-speed rail, subway construction. From 2005, SCEM has been cultivating international students and offering English-medium courses of geotechnical engineering and structural engineering. At present, a large number of outstanding graduates have been employed by Chinese enterprises in their own countries, which provides the China-invested enterprises with sufficient international professional human resources to go abroad

核心课程: 土木工程中的数值方法, 高等土力学, 高等混凝土技术, 预应力混凝土桥梁设计的概念与原理, 地基处理技术, 结构动力学, 边坡稳定性分析, 结构抗震分析, 复合地基理论及应用, 道路数值分析, 钢结构等。

Core curriculum: Numerical Analysis in Civil Engineering, Advanced Soil Mechanics, Advanced Concrete Technology, Concept and Principle of Prestressed Concrete Bridge Design, Ground Improvement Techniques, Structural Dynamics, Analysis of Slope Stability, Seismic Analysis of Structures, Theory and Application of Composite Foundation, Numerical Analysis of Roads, Steel Structures, etc.

专业: 企业管理/管理科学与工程

Programs: Enterprise Management/Management Science and Engineering

院系: 管理学院

School: School of Management

项目简介:

作为培养未来管理者的摇篮，管理学院一直致力于不断探索世界先进管理理念。从 1979 年发展至今，学院已为国内外企业，政府及相关机构培养了大量管理类专业人才。2008 年我校开设全英文授课的企业管理和管理科学与工程专业的硕士课程，更是吸引了大量的国际学生来校学习。与法国波尔多商学院的 1+1 双硕士学位项目每年也都吸引了 30 多名法国学生前来交流学习。学院教学实力雄厚，设施也是国内一流。与美国 Anheuser-Busch 公司共建的“安海斯-布希图书馆”是目前国内最具特色的图书馆。

Introduction:

As a cradle for future managers, the School of Management has been devoted to exploring the world's advanced management philosophy. From 1979 to now, it has cultivated a large number of management professionals for domestic and foreign enterprises, governments and relevant institutes. The postgraduate programs on Enterprise Management and Management Science and Engineering with English-medium instruction initiated in 2008 have attracted even more international students to study in HUST. Besides, the "1+1" DDIM cooperated with France's Bordeaux Business School also appeals to over 30 French students to come for exchange and study annually. The School of Management, with strong academic foundation, is equipped with the most sophisticated facilities at home and abroad. For example, the "Anheuser-Busch" Library jointly built with the US Anheuser-Busch company is the most unique library in China so far.

核心课程:

中国税制与税收筹划，生产运作管理，企业战略管理，财务管理，决策理论与方法，管理信息系统，人力资源管理，营销管理，组织行为学，管理经济学，专利专题，创业管理等。

Core curriculum: China's Tax System and Tax Planning, Production and Operations Management, Enterprise Strategic Management, Financial Management, Decision Theory and Methodology, Management Information Systems, Human Resource Management, Marketing Management, Organizational Behavior, Managerial Economics, Patent Strategy, Entrepreneurship, etc.

专业：行政管理/电子政务/土地资源管理

Programs: Administrative Management/E-government/Land Resources Management.

院系：公共管理学院

School: College of Public Administration

项目简介：以培养和造就未来领导者为宗旨的公共管理学院，是我校国际化氛围最为浓厚的学院。每年开设的东盟高端行政管理人才班，已成为东盟国家培养政府高端人才的重要基地。今年该院受斯里兰卡行政学院委托，承接的高级公务员培训工作更是得到了业内各界的高度认可。该项目专业优势明显，在全国高校中排名前四。与美国亚利桑那州立大学合作建设世界最先进的“电子决策剧场”，更是为世界各国政府及非政府公共部门的重大决策提供了最现代化的仿真模拟及决策咨询服务。

Introduction: The College of Public Administration (CPA) of HUST is aimed at cultivating and creating outstanding future leaders, and is honored as “the cradle for leaders, the think tank for governments”. It is also one of the schools in HUST with the strongest international atmosphere. CPA offers high-level talent-training program of public administration for ASEAN countries every year, which enables it to be an important base for these countries to cultivate high-level government talents. In 2015, entrusted by Sri Lanka Institute of Development Administration (SLIDA), CPA undertook the Senior Civil Servants Training Program for 24 senior Sri Lankan officials, which received high recognition from all circles in the field. The professional dominance of these programs is advanced, and it ranks 4th in China’s universities. Cooperating with Arizona State University, CPA has built the most advanced “electronic decision-making theater”, providing the modernized simulation and decision consultation service for important decision-makings of government and non-government organizations.

核心课程：公共管理，公共政策分析，公共经济学，公共管理经典著作阅读，电子政务，公共部门战略管理，比较公共行政学，公共部门人力资源管理，现代城市管理，土地制度与土地政策，房地产管理等。

Core curriculum: Public Administration, Public Policy Analysis, Public Economics, Reading of Classical Public Administration Works, E-Government, Strategic Management in Public Sector, Comparative Public Administration, Human Resource Management in Public Sector, Urban Management, Land System and Land Policy, Real Estate Management, etc.

专业: 国际贸易学

Program: International Trade

院系: 经济学院

School: School of Economics

项目简介:

该项目以培养“国际化经营管理人才”为目标，能在国际经贸部门、外资企业、跨国公司以及政府经贸机构从事实际业务、管理、研究等工作的高级专门人才。经济学院自 2000 年开始接受外国学生，迄今已为世界各国培养近 500 名留学生。该项目重视实践，项目学员在校期间能有机会到中国各大金融、证券公司实习，学习中国最新的经济运行模式，了解中国最新的经济政策。

Introduction:

With the goal of cultivating international management personnel with competence to work for the international trade sectors, foreign-funded enterprises, multinational corporations as well as governmental economic and trade institutions, the School of Economics began to recruit international students from 2000. Until now, it has already cultivated about 500 international students from all over the world. Besides the professional studies, students are also granted the opportunity to have internships in Chinese financial and security companies, from which they can learn about the latest economic operation modes and economic policies of China.

核心课程:

微观经济学，宏观经济学，计量经济学，中国经济专题，发展经济学专题，环境经济学，国际贸易专题，国际投资与跨国公司，WTO 专题，国际贸易实务，世界经济，国际商务，货币金融学，财务管理，国际金融专题等。

Core curriculum:

Microeconomics, Macroeconomics, Econometrics, Topics in Chinese Economy, Topics in Development Economics, Environmental Economics, Topics in International Trade, International Investment and Multinational Corporation, Topics in WTO, International Trade Practice, World Economy, International Business, Monetary Finance, Financial Management, Topics in International Finance, etc.

专业： 新能源科学与工程（硕士）

Program: New Energy Science and Engineering (Master's Degree only)

院系： 中欧清洁与可再生能源学院

School: China-EU Institute for Clean and Renewable Energy

项目简介：

该项目要围绕太阳能、风能、生物质能、地热能、能源效率五个技术领域开展研究，并根据未来能源发展需求培养清洁和可再生能源领域的高素质人才。中欧清洁与可再生能源学院是由中国政府和欧盟委员会共同发起建立的第三所中外合作办学机构，也是继中欧国际工商学院、中欧法学院之后的又一国际合作平台。每年牛津大学有近 10 名学员到该项目进行实习研究。

Introduction:

This program mainly focuses on the fields of solar energy, wind energy, biomass energy, geothermal energy and energy efficiency. It carries out relevant research and cultivates highly-competent talents in the area of clean and renewable energy in accordance with the future demand for energy development. China-EU Institute for Clean and Renewable Energy (ICARE) is the third Sino-European educational institute established and co-sponsored by Chinese government and European Commission. Each year, about 10 students from University of Oxford come to ICARE for internship and research.

核心课程： 可再生能源基础理论，可再生能源概论，可再生能源政策与管理，太阳能基础，风能基础，生物质能基础，地热能基础，能源效率基础，电力基础分布式发电系统与微网，太阳能技术，风能技术，生物质能技术，地热能技术，氢能，能源变换与并网控制，电能效率，热能效率等。

Core curriculum: Basic Theory of Renewable Energy, Introduction to Renewable Energy, Policy and Management of Renewable Energy, Fundamentals of Solar Energy, Fundamentals of Wind Energy, Fundamentals of Biomass Energy, Fundamentals of Geothermal Energy, Fundamentals of Energy Efficiency, Fundamentals of Electricity and Distributed Generation System and Micro-grid, Solar Energy Technology, Wind Energy Technology, Biomass Energy Technology, Geothermal Energy Technology, hydrogen energy, Energy Conservation and Grid-connection Control, Electrical energy efficiency, Thermal energy efficiency, etc.

专业: 材料科学/材料加工工程

Program: Materials Science/Materials Processing Engineering

院系: 材料科学与工程学院

School: School of Materials Science and Engineering

项目简介:

材料科学与工程学院创建于 1953 年，现已发展成为华中科技大学规模较大、实力雄厚的学院之一。学院现有教职工 154 人，其中教授 61 名（含博士生导师 50 名）。来自于哈佛大学、麻省理工大学、斯坦福大学等国际名校的教师也越来越多，已形成以具有博士学位的中青年教师为骨干的高水平师资队伍。材料科学与工程学院一直致力于开展国际学术交流。近年来，学院与美国德克萨斯州大学奥斯汀分校、德国达姆施塔特工业大学，日本物质与材料研究所等高校间开展着多样化的国际合作，让学院师生们充分参与到了多个学术访问，国际会议以及合作研究培训项目中。

Introduction:

The School of Materials Science and Engineering (MSE) is a vibrant community of scholarship dedicated to the science and technology of materials. Since its establishment in 1953, the school has witnessed tremendous growth and become one of the largest academic units at HUST, offering distinguished educational programs at undergraduate and graduate levels, and also a rich atmosphere for technological innovation. The School of MSE currently has 154 full-time faculty members, including 61 full professors (50 are Ph.D. supervisors). Some of them received rigorous academic training from top-notch institutions such as Harvard, MIT, Stanford, etc., and quite a few are high-impact scholars with achievements well-known at home and abroad.

International exchange and cooperation is among the core interests of the School of MSE, which has forged strong collaborations with several overseas institutions such as the University of Texas at Austin, Technical University of Darmstadt, and National Institute of Materials Science (NIMS) of Japan. Accordingly, students and faculties have benefited significantly from a wide range of international collaborative efforts, including academic visits, joint conferences, and cooperative research/training.

核心课程: 材料的微观尺度模拟，先进功能材料，精密塑性成形理论及应用，纳米材料制备技术，现代分析测试技术，复合材料制备及成形，陶瓷材料，电化学原理、方法及应用，半导体器件物理与加工工艺，有机化学。

Core curriculum: Materials Simulation on the Nanoscale, Advanced Functional Materials, Precision Plastic Forming Theory and Application for Metals, Synthesis and Preparation of Nanomaterials, Modern Instrumental Methods of Analysis, Preparation and Formation of Composite Materials, Ceramic Materials, Electrochemical Principles, Methods and Applications, Semiconductor Device Physics and Technology, Organic Chemistry.