Master of Logistics Engineering and Management

The Logistics Engineering and Management Program is designed to fulfill the needs of talents in advanced logistics technology and management in the logistics industry, manufacturing, medical & health, banking, and public services sectors. The program aims at nurturing globally competitive students with a broad and solid knowledge of logistics engineering. By closely cooperating with companies, the program cultivates high-end logistics talents for the market, and emphasizes on innovation in both knowledge and practice. The duration of this program is 2-3 years, with an annual enrollment of 30-40 students.

Research

The Division of Logistics Engineering and Management focuses on modeling and optimizing logistics and supply chain system, conducting research in areas such as smart supply chain, intelligent transportation, intelligent warehousing, logistics robots, port operations and logistics industry. The division has undertaken various programs supported by the National Natural Science Foundation of China (NSFC), National Key R&D programs, International (Regional) Joint Research Programs, as well as projects funded by the Shenzhen Municipality and Guangdong province.

In terms of industry cooperation, the division has established relationships with Huawei Hisilicon Co. Ltd., SF Express, China Southern Power Grid, VIPS, CIMC and other well-known companies, and have been providing these companies with technology services such as algorithms, software, solutions and consulting.

The Research Center for Modern Logistics has an annual per capita research fund of around 600,000 RMB. In the past five years, the Division of Logistics Engineering and Management has published 72 papers, including 33 SCI papers, 10 SSCI papers, 26 EI papers, and 3 CSSCI papers. The division has won prizes in the Sichuan Science and Technology Progress Awards and China Federation of Logistics & Purchasing (CFLP) Science and

Technology Progress Awards. The division has also built several experimental platforms, such as the Shenzhen Logistics Engineering & Simulation Laboratory, the Logistics Robots Teaching Laboratory, and the Development and Reform Commission of Shenzhen Municipality Semantic Mining Laboratory, which provides strong support for scientific research and teaching.

Professional Development

The Professional Master's Degree Program in Logistics Engineering started to recruit students in 2009. By 2019, the program has admitted a total of 186 students with 137 graduates. The division has won 25 Outstanding Papers of Tsinghua University, with 13 Outstanding Graduates of Tsinghua University and 5 Outstanding Graduates of Beijing.

Faculty

The Division is composed of experts in the field of logistics and cultivates high-quality research talents. The division currently has 1 professor, 6 associate professors, 1 lecturer, 3 experimenters and postdocs.

Division of Logistics Engineering and Management, Tsinghua SIGS

The Division cultivates outstanding graduate students and is devoted to scientific research and applications based on its technology advantages in the fields of logistics, such as engineering technology simulation, logistics system planning, logistics and supply chain management. The division promotes scientific research and technological innovation activities in traffic planning and management, intelligent traffic system design, vehicle-road collaboration, intelligent perception and control, high-precision positioning, unmanned driving and so on.

With established relationships with top universities in the United States, Singapore, Japan and Australia, they provide international cooperation and exchange opportunities for our students. The division also has relations with more than ten leading enterprises in Shenzhen

and Guangzhou to provide practical experimental bases for postgraduate training.

The Division of Logistics Engineering and Management will continue to maintain its leading position in the industry, and will cultivate more innovative scientific and managerial talents with international competitiveness for the society.

Contacts

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