

Advantages and Characteristics in Training

The major of Management Science and Engineering in Shanghai Maritime University was found in the year 1990. We gradually formed our own advantages and characteristics through the development of the past two decades.

As early as 1993, the SMU offered the minor of Management Science, which only recruited excellent undergraduates in SMU. Until the year 2000, the minor recruited 193 students in 8 sessions, 112 of them completed the course. Giving lessons according to the setup of management course, it was highly systematized in knowledge structure and focused on improving students' practical capabilities.

In the year 1996, the SMU had the gift to grant Master Degree of Management Science and Engineering. Two years later, the master station of "Management Science and Engineering" major was established to train high-end talents who can take part in management and offer consultation for the decisions of government planning. Post-graduates of this major received favorable comment and were mostly employed as key members of enterprises.

With the development of Chinese economy and the deepening of reform and opening up, Shanghai witnessed high-speed economic growth. The establishment of shipping center also became a national strategy. Therefore, talents of shipping-related management major are greatly needed in Shanghai. Associated with the successful experience in managing minor classes as well as Master Station previously, SMU obtained the gift to grant Dr. Degree of First level discipline in the year 2011.

As a key discipline of SMU, Management Science and Engineering subject enjoys the New Innovation Basement of Social Science in Shanghai. The study is oriented to the establishment of Shipping Center in Shanghai.

Educational Conditions:

Located in the Lin Gang Campus, SMU can provide excellent teaching facilities for students. In addition, the Economic and Management College has independent teaching buildings. Students can receive modernized and multimedia teaching environment in them.

The conditions of experiments are greatly connected to the experimental center of Economic and Management College. The center enjoys five labs and covers over 1000 square meters. The management science and engineering lab can offer high-level support for teaching and scientific research. The capability of high-speed calculations makes simulation experiment of transportation and data analysis possible.

Moreover, the labs of maritime economy and finance, of E-commercial and network engineering, of E-logistic and international trade as well as of enterprises operation can also provide necessary support for this subject. The labs can serve as backup classrooms furthermore.

Introduction of Secondary Disciplines and Supervisors

At present, the major research directions of Management Science and Engineering subject include:

1. Supply Chain and Logistic Management: Starting from a systematic point of view and combining qualitative and quantitative ways, it will focus on applying quantitative technologies, such as optimization, simulation, decision-making theory as well as network theory on logistic system. The study is based on the management theory and application of logistics.

2. Transporting Management: This direction involves the planning and management of various major modes of transportation. It also includes the frontiers like complicated dynamic and Intelligent Transportation System.

3. Information System: Combined with the rapidly developed E-commerce, this direction is characterized by the practical study of management science and information technology.

4. Systems Engineering: Most of the domestic management science and engineering subjects stem from the previous systems engineering discipline. This direction can be regarded as an interdisciplinary major for it will apply related theories and means to exert studies of real economic management problems.

Exchange Program, Employment Situations and Campus Life:

The length of the master of Management science and Engineering is two years. Besides learning inside the campus, students can also apply for the chance of exchange to countries like America, Korea, Poland, Russia, Germany, so on and so forth. SMU will provide various kinds of international exchange activities for students based on its cooperating relationships with overseas universities.

In recent years, the state of employment for post-graduates in SMU is quite well. Graduates work for governments, universities, transnational enterprises, SOE as well as consulting companies, represented by Organization Department of the Party Committee in Jiangsu Province, SMU, Huawei, Shanghai Foreign Service CO.LTD, CIIC and IKEA. The employment rate of 2011 is 100%.