POZNAN UNIVERSITY OF TECHNOLOGY

Logistics Systems
Field of study: Logistics

Programme description

The Master Programme in Logistics Systems is a 1.5 year (3-semester), specialized, graduate programme focused on developing advanced Logistics Management knowledge and skills. It covers major areas of Logistics Management, including: Supply Chain Management, Quantitative and Decision Aiding Methods for Logistics, Process and Project Management, IT and Computer Systems in Logistics and Manufacturing/ Distribution/ Transportation Management. Our Programme is consistent with the requirements of the European Logistics Association (ELA) Certificate guidelines and includes the modules linked with the concept of 4.0. Industry/ Logistics.

The graduates of the M.Sc. Progamme in Logistics Systems can become prospective logistics managers in a variety of manufacturing and service companies as well as in local and governmental administration. Since the programme is featured by quantitatively problem solving as well as system and project oriented curriculum, our graduates may easily find their future jobs in all institutions requiring the following skills: designing and enhancing logistics systems and solutions; introducing new logistics concepts and technologies, solving complex, unstructured logistics decision problems; developing and promoting new logistics services as well as integrating supply chains.

Our Programme is run by highly recognized international experts in logistics with exceptional educational skills and experience. It is action-learning oriented to develop the students' practical capabilities to run their own businesses. The graduates will also have wide knowledge concerning new forms of business organizations like lean and agile enterprises and receive managerial positions in variety of companies.

Course summary:

Semester 1
- Strategic management
- Designing of logistics systems & processes
- Marketing of logistic services
- Project management
- Traditional and modern manufacturing systems / Computer aided production planning and control / Decision making and aiding in logistics
- Operations management for Logistics / City Logistics / Physical distribution logistics
- E-business
- Business unit management

Semester 2
- Operation research and optimization theory
- Logistics management
- Computer systems in logistics
- Activity based costing in logistics
- Supply chain management / Transportation systems management / Inventory management for logistics systems
- Lean production and logistics / Location analysis for logistics systems / Reverse logistics
- Insurance in logistics
- Foreign language
- Physical training

Semester 3
- International logistics
- Master thesis tutorial
- Master thesis research
- Industrial Project – Procurement logistics / Manufacturing logistics / Physical distribution logistics / Supply chain logistics

M.Sc. Programmes

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University	Poznan University of Technology Poznan, POLAND
Degree to be obtained	Master of Science
Programme website	https://www.put.poznan.pl/en
Contact	International Relations Office Pl. M. Skłodowskiej-Curie 5 60-965 Poznan, Poland
Phone	+48 61 665 3544
Fax	+48 61 665 3956
E-mail	study@put.poznan.pl
Language of instruction	English
ECTS points	90
Duration	1.5 years (3 semesters)
Programme begins	end of February
Programme ends	end of June
Deadline for application	3 months before the course starts – end of November Introductory course – middle of July
Education requirements	English language – level B2 (Common European Framework), Bachelor of Science degree (or equivalent). Full list of the required documents is available at: https://www.put.poznan.pl/en
Mode of instruction	Lectures, classes, laboratory classes, computer labs, case studies, projects, internships