



# Logistics Systems

Field of study: Logistics



## Introductory course – optional

- Legal issues in logistics
  - Financial analysis for logistics
  - Introduction to management
  - Introduction to logistics
  - Macro and micro economy
  - Human resources management in logistics
  - Business English
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- Language of instruction: English
  - Tuition, other fees applicable
  - Duration: 1 semester (October 1 – January 31)
  - Deadline for application: July 15
  - Education requirements:
    - English language – level B1 – required, level B2 – recommended (during preparatory course the students will be obligated to advance their language skills from B1 to B2 level),
    - Bachelor of Science degree (or equivalent)
- More info: [www.fem.put.poznan.pl/en/logistics](http://www.fem.put.poznan.pl/en/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. Programme 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.

## OPTIONAL INTRODUCTORY COURSE

We offer an optional warm-up semester for candidates (graduates of the Bachelor Program) who have been trained in different fields of study and do not have appropriate educational background to study Logistics Systems. The candidates who have not graduated at the Bachelor Level in: Logistics, Transportation, General Management and Production/ Operations Management may enroll for the 1 semester preparatory course (starting in October) to enhance their knowledge and skills. After satisfying designated academic standards, the students enter the Master Programme in Logistics Systems. The application process for the preparatory course is carried out along the same administrative principles as in the core programme (Pre-Acceptance, Invitation, Visa Application, Final Confirmation).

## 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



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

