

# Engineering with Commerce

Field of study: Engineering Management



## Course summary:

### Semester 1

- Mathematics
- Basics of Management
- Microeconomics
- Information Technology
- Technical Graphics
- Introduction to Engineering
- Organizational behavior
- Foreign Language
- Physical Exercises (P. E.)

### Semester 2

- Mathematics
- Descriptive statistics
- Finances
- Organization Theory
- Materials Science
- Social Psychology / Sociology
- Information Technology in Management
- Foreign Language
- Physical Exercises (P. E.)

### Semester 3

- Financial Accounting
- Marketing
- Information Technology in Management
- Organization of work station and work study
- Ergonomics
- Chemistry / Technical Physics
- Strength of Materials
- Foreign Language

### Semester 4

- Philosophy / Ethics
- Financial Accounting
- Marketing Research
- Project Management
- Foundations of Machine Construction and CAD
- Machine Technology and Design of Production Processes
- Production Management
- Logistics / Technological machines

### Semester 5

- Human Resources Management
- Law Elements
- Quality Management
- Machine Technology and Design of Production Processes
- Electronics and Electrical Engineering / Quantum Physics
- Production Management
- Organization of Production Preparation / Organization of Supporting Processes
- Elective Course (technical line)
- Elective Course (managerial line)

### Semester 6

- Software Engineering
- Financing of enterprise
- Management Information Systems
- Protection of intellectual property
- Industrial Control Engineering and Robotics / Introduction to Signal Processing
- Elective Course (technical line)
- Elective Course (technical line)
- Elective Course (managerial line)
- Elective Course (managerial line)
- Student internships

### Semester 7

- Industrial Project / Organizational Consulting
- Designing industrial plants / Design of Production Systems
- Elective Course (technical line)
- Elective Course (managerial line)
- Diploma Seminar

## Programme description

The course delivers competences not only in management, economics and law but also in engineering disciplines as well. Such competences enable the graduate professional acting in the meeting of the enterprise and the customer. The graduate is able to associate the technological with economic and marketing problems in the context of global business. The graduate is also prepared to analyze the market and play both the function of sale manager as well as the initiator of change in the enterprise's organization and management systems. The graduates gains the entrepreneurial skills. To end the studies a student is obligated to write an engineering dissertation in Industrial Management.



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<b>University</b>	Poznan University of Technology Poznan, POLAND
<b>Degree to be obtained</b>	Bachelor of Science, Eng.
<b>Faculty</b>	Faculty of Engineering Management
<b>Address</b>	Strzelecka 11 60-965 Poznan Phone: +48 61 665 3374 Fax: +48 61 665 3375
<b>Programme web site</b>	<a href="http://www.put.poznan.pl/en">http://www.put.poznan.pl/en</a>
<b>Contact</b>	Lifelong Learning and International Education Office Pl. M. Skłodowskiej-Curie 5 60-965 Poznan
<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>Tuition, other fees applicable</b>	EU citizens: free of charge Non-EU citizens 1200 EUR first semester 1000 EUR each following semester
<b>ECTS points</b>	210
<b>Duration</b>	3,5 years (7 semesters)
<b>Programme begins</b>	end of September
<b>Programme ends</b>	end of June
<b>Deadline for application</b>	the middle of July
<b>Education requirements</b>	English language – level B2 (Common European Framework), Secondary school certificate which entitles its holder to apply to higher education institutions. Full list of the required documents is available at <a href="http://www.put.poznan.pl/en">http://www.put.poznan.pl/en</a>
<b>Mode of instruction</b>	Lectures, classes, laboratory classes, projects, internships

