

# Mechanical Engineering (BSc)



Silesian  
University  
of Technology



EXCELLENCE INITIATIVE  
**RESEARCH  
UNIVERSITY**

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## Programme structure for Mechanical Engineering.

The study program includes (not limited) the following modules:

- Maths, Physics, Statistics and other base courses
- IT module (information technology, programming etc.)
- Module of technical courses (algorithms and data structures, numerical methods, computer simulations, CAD/CAM/CAE systems)
- Design, manufacture and operation of machines and mechanical devices
- Application of machining technology, foundry, welding, plastics and metal processing
- Implementation of the production and assembly processes of machines in accordance with modern technologies
- Engineering mid-project (last semester)

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## Entry qualification:

- High school / secondary education (or higher):  
Secondary School Certificate with the transcript of records with grades in Maths and Physics
- The entry qualification documents are accepted in the following languages:  
English / Polish  
Often you can get a suitable transcript from your school. If this is not the case, you will need official translations along with verified copies of the original
- You must take the original entry qualification documents along with you when you finally go to the university
- Language requirements:  
English language  
Proficiency at level B2 by CEFR scale or equivalent
- Other requirements:  
Document stating that candidate's diploma allows to take up the second cycle studies in the country of issue (if such a statement is not already written on that certificate)

## Graduates from Mechanical Engineering:

- Shall find jobs in companies dealing with design, manufacturing and exploitation of machinery, e.g. in design offices, and connected with production planning and automation of technological processes
- Shall possess the wide knowledge and skills in metallurgy, materials science, machining, joining technologies, engineering designing, automation, plant management, quality management and other related areas
- Shall be well-prepared to take up post-graduate studies leading to the Master's degree – the faculty offers several proposals in English

- Full-time studies
- 7 semesters
- Tuition 2300€/semester

Study with Us!!!



 Handbook...