



# Politechnika Łódzka

Published on *Politechnika Łódzka - Rekrutacja* (<https://rekrutacja.p.lodz.pl>)

---

Organizational unit running the field of study:

Faculty of Electrical, Electronic, Computer and Control Engineering

International Faculty of Engineering

Cycle of study:

Second-cycle

Mode of study:

Full-time (degree programme)

Language of instruction:

English

Degree awarded:

Master of Science

Duration of study:

2 years (starting from winter semester)

1.5 years (starting from summer semester)

Description of the field of study:

The program is taught entirely in English and presents the latest developments in a very popular and fast-growing field of computer science and IT. Students learn to design IT systems, create and test software, process and analyze data. The curriculum prepares them to solve complex technical problems and challenges entailed by this innovative and fast-growing specialization.

CORE SUBJECTS run at the Faculty of Electrical, Electronic, Computer and Control Engineering:

Advanced Object Programming in Java

Computing Methods and Optimization

Modelling and Analysis of Information Systems

Computational Intelligence

Advanced Networking Technology

Pervasive Computing

CORE SUBJECTS run at the Faculty of Technical Physics, Information Technology and Applied Mathematics:

- Multimedia Databases
- Modern IT Technologies and Services
- Modelling and Analysis of Information Systems

- Soft Computing
- Sound Processing
- Internet Applications Programming
- Modern Programming Techniques
- Programming of Intelligent Information Systems
- Agile Methods of Project Management
- Security of Information Systems
- Modern Content Management Techniques

Each student enrolled on the COMPUTER SCIENCE AND INFORMATION TECHNOLOGY degree program has the opportunity to complete part of their studies abroad.

The study program is available on the [website](#). [1]

Graduate profile:

Graduates have fundamental and specialist knowledge of modern computer science as well as elementary knowledge of teamwork organization. The acquired education makes it possible for them to take up work of a varied character in the high-tech sector. Graduates are prepared to take up professional work in the field of computer science and related fields, including positions related to organization and participation in the work of large interdisciplinary teams. Given that IT and ICT consortia operate globally, they can work around the world. Graduates are prepared to learn independently, are able to pursue a third-cycle degree or second-cycle degrees in related fields, and pursue lifelong learning.

Date of enrolment:

We are not currently recruiting for this field of study

Admission requirements:

- [Admissions calendar](#) [2]
- [Required documents](#) [3]
- [Fees](#) [4]

---

## Source

**URL:** <https://rekrutacja.p.lodz.pl/en/computer-science-information-technology-second-cycle-international-faculty-engineering>

## Links

[1] <https://programy.p.lodz.pl/ectslabel-web/> [2] <https://rekrutacja.p.lodz.pl/en/deadlines> [3] <https://rekrutacja.p.lodz.pl/en/documents> [4] <https://rekrutacja.p.lodz.pl/en/tuition-fees>