Master Programme: Computer Security

Faculty
Faculty of Fundamental Problems of Technology

Field of study:
Computer Science

Entry requirements:
undergraduate degree in one of the following fields: computer science, electronics, mathematics, telecommunication, teleinformatics

English:
- Minimum TOEFL – 550 points/
  minimum IELTS – 6 points, or equivalent as per the university’s requirements

Mode of study:
Full time

Duration:
1.5 years

Start date:
February 2014

Deadline for application:
30th November 2013

Contact:
Admission Office
e-mail: admission@pwr.wroc.pl
telephone: +48 71 320 3170,
  +48 71 320 3711,
  +48 71 320 3719, 
  +48 71 320 4439.

Language of instruction:
English

Tuition fee:
- Non EU/EFTA students: 4000 EUR per year
  EU/EFTA students: no tuition fee

Application fee:
- Non EU/EFTA students: 200 EUR
  EU/EFTA students: 17 EUR

Programme coordinator: Prof. Mirosław Kutyłowski

Description/ Job prospects
The programme is focused on computer security, including both advanced knowledge as well as practical skills. The target is covering the current topics (such as from the scope of
CompTIA Security+ certificates), but at the same time to develop creative approach for solving future problems, ability to design new pragmatic technologies in the area of computer security, privacy and cryptography. Apart from core technological topics of computer security, procedural, legal, and legal issues as well as security management are concerned.

The programme aims to prepare security professionals which design, implement, audit, and run security systems. In particular, they may be responsible for protection of data and IT resources of private enterprises as well as public institutions in accordance to emerging legal obligations.

**Content**

Obligatory courses: Cryptography, System Security, Security with Embedded Systems, Compliance and Operational Security

supplementary courses, in particular:
