



## **ENERGY POLICY**

**3 ECTS (ELECTIVE)**

**AGH University of Science and Technology**

**Course responsible: Dr. Tomasz Mirowski**

### **Course overview**

The aim of the course is to give the students an understanding of the concept of energy policy and its key elements. The lecture deals with the major issues related to energy policy, especially the following topics:

- Energy security
- Energy intensity of GDP production
- Market reforms in the energy sector
- Market power in the electricity markets
- Quantitative tools for design of energy policy
- Energy and environmental policy of the European Union (including Support Schemes for Renewable Energy Sources)
- Investment policy in the energy sector.

### **Outcome of the course**

After this course the student should be able to

- Understand how energy policy is designed
- Distinguish major agents that influence energy policy and their role
- Understand the power market design
- Recognize the environmental, economic and social problems related to energy use and understand fuel and energy rationalization policy.

### **Course coordinator & teachers**

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