Europe – Poland – Kraków – AGH-UST
Kraków – a city of science and culture

• Beautiful, old Kraków – a magic city, the cultural capital of Poland

• Theatres, galleries, museums – Kraków captivates you with its charm and magic

• Big academic centre – more then 180 thousand students
AGH-UST history
AGH-UST tradition
Facts and figures

- One of the oldest and biggest Polish technical universities
- AGH-UST is a renowned and modern university
- 90 years of scientific experience
- 15 faculties and Interfaculty School of Biomedical Engineering
- 32 fields of study, more than 170 specializations
- Over 35,000 students, 550 doctoral students
- Over 150,000 graduates have passed through the halls our university
- 2,033 researchers including 227 full professors (more than 500 independent research workers)
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FIELDS OF STUDY

- Automatics and Robotics
- Acoustic engineering
- Civil Engineering
- IT Education
- Electronics and Telecommunications
- Electrotechnology
- Power engineering
- Medical physics
- Technical physics
- Geodesy and Cartography
- Geophysics
- Mining and Geology
- Information Science (IT)
- Applied Information Science
- IT and Econometrics
- Acoustic engineering
- Biomedical engineering
- Materials engineering
- Oil and gas engineering
- Environmental engineering
- Culture studies
- Mathematics
- Mechanics and Machine design
- Mechatronics
- Metallurgy
- Environment protection
- Sociology
- Chemical technology
- Management
- Management and Production engineering
Course information

The following courses are available at AGH-UST:

- **level I degree courses** (vocational studies) last 6 or 7 terms

- **level II degree courses** (courses leading to a Master’s degree) last 3 to 4 terms

- **level III degree courses** doctoral studies

- **postgraduate courses**
AGH-UST offers

- A wide scope of education
- Individual teaching programmes
- Modern methods of teaching
- E-learning
- Studies in English
- Integrated studies with a double degree
- Opportunities to do work experience and internship in Poland and abroad
- Modern educational facilities
- A wide range of social and cultural facilities and student services
- Opportunities to learn foreign languages
AGH-UST offers

Curriculum in English:

Faculty of Mechanical Engineering and Robotics
• Mechatronics BSc+MSc

Faculty of Management
• Logistics - MSc
• Management - MSc

Faculty of Electrical Engineering, Automatics, Computer Science and Electronics
• Electronics & Telecommunications BSc+MSc

Faculty of Mining and Geoengineering
• Mining Engineering – MSc

Faculty of Drilling, Oil and Gas
• Petroleum and Gas Engineering – MSc

PhD: Physics, Materials Science, Telecommunication, Mining and Geology

MBA: Colorado State College
International exchange - ERASMUS, UNESCO etc, 1200 students in 2008/2009

„Double diploma” – 79 programs: Germany, France, Mexico, Finland, Norway, Japan, USA

International Schools:
“Celgas” - International Postgraduate Study in Gas Engineering
International University of Resources
International School of Materials Science (Francja)
Materials Science – International PhD School Switzerland-Poland
Japanese-Polish PhD School of Technology

UNESCO Fellowship Programme
The AGH-UNESCO Chair - 23 students
AGH-UST offers

Summer Schools

Summer Semester in Cracow (USA) – 20 students
Summer School of Electron Microscopy (UE) – 15 students
Cursos de Varano (Mexico) – 63 students
Summer School of Mining Engineering – 50 students
AGH-UST Campus

AGH-UST Campus – the biggest campus in Poland

- 9,000 places for students (~$100/room)
- hotel services
- student’s restaurants (~$4 lunch)
- medical centre
- security system (monitoring)
- bank
- post office
- clubs
- radio station
- shopping facilities
- gyms
- kindergarten
- modern, cordless computer network WiFi
Research at AGH-UST is conducted in 8 areas

1. Information technologies
2. New materials and technologies
3. Environment and climate change
4. Energy and its supplies
5. Mining
6. Electrical and mechanical engineering
7. Exact and natural sciences
8. Social-economic sciences and humanities
RESEARCH PROJECTS, 2008

Total number: 2180
National collaboration

- **Industry**: IBM, Delphi, Valeo, PGNiG, Lotos, ComArch, RWE, Lafarge, Siemens, KGHM, Cemex (over 160)

- **Regions**: Bochnia, Bolesławiec, Katowice, Krosno, Skawina (almost 30)

- **Polish Research Units**: Research Institutes, Universities, (approx.60)

- **Consortia**: AKCENT, RIMAMI, Umowa Konsorcjum Uczelni Polskich, (over 25)

- **Secondary schools**: AGH-UST cooperates with 252 schools within the framework of the so-called “zero year”
International collaboration

• Cooperation with 140 academic centres from 50 countries (e.g. the USA, Japan)

• Cooperation with numerous companies (e.g. IBM, Valeo, Haliburton, Schlumberger, Motorola, EDF, L.G., Philips, RWE Power AG, Lafarge, Cemex, Delphi, Siemens)

• Participates in many research and educational programs e.g.: FPs of EU, LLP ERASMUS, CULTURE, INTERREG IV, LEONARDO, TEMPUS, EUREKA, COST, e-TEN
Cooperation with Ukraine

- 27 bilateral agreements with Ukrainian universities (19%, strategic partner)
- Ukrainian students at AGH-UST (15%, one of the largest group of foreign students)
- *Stanislaw Staszic’s* scholarship for students from East-European countries
- More than 50 visitors from Ukrainian universities per year at AGH-UST (conferences, internships, students)
- Almost 100 visitors from AGH-UST at Ukrainian universities per year
TOTAL NUMBER OF GENERAL BILATERAL AGREEMENTS WITH EDUCATIONAL AND RESEARCH INSTITUTIONS: 141

North & Central America - 21
South America - 6
Africa - 5
Asia - 24
Europe - 80
Infrastructure

Investment in new facilities and projects is crucial for the current activity of AGH-UST as well as its future development.

The most important ones are building a new swimming pool, a new educational centre, lecture halls and the modernisation of laboratories.
Infrastructure
Scheduled construction works

Ceramic Centre

Information Technology Centre

Centre of Advanced Materials and Nanotechnology
We care about your health and fitness

- Fashion for practising sport and keeping fit among students and workers
- Extension and development of AGH-UST sporting facilities:
  - construction and modernisation of gyms
  - construction of a new swimming pool
Student life
Thank You