

STUDY SPACE TECHNOLOGIES

New Master's Degree Program at the AGH University of Krakow

Think today about tomorrow – Study Space Technologies!

The space industry is currently experiencing rapid growth, with an even greater boom on the horizon.

Now, imagine that when the moment comes, you are a recognized expert in the space sector.

Make that dream a goal by choosing the Space Technologies Master's Degree Program at AGH University of Krakow.



New Master's Degree Program - Space Technologies

The AGH University of Krakow is thrilled to announce the launch of a new Master's program in Space Technologies. This program, which is entirely taught in English, prepares students for careers in one of the fastest-growing industries of the future. It is the first program of its kind in this part of Poland!



Three specializations to choose from:

Choose one of three distinct paths:

- **Upstream** – Designing and building space technologies
- **Downstream** – Analyzing and utilizing data from space missions
- **Biomedical** – Space medicine and life support technologies

THREE SPECIALIZATIONS

Upstream

Focuses on the technologies and systems used in the design, construction, and operation of spacecraft. Students will learn about orbital mechanics, spacecraft engineering, and onboard systems, gaining the skills necessary to work on the development and testing of space technologies.

Downstream

Concentrates on the processing and analysis of data from space missions. The curriculum includes signal processing, remote sensing, and space imagery analysis, as well as the use of machine learning in space applications. Graduates of this path will be prepared to manage and analyze data obtained from space.

Biomedical

Dedicated to those interested in the impact of space on human health and life support technologies in space environments. The program covers space biology and medicine, as well as biomedical engineering, preparing students to work on life-support systems in space.



Beyond studies – industry partnerships from day one

The program offers expertise and internships with tech and space companies, including **CloudFerro** or **Intel**, with more partners joining. This close collaboration between academia and industry ensures that students gain a clear perspective on their career paths from the start. Practical experience acquired during the program will make entering the job market more straightforward.



A global environment – Just like the space industry

The space sector is inherently global, and pursuing a career in this field means embracing work in an international environment. The Space Technologies program prepares students for this challenge, offering courses taught entirely in English by international faculty. The program fosters a multicultural exchange for national and international students.



Admissions are opening soon – limited places are available!

Everything moves fast in the space industry, and so does admission to the Space Technologies program! Applications open on January 13, 2025. Check out the full admission schedule here:

Schedule



Discover the curriculum

Find out more about the subjects covered in the Space Technologies program:

Syllabus



Take the first step towards your future – study Space Technologies at the AGH University of Krakow!



Do you have any questions?

Ask Dr. Eng. Krzysztof Grabowski at kgrabow@agh.edu.pl

Where to find us:



www.ctk.agh.edu.pl



Space Technolgy Centre AGH



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