



THE EUROPEAN SPACE UNIVERSITY FOR EARTH AND HUMANITY

WHAT IS UNIVERSEH?

UNIVERSEH is an **Alliance of five European Universities**, each with a long-established expertise in the exciting field of Space, with the ambition to create a new key pillar of space innovation, entrepreneurship and collaboration in Europe.

UNIVERSEH associates five Universities:

- Université Fédérale Toulouse Midi-Pyrénées (France),
- Université du Luxembourg (Luxembourg),
- Heinrich-Heine-Universität Düsseldorf (Germany),
- Luleå tekniska universitet (Sweden), and
- Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie (Poland).

Created in 2020 **as part of the European Commission's "European Universities" initiative**,

and co-funded by Erasmus+, UNIVERSEH's purpose is to provide **comprehensive higher education programmes in space technology, data and science** and to develop new ways of European collaboration in the field of Space.

Our curriculum is designed to educate and train students in **addressing key challenges of the future**, and to equip them with an in-depth knowledge across four pillars of activity: Space for societal challenges, space exploration, space resources and settlement.

UNIVERSEH's innovative programmes aspire to strengthen Europe's higher education system, hence **contributing to job creation and economic growth**, making the space sector more sustainable, and ensuring that the EU remains a global leader in the increasingly competitive space arena.

UNIVERSEH: A key pillar of space innovation, entrepreneurship and collaboration in Europe



CROSS-EUROPEAN ALLIANCE
OF FIVE HIGHER EDUCATION
INSTITUTIONS



PROVIDERS OF FIRST-CLASS
TEACHING AND RESEARCH IN SPACE
TECHNOLOGY, DATA AND SCIENCE



DRIVERS OF SUSTAINABILITY FOR
THE SOCIETIES OF THE FUTURE



CATALYSTS FOR JOB CREATION
AND ECONOMIC GROWTH
IN EUROPE



Co-funded by the
Erasmus+ Programme
of the European Union



UNIVERSEH:

Employment-oriented, fostering innovation, promoting mobility and multilingualism

WHAT WE OFFER

UNIVERSEH aims to offer interdisciplinary study programmes in the field of Space. Reflecting European values, UNIVERSEH's objectives are to **facilitate mobility and multilingualism**, promote student inclusion and diversity and **strengthen pedagogical innovation and entrepreneurship** in Europe. The Alliance also aspires to make the space sector more sustainable and to help **maintain the EU's autonomy and top position** in space innovation.

Our Areas of Study

UNIVERSEH will offer high quality education and research programmes in a range of key areas, such as: Science, Engineering, Economy, Social and Human Sciences, Entrepreneurship and Innovation, Medicine and Culture. Our **employment-oriented curricula** will **train Europe's future workforce in highly sought-after skills**, thus contributing to consolidating Europe's leading position in the exploration of space.

Our Approach

The UNIVERSEH partners are **committed to adopt new innovative approaches** to shape our teaching and learning experience. Student-centred learning, peer-to-peer and collaborative teaching, interdisciplinary and cross-sectoral curricula will form the crucial components of our educational approach.

Our Location

Our study experience will involve in-person, distant and blended learning within UNIVERSEH's collaborative campus, comprising the five partner Universities' facilities. UNIVERSEH's students will have the opportunity to **combine courses across Universities** and access foreign language classes in a multilingual environment.



WE OFFER EMPLOYMENT-ORIENTED STUDIES



WE FOSTER INNOVATIVE TEACHING AND LEARNING APPROACHES



WE PROMOTE STUDENT AND STAFF MOBILITY WITHIN A MULTILINGUAL ENVIRONMENT

WHY UNIVERSEH?

The Alliance draws on its **combined expertise and experience in the space sector**, as well as on its well-established relations with the space industry, European and national space institutions and agencies, to offer pioneering study courses and research opportunities to students and academic staff.

Together, the five partner Universities have the potential to **reach more than 140,000 students, researchers and staff** across France, Luxembourg, Germany, Sweden and Poland.

UNIVERSEH: Industry experience, key institutional connections and a high reach amongst students and staff



COMBINED EXPERTISE OF FIVE HIGHER EDUCATION INSTITUTIONS IN FIVE EUROPEAN COUNTRIES



ASSOCIATION OF LEADING UNIVERSITIES IN THE FIELD OF SPACE



STRONG TIES WITH MAJOR PLAYERS IN THE SPACE INDUSTRY



OVER 140,000 STUDENTS, RESEARCHERS AND STAFF

WHO ARE WE?

UNIVERSEH is an alliance of five Universities from different European countries - France, Luxembourg, Germany, Sweden and Poland.



UNIVERSEH also relies on the support of five Toulouse Academic Partners:



UNIVERSEH TIMELINE

Official launch of UNIVERSEH (teaching)

2020



Official launch of Beyond UNIVERSEH (research)

2021



Activation of the UNIVERSEH teaching and learning programmes

2023



Comprehensive educational and research programmes

2027



UNIVERSEH STAKEHOLDERS

UNIVERSEH positions itself in the context of a very dynamic space sector.

Government space programme budgets worldwide are growing, reaching close to EUR 70 bn in 2020 to cover exploration and scientific activities. Commercial space applications continue to develop and diversify into new areas. The market for satellite communications and connectivity is forecast to exceed EUR 15 bn, and the

market for Earth observation services is expected to reach more than EUR 6 bn in 2029. Satellite constellations is forecast to lead to a five-fold increase in the average number of satellites launched per year by 2029¹.

UNIVERSEH is proud to work with an extensive group of stakeholders who reflect the manifold activities of the space sector.

¹Source for all figures in this paragraph: Euroconsult

Space Agencies



Incubators



Erasmus+ Partners



Institutional Partners & Associations



Private & Industrial Partners



And with the precious support of

- City of Toulouse, Toulouse Metropolis
- Kiruna municipality
- Luleå Municipality
- City of Düsseldorf
- County of Norrbotten, Region Norrbotten
- "Occitanie Midi-Pyrénées" Region
- Wissensregion Düsseldorf
- Małopolska Region
- Arctic Business
- Ministry of Economy of the Grand-Duchy of Luxembourg
- Minister of Economic Development of Poland
- Ministry of Science and Higher Education of Poland