



# EUROPEAN UNIVERSITIES

Erasmus+



Uniting over...

**130 977**

STUDENTS

**13 030**

STAFF

**43**

FACULTIES

**207**

RESEARCH INSTITUTES

## OUR VISION FOR THE FUTURE

## UNIVERSEH

### WHO WE ARE

#### 5 pioneers

Université Fédérale de Toulouse (France)

Université du Luxembourg (Luxembourg)

Heinrich-Heine-Universität Düsseldorf (Germany)

Luleå Tekniska Universitet (Sweden)

Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie (Poland)

#### 68 associates

19

businesses

8

NGOs

4

cities

5

regional authorities

3

national authorities

7

research centres

4

networks

1

museum

3

incubators

8

national public agencies

6

higher education institutions

### OUR VISION FOR THE FUTURE

UNIVERSEH aims to be recognised as a comprehensive **European Space University for Earth and Humanity** considering its **European higher education inter-university 'campus'** where:

- **New joint and flexible curricula** are delivered in the **space domain** based on cross-disciplinary / multi-disciplinary and cross-sectoral approaches
- **Mobility is embedded at all levels**
- **Business-University cooperation** is developed to promote practical and/or work-based experience and to foster entrepreneurial mind-set

- **Student involvement** is a key pillar
- **Innovative teaching and learning** plays a central role
- **Sustainable Development Goals** are a high priority.

UNIVERSEH will contribute to the global leadership of Europe in Space and New Space. Our **challenge-driven** university will focus on four major components: space for societal challenges, space sustainability, space exploration and space resources & settlement.

We will develop **high-quality inclusive education** based on interdisciplinary approaches, resource-sharing and best practices for local adaptation, with a **revived cooperation**

in and between **industry and academia**. This will accelerate research and innovation in space activities, by educating the future-proof job candidates, in academia and industry.

## PUTTING OUR VISION INTO PRACTICE

### KEY DELIVERABLES / ACTIVITIES

- A **mobility and multilingualism enhancement programme**, comprising of a mobility platform with personalised information for all stages of the mobility process, a set of short term thematic mobility programmes (e.g. Arctic Winter School) and a multilingual and illustrated Dictionary of Space Concepts
- The development of **interdisciplinary and cross-sectoral curricula**, first through analytical comparison of existing courses at partner universities and feedback from stakeholders on future needs for student competences and then through the implementation of joint common courses and programmes at all levels. A common diploma supplement will also be developed
- The development of **innovative pedagogical models**: Personal Learning Network, Hybrid learning and Virtual classroom, « Learn abroad and validate at

home » process, Digital experiment-based learning, microlearning, with the creation of “Aerospace Digital Nuggets”

- **Fostering entrepreneurship and innovation** through the development of new common entrepreneurship modules (including intellectual property and financing opportunities) adapted to the European space sector, various programmes and projects to offer students in various disciplines the opportunity to discover entrepreneurship through practice, networking and mentoring activities
- Specific **activities addressing** some of the **barriers students** can face when it comes to joining higher education in general and studying abroad in particular: comprehensive support for students from a disadvantaged socio-economic background, promotion of womens’ participation in the space sector and Student to student support.

### HOW OUR ALLIANCE WILL TRANSFORM OUR UNIVERSITIES

- A **governance** based on a **participative** principle, involving academic and non-academic staff, students and stakeholders
- **Innovative pedagogical approaches** and culture through competence sharing
- New mechanisms for **transdisciplinary studies**

through mobility and shared pedagogical material, **allowing students to build their curricula** benefiting from the entire competence set and proposed courses of the alliance.

- A widespread use of **digital** technologies, blended learning by sharing of competences and infrastructure and online pedagogical material.

➤ [www.universeh.eu](http://www.universeh.eu)

#EuropeanUniversities

[https://ec.europa.eu/education/education-in-the-eu/european-education-area/european-universities-initiative\\_en](https://ec.europa.eu/education/education-in-the-eu/european-education-area/european-universities-initiative_en)

