

# INTERNATIONAL SPACE UNIVERSITY, A UNIQUE GLOBAL NETWORK



ISU is the sole university worldwide devoted entirely to space education since 1987. Today, ISU is made up of a unique network around the world with a Central Campus in Strasbourg, with hubs in the USA and the Asia-Pacific region, and partnerships with leading space organizations worldwide. ISU is a 35-year success story with 5200 alumni shaping the international space ecosystem in 110 countries including astronauts and entrepreneurs along with current and former space industry and government leaders.

## FIVE PROGRAMS

ISU offers five exciting core programs for international postgraduate students and professionals, including the Master of Space Studies, the Space Studies Program, the Southern Hemisphere Space Studies Program as well as Commercial and Executive Space Courses. All programs are based on a unique international, intercultural and interdisciplinary (3-I) learning experience where students, faculty, and visiting lecturers come from around the world to share their knowledge in all space-related fields. ISU also fosters entrepreneurship and supports start-ups in its dedicated in-house incubator, accelerating the

bridge between space and commerce. By joining the ISU network, students engage with world space experts shaping the development of the global space economy.

## ISU ONLINE

Since 2020, ISU has launched new online education with highly interactive and live programs with online mentorship and coaching. Most ISU programs can be delivered online in synchronous mode and still provide participants with the interactivity and professional networking for which the ISU is known for.

## EVOLUTION OF THE SPACE SECTOR

Today, we rely increasingly on space assets for our economy and many other aspects of our everyday lives. The space sector is increasingly integrated with global economic sectors. Space is key for a better understanding of our planet Earth, climate change, and for supporting the world's overall socio-economic development in the years to come. The evolving space economy with new and emerging space countries, is developing a vibrant commercial and public space sector, with new

unprecedented entrepreneurial leadership and private investment, offering ISU students and professionals exciting future perspectives. These translate after studying at ISU into great opportunities for employment in academia, space agencies, or in the booming space industry. **It is simply a smart decision to receive an ISU space education right now.**

**Joining ISU means living and working in a unique international, interdisciplinary and intercultural environment and preparing for game-changing space endeavors – a rewarding and unforgettable experience!**

## ISU STUDENTS AND PARTICIPANTS BENEFIT FROM

- The expertise of international renowned faculty and visiting lecturers
- The largest worldwide alumni network in the space sector
- Access to cutting-edge resources for space education and training
- Front row seats to the evolution of a booming space sector that provides ample opportunities for innovation, interesting jobs and career development
- The strategic partnerships formed by ISU with government agencies and industry, research centers, universities, and other international organizations
- The friendships and contacts made at ISU that enrich professional and personal development

## MASTER OF SPACE STUDIES



The Master of Space Studies (MSS) is a one- or two-year interdisciplinary graduate degree program. The MSS covers all aspects of the global space domain and is designed for students from a diverse range of educational, cultural and professional backgrounds.

- The MSS is intended for individuals seeking professional development, further academic study, or both
- The MSS supports students that want to pursue a space career through ISU's worldwide network of space organizations
- The MSS supports experienced professionals in their career advancement, to facilitate a change of career within the space sector, or a career move into the space sector

Since 1995 the MSS program offers a cutting-edge knowledge base for a successful career in the space sector.

### MSS

**1-2 years**  
Strasbourg, Central Campus, France

## SPACE STUDIES PROGRAM



The Space Studies Program (SSP) offers an intensive nine-week course hosted each year in the timeframe June-August in different locations around the world. The SSP provides courses in all space disciplines, as well as hands-on education through workshops and professional visits.

- The SSP offers a unique curriculum designed specifically for professionals starting or changing direction in their space careers
- The SSP is intended for people working in space-related fields who wish to broaden their knowledge base
- During the SSP participants work on team projects to address current and future challenges in the space sector

Since 1988, the SSP program exposes participants to broad new perspectives on the world's space activities.

### SSP

**9 weeks, June-August**  
Itinerant program, hosted in different countries

## SOUTHERN HEMISPHERE SPACE STUDIES PROGRAM



The Southern Hemisphere Space Studies Program (SHSSP) is an intensive, five-week program providing a multidisciplinary understanding of the key activities and areas of knowledge required by today's space professionals.

- The SHSSP is intended for graduate researchers in all fields seeking a broader knowledge of international space activities
- The SHSSP connects professionals with the international space sector
- The SHSSP is also intended for undergraduate students in the final two years who seek exposure to the various aspects of space studies

The SHSSP aims to act as a catalyst boosting the role of space for countries in the southern hemisphere and those cooperating with them.

### SHSSP

**5 weeks, January-February**  
Adelaide, Australia

## COMMERCIAL SPACE PROGRAM



The Commercial Space Program (CSP) is an intensive program of 8 weeks with a series of courses focused on commercial space with special emphasis on technical and entrepreneurial management, public-private partnerships, and New Space activities.

- The CSP is developed for students motivated about shaping the future of commercial space
- During the CSP students gain practical training in space finance, policy, management, technology and entrepreneurship
- Commercial Space Programs' graduates earn a 12-credit certificate after completion of all courses

The CSP provides valuable academic and real-world insights into the space economy of tomorrow.

### CSP

**8 weeks, May-July**  
Florida, USA

## EXECUTIVE SPACE COURSE



The Executive Space Courses (ESC) provide an overview of space and space-related subjects including administration, finance, law, business and management for professionals of diverse backgrounds.

- The ESC is intended for professionals working in the space sector without a broad space background or
- Professionals currently working outside the space ecosystem that want to develop a better understanding of the rapidly evolving space sector

Executive education can be tailored to specific participants and organizations and is regularly organized by ISU, in person, online or in hybrid mode.

### ESC

**1 week**  
Onsite and online around the world

## ISU FACULTY

The ISU faculty consists of more than 160 distinguished members worldwide including the ISU Central Campus faculty, visiting lecturers, associate and adjunct faculty from space agencies, industry, research organizations and academia.



## ISU AND SPACE ENTREPRENEURSHIP

Over the past 30 years, more than 110 successful space start-ups have been founded or co-founded by ISU alumni in 27 countries, some of which are now world leading "New Space" companies. To encourage entrepreneurship, ISU offers the discipline of space management and business in all its programs, covering topics such as marketing, finance, costing, technology transfer, New Space, and international project management. ISU alumni also benefit from an in-house space start-up incubator at its ISU Central Campus as well as services including coaching starting with pre-incubation and access to financing. Furthermore, ISU hosts a dedicated space policy and entrepreneurship laboratory for monitoring trends and innovation drivers in the space sector.

## ISU FACILITIES

The ISU Central Campus offers educational infrastructure as hands-on training possibilities for students: a radio telescope and optical telescopes, a satellite ground station, a concurrent engineering facility, an Excalibur-Almaz reusable orbital science spacecraft, a Self-deployable Habitat for Extreme Environments (SHÉE), a space payloads lab and a life sciences lab. Some of these tools were donated by the European Space Agency (ESA), highlighting the agency's strong support of ISU.



## ISU RESEARCH

ISU conducts research through collaborations with academia, research organizations and industry across the world, in areas such as space science and engineering, space business and policy, space exploration and architecture, human spaceflight and crew health.

## ISU SERVICES

ISU provides to its community and larger public:

- A state-of-the-art knowledge center with the largest library dedicated to space including a multimedia resource center covering all space-related disciplines
- Opportunities to conduct research
- First-class conference facilities
- A start-up incubator supported by local and international partners
- A job center

## BECOMING AN ISU DONOR

The International Space University develops the future leaders of the world space community by providing unique interdisciplinary, international and intercultural educational space programs.

**Become an ISU donor if you are passionate about preparing the next generation of space professionals that will lead humanity into a sustainable future.**

Your donation will help to keep ISU at the forefront of space education and help to develop a stellar workforce for the vibrant space sector that supports the global space economy, implements innovative space exploration endeavors, integrates space applications with the non-space sector and addresses global challenges to the benefit of citizens.

**Demonstrate your commitment to ISU and provide vital support to ISU by making a gift on ISU's website, which is tax-deductible in many countries.**

**Based on your priorities, your contribution will:**

- Empower the space workforce of tomorrow
- Enhance ISU's innovative capabilities in teaching and research
- Extend ISU's offering of scholarships to outstanding and diverse applicants worldwide

**How you can give:**

- Sponsor ISU Team projects and research infrastructure
- Give access to qualified applicants to attend ISU's unique programs to advance their career
- Make a generous one-time or recurring gift of any amount

[www.isunet.edu/donate](http://www.isunet.edu/donate)



Central Campus  
1, rue Jean-Dominique Cassini  
Parc d'innovation  
67400 Illkirch-Graffenstaden  
France  
Tel: +33 (0)3 88 65 54 30  
Fax: +33 (0)3 88 65 54 47  
[info@isunet.edu](mailto:info@isunet.edu)  
[www.isunet.edu](http://www.isunet.edu)

Follow us on



# INTERNATIONAL SPACE UNIVERSITY

