

INTERNATIONAL SPACE UNIVERSITY, A UNIQUE GLOBAL NETWORK



ISU is the sole university worldwide devoted entirely to space education since 1987. Today, ISU is operating in 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 5400 alumni shaping the international space ecosystem in 110 countries including astronauts and entrepreneurs along with current and former space industry and government leaders.

Space Courses. All ISU 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 PROGRAMS

ISU provides a cutting-edge space education for international post-graduate students and professionals as well as re-skilling and up-skilling training for the space workforce. This includes the Master of Space Studies, the Space Studies Program, the Southern Hemisphere Space Studies Program and Executive

ISU ONLINE

Since 2020, ISU has launched new online education with highly interactive and live programs with online mentorship and coaching. Several 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 aspects of our everyday lives. The space sector is increasingly integrated with other 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 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 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 graduates and professionals in industry, government and the defence services
- The SHSSP connects professionals with the international space sector
- The SHSSP aims to act as a catalyst boosting the role of space for countries in the Southern Hemisphere

Since 2011, the SHSSP provides a cutting edge space education in cooperation with UniSA in Adelaide.

SHSSP

5 weeks, January-February

Adelaide, Australia

EXECUTIVE SPACE COURSE



The Executive Space Courses (ESC) provide targeted space education for the non-space audience as well as reskilling and upskilling training for the space workforce.

- The ESC provides an overview of all space-related subjects for professionals of diverse backgrounds or targeted courses for specific training purposes
- The ESC is also aimed at 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

1-2 weeks

Onsite and online around the world

ISU FACULTY

The global 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 "NewSpace" 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 (SPEL) 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, a Self-deployable Habitat for Extreme Environments (SHEE), and space payloads, life science and policy laboratories. 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 worldwide, in areas such as space science and engineering, space exploration and architecture, human spaceflight and crew health as well as space business and policy.

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 in many space disciplines
- First-class conference facilities
- A start-up incubator supported by local and international partners <https://incubator.isunet.edu>
- A job centre

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 for 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 donate:

- 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



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