

A DYNAMIC GLOBAL NETWORK

ISU students and participants benefit from:

- ✦ the expertise of international faculty and visiting lecturers
- ✦ the strategic partnerships and global space network formed by ISU with government agencies and industry, research centers, universities, other international organizations, and worldwide alumni
- ✦ the interaction with a peer group of talented individuals attracted to ISU from around the world.

The friendships and contacts made at ISU enable great opportunities for our alumni's professional and personal lives.

ISU FACULTY

The ISU faculty consists of 150 members worldwide including central campus faculty, visiting lecturers, associate and adjunct faculty, either on detachment from space agencies or coming from industry and academia. A participant to the ISU MSS or SSP program typically engages with about 100 experts throughout the course. Experts include heads of space agencies, astronauts, decision makers in industry, government and research.

ISU FACILITIES

The ISU Central Campus offers several educational tools that broaden hands-on training possibilities for students:

- ✦ a radio telescope and optical telescopes
- ✦ a satellite ground station
- ✦ concurrent engineering
- ✦ an Excalibur-Almaz reusable orbital science spacecraft
- ✦ a Self-deployable Habitat for Extreme Environments (SHEE)
- ✦ a life sciences lab.

Some of these tools were donated by the European Space Agency (ESA), as a statement of the agency's strong support for ISU.



ISU RESEARCH

With its international network of experts on call, ISU is ideally positioned to conduct research studies to provide agencies, industry and public organizations with the impartial global perspective and advanced analysis needed to stay on the cutting edge of the space sector and respond resourcefully to future challenges.

ISU faculty and students conduct research through collaborations with institutes across the world, in areas such as space business; astronomy; space architecture and habitats; human spaceflight and crew health. The Hydra series of space payloads includes three experiments that have been launched to the International Space Station to conduct research on plant growth, radiation resilience, and the arts in space.

ISU SERVICES

ISU provides its community and the larger public with:

- ✦ a job center
- ✦ a state-of-the-art library with its multimedia resource center covering all space-related disciplines
- ✦ opportunities to conduct research studies
- ✦ co-sponsoring of projects and events
- ✦ conference facilities
- ✦ a start-up incubator supported by local and international organizations.

ISU FOR SPACE ENTREPRENEURSHIP

Over the past 30 years, more than 100 space start-ups have been founded or co-founded by ISU alumni in 27 countries with an increasing trend in recent years.

Space business and entrepreneurship are a growing part of ISU's programs and services:

- ✦ The discipline of Space Management and Business is taught in all programs and covers New Space, marketing, finance, costing, technology transfer, and international project management.
- ✦ Start-up incubator services are offered to ISU alumni, including advice and coaching to new entrepreneurs and physical space at the incubator on the ISU Central Campus.

BECOMING AN ISU DONOR

You may wish to contribute with a donation to ISU's mission of preparing the next generation of space professionals who will lead humanity in space exploration and development.

Based on your priorities, your contribution will:

- ✦ give a chance to qualified applicants to have access to ISU's unique programs
- ✦ help ISU to continue attracting the best experts from around the world to teaching and research activities
- ✦ enhance ISU's state of the art capabilities in teaching and research.
www.isunet.edu/donate



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INTERNATIONAL SPACE UNIVERSITY



Back in 1987, three visionary university students had the inspiration for “an institution dedicated to international affiliations, collaboration, and open, scholarly pursuits related to outer space exploration and development. ISU is a place where students and faculty from all backgrounds are welcomed; where diversity of culture, philosophy, lifestyle, training and opinion are honored and nurtured.”

Today, ISU is a success story with 5200 alumni shaping the international space ecosystem in 110 countries. Within two years of graduation, over 80% of these alumni have found employment in academia, space agencies or industry.

Recent developments in the global space economy, unprecedented entrepreneurial leadership, private investment, and innovative technologies provide ample opportunities for exciting endeavors and interesting jobs for ISU graduates.

ISU educates international post-graduate students and professionals to provide a trained workforce for the space sector to support the global space economy, space applications and infrastructure, bold space exploration ventures, and mitigate global challenges.

At its Central Campus in Strasbourg, France, and in partnership with other universities, ISU offers five programs based on the international, intercultural and interdisciplinary (3I's) learning.

At ISU, students, faculty, and visiting lecturers from around the world share their experience in all space-related fields including: space applications, space engineering, space humanities, human performance in space, space business and management, space policy, economics and law, and space sciences.

ISU empowers students and professionals to contribute to the dynamically expanding industrial and public space sector through engagement with 150 global faculty members and thousands of alumni from around the world.

Joining ISU means living and working in a unique international and intercultural environment and working towards a collective goal – an intense and unforgettable experience.

ISU ONLINE

Since early 2020, ISU has innovated in online education with highly interactive and live-in programs such as the Interactive Space Program (ISP) and online mentorship. Virtually all ISU programs can be delivered online in synchronous mode and still provide participants with the interactivity, professional networking and bonding for which the university is known.

MASTER OF SPACE STUDIES



The Master of Space Studies (MSS) is designed for students or experienced professionals looking for a competitive edge to support a career move into the space sector. The MSS provides excellent preparation and important advantages for those looking for careers in aerospace companies and space agencies, or seeking to become space entrepreneurs.

All Masters' students conduct an internship through the course of their studies, often among the extensive and high-profile ISU network of space agencies, partner companies and organizations.

MSS

1-2 years
Strasbourg, Central Campus, France

SPACE STUDIES PROGRAM



The Space Studies Program (SSP) offers a curriculum designed specifically for professionals starting or changing emphasis in their space careers or for persons working in space-related fields who wish to broaden their knowledge.

The SSP consists of an intensive nine-week course hosted in a different country each year with support from the local space sector. It provides courses in multiple space disciplines by distinguished lecturers, as well as hands-on education through workshops and professional visits. Participants of the SSP also work on team projects to address current and future challenges in the space sector.

SSP

9 weeks, June-August
Itinerant program, hosted each year in a different country

COMMERCIAL SPACE PROGRAM



The ISU Commercial Space Program provides students from diverse backgrounds in science, engineering, and business with an intensive series of four courses on commercial space emphasizing technical and entrepreneurial management, public-private partnership, and New Space activities.

CSP is a fully accredited twelve-hour graduate certificate program. Participants will benefit from the course's location at the heart of Florida's "Space Coast," which provides opportunities for professional visits to NASA and industrial sites.

CSP

10 weeks, May-July
Florida, USA

SOUTHERN HEMISPHERE SPACE STUD- IES PROGRAM



The ISU Southern Hemisphere Space Studies Program (SHSSP) is provided in partnership with the University of South Australia and hosted every year in Adelaide. It is designed for students, academics and professionals from all disciplines. The program is an intensive, five-week, live-in experience built around the 3-I learning philosophy for which the ISU is renowned. It includes core lectures from international and Australian experts, workshops and 'white paper' team projects led by faculty and invited experts.

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

SHSSP

5 weeks, January-February
Adelaide, Australia

EXECUTIVE SPACE COURSE



Short space courses include the Executive Space Course (ESC) and other brief courses that can be tailored to a customer or topic (such as space resources). The ESC provides an overview of space and space-related subjects, introducing professionals of diverse backgrounds to the rapidly evolving space sector.

The ESC is intended for two broad categories of professionals: those working in the space sector but who do not have a broad space background or those currently working outside the space sector who have an interest in developing a better understanding. Hosts include: ISU Central Campus, Tel Aviv, Canberra, Christchurch, Seattle and others on demand.

ESC

1 week
Onsite and online around the world