

## ISU FACILITIES

ISU is the proud owner of a number of education tools that broaden hands-on training possibilities for students. Some of these tools were donated by the European Space Agency (ESA), as a statement of the agency's strong support for the university. The equipment includes:

- ▶ a radio telescope
- ▶ a satellite ground station
- ▶ concurrent design facility
- ▶ an Almaz capsule
- ▶ a Self-deployable Habitat for Extreme Environments (SHEE)

## ISU SERVICES

ISU provides its community and larger public with:

- ▶ a state-of-the-art library. This multimedia resource center covers all aspects of the space sector
- ▶ the ability to conduct research studies
- ▶ the possibility to co-sponsor events
- ▶ a merchandising shop
- ▶ conference facilities
- ▶ a job center

## BECOMING AN ISU DONOR

Whether a company, an ISU alumnus/a, a supporter or simply a friend of ISU, we all aim to actively contribute to the support and promotion of ISU. By making a gift on ISU's website, tax-deductible in many countries, you can demonstrate your commitment to ISU, provide vital support to the university and give the chance to many qualified applicants hoping to access ISU's unique programs to hone their skills and advance their careers.

## ISU RESEARCH

As a neutral forum 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.

*"We have been supporting ISU since its beginning and continue to do so. The wealth of ideas one discovers in Team Projects, to just mention one aspect, is so refreshing and inspiring that we love to be involved in this and advise the next generations of space professionals."*

**JIM (AND LIN) BURKE,**  
Supporters

*"The SSP experience was a turning point in my life. It opened up a whole new world of opportunity that catalyzed my career and exposed me to tools and skills beyond my academic field of specialty. And since the very beginning, I have committed to giving back to ISU with time and resources so its ideals and message can move outward, and so a whole new community of talented and inspired people can enjoy the same privilege, and be inspired -- like I was."*

**BRIAN RISHIKOF,**  
USA, CEO at Odyssey Space Research, LLC,  
SSP90



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2019-2020

INTERNATIONAL SPACE UNIVERSITY





# INTERNATIONAL SPACE UNIVERSITY

## A DYNAMIC GLOBAL NETWORK

ISU, founded in 1987 by three visionary university students, specializes in the education of postgraduates and professionals to prepare them for work in an exciting, progressive sector – space! Future leaders and influential thinkers need new skills and a global perspective to prepare them to meet the challenges of a constantly evolving world.

With its Central Campus in Strasbourg, France, ISU provides an incomparable opportunity for an international, intercultural and interdisciplinary education. Students, faculty, and visiting lecturers from around the world come to ISU with experience in many fields related to the space sector, both technical – physical and life sciences, technology and engineering, applications – and non-technical – law, economics, humanities, art, policy, philosophy, history, management.

Living and working in a unique intercultural environment, sharing the daily experience of different cultural approaches to common challenges and working towards a collective goal using diverse methods – an intense and unforgettable experience!

Over the last 30 years, ISU has trained over 4600 alumni from over 105 countries working successfully in government and commercial space activities as well as in other areas in which a broad international education is an advantage.

### ISU students benefit from:

- ▶ the expertise of international faculty and visiting lecturers
- ▶ the strategic partnerships and global space information network formed by ISU with government agencies and industry, research centers, universities and other international organizations and world-wide alumni
- ▶ their peers, talented individuals attracted to ISU from around the world.

Alumni say that friendships and contacts forged at ISU are of immense benefit to their professional and personal lives.

## MASTER OF SPACE STUDIES

ISU offers a Master of Space Studies (MSS):

- ▶ in either one-year (MSS) or two-year (MSS with thesis) format
- ▶ designed for students looking for a competitive edge to begin a career move into or within the space sector, and researchers looking to make the move from academic life into the space industry.

**MSS 20** Sept. 2019 – Sept. 2020  
Strasbourg, Central Campus, France

## WHAT ARE ISU ALUMNI SAYING?

- ▶ 3Is concept, International, Interdisciplinary, Intercultural generates a special set of skills facilitating work opportunities and career advancement. ISU provides this necessary international experience and expertise
- ▶ learning in a neutral environment, ISU teaches this intercultural awareness and open-mindedness whilst broadening the perspective
- ▶ credits and partnerships with other institutions allow further education.

## SPACE STUDIES PROGRAM

ISU's Space Studies Program (SSP) consists in:

- ▶ an intensive two-month course held in a different country each year
- ▶ an overview of the various space disciplines and the opportunity to apply this knowledge in a team project
- ▶ 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 and understanding beyond their current discipline.

**SSP 19** 24 June – 23 August 2019  
Strasbourg, Central Campus, France

## FACULTY

A significant part of ISU programs are delivered by resident faculty who provide teaching and advisory support to all ISU courses. The ISU faculty consists in over 200 members including resident faculty, visiting lecturers, associate and adjunct faculty, on detachment from space agencies or coming from the private or academic world.

## SOUTHERN HEMISPHERE SPACE STUDIES PROGRAM

The Southern Hemisphere Space Studies Program (SH-SSP) is ISU's newest program offering:

- ▶ designed with a particular eye to the southern hemisphere environment and built around the themes of space applications, policy and services
- ▶ gives a well-rounded exposure to the principles and concepts involved in space science, space systems engineering and technology, space business and leadership and space legal and regulatory issues
- ▶ aims to be the catalyst to boost the role of space for countries in the southern hemisphere and those cooperating with them and build human capability and capacity.

**SH-SSP 19** 14 Jan. – 15 Feb. 2019  
Adelaide, Australia

## EXECUTIVE SPACE COURSE

ISU organizes tailored and standard short courses, such as the Executive Space Course:

- ▶ provides, over one week, a neutral and global overview of space and space-related subjects
- ▶ aimed at mainly non-technical professionals of diverse backgrounds and experience from around the world
- ▶ gives an insight into the traditional space market (telecom, navigation, earth observation...) as well as new space economy.

**ESC 19** 8 – 12 April 2019  
Strasbourg, Central Campus, France

**ESC 19** 30 Sept. – 4 Oct. 2019  
The Museum of Flight, Seattle, USA

*"SSP10 exposed me to facets of the Space industry that I would never otherwise have had the chance to see."*

**ELLIOT GREENBERG,**  
Canada, Engineer at COM DEV. International Ltd.,  
SSP10

*"Pursuing a Master of Space Studies at ISU was the best phase of my life. It paved the ways to my dreams and gave me the opportunity to connect to space enthusiasts and pioneers from the space industry across the world."*

**VIBHA SRIVASTAVA,**  
India, Medical Doctor at Medical Practice, MSS13