

The Space Studies Program (SSP), an intense two-month course for postgraduate students and professionals of all disciplines, is a unique educational experience.

The curriculum covers the principal space related fields, both non-technical and technical and ranges from law and policy, management and business and humanities to life sciences, engineering, physical sciences and space applications. The shared experience of an international, interactive working environment is an ideal networking forum leading to the creation of an extensive, international, multidisciplinary professional network by the program's alumni (numbering more than 5200 to date), faculty members and visiting lecturers. Through the exchange of ideas and information this network

has been successful in advancing projects in such areas as disaster warning and mitigation systems, human health enhancement using space technologies, and has even significantly contributed to the creation of a national space agency.

Each year the SSP is held in a different location across the globe. Moving to a new city and country adds an exciting aspect as well as new resources and local expertise to the program.



The 35th Space Studies Program will take place in :

Sao Jose dos Campos, Brazil

On-site from 26 June to 25 August 2023

Online from 26 June to 20 July 2023

The International Space University (ISU) proudly announces that the 35th annual Space Studies Program (SSP) session will convene in São José dos Campos, Brazil from 26 June to 25 August 2023.

The program will be hosted by three partners:

- the National Institute for Space Research (INPE)
- the Aeronautics Institute of Technology (ITA)
- the Municipality of São José dos Campos

With the support of the Brazilian Space Agency (AEB), the Brazilian Department of Science and Aerospace Technology (DCTA), Força Aérea Brasileira, Ministry of Science, Technology and Innovations.

Combined, these organizations represent the best in South American space research, engineering, technology, operations, and policy.

Brazil offers a thriving space eco-system. From the early 1960s the country had a rocketry and space exploration program. In cooperation with China, it now develops a series of Earth observation satellites. Those satellite applications aid the country in areas such as environmental monitoring, agriculture, natural resources monitoring, urban planning, and many others. The famous Alcântara spaceport – the closest in the world to the equator - benefits from Public-Private-Partnerships with commercial enterprises like C6 Launch, Hyperion Rocket Systems, OrionAST and Virgin Orbit, embracing NewSpace and developing new opportunities. Brazil also recently signed the Artemis Accords with the U.S. and international partners, for the joint exploration of the Moon from 2024 and Mars beyond 2030. The opportunities for Brazil and SSP23 participants are plentiful!

ISU President, Prof. Pascale Ehrenfreund concludes:

"SSP23 will be the third Space Studies Program in the Southern Hemisphere in the 35-year history of ISU - after Valparaiso, Chile in 2000 and Adelaide, Australia in 2004. Partnerships with INPE and ITA will further strengthen ISU's ties to South America."

Deadline for applications: 15 May 2023



PREFEITURA
SÃO JOSÉ DOS CAMPOS

More information: admissions@isunet.edu or on www.isunet.edu

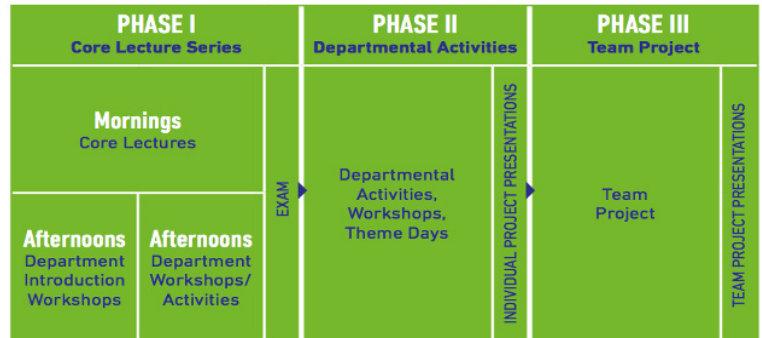
Curriculum

The interdisciplinary curriculum of the SSP, with its emphasis on international cooperation, exposes participants to broad new perspectives on the world's space activities – perspectives otherwise reserved for those with many years of diverse professional experience. The program is packed with a wide variety of activities, including lectures by renowned experts, hands-on activities and projects, team work and professional visits.

The main elements of the SSP curriculum are the core lecture series, workshops, departments and team projects.

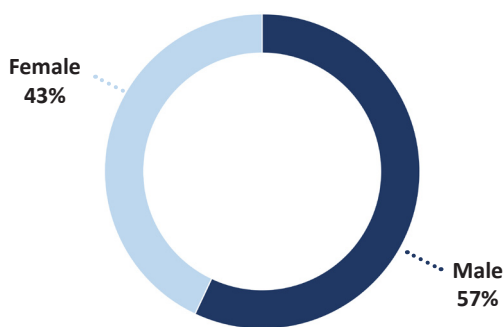
Departments include Space Engineering, Space Applications, Space Physical Science, Human Performance in Space, Space Management and Business, Space Policy, Economics and Law, and Space Humanities.

All course work at ISU is conducted in English. Each year the program evolves to better meet the needs of the participants and their employers. Students are strongly encouraged to contribute their own knowledge, experience, ideas, culture and opinions as well as their energy and enthusiasm. Reflecting on ISU's pedagogical approach and vision, interest in and respect for different cultures and backgrounds is expected from participants.

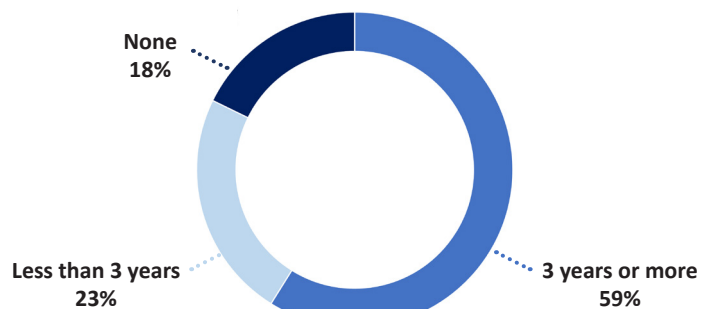


The SSP class of 2022 comprised of 107 participants from 37 countries

The gender balance and professional experience are shown in the graphics below:



SSP22 Gender



SSP22 Professional Experience

