


International

Space

University



Excellence in Space Education for a Changing World

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***The interdisciplinary and international perspective
vital to a career in Space***

**ANNOUNCEMENT OF THE CENTRAL CAMPUS
ARCHITECTURAL COMPETITION**

The Master of Space Studies Course

Whereas conventional master's courses offer specialization in a single discipline, the ISU Master of Space Studies covers the broad range of disciplines applicable to space and its utilization.

It includes all the relevant disciplines, both technical and non-technical. It focuses on the integration of these specialized areas into a coherent picture. The course is international in content and perspective and demands a personal commitment to the multicultural working environment.

Annual International Symposium

A different kind of Symposium: space technology in its economic and social context, aiming to chart realistic ways forward.

The ISU Annual International Symposium offers a neutral forum, independent of national or corporate interests, for discussion of the major issues of the day.

Summer Session

The ISU Summer Session is a 10-week intensive course covering the full spectrum of space-related disciplines, both technical and non-technical.

Participants and their employers unanimously endorse its value as a powerful professional experience, packed with dynamic encounters with colleagues from around the globe. They acquire a rapid appreciation and handling of decision-making processes in a multicultural and multidisciplinary context. The Summer Session is hosted by an institution in a different country around the world each year.

Professional Development Program

In response to requests from professionals in space-related industry, government and academic organizations, ISU offers short courses taught by experts with an international reputation, held at clients' facilities and in different ISU locations around the world.

Space and its applications:

- Earth observations, including remote sensing and Geographic Information Systems
- Earth-oriented space applications, including telecommunications and Global Positioning Systems
- space physical sciences, including astronomy, the planets and solar-terrestrial physics
- space life sciences
- space resources and processing under microgravity

Engineering, systems and technologies:

- space mission planning and systems architecture
- launch vehicles and transportation systems
- payload and spacecraft design process
- orbital mechanics
- ground segment design process
- space architecture

Management and social sciences:

- business, finance and management of space programs
- marketing
- law and policy (both international and national) related to space activities
- space and society
- risk analysis

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Summer Session Program

Past Summer Sessions

Here is a list of past summer sessions, indicating their locations, host institutions, Team Design Project(s).

Summer Session Host Institutions

Each year a new institution is welcomed into the ISU Campus System. The Summer Session Host Institution becomes an extremely important partner throughout the 18 months or more of preparatory activity for the session and a prime focus of activity during the session itself. The Host Institutions make an essential contribution to the academic vitality of ISU.

Design Projects

Select a Design Project to get its Executive Summary.

Click on ✓ to view the Design Project cover book.

SSP Year	Location	Design Project(s)
SSP 1988	Massachusetts Institute of Technology, Cambridge, MA, USA	✓ International Lunar Initiative ganization (ILIO).
SSP 1989	Universit̃ Louis Pasteur, Strasbourg, France	✓ ARTEMIS – An International Lunar Polar Orbiter; ✓ Newton: Variable Gravity Research Facility.
SSP 1990	York University and the Institute for Space and Terrestrial Studies, Toronto, Canada	✓ International Asteroid Mission (IAM); ✓ International Program for Earth Observations (IPEO).
SSP 1991	Ecole National de l'Aviation Civile et Formation Internationale Āronautique et Spatiale, Toulouse, France	✓ International Mars Mission (IMM).
SSP 1992	Kitakyushu International Conference Center, Kitakyushu, Japan	✓ ISUnet; ✓ Space Solar Power Program (SSPP).
SSP 1993	University of Alabama in Huntsville, AL, USA	✓ Global Emergency Observation and Warning (GEOWARN); ✓ International Lunar Farside Observatory and Science Station (ILFOSS).
SSP 1994	Universitat Autònoma de Barcelona, Spain	✓ Global Access Tele-health and Education System (GATES); ✓ Solar System Exploration Program (SSE).
SSP 1995	Royal Institute of Technology, Stockholm, Sweden	✓ Earth's Polar Regions: Observation, Protection, and Applications; ✓ Vision 20/20.
SSP 1996	Austrian Society for Aerospace Medicine, Vienna, Austria	✓ Distant Operational Care Centre (DOCC); ✓ Ra: the Sun for Science and Humanity.
SSP 1997	Rice University, Houston, Texas – USA	✓ Technology Transfer ✓ International Strategies for the Exploration of Mars