

AGENCY

Participate in ESA Academy's very first CubeSat Summer School

24/01/2022 25485 VIEWS 67 LIKES

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In brief

Do you want to participate in a CubeSat project, but don't know where to start? Or is your dream to have a career in the space sector, but you're not sure what skills you need or which space-related subjects to specialise in? If so, [ESA Education Office's latest initiative, the CubeSat Summer School 2022](#), is for you! Taking place over four weeks from 8 August to 2 September 2022 at ESEC-Galaxia (Transinne, Belgium), **applications are now open for university students with engineering and physics backgrounds**.

In-depth

During the Summer School, ESA and external experts will deliver an extensive mix of lectures and hands-on activities. The entire project lifecycle of a satellite mission will be covered, from design to verification, launch and operations, including typical milestone reviews and new methodologies. Students will be introduced to project management best practices, legal, cybersecurity, and economic aspects of space projects. The Summer School will even introduce space entrepreneurship skills, offering support in devising methods of turning a CubeSat into a viable and profitable business opportunity!

Upon completing the CubeSat Summer School 2022, participating students will have gained the multidisciplinary knowledge and skills needed to undertake CubeSat or other space-related projects, be confident with engineering and project management standards, and be better prepared to join the European space sector.

More information is available in the [CubeSat Summer School description](#).

Who can apply?

To participate, students must fulfil the following criteria at the time of application:

- aged a minimum of 18 years old; ESA Academy will only appraise applications from students who have no or limited professional experience in relevant scientific, engineering or other space-related topics;
- be a citizen of an [ESA Member State](#), Canada, Latvia, Lithuania or Slovenia;
- be enrolled as a 2nd/3rd/4th year Bachelor, Master, or PhD student in a university for the academic year 2021-2022;
- be studying an engineering or physics subject with basic knowledge in space science and technology.

Students interested in starting a CubeSat project, or participating in an ongoing CubeSat project at their university, are encouraged to apply to this Summer School.

— Students from the EIRSAT team performing functional checks in the CubeSat Support Facility.

— Students performing experiments on their ESAT, supervised by trainers.

At ESA, we value diversity and welcome people with disabilities. Whenever possible, we seek to accommodate individuals with disabilities by providing the necessary support during the Summer School. ESA can also provide assistance throughout the application process and the Summer School preparation. If you would like to discuss this further, please contact tlp@esa.int.

The selected students are required to attend the full four weeks of the Summer School, and will be sponsored by ESA Education Office. This sponsorship covers accommodation for the full duration at a local hotel, meals during the weekdays, and up to 300 Euros for travelling to and from ESEC-Galaxia, Belgium.

CubeSat Summer School Overview

Week 1: Fundamentals 8 August – 12 August	Space Systems Engineering CubeSats and their subsystems Hands-on Practice with Educational Satellite Models
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