



# ROMANIAN SPACE INITIATIVE

## WHO ARE WE?

The Romanian Space Initiative (ROSPIN) is a Non-Governmental Organisation (NGO) with the vision to create a **united community** of individuals with **similar aspirations** regarding the space sector. ROSPIN has the mission to develop the **Romanian Space Ecosystem** through various activities such as **educational programmes, hands-on projects and workshops**, as well as **community events**.

## THE ACADEMY EXPERIENCE

The central vision for the ROSPIN Academy educational programme is to continuously **make space attractive** to Romanian University students, to offer them a context to **understand the sector's complexity, depth and level of international collaboration**, as well as **to prepare them to join the sector**.

## THE ACADEMY JOURNEY

ROSPIN Academy is spread across **3 Levels** that are coordinated with the least busy periods during a University calendar year. Reaching its 3rd Edition, the ROSPIN Academy educational programme is composed of:

### LEVEL 1 – Intro to the Space Sector – Oct & Nov 2022

Participants will have the chance to discover the space sector from different high-level perspectives and to find out how to build a career steered towards space in the first Academy level.

### LEVEL 2 – Lifecycle of a Space Mission – Mar & Apr 2023

The second Academy level will unfold a more technical overview for participants to grasp the different aspects and activities that are relevant in each mission phase, in order to successfully design, build, launch and operate a spacecraft.

### LEVEL 3 – Mission Design Workshop with Industry – Summer 2023

The most astute participants will gain a more specialised experience with spacecraft engineering through a space mission design workshop, organised in collaboration with local and international industry professionals in the final Academy level.



## FORMAT

The 1st Level of this 3rd Academy Edition will be delivered following a **hybrid approach**, which combines **pre-recorded Lessons** with some **live meeting sessions**. This gives you the flexibility of making your own schedule. Note that each week you will have to complete quizzes based on the lectures which are essential in getting a full experience and in getting the Certificate of Completion.



## WHO IS THIS FOR?

This opportunity is **steered towards Romanian undergraduate, graduate and PhD students** from technical Universities that are eager to learn about spacecraft engineering and are interested to enter the expanding space industry. We also welcome students from other fields such as Medicine, Law, Economics, Business, etc. who might discover an interest in specific areas of the space sector. Level 1 aims to offer a general overview of space and the main directions of research and development in this field.

## WHAT IS IN IT FOR YOU?

A modern, fresh and unique learning experience, designed for those of you who are **inspired by the space sector** and want to discover where you could **fit in this industry**. You will also get the chance to **interact directly** with many national and international professionals, researchers and experts of the field and ask questions regarding their experience.

At the end of Level 1 you can be awarded a **Certificate of Completion based on the following criteria**: you will be required to complete all the quizzes with a passing grade and submit a final assignment - more details are TBC and will be announced at the start of the course.

## WHO IS TEACHING?

**European professionals** from the space **industry and academia** will deliver the Lessons. You will meet **both young graduates and experienced specialists** from the respective fields.



**OCTOBER 26TH**  
**NOVEMBER 23RD**

The hybrid format allows participants to watch the Lessons in their own time, while maintaining direct contact with the speakers through the dedicated platform for this course, as well as during the 3 live sessions.



**LIVE  
SESSION 1** ROSPIN Academy  
Level 1 Kick-off  
**26 Oct**

**LESSON 2** The Past, Present  
and Future of  
the Space Sector  
(Recorded)  
**01 Nov**

**LIVE  
SESSION 2** Careers in Space  
& Roundtable of  
Romanian Young  
Professionals  
**9 Nov (TBC)**

**LESSON 5** Space Law  
(Recorded)  
**15 Nov**

**LIVE  
SESSION 3** Closing and Live  
Q&A with  
Speakers  
**23 Nov (TBC)**



Intro to  
Astronomy  
(Recorded)  
**27 Oct**  
**LESSON 1**

Space Education  
(Recorded)  
**03 Nov**  
**LESSON 3**

Space Sustainability  
(Recorded)  
**10 Nov**  
**LESSON 4**

Humans in Space  
(Recorded)  
**17 nov**  
**LESSON 6**





**I'M INTERESTED, HOW CAN I APPLY?**

Fill in this form  
by 23:59 on 16th Oct  
and we will do our best  
to get back to you  
by the 21st Oct.



## **ELIGIBILITY CRITERIA FOR LEVEL 1 OF THIS 3RD EDITION:**

- You have to be **enrolled at University** (technical or non-technical) **during the period of Level 1 (Oct - Nov 2022)**, either at Bachelor's, Master's or PhD level
- You are **not eligible** to apply now if you **were enrolled in the 1st Edition** of ROSPIN Academy (which took place in Mar - May 2021)
- You are **not eligible** to apply now if you **were enrolled in Level 1 of the 2nd Edition** of ROSPIN Academy (which took place in Oct - Nov 2021)
- You are **eligible** to apply now if you **were enrolled only in Level 2 of the 2nd Edition** (Apr - May 2022)

**Important note: starting with this 3rd Edition, you will need a Certificate of Completion from Level 1 in order to be eligible for Levels 2 and 3!**