



University of Rijeka  
**FACULTY OF MARITIME STUDIES**

International Summer School on  
Unmanned Aircraft Systems in Traffic  
Applications

# **ASTRA 2023**



26 - 30 June 2023

University of Rijeka, Faculty of Maritime Studies  
Rijeka, Croatia

The Erasmus+ programme 2021-2027 introduces new Blended Intensive Programmes (BIP) as alternative international mobility for students and academic staff.

In June 2023, the University of Rijeka, Faculty of Maritime Studies, organizes 3 ECTS "International Summer School on Unmanned Aircraft Systems in Traffic Applications – ASTRA 2023" BIP for students and academic staff.

BIP combines short-term physical mobility with a virtual component, making Erasmus mobility more flexible. Students participating in BIP can maintain their study plans at their home institution and include BIP as a parallel activity. Short-term online and physical mobility (one week in Croatia) will constitute the only period outside their home institution. Therefore, students should credit the BIP to their study plans, as in the case of traditional Erasmus mobility.

There is no tuition fee for the ASTRA Summer School.

Applying for Erasmus grant:

The Erasmus BIP grant provided by home institution covers accommodation and travel costs for the physical event in Rijeka. The International Relations Offices of the home institutions will provide students and academic staff with all information regarding the Erasmus BIP grants.



**Dates:**

Virtual part: 21 June 2023

Physical part: 26 - 30 June 2023

**Credits:** 3 ECTS

**School language:** English

**Number of participants:** 20 students and academic staff

**Organizer:** University of Rijeka, Faculty of Maritime Studies

**Erasmus code:** HR RIJEKA01

**Venue:** Rijeka, Croatia

**Organizing committee:**

Prof. Irena Jurdana, PhD

Assist. Prof. Nikola Lopac, PhD

Tomislav Krljan, MSc

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**ABOUT:**

Are you an enthusiast of modern technologies? Do you want to get theoretical and practical knowledge on operating an Unmanned Aircraft Vehicle (UAV), planning a flight mission for traffic analysis, and integrating UAV with LiDAR and thermal camera for a specific analysis? Then you are the right person to join us in Rijeka, Croatia, and participate in our BIP International Summer School on Unmanned Aircraft Systems in Traffic Applications – ASTRA 2023. As UAVs have become part of everyday life, this technology is experiencing continuous development. At the same time, its integration with various sensors allows its expansion into multiple applications. The Summer school will acquaint you with the most important principles, allow you to connect with colleagues of similar interests, and prepare you for the first step to entering this exciting field. The applications are open to interested undergraduate, graduate, and PhD students of various fields and academic staff.

