ERASMUS+
EU programme for education, training, youth and sport

Incoming student mobility

Name of UNIOS University Unit:

COURSES OFFERED IN A FOREIGN LANGUAGE FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS

Department or Chair within the UNIOS Unit	Department for materials and structures

Study program	Graduate University Study in Civil Engineering

Study level	2nd cycle (master)

Course title	Bridges I
Course code (if any)	21162
Language of instruction	English
Brief course description	The course introduces students to the fundamental types of bridges, their structural components, and basic design principles. Students develop the ability to select appropriate structural systems and cross-sections, apply relevant design standards and regulations, and independently determine permanent and traffic loads. Particular emphasis is placed on developing practical skills in the structural analysis and design of reinforced-concrete beam bridges.
Form of teaching	Lectures ex cathedra, individual or group consultations, case studies
Form of assessment	Written and oral exam (colloquia during the classes)
Number of ECTS	6,5 ECTS
Class hours per week	3+2+0 (Lectures + Practical Work + Seminars)
Minimum number of students	The teaching method for incoming Erasmus mobility students will vary depending on the number of students enrolled in each course. The academic department responsible for the course will communicate the details of the teaching method to students before the start of the academic term. Incoming students are encouraged to review the course description carefully to understand the teaching method and requirements. For the ex-cathedra teaching method, a minimum of 10 students is required to ensure the course is educationally sustainable. In addition,

	each student must possess at least a B1 level of English proficiency according to the Common European Framework of Reference for Languages (CEFR). If the minimum number of students is not met, the course will be organised using more individualised teaching methods in consultation with the professor. These methods may include project-based, case-based, individualised learning plans, one-on-one tutoring, flipped classroom, and hybrid approaches. There is no requirement regarding English proficiency for the individualised approach teaching methods.
Period of realization	Winter semester (Third semester)
Lecturer	Hrvoje Draganić