

**Incoming student mobility**Name of UNIOS University Unit: **FACULTY OF CIVIL ENGINEERING OSIJEK****COURSES OFFERED IN FOREIGN LANGUAGE  
FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS**

<b>Department or Chair within the Faculty</b>	<b>Department of Technical Mechanics</b>
<b>Study program</b>	<b>Civil Engineering- Structures</b>
<b>Study level</b>	2 <sup>nd</sup> cycle –graduate study
<b>Course title</b>	Theory of plates and shells
<b>Course code</b>	2.05-211
<b>Language of instruction</b>	<b>Croatian, English</b>
<b>Course description</b>	Forms and types of plates and shells. Available solution methods. Membrane and bending theories. Numerical methods. Method of finite differences. Method of finite elements. Plates, folded-plate structures. Shells. Practical examples.
<b>Form of teaching</b>	<b>lectures, numerical examples</b>
<b>Form of assessment</b>	<b>colloquia, seminar work, exam</b>
<b>Number of ECTS</b>	<b>6</b>
<b>Class hours per week</b>	<b>3 lectures + 2 exercises</b>
<b>Minimum number of students</b>	<b>10</b>
<b>Period of realization</b>	Summer semester
<b>Lecturer</b>	Assist. Prof. Dr. Davorin Penava