

Incoming student mobility**Name of UNIOS University Unit: Mechanical Engineering Faculty in Slavonski Brod****COURSES OFFERED IN FOREIGN LANGUAGE
FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS**

Department or Chair within the UNIOS Unit	Department of Industrial Engineering
Study program	Mechanical Engineering
Study level	Graduate (master)
Course title	Materials Management
Course code (if any)	P 921
Language of instruction	English
Brief course description	A high level of materials costs in total production costs emphasizes importance of materials management discipline. Therefore, the main objective of this course is to focus on materials preparation and management activities emphasizing on the information and documentation flow about material. Following themes will be discussed: planning of required material quantity for particular products and services; ordering of required material quantity and selecting the most appropriate supplier; inventory control and classification; materials documentation. Possibilities of optimization and rationalization as well as computer support to materials management also have been covered in the course. Therefore, the course also includes: the selection of optimum variant of raw material and manufacturing process by the application of quantitative methods with the main aim of cost decreasing and materials utilization increasing; computer supported materials management (databases, appropriate modules of informational systems).
Form of teaching	Lectures and exercises
Form of assessment	Course based assessment; Written and oral exam
Number of ECTS	5
Class hours per week	2 hours of lectures + 2 hours of exercises

ERASMUS+

EU programme for education, training, youth and sport

Minimum number of students	5
Period of realization	Summer semester
Lecturer	Assoc. Prof. Dr. Katica Šimunović