Incoming student mobility

Name of UNIOS University Unit: SCHOOL OF APPLIED MATHEMATICS AND INFORMATICS

COURSES OFFERED IN FOREIGN LANGUAGE FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS

School of Applied Mathematics and Informatics
Undergraduate university study programme in Mathematics
Undergraduate (Bachelor)
Set Theory
M106
English
 Syllabus. Axioms of the empty set, of the partitive set and of the union. Cartesian product and axiom of the pair. Set of the natural numbers and Peanno's axioms. Relations. Equipotent sets. Cantor-Schroeder-Bernstein theorem. Finite and infinite sets. Countable and uncountable sets. Axioms of the set theory. Axiom of choice and Zorn's lemma. Partially ordered sets and well ordered sets.
Consultative teaching.
Attendance at lectures and exercises is required. The exam consists of written and oral part, and can be taken after completion of lectures and exercises. During the semester students can take colloquiums that replace the written examination.
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1+1+0

ERASMUS+

EU programme for education, training, youth and sport

Period of realization	Summer semester
Lecturer	Mihaela Ribičić Penava