



UNIVERSITY OF THE AEGEAN
Office of International Academic
Programmes/ERASMUS+
Administration Building, University Hill
81100 – Mytilene - Greece
Tel.: +30 2251036167, 36118
Email: erasmus@aegean.gr

Karlovasi, 16.06.2023

DEPARTMENT OF MATHEMATICS
SCHOOL OF MATHEMATICS

Spring/Autumn semester - Academic Year 2023-2024

Courses offered							
Bachelor's degree							
Course Code	Course Title	Semester	ECT S	Study Cycle	Language of Instruction	Reading Courses	Language(s) of Reading Courses
311-0540	SETS AND NUMBERS	1	9	B.D.*	Greek	√	English
311-0010	CALCULUS I	1	9	B.D.*	Greek	√	English
311-3900	FUNDAMENTALS OF MATHEMATICS	1	9	B.D.*	Greek	√	English
311-3950	INTRODUCTION TO ANALYTIC GEOMETRY	1	4,5	B.D.*	Greek	√	English
311-0190	TOPOLOGY OF METRIC SPACES	3	9	B.D.*	Greek	√	English
311-0550	CALCULUS III	3	9	B.D.*	Greek	√	English
311-0080	LINEAR ALGEBRA II	3	9	B.D.*	Greek	√	English
311-0100	PROGRAMMING LANGUAGES	3	6	B.D.*	Greek	√	English

311-0180	DISCRETE MATHEMATICS	3	6	B.D.*	Greek	√	English
311-0560	PHYSICS I	5	9	B.D.*	Greek	√	English
311-0290	ANALYSIS	5	9	B.D.*	Greek	√	English
311-0200	NUMERICAL ANALYSIS	5	6	B.D.*	Greek	√	English
311-1050	NUMBER THEORY	5	6	B.D.*	Greek	√	English
311-2850	HISTORY OF EUCLIDEAN AND NON-EUCLIDEAN GEOMETRIES	5	6	B.D.*	Greek	√	English
311-0310	ORDINARY DIFFERENTIAL EQUATIONS II	5	4,5	B.D.*	Greek	√	English
311-2450	FUNDAMENTAL SET THEORY	5	4,5	B.D.*	Greek	√	English
311-0920	MATHEMATICAL SOFTWARE	5	4,5	B.D.*	Greek	√	English
311-0220	PARTIAL DIFFERENTIAL EQUATIONS	7	6	B.D.*	Greek	√	English
311-0230	STATISTICS	7	6	B.D.*	Greek	√	English
311-1400	TOPICS IN ANALYSIS	7	4,5	B.D.*	Greek	√	English
311-3100	ADVANCED PROGRAMMING LANGUAGES	7	6	B.D.*	Greek	√	English
311-2350	NEW TECHNOLOGIES IN EDUCATION	7	6	B.D.*	Greek	√	English
311-1950	SCIENTIFIC COMPUTING	7	6	B.D.*	Greek	√	English
311-1250	CODING THEORY	7	4,5	B.D.*	Greek	√	English
311-0070	CALCULUS II	2	9	B.D.*	Greek	√	English
311-0030	LINEAR ALGEBRA I	2	9	B.D.*	Greek	√	English
311-0040	INTRODUCTION TO INFORMATICS	2	9	B.D.*	Greek	√	English
311-0570	CALCULUS IV	4	9	B.D.*	Greek	√	English
311-0130	ORDINARY DIFFERENTIAL EQUATION I	4	9	B.D.*	Greek	√	English

311-0020	ALGEBRA	4	9	B.D.*	Greek	√	English
311-0110	LINEAR PROGRAMMING	4	6	B.D.*	Greek	√	English
311-3500	AXIOMATIC GEOMETRY	4	6	B.D.*	Greek	√	English
311-0150	PROBABILITIES I	6	9	B.D.*	Greek	√	English
311-0250	COMPLEX ANALYSIS	6	9	B.D.*	Greek	√	English
311-0320	DIFFERENTIAL GEOMETRY	6	9	B.D.*	Greek	√	English
311-0260	CLASSICAL MECHANICS	6	6	B.D.*	Greek	√	English
311-0500	GALOIS THEORY	6	6	B.D.*	Greek	√	English
311-0330	MATHEMATICAL LOGIC	6	6	B.D.*	Greek	√	English
311-2000	CRYPTOGRAPHY	6	6	B.D.*	Greek	√	English
311-2300	DIDACTIC OF EUCLIDEAN GEOMETRY	6	6	B.D.*	Greek	√	English
311-0245	GENERAL TOPOLOGY	8	6	B.D.*	Greek	√	English
311-0300	FUNCTIONAL ANALYSIS	8	6	B.D.*	Greek	√	English
311-0440	STOCHASTIC PROCESSES	8	6	B.D.*	8Greek	√	English
311-1000	PHYSICS II	8	6	B.D.*	Greek	√	English
311-2400	HISTORY OF MATHEMATICAL EDUCATION	8	4,5	B.D.*	Greek	√	English
311-2500	TOPICS IN ALGEBRA	8	4,5	B.D.*	Greek	√	English
311-3250	THEORY AND PRACTICE IN MATHEMATICS TEACHING	8	4,5	B.D.*	Greek	√	English
	Master of Science degree						
313-1102	DIFFERENTIAL GEOMETRY	Autumn semester	7.5	M.Sc.	Greek	√	English
313-1107	FUNCTIONAL ANALYSIS	Autumn semester	7.5	M.Sc.	Greek	√	English
313-1213	NUMERICAL ANALYSIS	Autumn semester	7.5	M.Sc.	Greek	√	English
313-1302	HISTORY OF	Autumn	7.5	M.Sc.	Greek	√	English

	MATHEMATICS	semester					
313-1206	STATISTICS	Autumn semester	7.5	M.Sc.	Greek	√	English
313-1114	GRADUATE ALGEBRA	Autumn semester	7.5	M.Sc.	Greek	√	English
313-1103	OPERATOR THEORY	Spring semester	7.5	M.Sc.	Greek	√	English
313-1101	ALGEBRAS AN LIE GROUPS	Spring semester	7.5	M.Sc.	Greek	√	English
313-1205	PARTIAL DIFFERENTIAL EQUATIONS	Spring semester	7.5	M.Sc.	Greek	√	English
313-1108	TOPOLOGY	Spring semester	7.5	M.Sc.	Greek	√	English
313-1202	DYNAMICAL SYSTEMS	Spring semester	7.5	M.Sc.	Greek	√	English
313-1204	MATHEMATICAL PHYSICS	Spring semester	7.5	M.Sc.	Greek	√	English
313-1301	DISCRETE MATHEMATICS	Spring semester	7,5	M.Sc.	Greek	√	English
313-1303	MATHEMATICAL LOGIC	Spring semester	7,5	M.Sc.	Greek	√	English

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**M.Sc.: Master of science degree