

MASTER OF SCIENCE DEGREE IN MATHEMATICS
ACADEMIC YEAR: 2020-2021

Nr.	Subjects	Activity Type	Lectures	Seminars	Laboratories	Total	Lectures	Seminars	Laboratories	Total	Practice	Annual total	Credits	Evaluation forms
YEAR 1			1st Semester				2nd Semester							
1	Topological Groups	A	2	2		60						60	6	P
2	Mathematical Logic	A	2	1		45						45	4	V
3	Probability and Statistics	B					2	2		60		60	6	P
4	Geometry	A	1	1		30	2	2		60		90	9	P
5	Differential Equations	B	3	3		90						90	9	P
6	Hilbert Analysis	A					2	2		60		60	6	P
7	Algebra	A	1	1		30	3	1		60		90	9	P
8	Integrated Module 1	D					2	2		60		60	6	P
9	Foreign Language 1	E		3		45				0		45	5	V
Total amount of hrs/ECTS in the 1st year:			9	11		300	11	9		300		600	60	
YEAR 2			SEMESTRI III				SEMESTRI IV							
1	Game Theory	B	2	2		60						60	6	P
2	Supplements of Topological Dynamics	C	2	2		60						60	6	P
3	Introduction to Coding Theory and	E	2	2		60						60	6	P
4	Topology and Integration	B	2	2		60						60	6	P
5	Integrated Module 2	D	2	2		60						60	6	V
	Diploma exam	F										300	30	P
Total amount of hrs/ECTS in the 2nd year:			10	10		300						600	60	
TOTAL						600						1200	120	
ELECTIVE SUBJECTS														
I/7	Topics in numerical analysis	D					1	1		30		30	3	V
I/7	complex analyses 2	D					1	1		30		30	3	V
I/7	Topics in informatics	D					1	1		30		30	3	V
I/7	Combinatorics	D					1	1		30		30	3	V
I/7	Topics in functional analysis	D					1	1		30		30	3	V
I/7	Introduction to topological algebra	D					1	1		30		30	3	V
I/7	Radicals and rings	D					1	1		30		30	3	V
I/7	Topics in Geometry	D					1	1		30		30	3	V
II/5	Group Theory	D	1	1		30						30	3	V
II/5	Galois Theory	D	1	1		30						30	3	V
II/5	Theory of modules and rings	D	1	1		30						30	3	V
II/5	Equations of mathematical physics	D	1	1		30						30	3	V
II/5	Special spaces	D	1	1		30						30	3	V
II/5	Topological vector spaces	D	1	1		30						30	3	V
II/5	Foreign language 2	D	2	2		60						60	6	V
II/5	Free module	D	1	1		30						30	3	V

Note : P = Exam; V = Through Semester Evaluation, Integrated Module 1 is an elective course (2 modules out of 8), Integrated Module 2 is an elective course (2 modules out of 8).
Moduli i Integruar 1 është lëndë me zgjedhje (2 module nga 8), Moduli i Integruar 2 është lëndë me zgjedhje (2 module nga 8).

Head of the Department of Mathematics
Prof. Artur BAXHAKU

Dean of the Faculty
Prof. Spiro DRUSHKU