UP FAMNIT, ACADEMIC YEAR 2023/2024

STUDY PROGRAMME: MATHEMATICAL SCIENCES (2nd bologna cycle), in English

Course	ECTS credits	Course description	Possible to choose as	Course leader	Language	Semester
BASIC COURSES						
Mathematical Practicum	6	**BC (basic)**	BC, IS, ES	Karla Ferjančič	English	autumn
Selected Topics in Algebra I	6	**BC (basic)**	BC, IS, ES	Edward Tauscher Dobson	English	autumn
Selected Topics in Financial Mathematics I	6	**BC (basic)**	BC, IS, ES	Mihael Perman	Slovene	spring
Selected Topics in Discrete Mathematics I	6	**BC (basic)**	BC, IS, ES	Istvan Kovacs	English	spring
Selected Topics in Cryptography I	6	**BC (basic)**	BC, IS, ES	Enes Pasalic	English	spring
ELECTIVE COURSES						
Selected Topics in Theory of Finite Geometries	6	IS (internal)	IS, ES	Gyorgy Kiss	English	autumn
Theory of Permutation Groups	6	IS (internal)	IS, ES	Istvan Kovacs	English	autumn
Coding Theory	6	IS (internal)	IS, ES	Enes Pasalic	English	autumn
Graph Algorithms	6	ES (external)	ES	Martin Milanič	English	autumn
Symmetry and Traversability in Graphs	6	IS (internal)	IS, ES	Edward Tauscher Dobson	English	autumn
Probability with Measure I	6	IS (internal)	IS, ES	Mihael Perman	Slovene/English	autumn
Cryptographic Hash Functions and Block Chains	6	IS (internal)	IS, ES	Nastja Cepak	English	spring, consultations
Selected Topics in Number Theory	6	IS (internal)	IS, ES	Štefko Miklavič	English	spring
Game Theory	6	IS (internal)	IS, ES	Aljaž Ule	Slovene	spring
Selected Topics in Numerical Mathematics	6	IS (internal)	IS, ES	Vito Vitrih	English	spring
Selected Topics in Mathematical Statistics I	6	IS (internal)	IS, ES	Mihael Perman	English	spring
Selected Topics in Topology	6	IS (internal)	IS, ES	Štefko Miklavič	English	spring

SUBSEQUENT CHANGES OF OFFERED COURSES:

Possible subsequent changes of the offered courses will be published on Faculty website. Please follow the published information on the Faculty website.