

UP FAMNIT: Podatki o izvedbi predmetov in smeri v univerzitetnem študijskem programu 1. stopnje MATEMATIKA v študijskem letu 2018/2019

OBJAVA: 5.6.2018

(Študent izbere smer študija ob vpisu v 3. letnik študijskega programa.)*

PREDLGO IZBORA ZA 3. LETNIK GLEDE NA ŽELENO SMER ŠTUDIJA	TEORETIČNA MATEMATIKA	KRIPTOGRAFIJA	DISKRETNÁ MATEMATIKA	SPLOŠNA MATEMATIKA
Matematično modeliranje (OBVEZNI)	Matematično modeliranje (letni semester, EN, SI-konzultacije)	Matematično modeliranje (letni semester, EN, SI-konzultacije)	Matematično modeliranje (letni semester, EN, SI-konzultacije)	Matematično modeliranje (letni semester, EN, SI-konzultacije)
Notranje izbirni predmet I	Osnove statistike (zimski semester, EN, SI)	Osnove statistike (zimski semester, EN, SI)	Algebráična teorija grafov (letni semester, EN, SI-konzultacije)	Osnove statistike (zimski semester, EN, SI)
Notranje izbirni predmet II	Topologija (letni semester, EN)	Kriptografija in računalniška varnost (letni semester, EN, SI)	Osnove statistike (zimski semester, EN, SI)	Funkcionalna analiza (zimski semester, EN)
Notranje izbirni predmet III	Funkcionalna analiza (zimski semester, EN)	Simetrične šifre (zimski semester, EN)	Teorija kodiranja (letni semester, EN)	Permutacijske grupe (zimski semester, EN)
Notranje izbirni predmet IV	Permutacijske grupe (zimski semester, EN)	Teorija kodiranja (letni semester, EN)	Teorija števil (letni semester, EN)	Diferencialne enačbe (1. kvartal, EN)
Notranje izbirni predmet V	Teorija števil (letni semester, EN)	Teorija števil (letni semester, EN)	predmeti bloka s konzultacijami **	Teorija mere (letni semester, EN)
Notranje izbirni predmet VI	Teorija mere (letni semester, EN)	Algebráična teorija grafov (letni semester, EN, SI-konzultacije)	predmeti bloka s konzultacijami **	Teorija kodiranja (letni semester, EN)
Notranje izbirni predmet VII	Diferencialne enačbe (1. kvartal, EN)	Permutacijske grupe (zimski semester, EN)	predmeti bloka s konzultacijami **	Teorija števil (letni semester, EN)
Zunanje izbirni predmet II	po lastnem izboru	po lastnem izboru	po lastnem izboru	po lastnem izboru
Zunanje izbirni predmet III	po lastnem izboru	po lastnem izboru	po lastnem izboru	po lastnem izboru

Priporočila za izbor v okviru zunanje izbirnih predmetov	Seminar - Uvod v raziskovalno delo (letni semester, EN, SI)	TOR III - Teorija informacij (RIN)	Napredno modeliranje v psihologiji (PBP)	Teorija iger (MF)
	Programiranje III - Vzoredno programiranje (RIN)	Programiranje III - Vzoredno programiranje (RIN)	Podatkovne strukture in algoritmi (RIN)	Programiranje III - Vzoredno programiranje (RIN)
	Algebráična teorija grafov (letni semester, EN, SI-konzultacije)	Podatkovne strukture in algoritmi (RIN)	Seminar - Uvod v raziskovalno delo (letni semester, EN, SI)	Algebráična teorija grafov (letni semester, EN, SI-konzultacije)
	Stohastični procesi I (MF)			Finančna matematika (MF)

* S študijskim letom 2018/19 bo pričela veljati sprememba študijskega programa, in sicer bodo študenti izbrali smer študija ob vpisu v 3. letnik.

** Študent se za izvedbo predmeta s konzultacijami dogovori z nosilcem predmeta.

UP FAMNIT: Courses and study fields in the undergraduate study programme MATHEMATICS in the academic year 2018/2019

PUBLISHED: 5 June 2018

(The student decides which study field to follow at the enrolment in the 3rd year of study.)*

SUGGESTED CHOICE OF COURSES FOR THE 3RD YEAR OF STUDY REGARDING THE STUDY FIELD	THEORETICAL MATHEMATICS	CRYPTOGRAPHY	DISCRETE MATHEMATICS	GENERAL MATHEMATICS
Mathematical Modelling (COMPULSORY)	Mathematical Modelling (2nd semester, EN, SI-consultations)	Mathematical Modelling (2nd semester, EN, SI-consultations)	Mathematical Modelling (2nd semester, EN, SI-consultations)	Mathematical Modelling (2nd semester, EN, SI-consultations)
Internal elective course I	Introduction to Statistics (1st semester, EN, SI)	Introduction to Statistics (1st semester, EN, SI)	Algebraic Graph Theory (2nd semester, EN, SI-consultations)	Introduction to Statistics (1st semester, EN, SI)
Internal elective course II	Topology (2nd semester, EN)	Cryptography and Computer Safety (2nd semester, EN, SI)	Introduction to Statistics (1st semester, EN, SI)	Functional Analysis (1st semester, EN)
Internal elective course III	Functional Analysis (1st semester, EN)	Symmetric Codes (1st semester, EN)	Coding Theory (2nd semester, EN)	Permutation Groups (1st semester, EN)
Internal elective course IV	Permutation Groups (1st semester, EN)	Coding Theory (2nd semester, EN)	Number Theory (2nd semester, EN)	Differential Equations (1st quarter, EN)
Internal elective course V	Number Theory (2nd semester, EN)	Number Theory (2nd semester, EN)	course from the core of the study field - with consultations **	Measure Theory (2nd semester, EN)
Internal elective course VI	Measure Theory (2nd semester, EN)	Algebraic Graph Theory (2nd semester, EN, SI-consultations)	course from the core of the study field - with consultations **	Coding Theory (2nd semester, EN)
Internal elective course VII	Differential Equations (1st quarter, EN)	Permutation Groups (1st semester, EN)	course from the core of the study field - with consultations **	Number Theory (2nd semester, EN)
External elective course II	student's choice	student's choice	student's choice	student's choice
External elective course III	student's choice	student's choice	student's choice	student's choice

Recommendations for the external elective courses	Seminar - Introduction to Research Work (2nd semester, EN, SI)	TOR III - Information Theory (RIN)	Advance Modeling in Psychology (PBP)	Game Theory (MF)
	Programming III - Concurrent Programming (RIN)	Programming III - Concurrent Programming (RIN)	Data Structures and Algorithms (RIN)	Programming III - Concurrent Programming (RIN)
	Algebraic Graph Theory (2nd semester, EN, SI-consultations)	Data Structures and Algorithms (RIN)	Seminar - Introduction to Research Work (2nd semester, EN, SI)	Algebraic Graph Theory (2nd semester, EN, SI-consultations)
	Stochastic processes I (MF)			Financial Mathematics (MF)

* From the academic year 2018/19 the student chooses the study field upon enrolment in the 3rd year of study.

** The student arranges the consultations for the course with the course leader.