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

OBJAVA: 22.6.2018

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

PREDLOG IZBORA ZA 3. LETNIK GLEDE NA ŽELENO SMER ŠTUDIJA	TEORETIČNA MATEMATIKA	KRIPTOGRAFIJA	DISKRETNA MATEMATIKA	SPLOŠNA MATEMATIKA
Matematično modeliranje (OBVEZNI)	Matematično modeliranje (letni semester, EN, SI-konzultacije), Boldin	Matematično modeliranje (letni semester, EN, SI-konzultacije), Boldin	Matematično modeliranje (letni semester, EN, SI-konzultacije), Boldin	Matematično modeliranje (letni semester, EN, SI-konzultacije), Boldin
Notranje izbirni predmet I	Osnove statistike (zimski semester, EN, SI); Blagus	Osnove statistike (zimski semester, EN, SI); Blagus	Algebraična teorija grafov (letni semester, EN, SI-konzultacije); Hujdurović	Osnove statistike (zimski semester, EN, SI); Blagus
Notranje izbirni predmet II	Topologija (letni semester, EN); Woodroofe	Kriptografija in računalniška varnost (letni semester, EN, SI), Pasalic	Osnove statistike (zimski semester, EN, SI); Blagus	Funkcionalna analiza (zimski semester, EN), Orel
Notranje izbirni predmet III	Funkcionalna analiza (zimski semester, EN), Orel	Simetrične šifre (zimski semester, EN); Pasalic	Teorija kodiranja (letni semester, EN); Pasalic	Permutacijske grupe (zimski semester, EN); Kovacs
Notranje izbirni predmet IV	Permutacijske grupe (zimski semester, EN); Kovacs	Teorija kodiranja (letni semester, EN); Pasalic	Teorija števil (letni semester, EN); Miklavič	Diferencialne enačbe (1. kvartal, EN), Prezelj
Notranje izbirni predmet V	Teorija števil (letni semester, EN); Miklavič	Teorija števil (letni semester, EN); Miklavič	predmeti bloka s konzultacijami **	Teorija mere (letni semester, EN); Orel
Notranje izbirni predmet VI	Teorija mere (letni semester, EN); Orel	Algebraična teorija grafov (letni semester, EN, SI-konzultacije); Hujdurović	predmeti bloka s konzultacijami **	Teorija kodiranja (letni semester, EN); Pasalic
Notranje izbirni predmet VII	Diferencialne enačbe (1. kvartal, EN), Prezelj	Permutacijske grupe (zimski semester, EN); Kovacs	predmeti bloka s konzultacijami **	Teorija števil (letni semester, EN); Miklavič
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); Požar	TOR III - Teorija informacij (RIN); Pasalic	Napredno modeliranje v psihologiji (PBP); Blagus	Teorija iger (MF); Ule
	Programiranje III - Vzporedno programiranje (RIN); Vičič	Programiranje III - Vzporedno programiranje (RIN); Vičič	Podatkovne strukture in algoritmi (RIN); Brodnik/Požar	Programiranje III - Vzporedno programiranje (RIN); Vičič
	Algebraična teorija grafov (letni semester, EN, SI-konzultacije); Hujdurović	Podatkovne strukture in algoritmi (RIN); Brodnik/Požar	Seminar - Uvod v raziskovalno delo (letni semester, EN, SI); Požar	Algebraična teorija grafov (letni semester, EN, SI-konzultacije); Hujdurović
	Stohastični procesi I (MF); Orel			Finančna matematika (MF); Anholcer

* 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	CRIPTOGRAPHY	DISCRETE MATHEMATICS	GENERAL MATHEMATICS
Mathematical Modelling (COMPULSORY)	Mathematical Modelling (2nd semester, EN, SI-consultations); Boldin	Mathematical Modelling (2nd semester, EN, SI-consultations); Boldin	Mathematical Modelling (2nd semester, EN, SI-consultations); Boldin	Mathematical Modelling (2nd semester, EN, SI-consultations); Boldin
Internal elective course I	Introduction to Statistics (1st semester, EN, SI); Blagus	Introduction to Statistics (1st semester, EN, SI); Blagus	Algebraic Graph Theory (2nd semester, EN, SI-consultations); Hujdurović	Introduction to Statistics (1st semester, EN, SI); Blagus
Internal elective course II	Topology (2nd semester, EN); Woodroofe	Cryptography and Computer Safety (2nd semester, EN, SI); Pasalic	Introduction to Statistics (1st semester, EN, SI); Blagus	Functional Analysis (1st semester, EN); Orel
Internal elective course III	Functional Analysis (1st semester, EN); Orel	Symmetric Codes (1st semester, EN); Pasalic	Coding Theory (2nd semester, EN); Pasalic	Permutation Groups (1st semester, EN); Kovacs
Internal elective course IV	Permutation Groups (1st semester, EN); Kovacs	Coding Theory (2nd semester, EN); Pasalic	Number Theory (2nd semester, EN); Miklavič	Differential Equations (1st quarter, EN); Prezelj
Internal elective course V	Number Theory (2nd semester, EN); Miklavič	Number Theory (2nd semester, EN); Miklavič	course from the core of the study field - with consultations **	Measure Theory (2nd semester, EN); Orel
Internal elective course VI	Measure Theory (2nd semester, EN); Orel	Algebraic Graph Theory (2nd semester, EN, SI-consultations); Hujdurović	course from the core of the study field - with consultations **	Coding Theory (2nd semester, EN); Pasalic
Internal elective course VII	Differential Equations (1st quarter, EN); Prezelj	Permutation Groups (1st semester, EN); Kovacs	course from the core of the study field - with consultations **	Number Theory (2nd semester, EN); Miklavič
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); Požar	TOR III - Information Theory (RIN); Pasalic	Advance Modeling in Psychology (PBP); Blagus	Game Theory (MF); Ule
	Programming III – Concurrent Programming (RIN); Vičič	Programming III – Concurrent Programming (RIN); Vičič	Data Structures and Algorithms (RIN); Brodnik/Požar	Programming III – Concurrent Programming (RIN); Vičič
	Algebraic Graph Theory (2nd semester, EN, SI-consultations); Hujdurović	Data Structures and Algorithms (RIN); Brodnik/Požar	Seminar – Introduction to Research Work (2nd semester, EN, SI); Požar	Algebraic Graph Theory (2nd semester, EN, SI-consultations); Hujdurović
	Stochastic processes I (MF); Orel			Financial Mathematics (MF); Anholcer

* 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.

Pomembno: Nosilce predmetov bo potrdil Senat UP FAMNIT septembra 2018. Vse študente obveščamo, da bodo podatki o izvedbi 2018/19 objavljeni predvidoma do 16. 7. 2018 (pred pričetkom vpisov), zato naj za podatke o nosilcih takrat ponovno preverijo.
Important: Course leaders will be appointed by the Senate of UP FAMNIT in September 2018. We inform students that all information about the courses 2018/19 will be published approximately until 16 July 2018 (before the enrolment starts), so please check again the course leaders.