

COURSES IN THE ACADEMIC YEAR 2018/2019

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STUDY PROGRAMME AT UP FAMNIT: COMPUTER SCIENCE (1st bologna cycle), in English

Last change: /

COMPULSORY COURSES

1st YEAR (10 compulsory courses)

Numb.	Course	Year	Semester	Language
1	Mathematics I - Analysis I	1st	Autumn	English
2	Mathematics II - Algebra I	1st	Autumn	English
3	Programming I	1st	Autumn	English
4	Computer Practicum I	1st	Autumn	English
5	Theoretical Computer Science I - Discrete Structures	1st	Autumn	English
6	Systems I - Hardware	1st	Spring	English
7	Systems II - Operating Systems and Computer Networks	1st	Spring	English
8	Programming II - Concepts of Programming Languages	1st	Spring	English
9	Theoretical Computer Science II - Formal Languages and Computability	1st	Spring	English
10	Computer Practicum II	1st	Spring	English

2nd YEAR (9 compulsory and 1 elective course)

Numb.	Course	Year	Semester	Language
3	Data Structures and Algorithms	2nd	Autumn	English
4	Programming III - Concurrent Programming	2nd	Autumn	English
6	Introduction to Database Systems	2nd	Autumn	English
1	Mathematics III - Algebra II	2nd	Spring	English
2	Mathematics IV - Combinatorics with Graph Theory	2nd	Spring	English
5	Systems III - Information Systems	2nd	Spring	English
7	Computer Networks	2nd	Spring	English
8	Internal elective course 1/5	2nd		
9	Internal elective course 2/5	2nd		
10	External elective course 1/4 - English Language ³	2nd		

ELECTIVE COURSES

Numb.	Course	ECTS-credits	Course is available on the course schedule for the year of study	Internal/external elective course	Course leader	Language	Semester
1	English Language (B2)	6	2nd	external	Martina Zajc	English	Autumn
2	Introduction to Machine Learning and Data Mining	6	2nd	internal or external	Branko Kavšek	English	2nd quartal
3	Human-Computer Interaction	6	2nd	internal or external	Matjaž Kljun	English	Spring
4	Augmented Reality	6	2nd	internal or external	Klen Čopič Pucihar	English	Spring

SUBSEQUENT CHANGES OF OFFERED COURSES:

Possible subsequent changes of the offered courses will be published in this document and marked in red.