

COMPULSORY COURSES**1st YEAR (10 compulsory courses) - BF-19**

Numb.	Course	Year	Semester ²	Language
1	Algebra I - Matrix Calculus	1st	Autumn	English
2	Analysis I - Foundations of Analysis	1st	Autumn	English
3	Programming I	1st	Autumn	English
4	Computer Practicum	1st	Autumn	English
5	Theoretical Computer Science I	1st	Autumn	English
6	Data Programming	1st	Spring	English
7	Organic Chemistry and Biochemistry	1st	Spring	English
8	Analysis II - Infinitesimal Calculus	1st	Spring	English
9	Genetics	1st	Spring	English
10	Algebra II - Linear Algebra	1st	Spring	English

2nd YEAR (9 compulsory and 1 elective course) - BF-17

Numb.	Course	Year	Semester ²	Language
1	Data Structures and Algorithms	2nd	Autumn	English
2	Introduction to Database Systems	2nd	Autumn	English
3	Theoretical Computer Science I	2nd	Autumn	English
4	Foundations of Physics with Biophysics	2nd	Autumn	English
5	Statistics	2nd	Spring	English
6	Organic Chemistry and Biochemistry	2nd	Spring	English
7	Data Programming	2nd	Spring	English
8	Algorithms in Bioinformatics	2nd	Spring	English
9	Systems II - Operating Systems	2nd	Spring	English
10	Internal elective course	2nd		

ELECTIVE COURSES

Numb.	Course	ECTS-credits	Course will be available on the course schedule for the year of study	Internal/external elective course	Course leader ³	Language	Semester ²
1	Mathematical Chemistry	6	2nd	internal	Nino Bašič	English	Spring
2	Systems Biology Approach in Human Disease Study	6	2nd	internal	Katja Lakota	English	Spring

NOTES:

[1] V študijskem letu 2019/20 se prične izvajati prenovljen študijski program (1. letnik - BF-19), medtem ko se 2. in 3. letnik izvajata po dosedanjem študijskem programu (BF-17).

Predmetnika po prenovljenem in dosedanjem programu sta dostopna na spletni strani fakultete na naslovu: <https://www.famnit.upr.si/sl/izobrazevanje/dodiplomski-studij/bioinformatika/#heading7>

[2] Semester: Academic calendar 2019/20 is published on Faculty website <https://www.famnit.upr.si/en/education/general-information#heading2>.

[3] Course leaders will be confirmed by UP FAMNIT Senate in September 2019.

ELECTIVE COURSES - IMPORTANT INFORMATION FOR STUDENTS

Syllabus is available on Faculty website <https://www.famnit.upr.si/en/education/undergraduate/bf-first/#heading4>

* it is in students' interests that the courses are evenly distributed throughout the entire academic year. Therefore, before choosing elective courses, check in which semester the courses will be implemented.

* beside the listed courses, students may choose some other courses offered within other study programmes (website: Education/Undergraduate Studies).

Notice that their timetable is suitable only for the students of the study programme within the course is offered, which means that in case of overlapping,

students will have to find individually an agreement with the course leader.

Subsequent changes of a chosen elective course (at enrollment) is possible only with a written request. The request must be sent through ŠIS.

A printed version must be delivered to the Student Services until **10th October 2018** (for courses in the 1st semester) or **28th February 2020** (for courses in Spring semester).

After these dates, all requests will be discussed at UP FAMNIT Committee of Academic and Student Affairs.

In this case students must provide an exhaustive explanation for the change.

SUBSEQUENT CHANGES OF OFFERED COURSES:

Possible subsequent changes of the offered courses will be published on Faculty website on **18th September 2019**. Please follow the published information on the Faculty website.