

Following courses are available for Double degree students with TU Graz

Requirements to pass the double degree program:

- 30 ECTS from courses
- 12 ECTS for work on Master's thesis

You can choose courses from the list of Master's study courses and max. 1 course from the Bachelor's program.

Besides the courses listed below you can also take course named: Research seminar for 12ECTS as Research work in a laboratory on a project, etc. This should be agreed with the staff from the laboratory.

Masters study program courses

	Module Intelligent Analysis of Data	Course code	Lecturer	Semester
1	Introduction to Bioinformatics	63520	Blaž Zupan	Winter
2	Artificial Intelligence	63510	Ivan Bratko	Summer
3	Network Analysis	63545B	Lovro Šubelj	Summer
4	Module Computer Networks and Security			
	Cryptography and Computer Security	63528	Aleksandar Jurišič	Winter
5	Information Security and Privacy	63521	Denis Trček	Winter
6	Digital Forensics	63530	Andrej Brodnik	Summer
7	Wireless Sensor Networks: *mentoring in English, lectures in Slovene	63511	Nikolaj Žimic	Summer
8	Module Computational Methods			
	Collective Behaviour	63558	Iztok Lebar Bajec	Winter
9	Topological Data Analysis	63542	Žiga Virk	Winter
10	Discrete Mathematics	63532	Gašper Fijavž	Summer
11	Numerical Mathematics: *mentoring in English, lectures in Slovene	63522	Aljaž Zalar	Summer

12	Mathematics 1	63506A	Polona Oblak	Winter
13	Computer based sound production	63523	Denis Trček	Winter
14	Image based biometry	63554	Peter Peer	Winter
15	Mobile Sensing	63545C	Veljko Pejović	Summer
16	Fog Computing for Smart Services	63546 H	Vlado Stankovski	Summer

17	Advanced Computer Vision Methods	63552	Matej Kristan	Summer
18	Approximation and Randomized Algorithms	63557	Borut Robič	Summer
19	Differentiable programming	63546J	Ciril Bohak	Summer
20	Quantum machine learning	63546I	Bojan Žunkovič	Summer

Courses from Data Science Track

20	Principles of uncertainty	63564	Erik Štrumbelj	Winter
21	Machine learning for data science 2	63562	Blaž Zupan, Erik Štrumbelj	Winter
22	Project	63568	Tomaž Curk	Summer
23	Deep learning	63561	Danijel Skočaj	Summer
24	Big data	63560	Matjaž Kukar	Summer
25	Machine learning for data science 1	63566	Blaž Zupan	Summer

Bachelor program courses

1	Intelligent Systems	63266	Marko Robnik Šikonja	Winter
2	Machine Perception	63267	Matej Kristan	Winter
3	Multimedia Systems	63270	Luka Čehovin Zajc	Winter
4	Analysis of Algorithms and Heuristic Problem Solving	63263	Marko Robnik Šikonja	Summer
5	Compilers	63265	Boštjan Slivnik	Summer
6	Development of Intelligent Systems	63268	Danijel Skočaj	Summer
7	Platform Based Development	63287	Veljko Pejović	Summer
8	Organisation Security	63773		Winter
9	Programming of Energy-Constrained Devices	63776	Veljko Pejović	Winter
10	Mathematical modelling	63219	Žiga Virk	Summer
11	Computer Vision in Biometrics	63766B	Žiga Emeršič	Summer
13	Human Aspects of Security	63779	David Modic	Winter
15	Digital design	63260	Ratko Pilipović	Winter
16	Process automation	63737	Ocativan Macidon	Winter

You can find course descriptions on the following link (by clicking on the course title in the table):
<https://www.fri.uni-lj.si/en/incoming-students>