

Recommended study plan

AI_Ing_join_D_en - Artificial Intelligence

Academic year **2026/2027**

Form of study **Full time**

Study grade **Master**

Study programme **2541800D_en - AI_Ing_join_D_en Artificial Intelligence**

	C	OE	V	Together
1st year WT	5/30/23	0/0/0	0/0/0	5/30/23
1st year ST	4/24/15	1/6/5	0/0/0	5/30/20
2nd year WT	3/24/15	1/6/4	0/0/0	4/30/19
2nd year ST	1/18/15	2/12/8	0/0/0	3/30/23
Courses	13	4	0	17
Credits	96	24	0	120

1st year of study WT

Code	Course	Completion	Credits	Type	Profilový predmet	P	S	CN	CL	PP	A	ST	E	OP	period
26001397	Elements of Statistical Learning	Graded credit test (KZ_STU)	6	C	PP	2	-	-	2	1	-	-	-	-	
26001395	Mathematical Methods in AI	Credit test and examination (ZS_STU)	6	C	PP	2	-	-	2	1	-	-	-	-	
26001398	Probability and Inference for AI	Credit test and examination (ZS_STU)	6	C	PP	2	-	-	2	1	-	-	-	-	
26001400	Research Methods	Graded credit test (KZ_STU)	6	C	PP	2	-	-	1	1	-	-	-	-	
26001399	Team Project I	Graded credit test (KZ_STU)	6	C	PP	-	1	-	-	3	-	-	-	-	

In period from 1st year WT to 1st year WT for enrolment to the next period is necessary to pass successfully courses for 18 credits.

1st year of study ST

Code	Course	Completion	Credits	Type	Profilový predmet	P	S	CN	CL	PP	A	ST	E	OP	period
26001409	Compulsory AI Elective Module 1	Credit test and examination (ZS)	6	OE		2	-	-	2	1	-	-	-	-	
26001402	AI for Health: Risk and Prediction	alternative	6												
26001343	Computer Vision and Robotics	alternative	6												
26001401	Information Retrieval	alternative	6												
26001376	Spatio-Temporal Data Analysis	alternative	6												
26001337	Specialized Subject at Foreign University	alternative	6												
26001392	Deep Learning Architectures	Credit test and examination (ZS)	6	C	PP	2	-	-	1	1	-	-	-	-	
26001364	Integration and Deployment of AI Applications	Graded credit test (KZ)	6	C	PP	1	-	-	1	1	-	-	-	-	
26001389	Quantum Computing in Artificial Intelligence	Credit test and examination (ZS)	6	C		2	-	-	1	1	-	-	-	-	
26001393	Team Project II	Graded credit test (KZ)	6	C	PP	-	2	-	-	2	-	-	-	-	

In period from 1st year ST to 1st year ST for enrolment to the next period is necessary to pass successfully courses for 18 credits.
 In period from 1st year WT to 1st year ST for enrolment to the next period is necessary to pass successfully courses for 36 credits.

2nd year of study WT

Code	Course	Completion	Credits	Type	Profilový predmet	P	S	CN	CL	PP	A	ST	E	OP	period
26001387	AI for Decision Making and Reinforcement Learning	Credit test and examination (ZS)	6	C	PP	2	-	-	1	1	-	-	-	-	
26001410	Compulsory AI Elective Module 2	Credit test and examination (ZS)	6	OE		2	2	-	-	-	-	-	-	-	
26001402	<i>AI for Health: Risk and Prediction</i>	<i>alternative</i>	6												
26001343	<i>Computer Vision and Robotics</i>	<i>alternative</i>	6												
26001401	<i>Information Retrieval</i>	<i>alternative</i>	6												
26001376	<i>Spatio-Temporal Data Analysis</i>	<i>alternative</i>	6												
26001337	<i>Specialized Subject at Foreign University</i>	<i>alternative</i>	6												
26001391	Generative Artificial Intelligence	Credit test and examination (ZS)	6	C	PP	2	-	-	1	1	-	-	-	-	
26001403	MSc Project 1	Graded credit test (ZP-KZ)	12	C	PP	-	2	-	-	5	-	-	-	-	

In period from 2nd year WT to 2nd year WT for enrolment to the next period is necessary to pass successfully courses for 18 credits.

2nd year of study ST

Code	Course	Completion	Credits	Type	Profilový predmet	P	S	CN	CL	PP	A	ST	E	OP	period
26001411	Compulsory AI Elective Module 3	Credit test and examination (ZS)	6	OE		2	2	-	-	-	-	-	-	-	
26001402	<i>AI for Health: Risk and Prediction</i>	<i>alternative</i>	6												
26001343	<i>Computer Vision and Robotics</i>	<i>alternative</i>	6												
26001401	<i>Information Retrieval</i>	<i>alternative</i>	6												
26001376	<i>Spatio-Temporal Data Analysis</i>	<i>alternative</i>	6												
26001408	Compulsory Social Science Module	Graded credit test (KZ_STU)	6	OE		2	2	-	-	-	-	-	-	-	
26001405	<i>Financial Management</i>	<i>alternative</i>	6												
26001406	<i>Innovative Entrepreneurship in ICT</i>	<i>alternative</i>	6												
26001407	<i>Law for Computer Scientists</i>	<i>alternative</i>	6												

In period from 2nd year WT to 2nd year ST for enrolment to the next period is necessary to pass successfully courses for 36 credits.

State examination courses

#	Code	Course	Completion	Credits	Type	Profilový predmet	Faculty
1	26001404	MSc Project 2	State examination - Thesis Defence for 1st and 2nd Degree (ŠSO 1,2.st)	18	C	PP	FEI
	26001403	<i>MSc Project 1</i>	<i>prerequisite</i>	12			

Explanatory:

Course type:

C - compulsory courses, OE - obligatory elective courses, V - voluntary courses

Hours grant

P - Lecture, S - Seminar, CN - Numerical exercises, CL - Laboratory exercise, PP - Project work, A - Studio, ST - Internship, E - Excursion, OP - Specialistic practice

Druh profilového predmetu

PP = Profilový predmet, DPP = Ďalší profilový predmet

Course completion

Graded credit test (KZ_STU) - Graded credit test, Credit test and examination (ZS_STU) - Credit test and examination, Graded credit test (KZ) - Graded credit test, Credit test and examination (ZS) - Credit test and examination, Graded credit test (ZP-KZ) - Graded credit test

Alternative courses in italics are shown. passing an alternative course equals to passing an original course.

Prerequisite courses in italics are shown. before the courses with a prerequisite you must successfully complete the prescribed prerequisites.

Summary table

X/Y/Z - X(total courses)/Y(Number of credits)/Z(total hours)