

M.Sc. Data Science and Artificial Intelligence (DSAI)

1. S	Foundations of Data Analytics (FDA, 6 LP)	Epistemology, Ethics and Privacy (EEP, 6 LP)	Fundamentals DSAI (9 LP)	Domain Knowledge (9 LP)
2. S	Seminar DSAI (3 LP)	Fundamentals DSAI (15 LP)		Advanced Topics DSAI (6 LP)
3. S	Project DSAI (9 LP)		Advanced Topics DSAI (12 LP)	Domain Knowledge (9 LP)
4. S	Finale Module (Master's Thesis 30 LP)			

Core Modules – Mandatory Courses in DSAI		
InfM-FDA – 1 st semester	Foundations of Data Analytics (6 ECTS)	64-754 Lecture Foundations of Data Analytics 64-755 Exercises
InfM-EEP – 1 st semester	Epistemology, Ethics and Privacy (6 ECTS)	64-752 Lecture Epistemology, Ethics and Privacy 64-753 Exercises
InfM-Sem/DSAI – 2 nd semester	Seminar (3 ECTS)	64-756 Seminar Data Science and Artificial Intelligence
InfM-Proj/DSAI – 3 rd semester	Project (3 ECTS)	64-xxx Project Data Science and Artificial Intelligence
Required elective Modules – Fundamentals of DSAI – 24 ECTS out of the following modules: Winter semester: InfM-ALG (9 ECTS) , InfM-STSP (9 ECTS) , InfM-SWA (6 ECTS) Summer semester: InfM-DIS (9 ECTS) , InfM-ML (9 ECTS) , InfM-NN (6 ECTS)		
InfM-DIS	Databases and Information Systems (9 ECTS)	64-340 Lecture Databases and Information Systems 64-341 Exercises
InfM-ML	Machine Learning (9 ECTS)	64-360 Lecture Machine Learning 64-361 Exercises
InfM-NN	Neural Networks (6 ECTS)	64-416 Lecture Neural Networks 64-417 Int. Seminar
Required elective Modules – Advanced Topics of DSAI – 18 ECTS out of the following modules: Winter semester: InfM-BAI , InfM-BKIM , InfM-CV 1 , InfM-IR , InfM-NLP , InfM-OML , InfM-WV Summer semester: InfM-CV 2 , InfM-LT , InfM-RT , InfM-SSV , InfM-TrustAI		
InfM-CV2	Computer Vision II	64-438 Lecture Computer Vision II 64-439 Seminar Computer Vision II
InfM-DIS	Databases and Information Systems	64-340 Lecture Databases and Information Systems 64-341 Exercises
InfM-LT	Language Technology	64-418 Lecture Statistical Methods of Language Technology 64-419 Exercises
InfM-RT	Robot Technology	64-450 Lecture Introduction to Robotics 64-451 Exercises Introduction to Robotics 64-452 Robot Practical Course
InfM-SSV	Speech Signal Processing	64-410 Lecture Speech Signal Processing 64-411 Exercises
InfM-TrustAI	Trustworthy Artificial Intelligence	64-400 Lecture Trustworthy Artificial Intelligence 64-401 Exercises
Domain Knowledge – 24 ECTS out of the following domains: Biology, Chemistry, Earth System Sciences, Informatics, Mathematics, Physics Modules can be elected as offered, with a minimum of 24 ECTS in domains and free electives overall, including at least 6 ECTS from at least two different domains. Up to 6 ECTS can be acquired as free electives.		
For further information please refer to STiNE – online course catalog		

Summer Semester 2026: 2nd Semester
M.Sc. Data Science and Artificial Intelligence (DSAI)
 STiNE Registration Period: 16.02.2026 am – 05.03.2026, 1 pm

	Monday	Tuesday	Wednesday	Thursday	Friday
8 – 10 am					64-451 Exercises Introduction to Robotics 8:15-9:45 Every 2 weeks Start: 10.04.2026
10 – 12 am	64-438 Lecture Computer Vision II 10:15-11:45 am Room see STiNE Start: 13.04.2026	64-376 Seminar Data Science and Artificial Intelligence Room see STiNE Start: 07.04.2026	64-340 Lecture Databases and Information Systems 10:15-11:45 am Room see STiNE Start: 08.04.2026	64-416/17 Lecture Seminar Neural Networks 10:15-12 am Room see STiNE Start: 09.04.2026	64-450 Lecture Introduction to Robotics 10:15-11:45 am Room see STiNE Start: 10.04.2026
	64-361 Exercises Machine Learning Start: 13.04.2026		64-361 Exercises Machine Learning		
12 – 2 pm	64-438 Seminar Computer Vision II 12:15-13:45 pm Start: 13.04.2026		64-361 Exercises Machine Learning	64-360 Lecture Machine Learning 12:15-1:45 pm Room see STiNE Start: 09.04.2026	64-360 Lecture Machine Learning 12:15-1:45 pm Room see STiNE Start: 10.04.2026
	64-361 Exercises Machine Learning Start: 13.04.2026				
	64-340 Lecture Databases and Information Systems 12:15-11:45 pm Room see STiNE Start: 13.04.2026		64-418 Lecture Statistical Methods of Language Technology 12:15-11:45 pm Room see STiNE Start: 08.04.2026		
	64-410 Lecture Speech Signal Processing 12:15-11:45 pm Room see STiNE Start: 13.04.2026				
2-4 pm	64-400 Lecture Trustworthy AI 14:15-15:45 pm Room see STiNE Start: 13.04.2026	64-411 Exercises Speech Signal Processing 14:15-15:45 pm Room see STiNE Start: 07.04.2026	64-419 Exercises Statistical Methods of Language Technology Room see STiNE Start: 08.04.2026		64-419 Exercises Statistical Methods of Language Technology Room see STiNE Start: 10.04.2026
4-6 pm	64-400 Lecture Trustworthy AI 16:15-17:45 pm Room see STiNE Start: 13.04.2026	64-411 Exercises Speech Signal Processing 16:15-17:45 pm Room see STiNE Start: 07.04.2026	64-341 Exercises Databases and Information Systems – English Room see STiNE Start: 15.04.2026		
		64-400 Lecture Trustworthy AI 16:15-17:45 pm Room see STiNE Start: 07.04.2026			
6-8 pm					

For further information on Advanced Topics of DSAI and Domain Knowledge
 please refer to STiNE – online course catalog