

Data Science Minor

Artificial Intelligence and Data Engineering (AIDE)							
Minor in Data Science (DS)	No	Course Code	Course Name	Prerequisites		Additional Prerequisites	ECTS
	At least 1 course from following courses:						
	1	CS103	Introduction to Programming				6
	2	ECON107	Python				3
	Required courses:						
	3	AID101	Fundamentals of Data Science				6
	4	AID201	Programming for Data Science	CS103	or ECON107*		6
	5	CS417	Introduction to Data Mining	AID201*			6
	6	AID304	Big Data Analytics				6
	Any one (1) of the following elective courses**:						
	7	AID401	Deep Learning	AID201			6
	8	AID404	Business Intelligence				6
	9	AID405	Natural Language Processing				6
	10	EE418	Introduction to Machine Learning				6
	11	CS404	Artificial Intelligence	CS103	or AID201	MATH201	6
	Minimum ECTS to be completed						33
*Prerequisite defined for DS minor students							
** The list of recommended elective courses is not limited to the courses stated above. Students may select other relevant IT-related courses upon approval of the Artificial Intelligence and Data Engineering (AIDE) Program Coordinator, provided that the selected course aligns with the learning objectives of the Data Science minor.							
The Data Science minor is not intended for CSE, SE, and AIDE students.							