

Code	Implementation name	Scope	Teaching period in 2026-27	Teachers for the implementation	Languages of instruction	Mode of teaching	Open university studies	Open to exchange students	Open to students of other degree programmes
DATA11001	Data Science	5 cr	1. period	Roos Teemu	English	contact teaching	The teaching is both for degree students and open university students.	yes	yes
DATA11007	Statistics for Data Science	5 cr	1. period	Acerbi Luigi	English	contact teaching	The teaching is only for degree students	yes	yes
DATA20016	Computer Vision	5 cr	1. period	Ruotsalainen Laura	English	contact teaching	The teaching is only for degree students	yes	yes
DATA10006	Master's Thesis Seminar	5 cr	1.-2. period	Giulio Jacucci; Koivisto Mikko; Michael Mathioudakis	English	contact teaching	The teaching is only for degree students	no	no
DATA11102	Data Science Study Skills	3 cr	1.-2. period	Moen Pirjo	English	contact teaching	The teaching is only for degree students	no	no
DATA14003	Big Data Platforms	5 cr	1.-2. period	Heljanko Keijo	English	distance teaching (time-bound)	The teaching is both for degree students and open university students.	yes	yes
DATA11009	Practical Machine Learning (Beta version)	5 cr	2. period	Antti Honkela	English	contact teaching	The teaching is only for degree students	no	yes
DATA11010	Machine Learning 1	5 cr	2. period	Arto Klami; Puolamäki Kai	English	contact teaching	The teaching is only for degree students	yes	yes
DATA11008	Engineering of Machine Learning Systems	5 cr	2. period	Nurminen Jukka	English	contact teaching	The teaching is only for degree students	yes	yes
DATA20019	Trustworthy Machine Learning	5 cr	2. period	Honkela Antti; Zliobaite Indre	English	contact teaching	The teaching is only for degree students	yes	yes
DATA20072	Seminar on Human-Centered Data Science	5 cr	2. period	Jacucci Giulio	English	contact teaching	The teaching is only for degree students	yes	yes
DATA20071	Gaussian Processes for Machine Learning	3 cr	2. period	Hartmann Marcelo; Tetali Harsha	English	contact teaching	The teaching is both for degree students and open university students.	yes	yes
DATA11009	Practical Machine Learning	5 cr	3. period	Antti Honkela	English	contact teaching	The teaching is both for degree students and open university students.	yes	yes
DATA16001	Network Analysis	5 cr	3. period	Mathioudakis Michael	English	includes both contact and distance teaching (aka. blended teaching)	The teaching is only for degree students	yes	yes
DATA20047	Probabilistic Cognitive Modelling	5 cr	3. period	Acerbi Luigi	English	contact teaching	The teaching is only for degree students	yes	yes
DATA20021	Information Retrieval	5 cr	3. period	Glowacka Dorota	English	contact teaching	The teaching is only for degree students	yes	yes
DATA12003	Sustainability in Computer and Data Sciences I	2 cr	3. period	Heljanko Keijo; Kettunen Petri; Moen Pirjo; Nurminen Jukka; Ruotsalainen Laura	English	contact teaching	The teaching is only for degree students	yes	yes
DATA12004	Sustainability in Computer and Data Sciences II	3 cr	3. period	Heljanko Keijo; Kettunen Petri; Moen Pirjo; Nurminen Jukka; Ruotsalainen Laura	English	contact teaching	The teaching is only for degree students	yes	yes
DATA10006	Master's Thesis Seminar	5 cr	3.-4. period	Arto Klami; Koivisto Mikko; Michael Mathioudakis	English	contact teaching	The teaching is only for degree students	no	no
DATA11004	Data Science Project	5 cr	3.-4. period	Adriaens Florian; Tatti Nikolaj	English	contact teaching	The teaching is only for degree students	no	no
DATA11011	Machine Learning 2	5 cr	4. period	Tatti Nikolaj	English	contact teaching	The teaching is only for degree students	yes	yes
DATA20046	Neural Networks and Deep Learning	5 cr	4. period	Hyvärinen Aapo; Klami Arto	English	contact teaching	The teaching is only for degree students	yes	yes
DATA15003	Interactive Data Visualization	5 cr	4. period	He Chen	English	includes both contact and distance teaching (aka. blended teaching)	The teaching is only for degree students	yes	yes
DATA20069	Data Science for the Internet of Things	5 cr	4. period	Nurmi Petteri; Zaidan Martha	English	contact teaching	The teaching is only for degree students	yes	yes

DATA20041	AI in Society: Introduction	1,5 cr	open all year round	Nurminen Jukka	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
DATA20042	AI in Society: AI and Discrimination	,5 cr	open all year round	Nurminen Jukka	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
DATA20049	AI in Society: AI, Justice and Security	,5 cr	open all year round	Nurminen Jukka	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
DATA20050	AI in Society: AI and Democracy	,5 cr	open all year round	Nurminen Jukka	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
DATA20058	AI in Society: AI and One Health	,5 cr	open all year round	Nurminen Jukka	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
DATA20059	AI in Society: AI and Disinformation in the Digital Age	,5 cr	open all year round	Nurminen Jukka	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
DATA20068	AI in Society: AI and Privacy	,5 cr	open all year round	Nurminen Jukka	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
DATA20060	Computational Affective Modelling I	2 cr	open all year round	Hyvärinen Aapo	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
DATA20061	Computational Affective Modelling II	3 cr	open all year round	Hyvärinen Aapo	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
DATA12002	Probabilistic Graphical Models	5 cr	open all year round	Koivisto Mikko	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
DATA20067	Data Science for Monitoring Aquatic Ecosystems	5 cr	open all year round	Nurmi Petteri; Zuniga Agustin	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes