

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	Open University Tuition Fee	Open University Quota
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	225	15
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		
DATA20074	Seminar on Reinforcement Learning	5 cr	1.-2. period	Mikkola Petrus; Pérez Vieites, Sara	English	contact teaching	The teaching is only for degree students	yes	yes		
DATA11102	Data Science Study Skills	3 cr	1.-2. period	Moen Pirjo	English	contact teaching	The teaching is only for degree students	no	no		
DATA140031	Big Data Platforms MOOC	3 cr	1.-2. period	Heljanko Keijo	English	distance teaching (time-bound)	The teaching is both for degree students and open university students.	yes	yes	0	No Restrictions
DATA140032	Big Data Platforms MOOC EXAM	2 cr	2. period	Heljanko Keijo	English	electronic exam	The teaching is both for degree students and open university students.	yes	yes	90	No Restrictions
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	135	10
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	225	15
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		
DATA20073	Seminar on Neural Information Retrieval	5 cr	3.-4. period	Hyvönen Ville	English	contact teaching	The teaching is only for degree students	yes	yes		
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	0	No Restrictions
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	0	No Restrictions

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	0	No Restrictions
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	0	No Restrictions
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	0	No Restrictions
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	0	No Restrictions
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	0	No Restrictions
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	0	No Restrictions
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	0	No Restrictions
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	225	10
DATA200671	Data Science for Monitoring Aquatic Ecosystems MOOC	3 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	0	No Restrictions
DATA200672	Data Science for Monitoring Aquatic Ecosystems - MOOC EXAM	2 cr		Nurmi Petteri; Zuniga Agustin	English	electronic exam	The teaching is both for degree students and open university students.	yes	yes	90	No Restrictions