

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
CSM12101	Design and Analysis of Algorithms	5 cr	1. period	Tomescu Alexandru	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM13109	Networking Technologies	5 cr	1. period	Kojo Markku	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM14101	Software Architectures	5 cr	1. period	Tuovinen Antti-Pekka	English	includes both contact and distance teaching (aka. blended teaching)	The teaching is only for degree students.	yes	yes
CSM11007	Master's Thesis Seminar	5 cr	1.-2. period	Jacucci Giulio, Koivisto Mikko, Mathioudakis Michael	English	contact teaching	The teaching is only for degree students.	no	no
CSM11006	Computer Science Project	5 cr	1.-2. period	Nurminen Jukka	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM14303	Seminar on Big Data Management	5 cr	1.-2. period	Lu Jiaheng	English	distance teaching (time-bound)	The teaching is only for degree students.	yes	yes
CSM14107	Seminar in Empirical Software Engineering	5 cr	1.-2. period	Männistö Tomi	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM13001	Distributed Systems	5 cr	2. period	Niklander Tiina	English	contact teaching	The teaching is both for degree students and open university students.	yes	yes
CSM12102	String Processing Algorithms	5 cr	2. period	Puglisi Simon	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM14102	Methods for Software Engineering Research	5 cr	2. period	Männistö Tomi	English	contact teaching	The teaching is only for degree students.	no	no
CSM14103	Software Architecture Project	3 cr	2. period	Tuovinen Antti-Pekka	English	includes both contact and distance teaching (aka. blended teaching)	The teaching is only for degree students.	yes	yes
CSM13401	Human Computer Interaction	5 cr	2. period	Kytö Mikko	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM12107	Combinatorial Optimisation	5 cr	2. period	Järvisalo Matti	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM12106	Approximation Algorithms	5 cr	3. period	Koivisto Mikko	English	contact teaching	The teaching is both for degree students and open university students.	yes	yes
CSM14204	Compilers	5 cr	3. period	Laaksonen Antti, Pärtel Martin	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM11007	Master's Thesis Seminar	5 cr	3.-4. period	Klami Arto, Koivisto Mikko, Mathioudakis Michael	English	contact teaching	The teaching is only for degree students.	no	no
CSM14102	Methods for Software Engineering Research (self-study)	5 cr	3.-4. period	Männistö Tomi	English	online teaching (not time-bound)	The teaching is only for degree students.	no	no

CSM13183	Seminar on the Internet of Things	5 cr	3.-4. period	Sarhaddi Fatemeh	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM132821	Seminar: Advanced Topics in Networking	5 cr	3.-4. period	Kangasharju Jussi, Kojo Markku	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM14124	Seminar on Algorithms	5 cr	3.-4. period	Järvisalo Matti	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM14302	Transaction Management and Query Optimisation	5 cr	4. period	Lu Jiaheng	English	distance teaching (time-bound)	The teaching is only for degree students.	yes	yes
CSM14120	Software Evolution and Reliability	5 cr	4. period	Mäntylä Mika	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM14213	Smart Modeling	5 cr	4. period	Tuovinen Antti-Pekka	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM14121	Seminar in Software Quality	5 cr	4.-5. period	Mäntylä Mika	English	contact teaching	The teaching is only for degree students.	yes	yes
CSM131051	Introduction to the Internet of Things - MOOC	4 cr	open all year round	Zuniga Corrales Agustin	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM13111	Developing the Artificial Intelligence of Things - MOOC	5 cr	open all year round	Agustin Zuniga, Ngoc Thi Nguyen, Petteri Nurmi	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM132041	Cyber Security Base: Advanced Topics	3 cr	3.-4. period	Tatti Nikolaj	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM132042	Cyber Security Base: Course Project II	1 cr	4. period	Tatti Nikolaj	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM132043	Cyber Security Base: Capture The Flag	1 cr	4. period	Tatti Nikolaj	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141081	Full Stack Web Development	5 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141082	Full Stack Web Development, extension 1	1 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141083	Full Stack Web Development, extension 2	1 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141084	Full Stack Web Development: Containers	1 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14110	Full Stack Web Development: TypeScript	1 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14111	Full Stack Web Development: React Native	2 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14112	Full Stack Web Development: Continuous Integration	1 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14113	Full Stack Web Development: GraphQL	1 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14114	Full Stack Web Development: Relational Databases	1 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141091	Full Stack Web Development Project	5 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes

CSM141092	Full Stack Web Development Project	7 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM141093	Full Stack Web Development Project	10 cr	open all year round	Luukkainen Matti	English, Finnish	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes
CSM14201	Software Testing (self-study)	5 cr	open all year round	Tuovinen Antti-Pekka	English	online teaching (not time-bound)	The teaching is only for degree students.	yes	yes
CSM14123	Algorithms for Problem Solving	5 cr	open all year round	Laaksonen Antti	English	online teaching (not time-bound)	The teaching is only for degree students.	yes	yes
CSM131052	Introduction to the Internet of Things - MOOC EXAM	1 cr		Zuniga Corrales Agustin	English	online teaching (not time-bound)	The teaching is both for degree students and open university students.	yes	yes