

UUDET OPINTOJAKSOT/NEW COURSES				
Tunniste/Code	Opintojakson nimi/Name of the course	Op/ECTS	Vuosikurssi/Year	Periodi/Period
CT10A9201SS	Game Design - From Concepts to Implementation	3	M.Sc 1-2	Summer School intensive
CT70A1000	Programming and Database Systems	6	B.Sc. 3 (Complementary course)	1-4, summer, online
CT70A2000	Requirements Engineering	6	M.Sc 1	1-2
CT70A3000	Software Maintenance	6	M.Sc 2	3-4
CT70A4000	Business Process Modelling	6	M.Sc 1	1-2
CT70A5000	Impact and Benefits of Digitalization	6	M.Sc 2	1-2
CT70A6000	Business Intelligence	6	M.Sc 1	3-4
CT70A7000	Digital Business Platforms	6	M.Sc 2	1-2
CT70A8000	Digitalization Case Challenge	1-5	M.Sc 2	1-2
CT70A9000	Geographic Information Systems	6	M.Sc 1-2	1-4, summer, online
MUUTTUVAT OPINTOJAKSOT/COURSES CHANGING				
Uusi opintojakso/New course			Korvaa opintojakson/Replaces the course	
Tunniste/Code	Opintojakson nimi/Name of the course	Op/ECTS	Tunniste, nimi ja op-määrä/Code, name, ECTS	
CT10A0012	Research Work for Software Engineering Exchange Student	10-30	CT10A0011 Laboratory Work Course in Computer Science 10-30	
CT10A0016	Introduction to M.Sc. Studies in Software Engineering and Digital Transformation	1	CT10A0015 Introduction to M.Sc. Studies in Computer Science 1	
CT10A0461	MOOC-based Specialization Studies for M.Sc students	1-12	CT10A0460 Personal specialization study for M. Sc. Students 1-12	
CT10A7004	Sustainability and IT	6	CT10A7002 Green IT and Sustainable Computing, 6	
CT10A7021	Personal Literature Study	3-6	CT10A7020 Personal Literature Study 1-6 cr	
CT10A7051	Area Experts' Views on Future Work-life Expectations	6	CT10A7050 Research/Industry Forum in Software Technology and Engineering	
CT10A9512	Research Design and Methods	6	CT10A9511 Research Methods in Software Engineering, 6	
CT30A8911	Architectures and Architectural Patterns	6	CT30A8910 Software as a Service: Architectures and Engineering 6	
CT30A8922	User Experience Design	6	CT30A8921 User and Design Research in Software Engineering, 6	
CT60A0202	Ohjelmoinnin ja data-analytiikan perusteet	6	CT60A0201 Ohjelmoinnin perusteet, 6	
CT60A2500	C-ohjelmoinnin perusteet	3	CT60A0220 C-ohjelmoinnin ja testauksen periaatteet, 6	
CT60A4160	Ohjelmistotestauksen periaatteet	3		
CT60A5103	Software Engineering Models and Modeling	6	CT60A5102 Models and Methods of Software Engineering, 6	
CT60A5500	Quality Assurance in Software Development	6	CT60A5300 Software Projects, Processes and Entrepreneurship, 6	
POISTUVAT OPINTOJAKSOT/COURSES REMOVED				
Tunniste/Code	Opintojakson nimi/Name of the course	Op/ECTS	Korvaava opintojakso (jos päätetty)/Replaced by the course (if any)	
CT10A0006	Valittujen Code Camp	1	Vapaasti valittavat opinnot	
CT10A0300	Vertaistutorointi	3	BH10A0600 Vertaistutorointi 3 op	
CT10A0450	Henkilökohtaiset erikoistumisopinnot TkK -opiskelijoille	1-6		
CT10A7030	Personal Design Science Study	1-6	Elective specialisation studies	
CT60A7102	Seminar on Software Engineering	6	Elective specialisation studies	
CT60A7150	Fundamentals of Software Engineering	3		
CT60A7510	Design Patterns	6	CT30A8911 Architectures and Architectural Patterns	
CT60A9200	Seminar on sustainable software and services 1 (Erasmus Mundus Perccom)	3		

CT60A9400	Seminar on sustainable software and services 2 (Erasmus Mundus Perccom)	3		
EI LUENNOIDA 2018-19/NOT LECTURED IN 2018-19		Luennoidaan seuraavan kerran/Next time lectured in		
Tunniste/Code	Opintojakson nimi/Name of the course			
CT70A7000	Digital Business Platforms	2019-20		
CT70A8000	Digitalization Case Challenge	2019-20		
CT30A5003	Games and Networking	2019-20		
PERIODIMUUTOKSET/CHANGES TO TEACHING PERIODS				
Tunniste/Code	Opintojakson nimi/Name of the course	2017-18	2018-19	
LM10A2000	Johdatus tietojärjestelmiin	2	3	

Jatko-opintojaksomuutokset/Post-graduate course changes 2018-2019

UUDET J-OPINTOJAKSOT/NEW COURSES				
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MUUTTUVAT J-OPINTOJAKSOT/COURSES CHANGING				
Uusi opintojakso/New course			Korvaa opintojakson/Replaces the course	
Tunniste/Code	Opintojakson nimi/Name of the course	Op/ECTS	Tunniste, nimi ja op-määrä/Code, name, ECTS	
POISTUVAT J-OPINTOJAKSOT/COURSES REMOVED				
Tunniste/Code	Opintojakson nimi/Name of the course	Op/ECTS	Korvaava opintojakso (jos päätetty)/Replaced by the course (if any)	
LM20AJ300	Introduction to Doctoral Studies and Research	2		

EI LUENNOIDA 2018-19/NOT LECTURED IN 2018-19		Luennoidaan seuraavan kerran/Next time lectured in		
Tunniste/Code	Opintojakson nimi/Name of the course			
PERIODIMUUTOKSET/CHANGES TO TEACHING PERIODS				
Tunniste/Code	Opintojakson nimi/Name of the course	2016-17	2017-18	