

LENS

Tietotekniikka/Software Engineering

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Opintojaksomuutokset/Course changes 2025-2026

UUDET OPINTOJAKSOT/NEW COURSES				
Tunniste/Code	Opintojakson nimi/Name of the course	Op/ECTS	Vuosikurssi/Year	Periodi/Period
CT30A1000	Opiskelun ohjelmistot ja tekoäly Software Tools and AI	3	BSc 1	1, anytime
CT30A1100	Data Intelligence	6	MSc 2	1-2
CT30A1200	Fundamentals of Quantum Software Engineering	6	MSc 1	1-2
CT30A1300	Fundamentals of Game Development	4	BSc 2	anytime
CT30A1400	Rust-ohjelmointi	4	BSc 2	anytime
CT30A2850	User Interfaces and Usability for international programs	6	BSc 1	3-4
CT60A4050	Fundamentals of Software Engineering	6	BSc 1	1-2
CT30A1500	Continuous Software Engineering with DevOps Practices	6	MSc 1	1-2
CT60A4350	Basics of database systems (Lahti)	3	BSc 2	3
CT60A7660	Database Systems Management (Lahti)	3	BSc 2	4
CT30A3350	Operating Systems and System Programming (Lahti)	6	BSc 3	3-4
CT60A2450	Object-Oriented Programming (Lahti&Online)	6	BSc 1	3-4
CT60A4500	Fundamentals of Software Testing (Lahti)	3	BSc 2	1
CT60A5550	Software Project Management (Lahti)	3	BSc 2	3-4
CT10A5000	Bachelor's Thesis and Seminar, SSE, part 1*	6	BSc 3	1-2

*Only for Software and Systems Engineering programme

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	
CT70A9111	Software Development Skills: Front-End	1	CT70A9110, Software Development Skills: Front-End, 3 ECTS	
CT60A4350	Basics of database systems (Lahti)	3	CT60A4304 Basics of database systems, 3 ECTS	
CT60A4304	Basics of database systems	3		
CT60A7660	Database Systems Management (Lahti)	3	CT60A7650 Database Systems Management, 3 ECTS	
CT60A7650	Database Systems Management	3		
CT30A3350	Operating Systems and System Programming (Lahti)	6	CT30A3370 Käyttöjärjestelmät ja systeemiohjelmointi, 6 op	
CT30A3370	Käyttöjärjestelmät ja systeemiohjelmointi	6		
CT60A2450	Object-Oriented Programming (Lahti&Online)	6	CT60A2412 Olio-ohjelmointi, 6 op	
CT60A2412	Olio-ohjelmointi	6		
CT60A4500	Fundamentals of Software Testing (Lahti)	3	CT60A4160 Ohjelmistotestauksen periaatteet, 3 op	
CT60A4160	Ohjelmistotestauksen periaatteet	3		
CT60A5550	Software Project Management (Lahti)	3	CT60A5531 Software Project Management, 3-6 ECTS	
CT60A5532	Software Project Management	6		
CT30A2850	User Interfaces and Usability for international programs	6	CT30A2804 Käyttöliittymät ja käytettävyys, 6 op	
CT30A2804	Käyttöliittymät ja käytettävyys	6		
CT60A4050	Fundamentals of Software Engineering	6	CT60A4002 Ohjelmistotuotanto, 6 op	
CT60A4002	Ohjelmistotuotanto	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)

EI LUENNOIDA 2025-26/NOT LECTURED IN 2025-26		
Tunniste/Code	Opintojakson nimi/Name of the course	Luennoidaan seuraavan kerran/Next time lectured in
CT60A4200	Ohjelmistoprojekti	
CT10A3001	Industry Seminar on Local Sustainability Challenges	
CT10A2000	Introduction to sustainability	
CT10A2100	Research project 1	

PERIODIMUUTOKSET/CHANGES TO TEACHING PERIODS				
Tunniste/Code	Opintojakson nimi/Name of the course	2024-25	2025-26	

Jatko-opintojaksomuutokset/Post-graduate course changes 2025-2026

<i>Ei muutoksia jatko-opintoihin. No changes in postgraduate courses.</i>			
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Hebei-course (HDD) changes in Software and Systems Engineering Programme (SSE)			
New course			Replaces the course
Code	Name of the course	ECTS	Code, name, ECTS
HDD4100	Engineering Project Management (HDD)	3 ECTS cr	LES10A250 Engineering Project Management, 3 ECTS cr
HDD4110	Systems Engineering (HDD)	3 ECTS cr	LES10A270 Systems Engineering, 3 ECTS cr
HDD4130	Lean Management (HDD)	3 ECTS cr	LES10A240 Lean Management, 3 ECTS cr
HDD7010	Basic Chinese 1 (HDD)	5 ECTS cr	KC00CQ66 Basic Chinese 1, 5 ECTS cr
HDD7020	Basic Chinese 2 (HDD)	5 ECTS cr	KC00CQ67 Basic Chinese 2, 5 ECTS cr
HDD4120	Overview of China (HDD)	3 ECTS cr	KE00BZ85 English for Professional Development (Technology), 4 ECTS cr
HDD5010	Foundations of Computer Science (HDD)	6 ECTS cr	BM40A0202 Foundations of Computer Science, 6 ECTS cr
HDD5020	Foundations of Information Processing (HDD)	6 ECTS cr	BM40A0102 Foundations of Information Processing, 6 ECTS cr
HDD5030	Data Structures and Algorithms (HDD)	6 ECTS cr	BM40A1500 Data Structures and Algorithms, 6 ECTS cr
HDD5040	Foundations of Artificial Intelligence and Machine Learning (HDD)	6 ECTS cr	BM40A1601 Foundations of Artificial Intelligence and Machine Learning, 6 ECTS cr
CT10A5000	Bachelor's Thesis and Seminar, SSE, part 1	6 ECTS cr	CT10A4000 Bachelor's Thesis and Seminar, 10 ECTS cr
HDD5000	Bachelor's Thesis and Seminar, SSE, part 2 (HDD)	6 ECTS cr	