

Information Technology exchange course offer 2023/24

Exchange students can select courses from any IT study group. The 1st year courses are suitable if the student does not have background knowledge on the topic. The 2nd and 3rd year courses are more advanced so some background knowledge on the topic may be required.

	Autumn 2023	ECTS	Code	Spring 2024	ECTS	Code
3rd year studies	Enterprise service management (online)	5	IT00EB95-3003	Service deployment project	5	IT00EC02-3002
	Design patterns and object-oriented techniques	5	IT00EC00-3002	Software testing and quality assurance	5	IT00EC03-3002
	ICT business management	5	IT00EB98-3002	Probability and information theory	5	IT00EC04-3002
	Research and development skills	5	IT00EB99-3002	Full stack programming	5	IT00EB90-3003
	Information and network security	5	IT00EB97-3002	Databases	5	IT00EB91-3003
2nd year studies	Python programming and data processing	5	IT00EB85-3003	Discrete mathematics 2	5	TK00BK51-3014
	IoT electronics and measurements	5	IT00EB86-3003	Scaling networks	5	IT00EB92-3003
	Introduction to networks	5	IT00EB87-3003	Advanced networking	5	IT00EB93-3003
	Routing and switching essentials	5	IT00EB88-3003	IoT technologies	5	IT00EB94-3003
	Data center environments	5	IT00EB89-3003			
	Applying IoT	5	IT00EB96-3002			
1st year studies	Discrete mathematics 1	5	TK00BK40-3026	IT physics	5	IT00EB82-3006
	Computer and ICT environments	5	IT00EB80-3006	Calculus	5	IT00CO78-3011
	Introduction to programming	5	IT00EB81-3004	Operating systems and server environments	5	IT00EB83-3004
	Security fundamentals	5	IT00CO77-3007	Object-oriented programming	5	IT00EB84-3007
	Finnish 1	5	KY00DS49-3034	Networking fundamentals	5	IT00CO71-3008
	Finnish for beginners (online, studied independently)	5	VV00EF96-3010			



South-Eastern Finland
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In addition, **Using wellbeing skills to promote studying ability (online), 2 ECTS Credits** is available in autumn term 2023. The code of the course is VV00EJ27-3014. The syllabus is available at <https://opinto-opas.xamk.fi/offerings/51331/48611?lang=en>

You can check the syllabuses at the Study Guide <https://opinto-opas.xamk.fi/28/en/42/123044> and the timetable at Lukkarikone which allows you to view and plan the schedule_ <https://lukkarikone.xamk.fi/#/schedule>.

Xamk reserves the right to make changes in the detail of the curriculum. The changes might deal with the teachers, titles, contents, duration, depth, and timing of the courses. The purpose of the changes would be to guarantee the most suitable and flexible study schedule for the Students.