

**FIB Mobilitat 25-26 ASSIGNATURES RECONEGUDES COM A COMPLEMENTÀRIES DE L'ESPECIALITAT
ENGINYERIA DEL SOFTWARE**

PAÍS	UNIVERSITAT	NOM ASSIGNATURA	ECTS
Alemanya	Karlsruher Institut für Technologie	Decentralized Systems: Fundamentals, Modeling and Applications	6
		Lab: Low Power Design and Embedded Systems	4
		Seminar: User-Adaptative Systems	3
Alemanya	Technische Universität München	Large Scale Software Architectures: Analysis, Design, and Implementation	10
		Edge Computing and the Internet of Things	10
		iOS Internship	10
		Advanced seminar for safe cyber-physical systems	5
		Advanced Topics of Software Engineering	8
		Master-Praktikum: Resilient Cognitive Systems	10
		Seminar Artificial Intelligence For Software Engineering	5
		Software Engineering In Der Industriellen Praxis	3
		Advanced Seminar for Safe Cyber-Physical System	5
		Advanced Topics of Software Engineering	8
		Edge Computing and the Internet of Things	10
		iOS Internship	10
		Large Scale Software Architectures: Analysis, Design, and Implementation	10
Bèlgica	Ecole Polytechnique de Louvain	Computational Linguistics	5
		Cloud Computing	5
		Languages and Algorithms for Distributed Applications	5
Bèlgica	Ghent University	Artificial Intelligence	6
		Engineering Economy	6
		Game Theory and Multiagent Systems	6
		Operations Research Model and Methods	6
		Software Hacking and Protection	6
Canadà	École Polytechnique Montréal	Advanced Concepts of Cloud Computing	6
		Directed Readings in Computer and Software Engineering	6
		Human Centered Inquiry for Software and Computer Engineering	6
		Software Architecture and Advanced Design	6
Canadà	ETS Montreal	Software Quality Engineering	6
Dinamarca	IT University of Copenhagen	Data mining	7,5
		Digital Data Analysis	7,5
		Digital Organizing and Transformation	7,5
		IT and Green Transitions, BSC	7,5
		Machine Learning	15
		Security 1, BSC	7,5
		Software Ecosystems - combining user centered design, organisational and technical dimensions	7,5
		Technical Communication	7,5
		Technical Interaction Design	7,5
Finlàndia	Aalto University	Designing and Building Scalable Web Applications	5
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Finlàndia	Universitat d'Oulu	Introduction to Industrial Internet D	5
		Internet of Things	5
		Programmable Web Project	5
		Software Development, Maintenance and Operations	5
		Security Engineering	5
		Special Course in Information Technology 4 - International Crisis Management	5
		Social Computing	5
		VR Systems and Humans	5
França	UGA - Ensimag	Large scale Data-Management and Distributed systems	6
		Cloud Computing, from infrastructure to applications	6
		Process engineering	6
Ireland	TU Dublin	Programming Paradigms	5
		Software Design	5
		Web Applications Architectures	10
Ireland	Trinity College	Artificial Intelligence I	5
		Compiler Design I	5
		Software Design Analysis	5
		Software Applications II	5
		Entrepreneurship & High-Tech Venture Creation	5
Italia	Politecnico Milano	Foundations of Artificial Intelligence	5
		Computer Ethics	5
		Design and Implementation of Mobile Applications	5
		Videogame Design and Programming	5
		Data Bases 2	5
Letonia	Riga TU	Adaptative Data Processing Systems	3
		Software Evolution Technologies	5
		System Engineering	3
		Systems Analysis and Knowledge Acquisition	3
Noruega	Kristiania	Secure Software Development	7,5
Noruega	NTNU	Back-end Development	7,5
		Infrastructure as Code	7,5
		Mobile Programming	7,5
		Software Security	7,5
		Specialisation in Decentralised Technologies	7,5
		Learning Technology and Analytics	7,5
		Cognitive Architectures	7,5
		Applied Data Science	7,5
		Machine Learning	7,5
		Data Powered Software	7,5
		Specialisation in Web Technology	7,5

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Països Baixos	Eindhoven	Computer Graphics	5
		Data mining and Machine Learning	5
		Functional Programming	5
		Insurance and Credit Risk	5
		Programming Methods	5
		Stochastics and Simulation for Finance	5
Polònia	Warsaw University of Technology	Enginyeria del Coneixement i Sistemes Distribuïts Intel·ligents	6
República Txeca	Masarykova Univerzita v Brne	Java Enterprise Applications	7
		IT Services Management	4
		Strategy and Leadership	4
		Project Management	4
Suècia	Linköpings	Advanced Project Course - Game, App and Web Development	6
		Images and Graphics, Project Course CDIO	12
		Programming Project with Open Source Code	6
		Software Security	6
		Software Testing	6
		Human Robot Interaction	7,5
Suècia	Umea University	Data preprocessing and visualisation	7,5
		Machine Learning	7,5
		Image Analysis and Computer Vision	7,5
Suècia	KTH	Introduction to Robotics	7,5
		Machine Learning	7,5
		Scalable Software Development with Functional Programming	7,5
		Automated Software Testing and DevOps	7,5
		Big Data in Media Technology	7,5
		Cybersecurity Overview	7,5
		User Experience Design and Evaluation	9
		Foundations of Machine Learning	7,5