

FIB Mobilitat 26-27 ASSIGNATURES QUE PODEN SER RECONEGUDES COM A COMPLEMENTÀRIES DE L'ESPECIALITAT ENGINYERIA DEL SOFTWARE

Nota: Els ECTS que surten al llistat són els que atorga la universitat d'acollida/destí, això vol dir que si es vol reconèixer una assignatura CE i a destí les assignatures són de 5 ECTS, seran necessàries 2 assignatures per arribar als 6 ECTS que val una CE a la FIB. Els crèdits ECTS restants es passen a la bossa d'optatius.

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
	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
	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
		Internet of Things	6
		Network Security	6
		Robotics	6
	Antwerpen University	I-Cyber-Physical Systems	9
		Selected Topics in Software Engineering	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
	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

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		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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		Introduction to Industrial Internet D	5
	Universitat d'Oulu	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
	Trinity College	Artificial Intelligence I	5
		Compiler Design I	5
		Software Design Analysis	5
		Software Applications II	5
		Entrepreneurship & High-Tech Venture Creation	5
Itàlia	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
	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
	Fontys University of Applied Sciences	Embrace Technology Entrepreneurship and Creativity	6
	University of Twente	Web Science Module	15
		Data Science & Artificial Intelligence: seeing through the hype	15
		Managin Big Data	5
		Image Processing and Computer Vision	5
		Deep Learning - From Theory to Practice	5
		System Validation	5
		Machine Learning I	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
	Ceske Vysoke Uceni Technicke V Praze	Advanced Cryptology	5
		Efficient Text Pattern Matching	5
Suècia	Linkopings	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
	Umea University	Human Robot Interaction	7,5
		Data preprocessing and visualisation	7,5
		Machine Learning	7,5
	KTH	Image Analysis and Computer Vision	7,5
		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
Taiwan	Taiwan Tech	Management Information Systems	6
		System Analysis and Design	6
		System Analysis	6
		Designing for Smart Sensing Systems	6
		Computer Simulation	6
Uruguai	Universidad de Montevideo	Sistemas Distribuidos	6
		Information Systems Management	6

PAÍS	UNIVERSITAT	NOM ASSIGNATURA	ECTS
Xina	City University of Hong Kong	Fundamentals of Data Science	6
		Virtual Reality	6
Xile	Pontificia Universidad Católica de	User Experience / User Interfaces	6
		Detailed Software Deign	6
		Minería de Datos	6

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