



(Allegato B)
LEARNING AGREEMENT

UNIVA	ECTS	SEM.	UNICE	ECTS	SEM.
I ANNO			I ANNO		
corsi obbligatori			corsi obbligatori		
Models of computation	9	2	TER (S1)	6	1
Intelligent systems	9	1	Projet de développement	3	1
Software engineering fundamentals	9	1	Génie Logiciel	3	1
Data security and privacy	9	2	TER (S2)	6	2
English for computer science	6	1	Gestion de projets	3	2
			Anglais	3	2
2 corsi a scelta tra i seguenti**			6 corsi a scelta per semestre**		
Cloud data management	6	2	Introduction à la calculabilité	3	1
Data mining	6	2	Traitement automatique de texte en IA	3	1
NOSQL Databases	6	2	Safety critical systems	3	1
Requirements engineering	6	1	Résolution de problèmes	3	1
Innovative telecommunication systems	6	2	Programming challenge	3	1
Security risk management	6	2	Graphes et programmation dynamique	3	1
Data science for business	6	2	IOT: software components	3	1
Web services	6	2	BD vers Big Data	3	1
Software project management	6	1	AI game programming	3	1
			Systèmes complexes avancés	3	1
			Architecture de proc. hautes performances	3	1
			Parallelism	3	1
			Neural Networks and learning	3	1
			Logic for AI	3	1
			Programmation IA pour les jeux	3	1
			Résolution de problèmes : introduction	3	1
			Computer Networks	3	1
			Programmation synchrone	3	2
			Algorithmique et complexité	3	2
1 corso a scelta tra i seguenti**			Logique avancée	3	2
Computational logic	6	2	Sécurité	3	2
Process algebras	6	1	Web	3	2
Models for biological systems	6	1	Modélisation PPC	3	2
Fundamentals of distributed ledgers	6	2	Entrepreneuriat	3	2
			Méthodes avancées PPC/PL	3	2
			Software Engineering	3	2



			Operation Research	3	2
			Internet of the future	3	2
			Communication and Concurrency	3	2
			Advanced OS	3	2
			BD vers Big Data avancé	3	2
totale	60		totale	60	

** Alcuni insegnamenti potrebbero non essere attivati nell' A.A. 2021/22 per numero esiguo di studenti o per attivazione ad anni alterni.

UNIVA	ECTS	SEM.	UNICE	ECTS	SEM.
II ANNO			II ANNO		
5 corsi a scelta tra i seguenti#	30		8 corsi a scelta tra i seguenti#		
Cloud data management	6	2	Parellisme avancé	3	3
Data mining	6	2	Solveur Progr. Par Contraintes	3	3
NOSQL Databases	6	2	Vérification de programmes en PPC	3	3
Requirements engineering	6	1	Systèmes dynamiques finis	3	3
Innovative telecommunication systems	6	2	Complexité avancée	3	3
Security risk management	6	2	Théorie des graphes avancée	3	3
Data science for business	6	2	Type Systems	3	3
Web services	6	2	Preuves et programmation fiable	3	3
Software project management	6	1	Optimisation de performances de code	3	3
Computational logic	6	2	Model Checking	3	3
Process algebras	6	1	Sécurité opérationnelle	3	3
Models for biological systems	6	1	Modélisation Avancée PPC/PL	3	3
Fundamentals of distributed ledgers	6	2			
ECTS obbligatori			ECTS obbligatori		
Prova finale (Preparazione tesi di laurea 28 cfu + Dis- sertazione finale 1 cfu)	29		STAGE	30	4
Progettazione tesi	1		TER	6	3
totale	60		totale	60	

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