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UE	Course	ECTS	Language
JIN5U1B	ALGORITHMS & PROGRAMMING -1	10	
	Web Programming		
	Algorithms, Programming and Data Structures I		
	Artificial Intelligence and Games		
	Imperative programming: C language		
	Project		
JIN5U2A	MATHEMATICS & APPLICATIONS -1	6	
	Reasoning and Algebraic Structures for Computing I		
	Reasoning and Algebraic Structures for Computing II		
	Cryptography		
JIN5U4B	HARDWARE & NETWORKS -1	7	
	Hardware - Software Interface		
	Hardware - Software Interface		
	Introduction to Networks		
	Logic		
JIN5U3C	HUMANITIES - S5	2	
	Man Machine Interaction		
	English		
	English TOEIC		
	Companies organisation (*)		
	Information and Communication Technology		





















BACHELOR, 3rd Year - 2nd Semester (S6) [JIN6ST0]




















UE	Course	ECTS	Language
JIN6U1A	ALGORITHMS & PROGRAMMING -2	9	
	Graph Algorithms		
	Object-oriented Programming (C++)		
	Data Bases		
JIN6U2C	MATHEMATICS & APPLICATIONS -2	7	
	Automates, languages and compilation		
	Analysis for IT		
	Numerical methods		
JIN6U5A	HARDWARE & NETWORKS -2	4	
	Computer Architecture		
	Project		
JIN6U3B	UE HUMANITIES - S6	7	
	English		
	English TOEIC		
	Corporate finance (*)		
	Discovery course (*)		
JIN6U4	3rd YEAR INTERNSHIP	3	 / 



MASTER, 1st Year - 1st Semester (S7) [JIN7ST0]

UE	Course	ECTS	Language
JIN7U1B	INFORMATION SYSTEMS	9	
	Human-Machine Interfaces		
	Information Theory		
	Object Oriented Programming: Java Language		
	Probability, Statistics and Applications		
JIN7U2A	ALGORITHMS & PROGRAMMING -3	9	
	Operating systems		
	Networks		
	Security		
JIN7U4A	ENGINEERING	6	
	Software Engineering		
	Object Modelling and Design		
	Project		
JIN7U3B	HUMANITIES - S7	5	
	English		
	English TOEIC		
	Project management (*)		
	Business management and Marketing (*)		
	Career plan - 1 (*)		
	Quality management (*)		


MASTER, 1st Year - 2nd Semester (S8) [JIN8ST0]

UE	Course	ECTS	Language
JIN8U1A	HARDWARE & NETWORKS -3	7	
	Distributed systems and applications		
	Web et mobile applications		
	Machine Learning		
	Advanced Data Bases		
	Multimedia compression		
	Project		
JIN8U2	HUMANITIES - S8	5	
	English		
	English TOEIC		
	Human relationship management (*)		
	Sustainable development (*)		
JIN8U3A	OPTION/TRACK 1: InSI -S8	12	
	Information System Design		
	Cloud Computing		
	Data Analytics		
	Enterprise Software Architecture		
JIN8U4A	OPTION/TRACK 2: RéVA -S8	13	
	Optimisation		
	Image Analysis		
	Geometric Modelling		
	Computer generated images and visualisation		
JIN8U6A	4th YEAR INTERNSHIP	6	 / 

UE	Course	ECTS	Language
JIN9U5	HUMANITIES - S9	6	
	ICT Law		
	Innovation and entrepreneurship - 2 (*)		
	English		
	English TOEIC		
	Business Law		
JIN9U7A	OPTION/TRACK 1: InSI - S91	12	
	Datawarehousing		
	Foundation and Engineering of Big Data		
	Foundation and Engineering of Semantic Web		
	Personnallization and Recommendation Systems		
JIN9U7B	OPTION/TRACK 1: InSI - S92	6	
	Urbanisation & Gouvernance of Information Systems		
	Advanced security of Information Systems		
	Web services		
JIN9U7C	OPTION/TRACK 1: InSI - S93	6	
	Final-year Project		
JIN9U2A	OPTION/TRACK 2: RéVA - S91	9	
	Virtual Reality		
	Virtual Worlds		
	Advanced Image Analysis		
	Computer Vision		
JIN9U2B	OPTION/TRACK 2: RéVA - S92	9	
	Application Architectures for VR and AR		
	Social Media and Big Data		

	3D on the Web	
JIN9U2C	OPTION/TRACK 2: RéVA - S93	6
	Final-year Project	

MASTER, 2nd Year - 1st Semester (S9) [JIN9ST0]

UE	Main course	ECTS	Language
JIN10U1	WORK PLACEMENT III (Internship)	30	 / 