

Global courses list - EXCHANGE STUDENTS

SEMESTER	LEVEL	Teaching Unit	Course Code	Course	ECTS	
Year 1	FALL	Bachelor YEAR 1 - INFO SUP	Mathematics	MATHS 101	Mathematics 1	8
			Algorithms	ALGO 101	Algorithms 1	6
			Programming	PROG 101	Programming and Languages 1	5
			Engineering Sciences	COMP 101	Computer Architecture 1	2
			Engineering Sciences	ELEC 101	Electronics 1	2
			Engineering Sciences	PHYS 101	Physics 1	2
			Humanities	HUM_404_FLE3	French courses	2
			Humanities	HUM 103	General English 1	2
	SPRING	Bachelor YEAR 1 - INFO SUP	Humanities	HUM 105	Technical English 1	1
			Mathematics	MATHS 102	Mathematics 2	8
			Algorithms	ALGO 102	Algorithms 2	6
			Programming	PROG 102	Programming and Languages 2	5
			Engineering Sciences	COMP 102	Computer Architecture 2	2
			Engineering Sciences	ELEC 102	Electronics 2	2
			Engineering Sciences	PHYS 102	Physics 2	2
			Humanities	HUM_404_FLE3	French courses	2
Year 2	FALL	Bachelor YEAR 2 - INFO SPE	Humanities	HUM 104	General English2	2
			Humanities	HUM 106	Technical English 2	1
			Mathematics	MATHS 201	Mathematics 3	8
			Algorithms	ALGO 201	Algorithms 3	6
			Programming	PROG 201	Programming and Languages 3	5
			Engineering Sciences	PHYS 201	Computer Architecture 3	2
			Engineering Sciences	COMP 201	Electronics 3	2
			Engineering Sciences	ELEC 201	Physics 3	2
	SPRING	Bachelor YEAR 2 - INFO SPE	Humanities	HUM_404_FLE3	French courses 3	2
			Humanities	HUM 203	General English 3	2
			Humanities	HUM 206	Social Studies 3	1
			Mathematics	MATHS 202	Mathematics 4	8
			Algorithms	ALGO 202	Algorithms 4	6
			Programming	PROG 202	Programming and Languages 4	5
			Engineering Sciences	COMP 202	Computer Architecture 4	2
			Engineering Sciences	ELEC 202	Electronics 4	2
Engineering Sciences	PHYS 202	Physics 4	2			
Humanities	HUM_404_FLE3	French courses	2			
Humanities	HUM 204	General English 4	2			
Humanities	HUM 207	Social Studies 4	1			

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MASTER OF COMPUTER SCIENCE YEAR 1- Fundamental Period						
Year 3	FALL & SPRING	MSc FUND core	Business Exposure	MET_417_PMA	Project management (#1)	4
			Business Exposure	MET_400_BUWI	Business & Technical Writing	2
			Business Exposure	NA	Digital Marketing and Social Media Strategy	2
			Cultural Integration	HUM_319_FLE1	French language program MSc (A1)	3
			Cultural Integration	MAN_402_CSS	Getting over the culture shock	2
			Technical Skills	INF_403_ALGM	Advanced Algorithmic	3
			Technical Skills	INF_467_DFCN	Data Flow and Computer Networks	2
			Technical Skills	INF_466_DRNA	Digital Risk Management	2
			Technical Skills	INF_400_ITO	Information Technologies Overview	3
			Technical Skills	INFO_404_OOP	OOA & UML & Java	4
			Technical Skills	SYS_403_UNIOS	Operating Systems : Unix	3
		MSc FUND - elective	Business Exposure	FIN_402_CFM	Corporate Finance	2
			Business Exposure	INF_465_P_RI1	Project for Research & Innovation (#1)*	3
			Cultural Integration	NA	Cultural Integration Workshop	2
			Technical Skills	NA	Databases	2
			Technical Skills	NA	Introduction to Python	2
			Technical Skills	NA	Data Privacy by Design	2

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SEMESTER	LEVEL	Teaching Unit	Course Code	Course	ECTS	
MASTER OF COMPUTER SCIENCE YEAR 2 - Computer Security						
Year 4	FALL & SPRING	MSC - CS S9- core	Advanced Management & Engineering Science	MAN_517_CHMA	Change Management	2
			Advanced Management & Engineering Science	MAN_516_CBM	Cross-border Management	2
			Advanced Management & Engineering Science	MAN_505_KMI	Knowledge Management & Innovation - Theory and practice	3
			Advanced Security	SYS_503_ISSI	Digital Forensics & Incidence Response	2
			Advanced Security	SYS_524_MALA	Malware Analysis	3
			Advanced Security	NET_523_NSEC	Secured Network Architecture	2
			Advanced Security	INF_512_SOS	Software & Database Security	2
			Advanced Security	SYS_500_USAD	Unix System Administration *	3
			Advanced Security	NET_519_WESE	Web Security	2
			Business Exposure	HUM_404_FLE2	French language program MSc (A2-B1)	3
			Business Exposure	HUM_406_INWE	International Week	1
			Security & Management	MAT_510_CRYM	Introduction to Cryptology	3
			Security & Management	SYS_501_PKI	PKI, DMZ & Proxy	2
		MSC - CS S9- elective	Advanced Security	SEC_500_PENT	Penetration Testing	2
			Business Exposure	MAN_501_CPE	Career Project Elaboration	1
			Business Exposure	INF_465_P_RI2	Project for Research & Innovation (#2)	4
			Security & Management	SEC_501_PYSEC	Python for Security	1

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MASTER OF COMPUTER SCIENCE YEAR 2 - Information Systems Management						
Year 4	FALL & SPRING	MSC - ISM S9- core	Advanced Management & Engineering Science	MET_513_APMA	Advanced PM: Scrum / Agile	2
			Advanced Management & Engineering Science	MAN_517_CHMA	Change Management	2
			Advanced Management & Engineering Science	MAN_516_CBM	Cross-border Management	2
			Advanced Management & Engineering Science	MAN_524_GNIT	Green IT	1
			Advanced Management & Engineering Science	MET_509_ITILM	ITIL	2
			Advanced Management & Engineering Science	MAN_505_KM	Knowledge Management & Innovation - Theory and practice	3
			Business Exposure	HUM_404_FLE2	French language program MSc (A2-B1)	3
			Enterprise Information Systems	SIB_504_BIDWM	Business Intelligence (BI) & Data Warehouses	2
			Enterprise Information Systems	MAN_502_CRM	Customer Relationship Management (CRM)	3
			Enterprise Information Systems	MAN_413_MANSI	Information Systems Management	2
			Enterprise Information Systems	MAN_520_GOUVIT	IT Governance	2
			Enterprise Information Systems	FIN_507_ITPR	IT Purchase	2
			Enterprise Information Systems	MAN_507_SCMA	Supply Chain Management (SCM)	2
			Enterprise Information Systems	MAN_504_ITS	IT Strategy, Software Costs and ROI	2
			MSC - ISM S9- Elective	Business Exposure	MAN_501_CPE	Career Project Elaboration
		Business Exposure		HUM_406_INWE	International Week	1
		Business Exposure		INF_465_P_RI2	Project for Research & Innovation (#2)*	4
		Enterprise Information Systems		FIN_503_FITM	Finance for IT Managers	1
		Enterprise Information Systems		MAN_503_ERPM	How to succeed implementing an ERP Project	2



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MASTER OF COMPUTER SCIENCE YEAR 2 - Software Engineering						
Year 4	FALL & SPRING	MSC - SE S9- Core	Advanced Management & Engineering Science	MET_513_APMA	Advanced PM: Scrum / Agile	1
			Advanced Management & Engineering Science	MAN_517_CHMA	Change Management	2
			Advanced Management & Engineering Science	MAN_516_CBM	Cross-border Management	2
			Advanced Management & Engineering Science	MET_509_ITILM	ITIL	1
			Advanced Management & Engineering Science	MAN_505_KMI	Knowledge Management & Innovation - Theory and practice	3
			Advanced Programming	INF_517_CSHA	.NET and C# Programming	3
			Advanced Programming	NA	Advanced C	1
			Advanced Programming	SIB_412_BADOA	Advanced Databases	1
			Advanced Programming	INF_511_JAVAM	Advanced Java Programming	3
			Advanced Programming	INF_524_AWDEV	Advanced Web Development	3
			Advanced Programming	INF_512_SOSE	Software & Database Security	1
			Advanced Programming	MET_514_SIQA	Software Industrialization	1
			Advanced Programming	NA	Structured Data & Transportation	1
			Business Exposure	HUM_404_FLE2	French language program MSc (A2-B1)	3
			Mobile Application Development	INF_518_MADAN	Android Software Stack	2
		Mobile Application Development	INF_519_MADIOS	Mobile Application Development based on iOS	2	
		MSC - SE S9- Elective	Advanced Programming	MET_311_QMDL	Software Quality Assurance	2
			Business Exposure	MAN_501_CPE	Career Project Elaboration	1
			Business Exposure	HUM_406_INWE	International Week	1
			Business Exposure	INF_465_P_RI2	Project for Research & Innovation (#2)*	4

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