Courses overview 2024-2025

ESIEE PARIS

Check the language of teaching with the "Language" column filter
("EN" English / "FR" French)

4th Year (E4/B4/Master) - Semester 1 Period 1 (September - October)

Code	Course Title	Time Slot	ECTS	Language
AIC-4101A	Introduction to cybersecurity	A	3	EN
AIC-4101C	Machine Learning	C	3	EN
BIO-4103C	Biosensors and medical instrumentation	C	3	EN
CYB-4102C	Advanced Linus Operating System	C	3	EN
INF-4102B	(Algo 1) Algorithm Design	B	3	EN
MSH-4102D	Intercultural management and communication	D	2	EN
OBL-4101	Traitement du signal / Signal processing	F	3	EN
OUAP-4116	Optoelectronics	E	3	EN
OUAP-4117	Hands on 3D technologies programming	E	3	EN
OUAP-4119	Programming and computing tools	E	3	EN
SEI-4101B	Sensors and Conditioning Circuits	B	3	EN
SEI-4101C	Introduction to MEMS and microelectronics principles	C	3	EN

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Some changes are possible

Février 2023

4th Year (E4/B4/Master) - Semester 1 Period 2 (November - December)

Code	Course Title	Time Slot	ECTS
AIC-4201C	Deep Learning	C	3
AIC-4202A	Software Security	A	3
AIC-4202B	System Security	B	3
AP-4201	Hands on Electronics PCB	F	3
AP-4206	Graphes - Algorithmes	F	3
INF-4201C	HPC (2) - distributed programming	C	3
INF-4202B	Algo (2) - Applied Algorithms: Strings and Images	B	3
MSH-4208D	French business Culture and Communication	D	2
OUAP-4204	Optimal estimation and control	E	3
OUAP-4212	General Introduction to IoT	E	3
OUAP-4213	Introductions to robotics	E	3
OUAP-4221	Acquisition and Signal processing in biomedical applications	E	3
OUAP-4227	Introduction to image analysis		3
PR-4201B	Project (Topic on Demand)	B	3

4th Year (E4/B4/Master) -
Semester 2 (January end - June)

Code	Course Title	Time Slot		ECTS	Language
AIC-4301B	Data Science	B		3	EN
AIC-4301C	Artificial Intelligence	C		3	EN
AIC-4302A	Networks Security (ex-AIC-4201A	A		3	EN
BIO-4303C	Immonology	C		3	EN
DSIA-4302C	Deep & reinforcement Learning	C		3	EN
ENE-4301A	Dynamic simulation of energy sy	A		3	EN
ENE-4302C	Energy Lab	C		3	EN
GI-4301A	Inventory management				
GI-4302B	Production Scheduling	B		3	EN
GI-4303A	Inventory management	A		3	EN
INF-4302B	Algo (3) - Optimisation Algorithn	B		3	EN
MSH-4309D	International Management	D		3	EN
OUAP-4315	Life Cycle Analysis	E		3	EN
OUAP-4320	Clean-room	E		3	EN
OUAP-4330	Android development for Smart	E		3	EN
OUAP-4331	Android development for Smart	E		3	EN
PR-4301B	Project (topic on demand)	B		3	EN
PRJ-4000S2	Project for exchange students (t	F		15	EN
SEI-4301C	RF Modules	C		3	EN

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5th Year (E5/MasterB4/) - Semester 1 - Period 1 (September - October)

Code	Course Title	Time Slot	ECTS	Language
AIC-5101A	Penetration testing	A	3	EN
AIC-5101C	AI and Security Cloud Services	C	3	EN
AIC-5102B	Natural language processing	B	3	EN
ENE-5101A	Building energy modeling	A	3	EN
IT-5106E	IoT	E	3	EN
IT-5112E	Chair IBM - AI beyond performance metric	E	3	EN
MSH-5104D	Corporate Profiling	D	3	EN
FLE-1-E5	French as a Foreign Language	L	3	FR

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5th Year (E5/Master B4/) - Semester 1 - Period 2 (November - December)

Check the language of teaching with the
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Code	Course Title	Time Slot	ECTS	Language
AIC-S202A	Perception and AI		3	EN
AIC-S202B	DevSecOps		3	EN
AIC-S201C	Deep-Learning and its Applications	C	3	EN
BIO-S204B	Health knowledge representation and management	B	3	EN
ENE-S202B	Smart grids	B	3	EN
ENE-S203C	Computational Fluid dynamics	C	3	EN
FLE-1-E5	French as a Foreign Language	L	(continuing)	FR
INF-S204C	Computer Graphics and OpenGL	C	3	EN
IS-S205E	MEMS sensors	E	3	EN
IT-S206E	Distributed control systems	E	3	EN
SEI-S201C	Antennas for Embedded Systems	C	3	EN

Semester 1 - September - January

Code	Course Title	ECTS	Language
MOT1-FLE	French as a Foreign Language for non-French speakers	3	FR
MOT1-IS1a	Digital Transformation of the Enterprise	3	EN
MOT1-IS1b	Statistics Analysis	1	EN
MOT1-IS1c	Information Systems Project Management (online course from Turku Univ Finland)	6	EN
MOT1-IS2	Requirements Engineering	2	EN
MOT1-IS4	Introduction to SAP-ERP	2	EN
MOT1-IPM1	International Project Management 1	2	EN
MOT1-STRAT1	Strategic Management, Innovation and Change Management	3	EN
MOT1-NEGO	Negociation	3	EN
MOT1-FBC	Intercultural Management	2	EN
MOT1-Project 1	MOTIS Project	7	EN
Total		**34**	

MSc. Management of Technologies - Information Systems   Number of seats restricted

Semester 2 - February – June

Code	Course Title	ECTS	Language
MOT2-CLC	Creative Leadership and Communication	2	EN
MOT2-DM	Digital Marketing	2	EN
MOT2-FIN	Introduction to Corporate Finance / Accounting	2	EN
MOT2-FLE	French as a Foreign Language for non-French speakers	3	FR
MOT2-GDP	Economic Intelligence	2	EN
MOT2-GEO	Introduction to Geopolitics	2	EN
MOT2-IPM	International Project Management , including Agile methods	3	EN
MOT2-IS3	Introduction to Service Science	2	EN
MOT2-IS5.a, b & c	Database creation, Management Data Analytics, Data Science and Machine I	3	EN
MOT2-IS6	Cybersecurity	2	EN
MOT2-Project 2	Motis Project	7	EN
MOT2-SIM	Management Simulation	2	EN
Total		**32**	