

Studies Plan

Management, technologie et entrepreneuriat 2023-24

Block 1

Courses				Master 1	Master 2	Exam Session	Exam	Credit	
Language	Code	Section	Teacher	Specialization	on p	l e p			
E	Accounting for finance FIN-411	IF	Cauvin	2h			Win	Written	2
E	Applied corporate & industry analysis MGT-410	MTE	De Groot			1h 2h	Sum	During the semester	3
E	Applied probability & stochastic processes MGT-484	MTE	Sutter	2h	2h		Win	Written	4
E	Introduction to econometrics MGT-581	MTE	Aklin			2h 2h	Sum	Written	4
E	Performance Management MGT-510	MTE	Cauvin	2h			Win	Written	2
E	Principles of finance MGT-482	MTE	Isakov	2h	2h		Win	Written	5
E	Principles of microeconomics MGT-454	MTE	Mack	3h	1h		Win	Written	4
	HSS : Introduction to project SHS						Win		3
	HSS : Project SHS						Sum		3

Group 1

Courses				Master 1		Master 2		Exam Session	Exam	Credit	
Language	Code	Section	Teacher	Specialization	on p	l	e	p			
E	Applied data analysis CS-401	SC	West	2h	2h				Win	Written	8
E	Causal inference MGT-416	MTE				2h	1h		Sum	During the semester	4
E	Climate entrepreneurship MGT-420	MTE	Wadhwa	2h	1h				Win	During the semester	5
E	Computational Social Media DH-500	DH	Gatica-Perez			2h	1h		Sum	During the semester	4
E	Continuous improvement of manufacturing systems ME-498	GM	Kaboli			2h	2h		Sum	During the semester	5
E	Convex optimization MGT-418	MTE	Kuhn	2h	2h				Win	Written	5
E	Corporate strategies for global sustainability MGT-422	MTE		3h	1h				Win	During the semester	4
E	Corporate strategy MGT-400	MTE	Schad	3h					Win	During the semester	4
E	Data science for business MGT-432	MTE	Dunbar	3h	1h				Win	During the semester	6
E	Design in innovation: creation for adoption MGT-406	MTE	Henchoz Laperrouza			2h	2h		Sum	During the semester	4
E	Entrepreneurship & new venture strategy MGT-413	MTE	Bavato Gruber			2h	1h		Sum	During the semester	4
F	Fundamentals of machine learning EE-311	EL	Liebling			2h	2h		Sum	Written	4
E	Information: strategy & economics MGT-431	MTE	Weber	3h					Win	During the semester	4
	Innovation & entrepreneurship in										

E	engineering MGT-555	MTE	Michaud Weber	2h	8h		Win	During the semester	10	
E	Innovation management MGT-423	MTE	Erden Özkol		3h		Sum	During the semester	4	
F	Logistics and demand analysis MGT-426	MTE	Wieser		2h	1h	Sum	During the semester	4	
E	Machine learning CS-433	IN	Flammarion Jaggi	4h	2h		Win	Written	8	
E	Management of intellectual property MGT-404	MTE	de Rassenfosse		2h	1h	Sum	Oral	3	
E	Mathematics of data: from theory to computation EE-556	EL	Cevher	3h	3h		Win	Written	6	
E	Optimal decision making MGT-483	MTE	Kuhn		2h	2h	Sum	Written	4	
E	Production management ME-419	GM	Kaboli	2h	2h		Win	During the semester	5	
F	Project management and risk analysis MGT-427	MTE	Wieser	2h	1h		Win	During the semester	4	
E	Reinforcement learning EE-568	EL	Cevher		2h	2h	2h	Sum	Oral	6
E	Statistical inference and machine learning MGT-448	MTE	Kiyavash	2h	2h		Win	Written	4	
E	Statistics for data science MATH-413	MA	Rubin		4h	2h	Sum	Written	8	
E	Strategic marketing & technology commercialization MGT-401	MTE	Eckardt	3h			Win	During the semester	4	
E	Supply chain management MGT-526	MTE	Seifert		3h		Sum	During the semester	4	
E	Technology, sustainability and public policy MGT-450	MTE	Aklin		2h	2h	Sum	Written	4	
E	Technology & innovation strategy MGT-414	MTE	Fernandes Rodrigues Alves		2h	1h	Sum	During the semester	3	
E	Value chain management in practice MGT-417	MTE	Riboni	3h			Win	During the semester	4	
E	Venture capital FIN-522	IF	Fahlenbrach	3h			Win	Written	4	

Group 2

Courses			Master 1		Master 2	Exam Session	Exam	Credit		
Language	Code	Section	Teacher	Specialization	p	l	e	p		
E	Energy supply, economics and transition ENG-410	SIE	Ballif Binder Thalmann			2h		Sum	Written	2
E	Foundations of digital humanities DH-405	DH	Kaplan	4h	2h			Win	During the semester	6
E	Global business environment FIN-523	IF	Felli	2h	1h			Win	During the semester	4
E	Globalisation, robotics and the future of work MGT-464	MTE	Baldwin	2h				Win	Written	4
E	Intercultural presentation skills MGT-469	MTE	Everett	1h	1h			Win	During the semester	2
E	Leading and managing in a global context MGT-468	MTE	Winzenried			3h		Sum	During the semester	4

E	Negotiation techniques MGT-466	MTE	Canning Wacker	1h	1h	Sum	During the 2 semester
E	New space economy MGT-462	MTE	Röttgen	1h	1h 1h	Win	During the 3 semester
E	Power system restructuring and deregulation EE-570	EL	Cherkaoui	2h	1h	Sum	During the 3 semester
E	Practical business law MGT-455	MTE	Dorthe	3h		Sum	Written 4
E	Transitions, sustainability and technology policy MGT-408	MTE	Foray	2h	1h	Sum	During the 4 semester

Master project

Courses				Master 1	Master 2	MP Autumn	MP Spring	Exam Session	Exam	Credit			
Language	Code	Section	Teacher	Specialization	p	l	e	p	l	e	p		
E	Engineering internship credited with master project (master in Management of Technology and Entrepreneurship)												
E	MGT-597	MTE	Profs divers		320h		320h		320h	320h	Sum Win	Term paper 0	
E	Master project in Management of Technology												
E	MGT-599	MTE	Profs divers				900h		900h		Sum Win	Oral	30