

Studies Plan

Management durable et technologie 2024-25

Block 1: Technology Courses

Lang.	Courses			Master 1			Master 2			Master 3			Exam Session	Exam	Credit	
	Code	Sect.	Teacher	Specialization	C	E	L	T	P	I	C	E				L
E	Data science and machine learning															
E	MGT-502	MTE	Vlachos					3h	2h					Sum	During the semester	5
E	Energy supply, economics and transition															
E	ENG-410	SIE	Ballif Binder Thalman					2h						Sum	Written	2
E	Environmental assessment and reporting															
E	MGT-504	MTE	Friot					2h	1h					Sum	During the semester	4
E	Science of climate change															
E	ENV-410	MTE	Schmale				2h	1h	1h					Win	Written	4
E	Statistics and data science															
E	MGT-499	MTE	Chiarotti Gallea Thurm				2h	2h						Win	During the semester	4
E	Sustainable logistics operations															
E	MGT-530	MTE	Gallay					2h	2h					Sum	During the semester	4
E	Technology, sustainability and public policy															
E	MGT-450	MTE	Aklin				2h	2h						Win	Written	4

Block 2: Economics & Management

Lang.	Courses			Master 1			Master 2			Master 3			Exam Session	Exam	Credit	
	Code	Sect.	Teacher	Specialization	C	E	L	T	P	I	C	E				L
E	Economics for challenging times															
E	MGT-494	MTE	Gallea Laurent-Lucchetti Thoenig					4h						Win	Oral	6
E	ESG accounting and reporting															
E	MGT-556	MTE	Hoos Melloni							2h				Win	During the semester	3
E	Marketing & sustainability in a digital world															
E	MGT-532	MTE	Dalsace							2h				Sum	During the semester	3
E	Strategy, sustainability and innovation															
E	MGT-475	MTE	Bonardi Bouquet					2h						Win	During the semester	3
E	Sustainable & entrepreneurial finance															
E	FIN-429	MTE	Jondeau Mitali							4h				Sum	During the semester	5
E	Systems thinking															
E	MGT-505	MTE	Nick							3h	1h			Sum	During the semester	4

Block 3 : Transferable skills and team projects

Courses			Master 1					Master 2					Master 3					Exam Session	Exam	Credit					
Lang.	Code	Sect.	Teacher	Specialization	En	L	T	P	I	C	E	L	T	P	I	C	E	L	T	P	I				
E	MGT-545	MTE														1h					Win	During the semester	3		
Communication for impact																									
E	MGT-487	MTE	Chevallier																		Win	During the semester	3		
Complex problem solving in organizations																									
E	MGT-495	MTE	Palazzo																		Win	During the semester	3		
Introduction to ethics & critical thinking																									
E	MGT-535	MTE	Profs divers Wicki																		10hWin	During the semester	10		
Transformative project																									

Block 4: Electives

Courses			Master 1					Master 2					Master 3					Exam Session	Exam	Credit					
Lang.	Code	Sect.	Teacher	Specialization	En	L	T	P	I	C	E	L	T	P	I	C	E	L	T	P	I				
E	MGT-540	MTE	Markarian Lavetsky													2h	1h				Win	During the semester	3		
Advanced sustainable accounting and finance																									
E	HEC-500	MTE	Gallay Profs divers													4h					Win	During the semester	6		
Business and society - corporate sustainability																									
E	ME-409	GM	Maréchal Nguyen													2h	1h		1h		Win	Written	4		
Energy conversion and renewable energy																									
E	CIVIL-424	GC	Terzis													2h	1h				Win	During the semester	3		
Innovation for construction and the environment																									
E	MGT-536	MTE	Brunner De Werra Fischer Glauser Jaccard													3h			1h		Win	During the semester	4		
Legal aspect of sustainability & digitalisation																									
E	ENV-510	EL	Margni													2h	1h				Win	Written	3		
Life cycle assessment in energy systems																									
E	ENV-501	SIE	Binder Felix Martin Del Campo													2h	1h		1h		Win	Written	4		
Material flow analysis and resource management																									
E	MGT-541	MTE	Coutu													2h			1h		Win	During the semester	3		
Nature finance																									
E	HEC-501	MTE	Gallay Profs divers													4h					Win	During the semester	6		
Risk analytics																									
E	ENV-402	SIE	Lüthi													2h	1h				Win	Written	3		
Sanitary engineering for development																									
E	HEC-502	MTE	Gallay Profs divers													2h					Win	During the semester	3		
Social innovation Lab																									

E	Social norms change HEC-503	MTE	Gallay Profs divers						4h		Win	During the 6 semester
E	Sustainability in the global context MGT-470	MTE	Baldwin						2h		Win	Written 4
E	Sustainable transformation and future-fit business MGT-546	MTE	Chahidi						2h	1h	Win	During the 3 semester
E	Value chain management in practice MGT-417	MTE	Riboni						3h		Win	During the 4 semester

Group: Leadership competencies & development & integration

Courses			Master 1					Master 2					Master 3					Exam Session	Exam	Credit				
Lang.	Code	Sect.	Teacher	Specialization	En	L	T	P	I	C	E	L	T	P	I	C	E	L	T	P	I			
E	Improve organizational & societal effectiveness MGT-579	MTE	Mischke Jaep Pfluger																			2h	Win	During the 3 semester
E	Improve your group effectiveness MGT-477	MTE	Mischke Jaep Pfluger																			2h	Sum	During the 3 semester
E	Improve your personal effectiveness MGT-476	MTE	Mischke Jaep Pfluger																			2h	Win	During the 3 semester

Master project

Courses			MP Autumn					MP Spring					Exam Session	Exam	Credit									
Lang.	Code	Sect.	Teacher	Specialization	En	L	T	P	I	C	E	L	T	P	I									
E	Master project in sustainable management and technology MGT-589	MTE	Profs divers																			900h	Sum Win	Oral 30