

Studies Plan

Mineur : Ingénierie pour la durabilité 2023-24

Minor in Engineering for sustainability

	Courses			Exam Session	Exam	Credit
Language	Code	Section	Teacher			
E	Air pollution ENV-409	SIE	Reimann Bhend Takahama	Sum	Written	5
E	Behind/Beyond future cities AR-496	AR	Coccolo Mauree	Sum	Oral	3
E	Building design in the circular economy AR-497	AR	Fivet	Win	Written	3
E	Catalysis for energy storage CH-421	CGC	Hu	Win	During the semester	3
F	City and mobility AR-458	AR	Drevon Kaufmann Ravalet	Sum	Written	3
E	Computational systems thinking for sustainable eng. CIVIL-534	GC	Sonta	Sum	During the semester	4
E	Design in innovation: creation for adoption MGT-406	MTE	Henchoz Laperrouza	Sum	During the semester	4
E	Development engineering ENV-470	SIE	Makohliso Schönenberger	Sum	During the semester	4
E	Energy conversion and renewable energy ME-409	GM	Maréchal Nguyen	Win	Written	4
E	Energy supply, economics and transition ENG-410	SIE	Ballif Binder Thalmann	Sum	Written	2
E	Energy systems engineering ChE-304	CGC	Luterbacher	Sum	During the semester	3
E	Environmental economics ENV-471	SIE	Thalmann	Sum	During the semester	4
E	Exploratory data analysis in environmental health ENV-444	SIE		Win	Oral	4
F	Impact studies ENG-474	GC	Devanthery Helfer Schmidt	Win	Oral	3
E	Interdisciplinary project in sustainability ENV-491	SIE	Profs divers	Sum Win	During the semester	10
E	Introduction to ethics & critical thinking MGT-495	MTE	Palazzo	Win	During the semester	3
E	Life cycle assessment in energy systems ENV-510	EL	Margni	Win	Written	3
E	Life cycle engineering of polymers MSE-430	MX	Leterrier	Win	During the semester	2
E	Lifecycle performance of product systems ME-516	GM	Friot	Sum	During the semester	3
E	Material and energy flow analysis ENV-501	SIE	Binder Hecher Moreau	Win	During the semester	4

E	Planetary health BIO-413	SV	Banwell Blokesch D'Angelo McKinney	Win	During the	4 semester
E	Process intensification and green chemistry ChE-408	CGC	Randall	Sum	Written	3
E	Recycling of materials MSE-463	MX	Leterrier	Sum	During the	2 semester
E	Sanitary engineering in developing countries ENV-402	SIE	Lüthi	Win	Written	3
E	Science of climate change ENV-410	MTE	Schmale	Win	Written	4
E	Solid waste engineering ENV-500	SIE	Ludwig	Win	During the	4 semester
E	Sustainability assessment of urban systems ENV-461	SIE	Duygan Wall Gago	Sum	During the	3 semester
F	Systems of environmental management ENV-469	SIE	Baracchini	Win	During the	2 semester
E	Transitions, sustainability and technology policy MGT-408	MTE	Foray	Sum	Written	4