

Studies Plan

Mineur : Design intégré, architecture et durabilité 2025-26

Minor : Integrated design, Architecture and Sustainability

Courses				Exam Session	Exam	Credit
Lang.	Code	Sect.	Teacher			
E	Air pollution ENV-409	SIE	Reimann Bhend Takahama	Sum	Written	5
F	Architecture and Solar energy AR-449	AR	Munari Probst	Sum	Oral	4
E	Behind/Beyond future cities AR-496	AR	Coccolo Mauree	Sum	Oral	3
E	Building design in the circular economy AR-497	AR	Fivet Küpfer	Win	Oral	3
E	Climate and water sensitive urban design ENV-526	SIE	Manoli	Sum	During the semester	4
E	Comfort and architecture: sustainable strategies AR-442	AR	Pastore Wienold	Win	Oral	3
E	Development engineering ENV-470	SIE		Sum	During the semester	4
	ENAC project for minor IDEAS PENS-494	GC	Profs divers	Sum Win	During the semester	4
E	Energy and comfort in buildings CIVIL-407	GC	Favero Khovalyg Licina Sonta	Win	During the semester	5
F	Environmental impact assesment ENG-474	GC	Chopard Devanthy Schmidt	Win	Oral	3
E	Indoor air quality and ventilation CIVIL-460	GC	Licina	Sum	During the semester	4
E	Interactive conceptual design of structural forms AR-483	AR		Win	Oral	3
F	Introduction to BIM (Building Information Modeling) AR-484	AR	Hautecoeur	Win	During the semester	3
E	Material flow analysis and resource management ENV-501	SIE	Binder Felix Martin Del Campo	Win	Written	4
E	Modelling and optimization of energy systems ME-454	GM	Maréchal	Win	Oral	4

Optional interdisciplinary project						
E	CIVIL-493	GC	Profs divers	Sum Win	During the semester	4
Restore, transform and create - Practices						
F	AR-406	AR	Devaux	Win	Oral	3
Summer workshop						
	PENS-491	GC	Profs divers	Win	During the semester	4
Sustainability assessment of urban systems						
E	ENV-461	SIE	Binder	Sum	Written	3
Thermodynamics of comfort in buildings						
E	CIVIL-450	GC	Khovalyg	Sum	During the semester	3
UE K : Architecture and Sustainability : performance studies						
F	AR-440	AR	Fivet Pastore Regazzoni Rey	Win	During the semester	4
UE R: Introduction to BIM (Building Information Modeling)						
E	AR-435	AR	Hautecoeur	Sum	During the semester	4