

Studies Plan

Mineur : Design intégré, architecture et durabilité 2023-24

Minor : Integrated design, Architecture and Sustainability

Courses			Exam Session	Exam	Credit	
Language	Code	Section	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	3
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	Comfort and architecture: sustainable strategies AR-442	AR	Andersen Pastore Wienold	Win	Oral	3
E	Development engineering ENV-470	SIE	Makohliso Schönenberger	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 ENG-445	GC	Licina Sonta	Win	During the semester	4
F	Impact studies ENG-474	GC	Devanathéry Helfer 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 and energy flow analysis ENV-501	SIE	Binder Signer Hecher Moreau	Win	During the semester	4
E	Modelling and optimization of energy systems ME-454	GM	Maréchal	Win	Oral	4
E	Optional interdisciplinary project CIVIL-493	GC	Profs divers	Sum Win	During the semester	4
E	Recycling of materials MSE-463	MX	Leterrier	Sum	During the semester	2
	Summer workshop PENS-491	GC	Profs divers	Win	During the semester	4
E	Sustainability assessment of urban systems ENV-461	SIE	Binder Signer Duygan	Sum	During the semester	3
F	Systems of environmental management ENV-469	SIE	Baracchini	Win	During the semester	2

	The preservation project: theories and techniques				
<i>F</i>	<i>AR-434</i>	<i>AR</i>	<i>Marino</i>	<i>Win</i>	<i>Oral</i> 3
	Thermodynamics of comfort in buildings				
<i>E</i>	<i>CIVIL-450</i>	<i>GC</i>		<i>Sum</i>	<i>During the</i> 3 <i>semester</i>
	UE K : Architecture and Sustainability : performance studies				
<i>F</i>	<i>AR-440</i>	<i>AR</i>	<i>Andersen</i> <i>Fivet</i> <i>Fumeaux</i> <i>Pastore</i> <i>Rey</i>	<i>Win</i>	<i>During the</i> 4 <i>semester</i>
	UE R: Introduction to BIM (Building Information Modeling)				
<i>F</i>	<i>AR-435</i>	<i>AR</i>	<i>Hautecoeur</i>	<i>Sum</i>	<i>During the</i> 4 <i>semester</i>