

1st year

	CLASSES	CREDITS
SEMESTER 1	Soft & Human Skills 1	5
	Mathematics 1	5
	Computer Science / Computing	5
	Fluid Mechanics 1	5
	Fluid Mechanics 2	5
	Mechanics 1	5
	CLASSES	CREDITS
SEMESTER 2	Soft & Human Skills 1	5
	Mathematics 2	5
	Signal and Control Systems	5
	Fluid Mechanics 3	5
	Scientific Computing 1	5
	Hydraulics	5

2nd year

	CLASSES	CREDITS
SEMESTER 3	Soft & Human Skills 3	5
	Fluid Mechanics 4	5
	Fluid Mechanics 5	5
	Mechanics 2	5
	Scientific Computing 2	5
	Transfer	5

SEMESTER 4	Track	CLASSES	CREDITS
	Water and Environment	Soft and Human Skills (Coefficient 5)	30
		Choice of UE PROJECT MF2E S8 (Coefficient 10)	
		HYDRODYNAMICS AND STRUCTURES (5 ECTS credits)	
		TRANSFER IN POROUS MEDIA (5 ECTS credits)	
		CLIMATE PROJECT BASED LEARNING, METEOROLOGY, WATER RESOURCES (5 ECTS credits)	
	CLASSES	CREDITS	
	Energy - FEP	Soft and Human Skills (Coefficient 5)	30
		Choice of UE PROJECT MF2E S8 (Coefficient 10)	
		AERODYNAMICS (5 ECTS credits)	
INDUSTRIAL SYSTEMS (5 ECTS credits)			
MULTI-SCALE PROCESSES (5 ECTS credits)			

3rd year

SEMESTER 5	Track	CLASSES	CREDITS
	Fluids, energy and processes	Energy and processes	30
		Modeling and simulation	
		Flowing particles	
		Reactive media	
		Combustion	
		Soft & Human Skills	
	CLASSES	CREDITS	
	Water and Environmental Sciences	Eco-energy	30
		Advanced Hydrology	
Hydrologiy			
Environmental flow			
Transport and mixing			
Soft & Human Skills			

	Modeling and numerical simulation	Numerical methods and optimization Digital Projects Aerodynamic Physical modeling and propulsion Basic elements for advanced simulation Soft & Human Skills	30
SEMESTER 6	End-of-Studies Internship (March to September)	Students carry out their end-of-studies internship in companies (possibly in laboratories), in France or abroad. Many internship offers are sent to ENSEEIHT by companies. Additionally, forums are organized to assist students in finding their internships.	30