

Programme de Master (mobilité)

Duwaerts
 Chloé
 BA3 IRCI Option Electromécanique - Energie
 Johan Gyselincx
 Université Libre de Bruxelles ULB (BRUXEL04)
 Ecole Polytechnique Fédérale de Lausanne EPFL
 2023-2024
 Swiss-European Mobility Programme (SEMP) - SMS



	Mnémonique	Titre	ECTS	Lieu
MA1 Q1	ChE-407	Electrochemical engineering	3	EPFL
	ME-320	Product development and design	3	EPFL
	ENV-424	Water resources engineering	5	EPFL
	HUM-397	Design for sustainability I	3	EPFL
	ME-468	Solar energy conversion	4	EPFL
	EE-370	Electric power systems	3	EPFL
	EE-360	Energy conversion	4	EPFL
	PHYS-443	Physics of nuclear reactors	5	EPFL
	ME-454	Modelling and optimization of energy systems	4	EPFL
	SOUS TOTAL MA1/Q1		34	
MA1 Q2	MICRO-565	Fundamentals & processes for photovoltaic devices	3	EPFL
	ME-342	Introduction aux turbomachines	2	EPFL
	EE-588	Advanced lab in electrical energy systems	4	EPFL
	ENV-470	Development engineering	4	EPFL
	HUM-398	Design for sustainability II	3	EPFL
	ME-460	Renewable energy (for ME)	4	EPFL
	ENG-410	Energy supply, economics and transition	2	EPFL
	EE-465	Industrial electronics II	4	EPFL
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	SOUS TOTAL MA1/Q2		26	
	SOUS TOTAL MA1		60	
MA2 Q1	PHYS-H514	Reliability and safety	3	ULB (BRUXEL04)
	ELEC-H529	Electric traction	3	ULB (BRUXEL04)
	GEST-H506	Energy policy and management	5	ULB (BRUXEL04)
	MEMO-H502	Master thesis in Electromechanical Engineering	12	ULB (BRUXEL04)
	MECA-Y507	Wind Turbine Aerodynamics and Design	4	ULB (BRUXEL04)
	STAG-H501	Internship (60 days)	10	ULB (BRUXEL04)
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	SOUS TOTAL MA2/Q1		37	
MA2 Q2	ELEC-H508	Thermal power plants	4	ULB (BRUXEL04)
	MEMO-H502	Master thesis in Electromechanical Engineering	12	ULB (BRUXEL04)
	ELEC-H543	Electric Power Systems II	5	ULB (BRUXEL04)
	MECA-H419	Data-Driven Engineering	4	ULB (BRUXEL04)
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	SOUS TOTAL MA2/Q2		25	
	SOUS TOTAL MA2		62	

TOTAL MASTER 122