

Studies Plan

EDEY - Energy 2023-24

Core courses

Courses		Section	Teacher	Exam	Credit
Language	Code				
Biomass conversion (Next time: November 27th to December 1st, 2023)					
E	ENG-618	EDEY	Maréchal Viana Ensinas	Project report	2
Digitalization in electricity systems (The limited number of 10 places will be filled on a first-come first-served basis. Registration closes September 30th, 2023. The course runs from October 9th to 11th, 2023.)					
E	ENG-601	EDEY	Heymann	Term paper	2
Field-Based Insights into the Implementation of Renewable Energies (Summer School Mont-Soleil) (Next time : August 12th-17th, 2024. Registration until May 31st, 2024 on the Bern University website (see below))					
E	ENG-634	EDEY	Dujic Paolone Rufer Various lecturers	Project report	2
Frederic Joliot/Otto Hahn Summer School on nuclear reactors Physics, fuels and systems (Next time : August 21st to August 30th, 2024, Aix-en-Provence - France)					
E	PHYS-600	EDEY	Pautz Various lecturers	Oral	3
Modelling, optimisation, design and analysis of integrated energy systems (Next time: April 2-5, 2024 – EPFL Wallis)					
E	ME-602	EDEY	Maréchal	Multiple	2
NRG2019: Energy Systems: managing the transition to renewables (Next time: tbd)					
E	ENG-636	EDEY	Ballif Maréchal Various lecturers	Written	2
Power electronics for renewable applications (Dec. 11 to Dec. 15th, 2023. Min. participants for the course to take place: 6)					
E	ENG-612	EDEY	Cervone Dujic	Oral presentation	3

Other doctoral courses (EDOC)

Courses			Exam	Credit	
Language	Code	Section			
Teacher					
Advanced Methods for Model Identification					
(Next time: TBA)					
E	EE-607	EDEE	Frigo Paolone	Project report	4
Design of experiments (a) - Fall semester					
(Next time : Fall 2024)					
E	ENG-606(a)	EDRS	Fuerbringer	Project report	4

Master courses

Courses			Exam	Credit	
Language	Code	Section			
Teacher					
Life cycle assessment in energy systems					
E	ENV-510	EL	Margni	Written	3