



## Minor in Engineering for sustainability

### Registration Form

**Deadline to register: end of the first semester of the master program**

**IMPORTANT: you must also register on IS ACADEMIA**

#### STUDENT'S PERSONAL INFORMATION

Last name:

First name:

SCIPER:

E-mail address:

Section:

Current semester:

Date of beginning (semester/year) of the minor:

Planned number of semesters to complete your Master cycle  
(excluding the PDM)

**Registration and list of courses approved by:**

**Place and date:**

**Student signature:**

**Place and date:**

**Coordinator signature:**

**Please email this form to the coordinator of the minor  
([charlotte.vandenberghe@epfl.ch](mailto:charlotte.vandenberghe@epfl.ch)) and the secretariat of your section in cc**

Code	Course	Credits	Course Period		Class wanted	Planned semester (1,2,3,4)
	<b>Project</b>					
ENV-491	Interdisciplinary project in sustainability (mandatory)	10	A	S		
	<b>Foundations, Tools and Methodologies</b>					
MGT-406	Design in Innovation: creation for adoption	4		S		
ENV-470	Development engineering	4		S		
ENG-410	Energy supply, economics and transition	2		S		
ENV-471	Environmental Economics	4		S		
ENG-474	Etudes d'impact	3	A			
ENV-501	Material and energy flow analysis	4	A			
ENV-410	Science of Climate Change	4	A			
ENV-469	Systèmes de management environnementaux	2	A			
MGT-408	Transitions, sustainability and technology policy	4		S		
MGT-495	Introduction to ethics & critical thinking	3	A			
	<b>Materials, Processes and Infrastructures</b>					
CH-421	Catalysis for energy storage	3	A			
CIVIL-534	Computational systems thinking for sustainable engineering	4		S		
ENV-510	Life cycle assessment in energy systems	3	A			
MSE-430	Life cycle engineering of polymers	2	A			
ME-516	Life cycle performance of product systems	3		S		
ChE-408	Process intensification and green chemistry	3		S		
MSE-463	Recycling of materials	2		S		
	<b>Environmental and Human Systems</b>					
ENV-400	Air pollution and climate change	5		S		
AR-496	Behind/beyond future cities	3		S		
AR-497	Building Design in the circular economy	3	A			
ChE-304	Energy systems engineering	3		S		
ME-409	Energy conversion and renewable energy	4	A			
BIO-413	Planetary health	4	A			
ENV-402	Sanitary engineering in developing countries	3	A			
ENV-500	Solid waste engineering	4	A			
ENV-461	Sustainability assessment of urban systems	3		S		
AR-458	Ville et mobilité	3		S		
ENV-444	Exploratory data analysis in environmental health	4	A			

Total number of credits