

#### Cycle view of the study programme

B1 Or Th Pr Au Cr

Notice : ONLY AVAILABLE TO STUDENTS REGISTERED BEFORE THE 2021-2022 ACADEMIC YEAR.

#### Compulsory courses (B1 : 60Cr)

STFE2004-1 *Personal work* - COLLÉGIALITÉ B1 TA - - - 15

#### General Education

ENVT0846-2 *Introduction to the Anthropocene* - N..., Pierre M. STASSART - [6h FW, 4h SEM] B1 Q1 18 - [+] 3

ENVT0040-2 *Transitions theory and management ecological transitions* - N..., Pierre M. STASSART - [15h SEM] B1 Q1 30 30 [+] 3

#### Basic courses

ECON0944-1 *Elements of economy for environmental sciences* - Pierre COPÉE B1 Q1 18 5 - 2

ECON0945-1 *Economy, energy and environment* - Nadia DE ZOTTI, HenryJean GATHON, Axel GAUTIER, Bernard JURION B1 Q1 24 5 - 2

SPOL2306-1 *Energy and territorial policies*  
- Part 1 : European policies B1 Q2 9 9 - 4  
- Part 2 : Regional and local policies 9 9 -  
- Part 3 : Prospective scenario 9 9 -

ENVT3042-1 *Energy management in buildings* - Philippe ANDRE, N... B1 Q1 24 12 - 3

ENVT3057-1 *Technologies and energy*  
- Part 1 : Renewable and non-renewable energy resources - N... B1 Q2 24 12 - 4  
- Part 2 : Technological innovations (materials, systems, vehicles) - 8 4 -  
Rudi CLOOTS, Pierre DUYSINX

#### Sectors :

#### Land planning

GEOG0664-1 *Land use planning and mobility* - Christophe BREUER, JeanMarie HALLEUX - [2d FW] B1 Q2 15 15 [+] 3

#### Industry

ENVT0026-1 *Industry*  
- Part 1 : Tools for a more sustainable industry (product life cycle analysis, best available technologies, sustainable chemistry) - Angélique LÉONARD B1 Q2 15 10 - 4  
- Part 2 : Rational use of energy in industry - Vincent LEMORT 15 10 -

#### Building

ENVT0019-2 *Energy balance and CO2 emissions on a building life-cycle*  
- Part 1 : Buildings to be built - Philippe ANDRE, N... B1 Q2 20 20 - 6  
- Part 2 : Existing buildings - Philippe ANDRE, N... 20 20 -

ENVT0867-1 *Environmental performance of buildings (english language)* - Philippe ANDRE B1 Q2 20 20 - 3

#### Transport

GCIV0008-2 *Design techniques and development of integrated and sustainable projects in transport and mobility (english language)* - Mario COOLS - [25h Proj.] B1 Q1 30 15 [+] 4

#### Agriculture

AGRO0016-1 *Agriculture*  
- Part 1 : Energy use and production in agriculture B1 Q1 11 10 - 4  
- Part 2 : Energy and biomass - Manfred GREGER 15 10 -