

#### Block view of the study programme

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#### Block 1

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

#### Compulsory courses

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

#### General Education

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

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

#### Basic courses

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

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

SPOL2306-1 *Energy and territorial policies*  
*- Part 1 : European policies* 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...* Q1 24 12 - **3**

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

#### Sectors :

#### Land planning

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

#### Industry

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

#### Building

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

ENVT0867-1 *Environmental performance of buildings (english language) - Philippe ANDRE* 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.]* Q1 30 15 [+] **4**

#### Agriculture

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