

Block view of the study programme

Or Th Pr Au Cr

Block 1

Compulsory courses

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

General Education

ENVT0846-2 *Introduction to sustainable development - Nathalie SEMAL, Pierre M. STASSART - [5h FW]* Q1 18 6 [+] **3**

ENVT0040-2 *Transitions theory and management, Ecological transitions - Pierre M. STASSART - [12h SEM]* Q1 24 24 [+] **3**

Basic courses

ECON0944-1 *Elements of economy for environmental sciences - Nadia DE ZOTTI, Jérôme SCHOENMAECKERS* Q1 18 5 - **2**

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

SPOL2306-1 *Energy and territorial policies* Q2 **4**
- Part 1 : European policies - Maxime HABRAN 9 9 -
- Part 2 : Regional and local policies - - Suppl : Stéphane MONFILS 9 9 -
- Part 3 : Prospective scenario - Pierre M. STASSART 9 9 -

ENVT3042-1 *Energy management in buildings - Philippe ANDRE - Suppl : Stéphane MONFILS* Q1 24 12 - **3**

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

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 **4**
- Part 1 : Tools for a more sustainable industry (product life cycle analysis, best available technologies, sustainable chemistry) - Angélique LÉONARD 15 10 -
- 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* Q2 **6**
- Part 1 : Buildings to be built - Philippe ANDRE - Suppl : Stéphane MONFILS 20 20 -
- Part 2 : Existing buildings - Philippe ANDRE - Suppl : Stéphane MONFILS 20 20 -

ENVT0867-1 *Environmental performance of buildings (english language) - - Suppl : Stéphane MONFILS* 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 **4**
- Part 1 : Energy use and production in agriculture - Frédéric LEBEAU 11 10 -
- Part 2 : Energy and biomass - Manfred GREGER 15 10 -