



Faculté des sciences appliquées

FSA

AMCO2529 **Projet 6d : Architecture de l'édifice dans l'orientation "climat, développement durable"**

[60h] 10 credits

This course is taught in the 2nd semester

Teacher(s): André De Herde, Jean Stillemans
Language: french
Level: 2nd cycle course

Aims

First, developing a professional culture of methods accompanying the work on designing a building (drawings, models, computer techniques).

Secondly, looking more closely at a "high-tech" theoretical and scientific perspective in the specific field of special techniques and sustainable development.

The objective is to bring theory and practice together, putting the project in a university research context. This approach focuses particularly on the development of the project, consolidated by solid theoretical and scientific material, related to the 3rd cycle and research. It develops thought processes that are useful for the student's thesis.

Main themes

Building project in an urban site
 Sustainable development
 Special building techniques
 Scale of 1/1000th to 1/20th
 Computer tools
 Computer visualization techniques

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Prerequisite: course AMCO 2365, Projects 1 to 5

The project entails 120 hours of student presence. The operating language of the workshop is French, but English and Spanish speaking students are accepted.

Evaluation by an examining board at the end of the workshop; the presentation can be given in French or English.

Other credits in programs

FSA3DA Diplôme d'études approfondies en sciences appliquées (10 credits)