

Building project



ECTS
5 crédits



Hourly volume
74h

Introducing

Description

Objectives

At the end of this module, the student will have understood and be able to explain (main concepts):

Main stages of design of a concrete building for the frame as well as for the air conditioning and heating systems.

The student will be able to:

Identify and calculate actions on structure, determine the energetic demands, understand the mechanical behavior of a frame as a whole, design and calculate the main structural members and heating or air conditioning circuits, use and enrich a numerical model.

Necessary prerequisites

Structural analysis and engineering

Concrete structures 1

Évaluation

L'évaluation des acquis d'apprentissage est réalisée en continu tout le long du semestre. En fonction des enseignements, elle peut prendre différentes formes : examen écrit, oral, compte-rendu, rapport écrit, évaluation par les pairs...

Practical info

Location(s)

 Toulouse