

Mass transfer



ECTS
6 crédits



Hourly volume
60h

Introducing

Description

Objectives

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

To understand mass transfer phenomena (diffusion, convection).

The student will be able to:

- read, interpret, propose an installation flowsheet
- to write global balances on a process in order to calculate matter and energy flows
- identify of information fluxes
- make an critical analysis of a process
- be able to design an optimal set of experiments

Necessary prerequisites

Thermodynamics of solutes

Differential and partial derivative operations.

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