



## Short Course

# Thermodynamics of chemical processes

## What you will Learn

The course "Thermodynamics of processes chemical" aims to provide the basic notions necessary for the understanding of the thermodynamics of processes as well as methods for calculating mixtures and system thermodynamics balances.

## Key Benefits:

01. Thermodynamic modeling techniques and calculation of thermodynamic equilibrium
02. Techniques for calculating material and energy balances
03. Computer-aided process engineering: Modeling and simulation of matter and energy transformation processes
04. Thermokinetics



## Summary

This course aims to provide the basic notions of process thermodynamics and the rules for calculating mixtures and system equilibria. multi- component thermodynamics. These two elements constitute in fact, the heart and base for process modelling, simulation and optimization of industrial chemical processes.



*Leaders Never Stop  
Learning*

## Life on Campus

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**A comfortable place to live:** The UM6P campus covers 33 hectares in the heart of the future green city of Benguerir and near Marrakech.

**Catering:** Students have access to a university restaurant offering varied and balanced menus.

**Learning Center:** An exclusive library with more than 13 000 books.

**Sports Center:** It has excellent sports facilities and offers carefully studied physical activities.



## Additional information

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**Format:** On site

**Language:** French

**Venue:** UM6P Campus Ben Guérir

**Fees:** please contact us for this information.

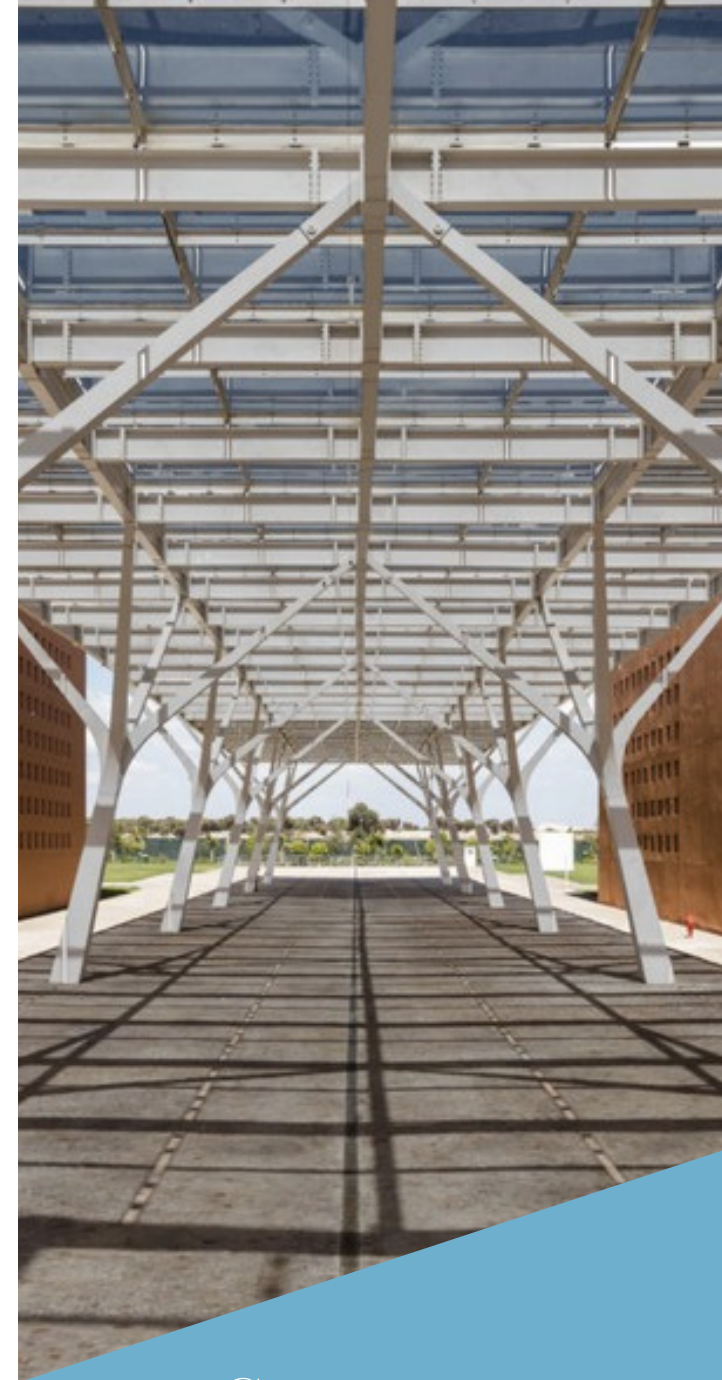
## Eligible applicants

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This course is intended for Process Engineers and Mathematical Modeling Engineers.

Participants must have the following prerequisites:

- Basic knowledge in macroscopic Thermodynamics (Bac+2, prepas).



## Contact- us

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