

UE Degradation and sustainability



- > **Teaching language(s):** French
- > **Open to exchange students:** Yes

Presentation

Description

This course aims to define the different ageing mechanisms of polymers, stabilization strategies to improve their lifetime and finally address the problem of their recycling.

Objectives

Skills: elucidate the chemical and physical ageing mechanism of a polymer in order to be able to predict potential long-term serviceability of polymer material systems under expected conditions of use.

Course parts

UE Degradation and sustainability - CM	Lectures (CM)	15h
UE Degradation and sustainability - TD	Tutorials (TD)	9h

Recommended prerequisites

Prerequisites: Polymers 1 & 2 (M1 Master Program)

Period : Semester 9

Useful info

Contacts

Program director

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Place

› [Grenoble](#)

Campus

› [Grenoble - University campus](#)