

PACKAGING AND ECO DESIGN

LEVEL: MASTER 1

PERIOD: SEMESTER 2

LANGUAGE: EN

ECTS: 3

TEACHER/COORDINATOR: EMANUELLE MARTIN



2020-2021

1-Main objectives

- › Give an overview of the various packaging materials and their properties
- › Understand all the chain of the packaging of the expectations of the marketing to the logistics of associated distribution.
- › Eco-design: know how to propose the best possible compromise
- › Co-design

2-Skills developed

Know how to determine the nature of packaging, understand their roles according to their characteristics, know the associated logistics and estimate their environmental performance

3-General content

Courses and conferences - to acquire the fundamental on packaging
Sessions of codesign - to bring a practical answer to a problem packaging put by an industrialist

- › Presentation and definition of the packaging and the market
- › Raising sensitization to the analysis of the value on packaging materials
- › Functional analysis of packagings used in food-processing industry
- › Evolution of materials, permeability and interactions food / materials
- › The processes of packaging used in food industries
- › Regulations on packagings food
- › Chemistry of plastics
- › Context Stakes and method of ecoconception(ecodesign) of packaging
- › Study of project in sessions of codesign

4- Evaluation

Oral defense in groups

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