

WASTE MANAGEMENT

LEVEL: MASTER 1

PERIOD: SEMESTER 1

LANGUAGE: EN

ECTS: 3

TEACHER/COORDINATOR: JULIEN CASTELIN



1-Main objectives

- › Acquire basic knowledge, and fundamental benchmarks in the area of waste management;
- › Knowing the context, environment, actors, and tools dedicated to waste management;
- › Get a «waste management» culture to be able to understand waste management study on company scale or for household waste management;
- › Integrate elements of understanding, related to the Circular Economy. This teaching unit is focusing on Waste management tools, on their complete cycle, from production to treatment facilities including the steps of pre-collection, collection, transfer and transport.

2-Skills developed

- › Analyze equipment and results of waste management practices;
- › Set-up waste management solutions, technically, economically and in terms of communication;
- › Integrate elements of understanding, related to the Circular Economy.

3-General content

The idea is:

- › to get used to the fundamentals (terminology, treatment types, regulations, technico-economic approach...) of household waste and waste of economic activities;
- › to develop a type of waste, or sector, or a treatment process, through a case study;
- › to visit a rather complete panel of processing plants (dumping sites, incinerators, recycling companies...)

4- Evaluation

Written report in group, group oral defense, individual written exam