

Optimisation, Industrial Studies, Research-Development, Manufacturing Process, Quality Implementation



SCHOOL

Polytech Graduate School of
Engineering



CAMPUS

Sant  - Health Campus



LEVEL

3rd year Bachelor's degree



OPEN TO EXCHANGE STUDENTS

Yes



SEMESTER

Spring (S2)

> **Degree course:** Biology and Health System at Bachelor's degree level

> **Teaching unit:** Experimental design

> **Course language:** English

> **Duration (hours):** 31

> **ECTS:** 4

> **Teacher(s):** Must be requested

> **Assessment:**

Continuous assessment

Final exam

> **Teaching methods:**

Lecture course hours

Tutorial course hours

Practical work hours

Case study

Project

COURSE DESCRIPTION

This course includes:

- An introduction to process improvement
- Completely randomized design
- Taguchi design

OBJECTIVES

Students will be able to:

- Solve problems of process improvement using experimental and Taguchi design,
- Choose an experimental design adapted to a problem.

PREREQUISITES

none