

60650 - Metrology in the Chemistry Laboratory

Información del Plan Docente

Academic Year	2016/17
Academic center	100 - Facultad de Ciencias
Degree	540 - Master's in Industrial Chemistry
ECTS	3.0
Course	1
Period	Second semester
Subject Type	Optional
Module	---

1. Basic info

1.1. Recommendations to take this course

1.2. Activities and key dates for the course

2. Initiation

2.1. Learning outcomes that define the subject

2.2. Introduction

3. Context and competences

3.1. Goals

3.2. Context and meaning of the subject in the degree

3.3. Competences

3.4. Importance of learning outcomes

4. Evaluation

5. Activities and resources

5.1. General methodological presentation

5.2. Learning activities

5.3. Program

Program

1. Fundamental concepts: Traceability and Uncertainty.
2. Quantification of Uncertainty.

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3. Calibration Uncertainty.
4. Traceability in chemical systems.
5. Verification of traceability.
6. Decision making in the laboratory.
7. Proficiency testing programs.

5.4.Planning and scheduling

5.5.Bibliography and recommended resources