

Syllabus Information

Academic Year: 2021/22

Subject: 63242 -

Faculty / School: 107 - Facultad de Educación

Degree: 584 -

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ECTS: 6.0

Year: 1

Semester: Second semester

Subject Type: Optional

Module:

1. General information

2. Learning goals

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.3. Syllabus

1: Scientific activity

The scientific method: its stages. Measure of magnitudes. International System of Units. Scientific notation. Scalar and vector magnitudes. Fundamental and derived magnitudes. Dimensional analysis. Measurement errors. Analysis of experimental data.

2: Kinematics

Average speed, instantaneous speed and acceleration. Uniform rectilinear, uniformly accelerated rectilinear and uniform circular movements. Inertial reference systems. Galileo's principle of relativity. Circular movement. Composition of movements.