

Academic Year: ( 2023 / 2024 )

Review date: 10-03-2023

Department assigned to the subject: Physics Department

Coordinating teacher: IÑARREA LAS HERAS, JESUS

Type: Electives ECTS Credits : 3.0

Year : 2 Semester : 1

#### DESCRIPTION OF CONTENTS: PROGRAMME

Time-dependent perturbation theory.- Constant and sinusoidal perturbations. Coupling between discrete states: Rabi's formula. Interaction of an atom with an electromagnetic wave. Coupling with continuum spectrum states: Fermi's Golden rule.