

Physics 4_Course Description

Faculty: Faculty of Natural Sciences

Study program: Physics

Course Title: Physics 4

Course Credits: 8 (ECTS)

Language of Instruction: Albanian

Course Description: The subject "Physics 4" is a module of the discipline "General Physics 2" that is part of the group of disciplines forming the characteristics of the program. The content of the material that is treated in this course is made of parts like "Geometric Optics", "Photonic Optics", "Construction of Matter" and "Nuclear Physics" of "General Physics".

Course Goals: Knowledge of basic wave and light phenomena. Knowledge of mechanical wave formation. Familiarity with electromagnetic waves and the phenomenon related to them.

Course Requirements: The assessments which contribute to course score are listed below:

- Participation: 5 points
- Activation: 5 points
- Assignment 1: 10 points
- Assignment 2: 10 points
- Final Exam: 70 points

Grading: The above activities constitute a quantity of 100 points which are converted into the respective grades:

- 0-44 points -> grade 4;
- 45-54 points -> grade 5;
- 55-64 points -> grade 6;
- 65-74 points -> grade 7;
- 75-84 points -> grade 8;
- 85-94 points -> grade 9;
- 95-100 points -> grade 10

Course Schedule: The course takes place in the second semester of the second year of study for 15 weeks. Student will have the opportunity to attend 3 hours of lectures and 2 hours of seminar per week.

Attendance:

- Lectures are optional
- Seminars should be attended to 75% (when the student participates less than 75% does not have the right to attend the exam but passes in the next season)