

Elements of Astrophysics_Course Description

Faculty: Faculty of Natural Sciences

Study program: Bachelor in physics

Course Title: Elements of astrophysics

Course Credits: 3 (ECTS)

Language of Instruction: Albanian

Course Description: Elements of astrophysics it is a subject that serves for students knowledge of the Universe in general and our solar system in particular. In this course the components of the Universe, its evolution and its future are given.. This course provides the following basic knowledge:

- The construction of the Universe and our solar system.
- Levizja e dukshme dhe e vertete e planeteve
- The laws of planetary motion.
- University study methods.
- The evolution of the Universe.
- Theories of the birth, evolution and future of the Universe.

Course Goals: The course " Elements of astrophysics " plays an important role in the general education of students, to acquaint them with the laws that act as a whole.

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

- Participation: 5 points
- Activation: 5 points
- Assignement 1: 30 points
- Assignement 2: 30 points
- Assignement 3: 30 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 extends over the second semester of the third year of study. In the second semester, the student will have the opportunity to attend 2 hours of lectures, 1 hour of laboratory per week.

Attendance:

- Lectures are optional – Seminars should be attended to 75% (when the student participates less than 75% they are not evaluated and they give the exam in the next season.
- Laboratories are 100% mandatory