

Faculty: Faculty of Natural Sciences

Study program: Bachelor in Biology – Chemistry

Course Title: Development Biology

Course Credits: 5

Language of Instruction: Albanian

Course Description: Development Biology is a subject of characteristic formation. For the acquisition of this subject the student must be equipped with prior biological and chemical knowledge of high school.

Course Goals: This course introduces students to Development Biology as a subject of characteristic formation.

The course gives to the student:

Knowledge of the principles of living development, reproduction, gametogenesis, fertilization, segmentation, gastrulation and embryological development of different invertebrates and vertebrates according to classes.

Knowledge and ability to observe and determine in the laboratory with a microscope.

Basic concepts will be on propagation, gametogenesis, fertilization, segmentation, gastrulation, embryonic layer formation, differentiation, regeneration.

Course Requirements: The lectures attendance of a student is facultative. Seminars are mandatory 75%, the attendance of laboratories is compulsory at 100%.

Grading: The final assessment is made with 70 points. Continuous assessment during the academic year, 30 points.

Course Schedule: The course takes place during the second semester, for 13 weeks, and for each week there are 2 hours of lectures, 1 hour of seminar and 1 hour of laboratory.