

## Tárgytematika / Course Description Biology

MENB\_ÁTTA034

Tárgyfelelős neve /

Teacher's name: dr. Lencsés-Varga Erika

Félév / Semester: 2023/24/2

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 3/1/0

Tárgy féléves óraszám /

Teaching hours(sem.): 0/0/0

### OKTATÁS CÉLJA / AIM OF THE COURSE

Biology is a natural science concerned with the study of life and living organisms, including their structure, function, growth, evolution, distribution, identification and taxonomy.

The aim of the course isto obtain knowledge on the nature and scope of biological science and to show how animals and plants maintain an internal steady state, how they acquire and dispose of nutrients and how they detect and respond to changes in their environments.

### TANTÁRGY TARTALMA / DESCRIPTION

The purpose of this course is to provide the students with:

1. Introduction to Biology
2. Tools and Methods in Biology
3. Citology
4. Organs and Tissues of Plants
5. Organs and Tissues of Animals
6. Skeletal System
7. Muscular System
8. Cardiovascular System
9. Respiratory System, Immune System
10. Digestive System
11. Reproductive System
12. Physiology of Reproduction
13. Structure and Function of Mammary Gland
14. Endocrine System

### SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

Exam: written exam (test; multiple choice, true-false, matching, completion, and essay)

### KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Solomon E., Martin C., Martin D.W., Berg L.R. (2018): Biology, Published by Cengage Learning (2018). ISBN 10: 1337392936

OPENSTAX BIOLOGY - e-book:

<https://openstax.org/details/books/biology-2e>

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## **AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL**