**COURSE INFORMATION SHEET**

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| **University:** Catholic University in Ružomberok | |
| **Faculty:** Faculty of Education | |
| **Course code:** KBE/Bi-BD107B/22 | **Course title:** Ornithology |
| **Type and range of planned learning activities and teaching methods:**<br>**Form of instruction:** Seminar<br>**Recommended study range:**<br>**hours weekly:** 1 **hours per semester:** 13<br>**Teaching method:** on-site | |
| **Credits:** 1 | **Working load:** 25 hours |
| **Recommended semester/trimester:** 3. | |
| **Level of study:** I. | |
| **Prerequisities:** KBE/Bi-BD102A/22 | |

**Requirements for passing the course:**

Verification of the relevant knowledge, skills and competencies of the student is carried out based on theoretical and practical examinations during the semester teaching.

During the semester, the student demonstrates his / her practical skills by working independently on the characteristics of individual signs of birds that are related to the ability to fly. At the same time, the student is evaluated based on the determination of different species of birds living in Europe, both in the classroom and during field exercise.

Final assessment: total percentage gain from practical driving tests 50% and from theoretical knowledge 50%.

Subject evaluation: A – 100%-93%
B – 92%-85%
C – 84%-77%
D – 76%-69%
E – 68%-60%
Fx – 59%- 0%

**Learning outcomes of the course:**

Subject objective:

The aim of the course is to introduce students to the most important characteristics of birds related to the ability to fly, as well as the species and ecological diversity of this group of vertebrates.

Education outcomes: (knowledge, skills, and competencies):

- the student has theoretical knowledge about the development, differentiation, and diversity of the bird group (Aves)
- he / she is able to name the basic evolutionary, anatomical, physiological and ecological manifestations of birds and is able to analyse them within the whole group of vertebrates.
- he / she understands the uniqueness of this group of vertebrates based on the ability of active flight, which determines all the above-mentioned characteristics
- he / she orients himself / herself in the systematics of birds and manages the basic methodologies of bird observation and research

**Course contents:**

1. General characteristics of the group of birds (Aves) and its interaction with humans.

2. Evolution of birds - development of the class and successful settlement of habitats of the world.
3. Anatomy and morphology of birds, focusing on differences related to the ability to fly.
4. Anatomy and morphology of birds, focusing on differences related to the ability to fly.
5. Physiology of birds, focusing on differences related to the ability to fly.
6. Physiology of birds, focusing on differences related to the ability to fly.
7. Behaviour of birds - obtaining food and breeding.
8. Behaviour of birds - obtaining food and reproduction.
9. Behaviour of birds - territoriality and social behaviour, communication, biorhythms, and migrations.
10. Behaviour of birds - territoriality and social behaviour, communication, biorhythms, and migrations.
11. Bird diversity.
12. Birds of Slovakia and Europe.
13. Threat and protection.

**Recommended or required literature:**

**Language of instruction:**

**Notes:**

**Course evaluation:**
Assessed students in total: 16

| A | B | C | D | E | FX |
|---|---|---|---|---|---|
| 93.75 | 0.0 | 0.0 | 0.0 | 0.0 | 6.25 |

**Name of lecturer(s):** doc. RNDr. Michal Baláž, PhD.

**Last modification:** 24.08.2022

**Supervisor(s):**
**Guarantor:**
Administrátor Systému
**People responsible for the delivery, development and quality of the study programme:**
prof. ThDr. Rastislav Adamko, PhD., doc. Mgr. Marek Babic, PhD., doc. RNDr. Pavel Bella, PhD., prof. PaedDr. Mgr. art. Rastislav Biarinec, ArtD., prof. Irina Chelysheva, DrSc., prof. PaedDr. František Dlugoš, PhD., Mgr. Juraj Dvorský, PhD., prof. PhDr. Ingrid Emmerová, PhD., doc. Tatiana Korenkova, CSc., prof. PaedDr. Milan Ligoš, CSc., doc. Mgr. Eva Litavcová, PhD., doc. PaedDr. Peter Mačura, PhD., prof. PhDr. David Papajík, PhD., doc. Ing. Miroslav Saniga, CSc., prof. Nóra Séllei, PhD., DrSc., PhDr. ThLic. Martin Taraj, PhD., Prof. Ing. Peter Tomčík, PhD., prof. Dr. phil. fac. theol. Peter Volek, doc. Ing. Igor Černák, PhD.