



OPIS PREDMETA / SUBJECT SPECIFICATION

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| Predmet: | Izbrana poglavja iz biologije ptic |
| Subject Title: | Selected Topics in Biology of Birds |

| Študijski program Study programme | Študijska smer Study field | Letnik Year | Semester Semester |
|---|-------------------------------|--------------------------|------------------------|
| Doktorski študij Ekološke znanosti / Doctoral Study Ecological Sciences | | Izbirni 1 ali 2 ali 3 | 2 ali 3 ali 4 ali 5 |

Univerzitetna koda predmeta / University subject code:

| Predavanja Lectures | Seminar Seminar | Sem. vaje Tutorial | Lab. vaje Lab. work | Teren. vaje Field work | Samost. delo Individ. work | ECTS |
|------------------------|--------------------|-----------------------|------------------------|---------------------------|-------------------------------|------|
| 5 | | | | 5 | 140 | 5 |

Nosilec predmeta / Lecturer:

Jeziki / Predavanja / Lecture:
Languages: Vaje / Tutorial:

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Poznavanje biodiverzitete Slovenije na ravni univerzitetnega programa

Vsebina:

Obravnavana so izbrana poglavja iz naslednjih sklopov.

- Značilnosti ptic
- Oblika, funkcija in adaptivna radiacija
- Sistematika ptic
- Vedenje in komunikacija
- Vedenje in okolje
- Razmnoževanje in razvoj
- Populacijska dinamika in varovanje

Prerequisites:

Knowledge of biodiversity of Slovenia at graduate level

Contents (Syllabus outline):

Selected topics in the following chapters are discussed.

- Characteristics of birds
- Adaptive radiation of forms and functions
- Systematics of birds
- Behaviour and communication
- Behaviour and environment
- Reproduction and development
- Population dynamics and conservation

Temeljni študijski viri / Textbooks:

- Cramp, S., 1994: Handbook of the birds of Europe, the Middle East and North Africa. The birds of the Western Palearctic. Oxford University Press. Oxford.
- Gill, F.B., 1995: Ornithology. W.H. Freeman and Company. New York.
- Glutz von Blotzheim, U.N., M. K. Bauer, 1994: Handbuch der Vögel Mitteleuropas. AULA Verlag. Wiesbaden.
- Pough F.H., C. M. Janis, J. B. Heiser, 2005: Vertebrate Life. Pearson Education International. New Jersey.

Cilji: **Objectives:**

- Študent se podrobno spozna s lastnostmi biotskih membran in z njihovo vlogo pri delovanju enoceličnih in večceličnih organizmov

- Student should understand in detail properties of biotic membranes and their role in functioning of unicellular and multicellular organisms

Predvideni študijski rezultati:

Intended learning outcomes:

- Podrobno razumevanje biologije membran kot enega ključnih dejavnikov pri pravilnem delovanju celice

- Advanced understand membrane biology as one of the main factors in proper cell functioning

Prenesljive/ključne spretnosti in drugi atributi:

Transferable/Key Skills and other attributes:

- Vključevanje pridobljenega znanja v temeljito razumevanje celice

- Use of knowledge in advanced understanding of the cell

Metode poučevanja in učenja:

Learning and teaching methods:

- Predavanja
- Seminar

- Lectures
- Seminar

Načini ocenjevanja:

Delež (v %) /
Weight (in %)

Assessment:

- Pisni izpit
- Seminaraska naloga

50 %
50 %

- Written exam
- Seminar essay

Materialni pogoji za izvedbo predmeta :

Material conditions for subject realization

- Predavalnica

- Lecture hall

Obveznosti študentov:

Students' commitments:

(pisni, ustni izpit, naloge, projekti)

(written, oral examination, coursework, projects):

- Pisni izpit
- Seminaraska naloga

- Written exam
- Seminar essay