



OPIS PREDMETA / SUBJECT SPECIFICATION

Predmet:	Ornitologija
Subject Title:	Ornithology

Študijski program Study programme	Študijska smer Study field	Letnik Year	Semester Semester
<i>Izobraževalna biologija</i> , pedagoški dvopredmetni študijski program 2. stopnje		2	zimski/poletni
<i>Educational Biology</i> , pedagogical two stream study, 2 nd. degree		2	Winter/Summer

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
30				15	45	3

Nosilec predmeta / Lecturer:

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

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

Prerequisites:

Vsebina:

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

Contents (Syllabus outline):

- Basic 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:

- Predstavitev diagnostičnih značilnosti ptic
- Razumevanje odnosov med obliko, funkcijo in adaptivno radiacijo
- Poznavanje sistematike ptic
- Razumevanje vedenja in komunikacije med pticami
- Razumevanje odnosov med vedenjem in okoljem
- Poznavanje razmnoževanja in ontogenije ptic
- Poznavanje metod in tehnik merjenja populacijske dinamike in varovanje ptic

Predvideni študijski rezultati:

- Introduction to diagnostical characteristics of birds
- Understanding relationships among form, function and adaptive radiation
- Knowledge of bird systematics
- Understanding behaviour and communication among birds
- Understanding relationships between behaviour and environment
- Knowledge of procreation and bird ontogeny
- Knowledge of methods and techniques of measuring population dynamics, and bird conservation

Intended learning outcomes:

- Znanje in razumevanje:
- Povezave med organizacijo ptičjega telesa in njegovim okoljem
 - Poznavanje biodiverzitete ptic na regionalnem in svetovnem nivoju
 - Razumevanje metod in tehnik merjenja ptičjih populacij
 - Poznavanje naravovarstvene problematike ptic
- Prenesljive/ključne spretnosti in drugi atributi:
- Sposobnost načrtovanja in izvedbe opazovanj in eksperimentov na pticah
 - Sposobnost načrtovanja in upravljanja s ptičjimi populacijami

Metode poučevanja in učenja:

- Predavanja
- Individualno eksperimentalno delo
- Terensko delo

Načini ocenjevanja:

- Seminar z zagovorom
- Pisni izpit

Delež (v %) /
Weight (in %)

70
30

- Knowledge and Understanding:
- Relations between bird body and its environment
 - Knowledge of birds biodiversity at the regional and global level
 - Understanding methods and technic of bird population measuring
 - Knowledge of the conseravtion problems
- Transferable/Key Skills and other attributes:
- Ability to arrange observations and experiments with birds
 - Ability to arrange obseravtions and managing with bird population

Learning and teaching methods:

- Lectures
- Individual experimental practice
- Field work

Assessment:

- Seminar essay with defencel
- Written exam

Materialni pogoji za izvedbo predmeta :

- *Multimedijska predavalnica*
- *Laboratorij za zoologijo*

Material conditions for subject realization

- *Lecture hall for multimedia presentation*
- *Laboratory for zoology*

Obveznosti študentov:

(pisni, ustni izpit, naloge, projekti)

- Seminarska naloga
- Izpit ustni

Students' commitments:

(written, oral examination, coursework, projects):

- Seminar essay
- Oral examination