

OS12a - Ecology of the red-backed shrike - masked sparrow that looks like a small predator - course description

General information	
Course name	OS12a - Ecology of the red-backed shrike - masked sparrow that looks like a small predator
Course ID	13.9-WB-OS2P-rekol.gqs.-S17
Faculty	Faculty of Biological Sciences
Field of study	Environmental Protection
Education profile	academic
Level of studies	First-cycle studies leading to Bachelor's degree
Beginning semester	winter term 2021/2022

Course information	
Semester	6
ECTS credits to win	2
Course type	obligatory
Teaching language	english
Author of syllabus	<ul style="list-style-type: none">dr hab. Federico Morelli, prof. UZ

Classes forms					
The class form	Hours per semester (full-time)	Hours per week (full-time)	Hours per semester (part-time)	Hours per week (part-time)	Form of assignment
Lecture	15	1	-	-	Credit with grade
Laboratory	15	1	-	-	Credit with grade

Aim of the course

Understanding the survival strategy of the selected bird species using predation as a way of acquiring food and its life strategy adapted to the environment. This bird breeds in most of Europe and W Asia. Winters in tropical Africa. The bird is listed as a "least concern" (LC) species on a global scale. Some parts of its range have seen a steep decline in numbers. Locally its status can be less secure.

Prerequisites

High school level - biology.

Scope

Strategies of survival in birds. The ecology of the shrike. Examples of the behavior of the shrike.

Teaching methods

Lectures

Learning outcomes and methods of theirs verification

Outcome description	Outcome symbols	Methods of verification	The class form
Zmiany w wyglądzie ptaków zależne od warunków środowiska. Przystosowanie.	<ul style="list-style-type: none">K1A_K23	<ul style="list-style-type: none">a discussion	<ul style="list-style-type: none">Laboratory
Poznanie przykładu strategii przetrwania.	<ul style="list-style-type: none">K1A_W46K1A_K36	<ul style="list-style-type: none">a check work	<ul style="list-style-type: none">Lecture
Funkcjonowanie łańcuchów pokarmowych.	<ul style="list-style-type: none">K1A_W45K1A_U40	<ul style="list-style-type: none">a discussion	<ul style="list-style-type: none">Lecture

Assignment conditions

Test. Project.

Recommended reading

Odum E. Ekologia ogólna. PWN, Warszawa.

Sokołowski J. Ptaki ziem polskich. PWN, Warszawa.

"[Predator exaptations and defensive adaptations in evolutionary balance: No defence is perfect](#)". *Evolutionary Ecology*. SpringerLink. **6**: 527–536. Retrieved 2012-09-08.

Further reading

Yosef, R. (1996). Loggerhead Shrike (*Lanius ludovicianus*), version 2.0. In The Birds of North America (A. F. Poole and F. B. Gill, Editors). Cornell Lab of Ornithology, Ithaca, NY, USA

Notes

Modified by dr Olaf Ciebiera (last modification: 19-05-2021 22:02)

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