

Course Information Sheet

University: <i>Prešov University of Prešov</i>	
Faculty: <i>Faculty of humanities and natural sciences</i>	
Code: 2EKO/BIOINV/22	Title of Course: <i>Biological invasions</i>
Form of Study: <i>Present, lecture, seminar</i> Number of contact hours: per week: <i>1h+1h</i> per level/semester: <i>lectures 10, seminars 10, self work and study 70</i>	
Number of credits: 3	
Semester: <i>4. semester / 2. year of study</i>	
Degree/Level: 1	
Prerequisites: ---	
Grading Policy (Assessment/Evaluation): <i>Active participation in lectures and seminars is mandatory. A student can have a maximum of 1 absence justified on the basis of a medical certificate. In case of unjustified non-participation or a large number of absences, the student will not be granted credits.</i> <i>The evaluation of the student's study results within the study subject will take place:</i> <i>final test with a minimum success rate of 50%.</i> <i>The success criteria (percentage of results) for the classification levels are as follows:</i> <i>a) A - 100.00 - 90.00%</i> <i>b) B - 89.99 - 80.00%</i> <i>c) C - 79.99 - 70.00%</i> <i>d) D - 69.99 - 60.00%</i> <i>e) E - 59.99 - 50.00%</i> <i>f) FX - 49.99 and less%</i>	
Aims and Objectives: <i>By completing the course, the student will demonstrate the ability to:</i> - <i>describe and define the concept of biological invasions,</i> - <i>characterize specific invasive taxa for the territory of Slovakia and Europe,</i> - <i>be familiar with the applicable legislation,</i> - <i>explain the causes and consequences of biological invasions,</i> - <i>give examples of ways to mitigate and eliminate the negative effects of biological invasions at local and global level.</i>	
Syllabus/Indicative Content: 1. Definition of the term invasion. 2. Invasive plant species for the territory of Slovakia - distribution, characteristics 3. Current research of plant invasions 4. Changes in invertebrate and vertebrate communities as a result of plant invasions 5. Ecological, economic and health consequences of plant invasions 6. Methods of management of invasive plant species 7. Invasive animal species for the territory of Slovakia - distribution, characteristics 8. Current research of animal invasions 9. Changes in communities due to animal invasions 10. Ecological, economic and health consequences of animal invasions	

11. Methods of management of invasive animal species
12. Invasive species legislation in the EU
13. Legislation of invasive species in the Slovak Republic

Suggested readings:

Gojdičová, E., Cvachová, A., Karasová, E., 2002: Zoznam nepôvodných, invázných a expanzívnych cievnatých rastlín Slovenska 2. Ochrana prírody, Banská Bystrica, 21: 59 – 79.

Medvecká, J., Kliment, J., Májeková, J., Halada, Ľ., Zaliberová, M., Gojdičová, E., Feráková, V., Jarolímek, I., 2012: Inventory of the alien flora of Slovakia. Preľad nepôvodnej flóry Slovenska. Preslia 84: 257–309.

https://fns.uniba.sk/fileadmin/prif/geog/kfg/O_katedre/Publik_fulltexty/RuzekNoga2015_InvazneDruhyRastlinVStrednejEurope.pdf68

Usmernenie na odstraňovanie invázných druhov rastlín

Language of Instruction: slovak, english

Grading history

A	B	C	D	E	FX
a	b	c	d	e	f

Lecturer/Instructor:

RNDr. Beáta Baranová, PhD.

RNDr. Jakub Fedorčák, PhD.

RNDr. Daniela Gruľová, PhD.

Ing. Jozef Oboňa, PhD.

Last update: 9. mája 2022

Approved by: