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| 1.  | <b>Course name: Conservation biology</b>   |
| 2.  | <b>Course code conforms to USOS: 25-BI-S1-E+CB</b>   |
| 3.  | University department: Faculty of Biological Sciences, Institute of Environmental Biology, Department of Invertebrate Biology, Evolution and Conservation, S. Przybyszewskiego 65 Street, 51-148 Wrocław   |
| 4.  | Course type: lectures  |
| 5.  | Degree: <b>bachelor</b>  |
| 6.  | Semester: <b>summer</b>  |
| 7.  | Number of hours: <b>30</b>   |
| 8.  | Name, Surname, academic title:<br><b>Smolis Adrian, Ph.D</b> , assistant professor (adrian.smolis@uwr.edu.pl)  |
| 9.  | <b>Course description/Content:</b><br>The course covers biological diversity, landscape ecology, threat factors, conservation strategies, conservation <i>in situ</i> and <i>ex situ</i> and practical conservation work. It also includes some references to the following topics: global extinction patterns, consequences of small population size, species invasions, habitat and population fragmentation and conservation planning.<br>The course contains:<br>- A theoretical part with lectures of relevant parts of the course literature<br>- Discussion seminars on part of the course literature, documentary films and scientific papers<br>- A presentation (PowerPoint) about selected conservation's problems and endangered species<br>- A visit in ZOO of Wrocław where the role of zoological gardens in protection of endangered species is described and discussed (conservation <i>ex situ</i> )<br>- A visit in SAC (Special Areas of Conservation) where the most important threat factors and conservation strategies for some species is mentioned, shown and discussed (conservation <i>in situ</i> ) |
| 10. | Recommended literature:<br>Sodhi & Ehrlich (eds.) Conservation Biology for All, Oxford University Press 2010 (selected chapters)<br>Andrew S. Pullin. Conservation Biology, Cambridge University Press, 2002 (selected chapters)   |
| 11. | Form of credit:<br>Lectures: PowerPoint presentation (20 minutes) and multiple-choice test (20 questions)  |
| 12. | Language: English  |
| 13. | Number of ECTS: <b>4</b>   |