

1.	<b>Course name: Ecology of birds</b>
2.	Course code conforms to: 25-BI-S2-W-EkoOP
3.	University department: Faculty of Biological Sciences, Department of Behavioural Ecology, Ornithological Station in Ruda Milicka
4.	Course type: <b>lecture (20h), field classes (25h)</b>
5.	Degree: <b>master</b>
6.	Semester: <b>summer</b>
7.	Number of hours: <b>45</b>
8.	Name, Surname, academic title: <b>Beata Czyż, PhD</b> (beata.czyz@uwr.edu.pl) <b>Lucyna Halupka, PhD</b> (lucyna.halupka@uwr.edu.pl)
9.	<b>Course description/Content:</b> This course provides detailed information about bird ecology including most recent research on: timing of breeding, clutch size, incubation, nest parasitism, nest predation, song, mating systems, migration, impact of climate change on birds, bird intelligence and synurbization of birds. Field classes are carried out at field station of Wrocław University in Ruda Milicka. Students conduct small research projects on small passerines breeding in a reedbed habitat.
10.	Recommended literature: Catchpole, C. K., Slater, P. J. 2003. Bird song: biological themes and variations. Cambridge University Press. (chosen chapters) Davies NB. 2000. Cuckoos, cowbirds and other cheats. T & AD Poyser, London (chosen chapters) Dawson A. 2008. Control of the annual cycle in birds: endocrine constraints and plasticity in response to ecological variability. — Phil. Trans. R. Soc. B 363: 1621-1633. Emery N. 2016. Bird Brain: An Exploration of Avian Intelligence. Princeton University Press. (chosen chapters) Martin T.E. & Li P. 1992. Life-history of open- vs cavity-nesting birds. Ecology 73: 579-592. Newton I. 2010. Bird Migration. Harper Collins (chosen chapters) Podulka, S. and Rohrbaugh, R.W. and Bonney, R. 2004. Handbook of bird biology. Cornell Lab of Ornithology (chosen chapters) Remeš V., Matysioková B. & Cockburn A. 2012. Long-term and large-scale analyses of nest predation patterns in Australian songbirds and a global comparison of nest predation rates. J. Avian Biol. 43: 435-444.
11.	Form of credit: written test (50 questions, choice test and open questions) field classes: research project in small group, oral presentation reporting the results of the project
12.	Language: English
13.	Number of ECTS: <b>5</b>