

1.	Course name: Introduction to numerical programming in Python language
2.	Course code conforms to USOS: 25-BI-S2-E+-INPPL
3.	University department: Faculty of Biological Sciences, Institute of Environmental Biology, Department of Behavioural Ecology
4.	Course type: lecture (10h) and practice (15h)
5.	Degree: bachelor/master
6.	Semester: summer
7.	Number of hours: 25
8.	Name, Surname, academic title: Konrad Halupka, PhD (konrad.halupka@uwr.edu.pl)
9.	Course description/Content: algorithm, pseudo-code and program, working with the Python shell and IDE, data types (strings, lists, tuples, dictionaries and arrays) and basic operations upon them, input/output, Python syntax (loops, conditions, functions), debugging scripts, basic array operations and statistical functions in NumPy library; the course is designed for students who have not had programming classes (in high schools or as undergraduates)
10.	Recommended literature: resources from the internet recommended by the tutor
11.	Form of credit: written test, homework assignments
12.	Language: English
13.	Number of ECTS: 2