

1.	Course name: Bionanotechnologies
2.	Course code conforms to USOS: 25-BI-S2-E+-BN
3.	University department: Faculty of Biological Sciences, Institute of Genetics and Microbiology, Department of Microbiology
4.	Course type: lecture (10h) and seminar (10h)
5.	Degree: master
6.	Semester: summer
7.	Number of hours: 20
8.	Name, Surname, academic title: Anna Kędziora, PhD (anna.kedziora@uwr.edu.pl)
9.	Course description/Content: History of bionanotechnology. Aim of nanotechnology. Impact of nanoscience in biology and medicine development. Application of nanoproducts in the industry. Positive and negative aspects of nanomaterials usage. Hopes and fears of nanoproducts application.
10.	Recommended literature: Tuan Vo-Dinh, Nanotechnology in biology and medicine, Taylor&Francis Group 2006 Research articles and reviews recommended by the lecturer.
11.	Form of credit: Lecture: written test Seminar: presentation
12.	Language: English
13.	Number of ECTS: 2