

Faculty of Environmental Management and Agriculture

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Course title: HYDROBIOLOGY AND BALTIC SEA PROTECTION

ECTS credit allocation (and other scores): 1.5

Semester: autumn

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Agricultural sciences

Language: English

Number of hours per semester: 25

Course coordinator/ Department and e-mail: dr Monika Panfil, Department of Water Resources Climatology and Environmental Management, monika.panfil@uwm.edu.pl

Type of classes: classes and lectures

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Substantive content

CLASSES: Develop reports and presentations based on statistical issues such as: exploitation of the Baltic Sea, the economic use of the Baltic Sea Waters, International cooperation in the Baltic region, pollution of marine waters, including pollution agricultural origin.

LECTURES: The concept of hydrobiology and ecology. Flora of the Baltic Sea. Fauna of the Baltic Sea. Geography of the Baltic Sea.

Learning purpose: Students learn about the issues of the Baltic Sea with emphasis on its protection.

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On completion of the study programme the graduate will gain:

Knowledge: The student has knowledge in the field of natural and economic functions of the Baltic Sea, with particular reference to the risks arising from its exploitation.

Skills: The student is able to assess the problem of the devastation of the waters of the Baltic Sea, for example, in the context of international cooperation and pollution from agricultural sources.

Social Competencies: The student identifies problems of economic exploitation of the Baltic Sea basin and the environmental threats to the Baltic Sea flora and fauna.

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Basic literature: Sikora A. 1988. Ochrona Bałtyku i jego zasobów. Ludowa Spółdzielnia Wydawnicza.

Supplementary literature: –

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The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 0.96 ECTS points

Student's independent work: 0.54 ECTS points