

Title <b>(Wstęp do ekologii)</b>	Code <b>1010701311010710544</b>
Field <b>Environmental Protection Technologies</b>	Year / Semester <b>1 / 1</b>
Specialty -	Course <b>core</b>
Hours Lectures: <b>1</b> Classes: -    Laboratory: -    Projects / seminars: -	Number of credits <b>3</b>
	Language <b>polish</b>

**Lecturer:**

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**Faculty:**

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**Status of the course in the study program:**

core

**Assumptions and objectives of the course:**

The Introduction to Ecology is to present general knowledge on the Earth, geospheres, ecosystems functioning rules and laws of the Nature. Teaching of ecological consciousness and ethical attitude will be performed. Objective of the course is to pay attention on fundamental environmental problems of the modern world.

**Contents of the course (course description):**

The knowledge of basic ecological expressions will be presented. During the course, many environmentally important topics such as: laws of the Nature and the ecosystems functioning rules, raw materials and energy resources or devices used for ecological politics execution, will be presented. Ecological consciousness and ethical attitude will be considered. In the global perspective, the problem of devastation of environment caused by human activity will be discussed. Effects of ozone layer decline, acid rains and weather anomaly will be presented. Furthermore, alternative energy sources, especially solar energy and hydrogen as a fuel for XXI century will be discussed.

**Introductory courses and the required pre-knowledge:**

Knowledge of general chemistry and biology

**Courses form and teaching methods:**

lecture

**Form and terms of complete the course - requirements and assessment methods:**

Course credit test

**Basic Bibliography:**

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**Additional Bibliography:**

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