

**DOCTORAL SCHOOL OF WROCLAW UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

SUPERVISOR DECLARING/CONDUCTING COURSE: Małgorzata Kabsch-Korbutowicz
DEPARTMENT: Faculty of Environmental Engineering W7
SCIENTIFIC DISCIPLINE: Environmental Engineering, Mining and Energy

COURSE CARD

Course name in Polish: Cywilizacja a środowisko
Course name in English: Civilization and the environment
Course language Polish / ~~English~~*
University-wide general course type*:
The course is intended for all PhD students: YES / NO
1) ~~BASIC COURSE~~
2) ~~SPECIALIST COURSE~~
3) ~~SEMINAR~~
4) HUMANISTIC COURSE
5) ~~LANGUAGE~~

Subject code: IGQ100015W

* delete as applicable

	Lecture	Foreign language course	Seminar	Mixed forms
Number of hours of organized classes in university (ZZU)	30			
Grading	Exam	Exam	Oral presentation	Exam, inspection, evaluation classes
Number of ECTS points	0			

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

No prerequisites

COURSE OBJECTIVES

- C1. To acquaint students with the mechanisms shaping the relationship of human community - the environment, and the possibilities of their influencing.
C2. To introduce students to the possibilities of realization of the sustainable development strategy.

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PROGRAM CONTENTS

Form of classes – lecture (Lec)		Number of hours
Lec1	Introduction. Anthropoppression	2
Lec2	Demographic growth and the development of civilization as the primary causes of environmental degradation	2
Lec3	Losses on the environmental degradation	2
Lec4	The relationship of the human community – the environment in different social systems	2
Lec5	Water resources on the Earth	2
Lec6	The social threats that arise due to the lack of water	2
Lec7	Prosperity and environmental degradation. Globalization and the environment	2
Lec8	Sustainable development goals and possible implementation	2
Lec9	The impact of the environment on people	2
Lec10- Lec15	The analysis of specific issues related to changes in the environment resulting from human activities	10
Total hours:		30

TEACHING TOOLS USED

N1. Information lecture
N2. Subject lecture.
N3. Multimedia presentation

ACHIEVED SUBJECT LEARNING OUTCOMES

Type of learning outcome	Code of learning outcome	Assessment of learning outcome
Knowledge	P8S_WK	Student has a structured knowledge of humanities and/or managerial subjects.

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PRIMARY AND SECONDARY LITERATURE

PRIMARY LITERATURE:

- [1] Bampton, M. (1999) "Anthropogenic Transformation" in Encyclopedia of Environmental Science, D. E. Alexander and R. W. Fairbridge (eds.), Kluwer Academic Publishers, Dordrecht, The Netherlands,
- [2] Wuebbles, D.J., D.W. Fahey, K.A. Hibbard, B. DeAngelo, S. Doherty, K. Hayhoe, R. Horton, J.P. Kossin, P.C. Taylor, A.M. Waple, and C.P. Weaver, 2017: Executive summary. In: *Climate Science Special Report: Fourth National Climate Assessment, Volume I* [Wuebbles, D.J., D.W. Fahey, K.A. Hibbard, D.J. Dokken, B.C. Stewart, and T.K. Maycock (eds.)]. U.S. Global Change Research Program, Washington, DC, USA, pp. 12-34
- [3] Our Common Future, The Report of the World Commission on Environment and Development, New York 1987
- [4] current literature

SECONDARY LITERATURE:

internet

SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)

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