<table>
<tr><td rowspan="7">To be filled in by the Field of Study Committee</td><td colspan="4">Module (course block) name: DIRECTIONAL SUBJECTS (PiRwA)</td><td colspan="3">Module code: E</td></tr>
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	Module (course block) name: **DIRECTIONAL SUBJECTS (PiRwA)**				Module code: E		
To be filled in by the Field of Study Committee	Course name: **ECONOMICS OF THE ENVIRONMENT PROTECTION AND NATURAL RESOURCES**				Course code: 47.3.		
	Organisational Unit conducting the course/module: **Instytut Ekonomiczny**						
	Field of study: **Administration**				Study cycle: **bachelor**		
	Mode of study: **full - time**				Study profile: **practical**		
	Year / semester: **III/V**	Course/module status: **optional**			Course/module language: **polish/english**		
	Form of tuition	lecture	class	laboratory	project	seminar	other (please, specify)
	Course load (hrs)		**30**				

Module/course coordinator	PhD eng. Marcin Bukowski
Lecturer	PhD eng. Marcin Bukowski
Course/module objectives	Presentation of the basic concepts and focus areas of environmental economics. Indication the basic problems related to the valuation of environmental services and sustainable development issues.
Entry requirements	no requirements

LEARNING OUTCOMES

No.	Learning outcome description	Reference to the learning outcomes for **Field of Study**
Knowledge – the student:		
01	He has knowledge about the role and importance of the natural environment as well as the sustainable development and preservation of biodiversity	K1P_W03 K1P_W04
02	He knows the basic national and international laws regarding environmental protection	K1P_W07
Skills – the student:		
03	Identifies and analyzes phenomena that affect the state of the natural environment and natural resources, and demonstrates knowledge of the use of typical techniques and their optimization adapted to the spatial development.	K1P_U01 K1P_U16
04	Has the ability to take standard actions, using appropriate methods, techniques, technologies, tools and materials, solving problems in the field of the natural environment and natural resources	K1P_U08
Social competences – the student:		
05	Is aware of the importance and understands effects of activities, including its impact on the environment and the related responsibility for decisions.	K1P_K07

CURRICULUM CONTENTS

Classes

Object of study and explanation of basic concepts of economics of the environment protection; The differences between traditional economics, ecological economics and sustainable development economic; The ecological crisis as a challenge to the modern world; Environmental management problems; Environmental policy; Environmental valuation methods; Economic and social effects of pollution, environmental financing; Tax Pigou and Coase theorem; Ecological policy and its instruments. Environmental protection in the enterprise.

Basic literature	1. Liziński T., Podstawy ekonomii środowiska i zarządzania

	środowiskiem, Wyd. PWSZ, Elbląg 2010. 2. Zarządzanie środowiskiem, Poskrobko B., PWE, Warszawa 2007.
Additional literature	1. Macias A., Bródka S., Przyrodnicze podstawy gospodarowania przestrzenią, PWN, Warszawa 2014. 2. Prawo ochrony środowiska, Górski M. (red.), Lex a Wolters Kluwer, Warszawa 2014.
Teaching methods	Lectures with multimedia presentation. Discussion about the selected problems in the field of environmental economics, an exchange of ideas allowing for the development of the ability to apply theoretical knowledge
Form and terms of awarding credits	Writing credits

Learning outcomes verification methods	Learning outcome number
Test	01-03
Observation during discussion	02-05

STUDENT WORKLOAD		
	Number of hours	
Type of activity/tuition	Total	Activities related to practical professional preparation
Participation in lectures		
Independent study of lecture topics		
Participation in classes and laboratories*	30	20
Independent preparation for classes*	90	50
Preparation of projects/essays/etc. *		
Preparation for examination/credit awarding test	30	5
Participation in consultation hours	2	
Other		
TOTAL student workload in hours	152	75
Number of ECTS credits for the course	**6**	
Number of ECTS credits assigned to the scientific discipline	**4 (Ekonomia i finanse)** **1 (Nauki o zarządzaniu i jakości)** **1 (Nauki prawne)**	
Number of ECTS credits associated with practical classes*	3	
Number of ECTS credits for classes which require direct participation of lecturers	1,3	