CODE: ECO 4.1		COURSE TITLE: MATERIALS AND TECHNOLOGIES IN CIVIL ENGINEERING							ECTS: 6	
Coordinator:					Departm					
Anna Maria Grabiec					Institute of Construction and Geoengineering					
Course category Open										
Open										
VOLUME: 60 H					PERSONAL WORK: 40			40 H		
Lectures: 30 H	PRACTICALS H		PLACEM		иент: Н	Proj	јест: От		HER MODALITIES: (H)	
EVALUATION:			OTHER MODALITIES			:	Lecturer(s)			
EVALUATION MODALITIES							Anna Maria Grabi Daniel Zawal		iec	
ORAL INDIVIDUAL REPORT		X					Ireneusz La			
WRITTEN INDIVIDUAL REPORT		X								
FINAL ORAL EXAM										
FINAL WRITTEN E	XAM	X								
COMMENTS OF EVALUATION:				Mult	TEACHING METHODS: Multimedia presentations; auditorium classes; laboratory classes					
SEMESTER: SUMMER				Land	LANGUAGE: ENGLISH					
Period: 15 weeks				YEAR OF STUDY: OPEN						
OBJECTIVES										
Gaining knowledge of contemporary and future trends in civil engineering (including building materials and technologies)										
CONTENTS										
for civil and envir reduction of CO2 materials; modern Classes: Auditori with lecture topic	ronme emiss n plast um ac s rega ions o	ental engasion in continuities for continuities for continuities for continuities for enviro	ineeri ement ivil er - studi oncrete nment	ng; eco- and con ngineering les on so te technol ally frien	cements; a acrete indu ng. urce mate ogy. Labo ndly mate	ndditiv stry; s rials (pratory	ves and admix special concr literature and y activities or	xtures etes; h l EU s n conc	tandards) connected	

PRE-REQUISES: Basics of environmental sciences

GROUP SIZE: 10