

Blended Intensive Program



SUSTAINABLE AND RESILIENT PAVEMENTS:

Paving the Way
to a Greener Future

ACADEMIC YEAR

2023 - 2024

SEMESTER

2

ENROLLMENT REQUIREMENTS

Last year BA or MA student

CREDITS

3

INSTRUCTION LANGUAGE

English

COORDINATOR:

Aristotle University of Thessaloniki



ARISTOTLE
UNIVERSITY
OF THESSALONIKI

IN CONJUNCTION WITH:



Universidade do Minho



UNIVERSIDAD
DE GRANADA



UNIVERSITÀ
POLITECNICA
DELLE MARCHE

UANTWERP, BELGIUM

TU DELFT, THE NETHERLANDS

**RWTH AACHEN UNIVERSITY,
GERMANY**

**UNIVERSITY OF MINHO,
PORTUGAL**

**UNIVERSITY OF GRANADA,
SPAIN**

**UNIVERSITÀ POLITECNICA DELLE
MARGHE, ANCONA, ITALY**

**INTERESTED
IN JOINING ?**

Join our innovative Blended Intensive Program designed to pave the way towards a sustainable and eco-friendly future!

Our comprehensive course focuses on the latest advancements in creating durable, environmentally sustainable pavements.

Through a blend of immersive online module and hands-on practical sessions, participants will delve into cutting-edge techniques, materials, and technologies reshaping the construction industry.

As a Civil Engineer this program empowers you to contribute significantly to greener infrastructures.

By the end of the course, you'll possess a deep understanding of sustainable pavement design, maintenance, and rehabilitation, making a positive impact on both our environment and communities.

Enroll now and become a driving force in building a resilient tomorrow!

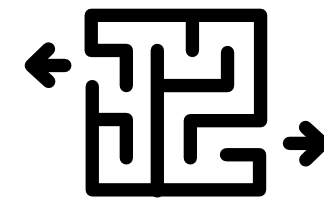
LEARNING OUTCOMES



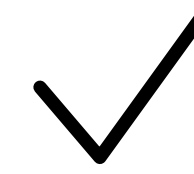
The student is familiar with the methods to find information in the literature and can apply these to find information.



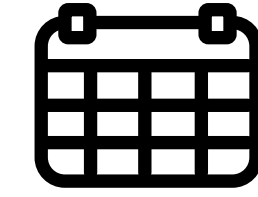
The student can apply literature data to chart a practical problem.



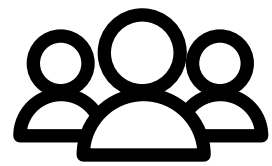
The student develops a research attitude and is capable of solving a practical problem.



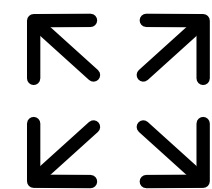
The student can apply current engineering knowledge to the problem at hand.



The student is able to set up a plan and timeline schedule, divide the work and manage the arrangements that have been made.



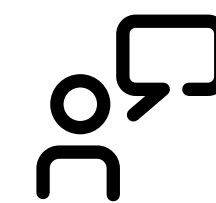
The student can work in an international and multidisciplinary team, virtually as well as face-to-face.



The student can elaborate correctly on a well-defined project in an international and multidisciplinary team.



The student knows the reporting requirements and can make a written report concerning the project.



The student can orally present the project in front of fellow students and professors.



The student is able to situate the results of his/her project in an international context in which economy, social context, ecology, ethics and safety play an important role.



PROGRAM OBJECTIVES

The objective of the Blended Intensive Program

**"Sustainable and Resilient Pavements:
Paving the Way to a Greener Future"**

would be to provide a comprehensive and interdisciplinary education on the design, construction, and maintenance of environmentally friendly and durable pavement systems.

This program aims to address the pressing global challenges of climate change and infrastructure sustainability.

PROGRAM OBJECTIVES

01

EDUCATION

To equip students with cutting-edge knowledge and skills in sustainable pavement engineering.

02

RESEARCH

Foster research collaboration to develop innovative, eco-friendly pavement technologies.

03

ENVIRONMENTAL AWARENESS

Raise awareness about the environmental impact of traditional pavements.

PROGRAM OBJECTIVES

04

RESILIENCE

Inform participants about designing resilient pavements that can withstand climate change-related stresses.

05

CROSS-CULTURAL EXCHANGE

Promote cultural exchange and networking among students from various countries.

06

BEST PRACTICES

Share best practices and case studies of sustainable pavement projects.

07

POLICY ADVOCACY

Educate participants on advocating for sustainable infrastructure policies.

PROGRAM OBJECTIVES

08

INDUSTRY INTEGRATION

Facilitate industry partnerships to bridge academia and practice.

09

PROJECT DEVELOPMENT

Encourage students to develop sustainable pavement projects.

10

GLOBAL IMPACT

Inspire participants to contribute to a greener, more sustainable future through pavement engineering.

Overall, the program seeks to **empower** the next generation of engineers and professionals

with the knowledge and motivation to revolutionize pavement infrastructure,

making it both environmentally friendly and resilient in the face of climate challenges.

The International Week is part of the Blended Intensive Program (BIP) that will run between



1 February 2024 and 30 April 2024

During this program the learning activities from the students will be organized via virtual mobility, as well as physical mobility from 15.04 - 19.04 2024.

FEB.

M	T	W	T	F	S	S
			01	02	03	04
05	06	07	08	09	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

MAR.

M	T	W	T	F	S	S
				01	02	03
04	05	06	07	08	09	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APR.

M	T	W	T	F	S	S
01	02	03	04	05	06	07
08	09	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1 FEBRUARY 2024

Start project work

15.04 - 19.04

International week in Thessaloniki

30.04

Written report project and final presentation



REGISTRATION

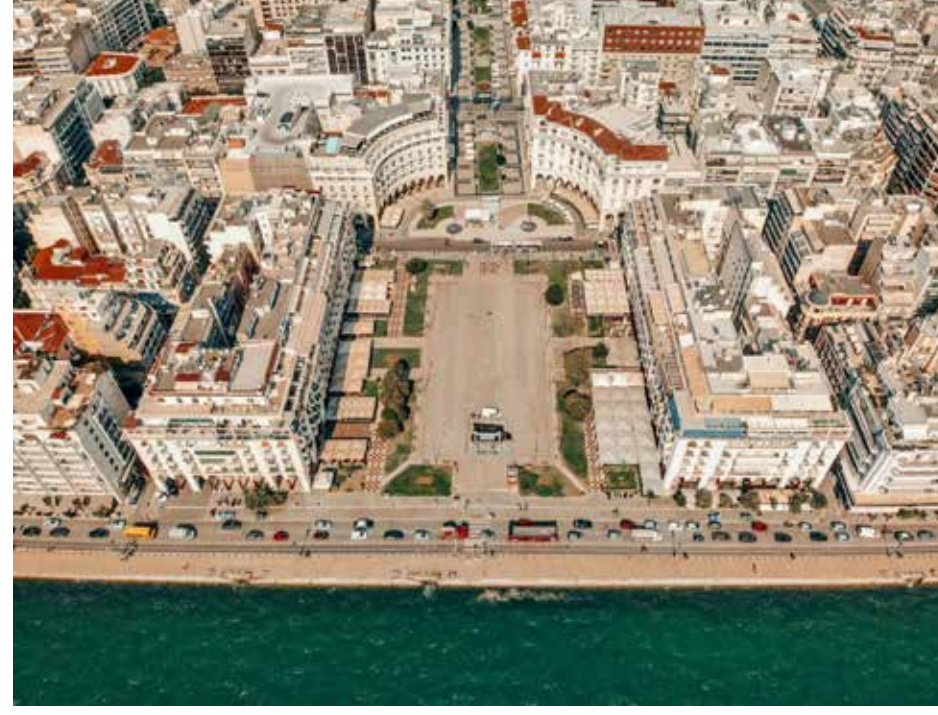
Please register to your local coordinator.

Registrations can be made up to
15th December 2023

ARISTOTLE UNIVERSITY



THESSALONIKI



CONTACT

**ACADEMIC
COORDINATOR:**

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**ADMINISTRATIVE
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