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Erasmus+ Programme
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ENROLL BASIC STUDIES IN 2024/2025

Polytechnic University of Tirana

**Faculty of Mechanical
Engineering**



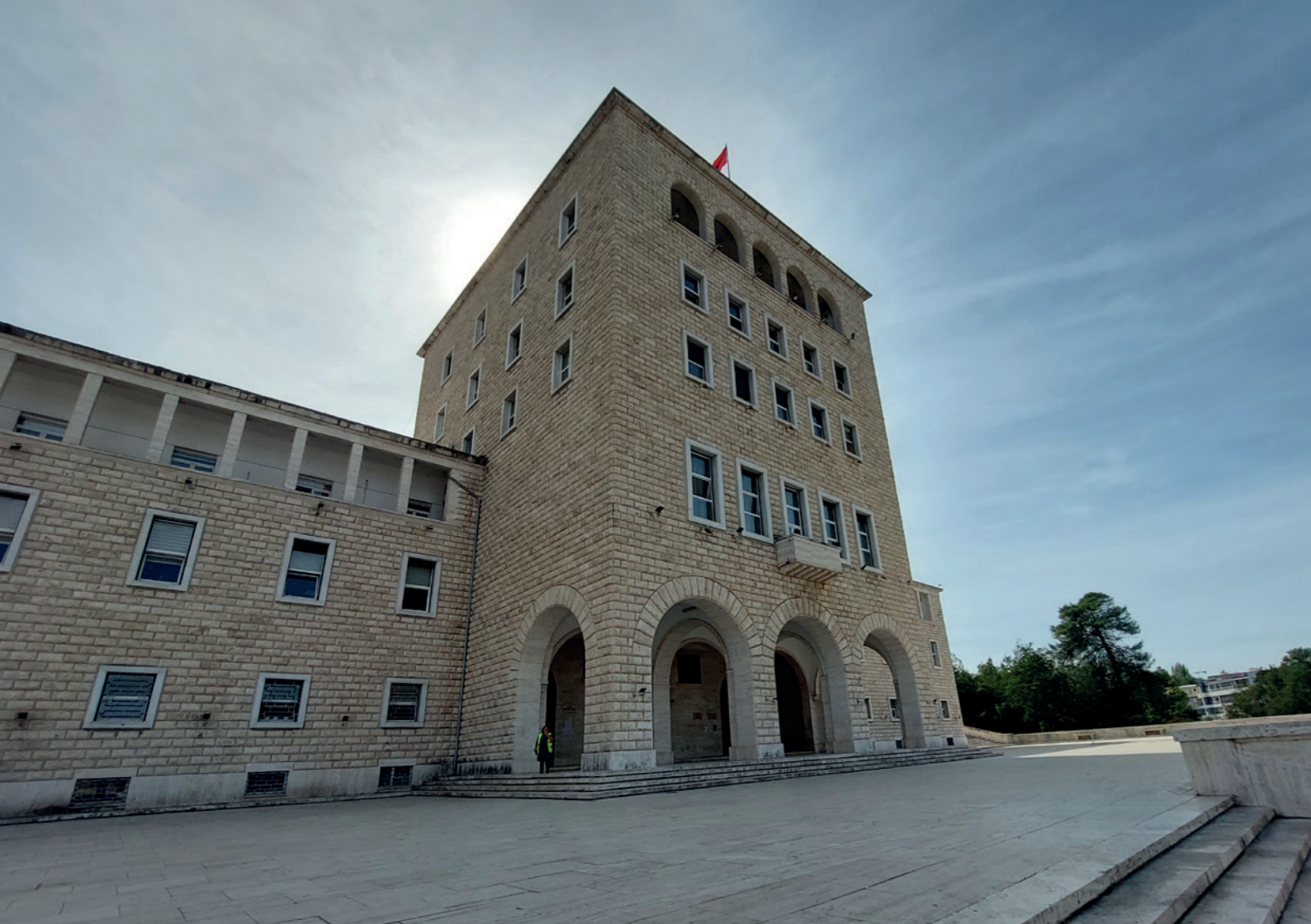
**Transport of Dangerous Goods – Modernization of Curricula and Development of Trainings for
Professionals in the Western Balkans HEIs (DGTRANS)**

Contract number 101082187-DGTRANS-ERASMUS-EDU-2022-CBHE

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THE RECTOR'S ADDRESS

The Polytechnic University of Tirana, has a long tradition in the education of first-hand professionals in engineering, technology and other technical sciences. We are proud of our legacy, which builds upon strong foundations of dedication towards a quality education, scientific research and community service.

Our aim is to create an environment where all the university community members; students, academic and support staff, can grow and develop in all directions. Our university aims to educate the future leaders, who will play a crucial role in the transformation of society and economy.

At our university, we encourage an inter-disciplinary approach and promote the cooperation among different disciplines to generate innovative solutions which have a sustainable influence on society at large. We are also proud of our diverse community who share the passion for science, technology and engineering.

I invite you to explore these endless opportunities that the Polytechnic University has to offer, starting from the academic programmes to the research activities and cooperation with the industry. Let's work together to build the future, based on knowledge, devotion and integrity.



Prof. Dr. Akli FUNDO
Rector of the Polytechnic
University of Tirana



Polytechnic University of Tirana

in numbers 2023-2024

14500 (approx.)
Enrolled students

11000 (approx.)
Bachelor students

3700 (approx.)
Master of Science,
Professional Master
and Master of Science -
Integrated degree students

80 (approx.)
PhD students

366
Professors
and researchers

230
Administrative staff and
academic support staff



Established in
1951

7 Faculties and
1 Research Institute

THE POLYTECHNIC UNIVERSITY OF TIRANA (UPT) IS A QUALITY PUBLIC INSTITUTION OF HIGHER EDUCATION FOUNDED AS THE POLYTECHNIC INSTITUTE IN 1951 AND IS CURRENTLY A LEADER IN ITS AREAS OF EXPERTISE IN THE COUNTRY.

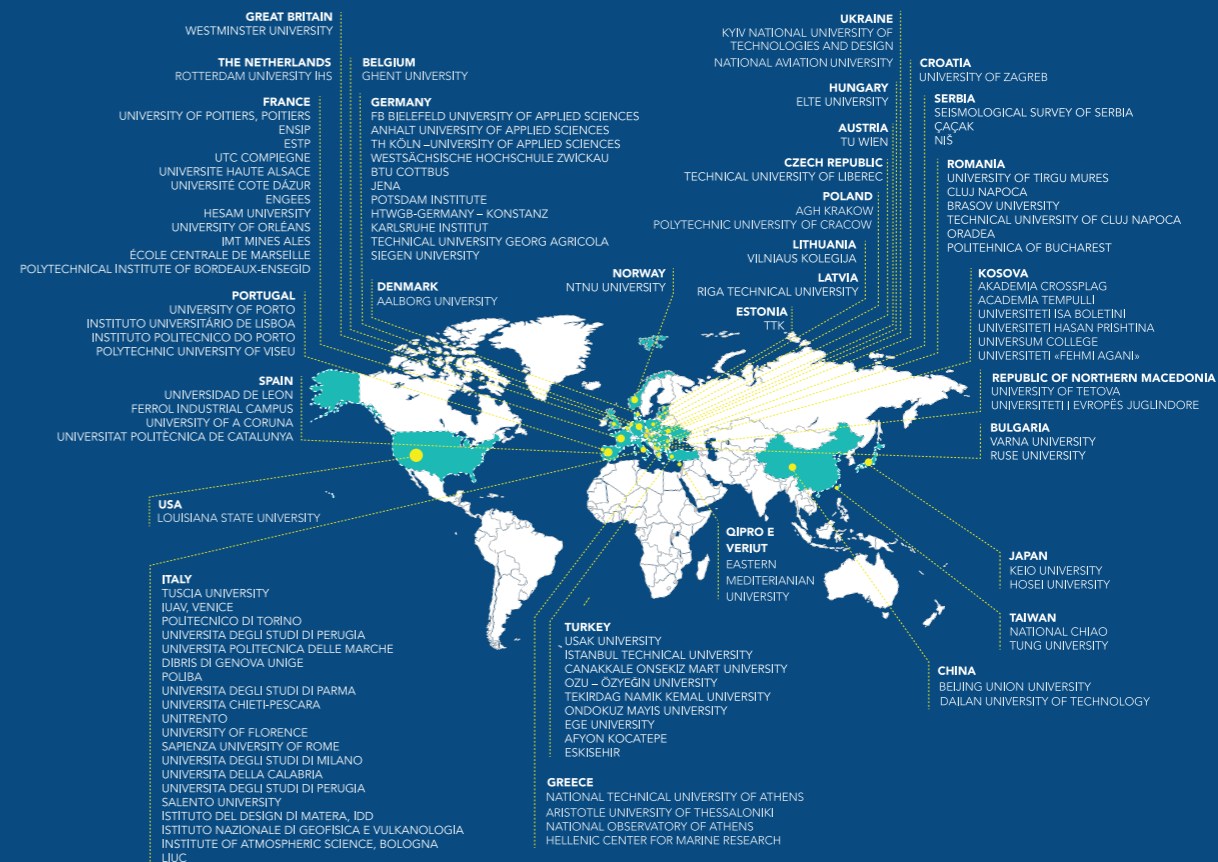
It aims to perfect and consolidate academic formation and solve important research and scientific problems nationally and regionally. As an Institution which greatly values Internationalization, cooperation with HEIS around Europe is considered indispensable and the university is open to every call for cooperation which creates opportunities for staff and students' exchange.

The Polytechnic University of Tirana has participated in Erasmus+ programme as a partner from countries not associated to the program since the beginning of the program and has year after year seen an increase in the number of ICMs and Capacity Building projects.

The Polytechnic University of Tirana considers the participation in Erasmus+ program and other international programs crucial and is always seeking opportunities for the staff and students to feel part of the European community of researchers, to be involved in research activities and acquire valuable experience that they can share with the community of peers in the home institution and implement in the labor market.

- 7**
Double Degree Programs
- 1**
Delocalised Double Master Degree Program
- 7**
University Networks
- 70+**
Erasmus Partners
- 100+**
MoU's signed

THE POLYTECHNIC UNIVERSITY HAS SIGNED **MORE THAN 100 INTER INSTITUTIONAL AGREEMENTS AND MOU-S** WITH UNIVERSITIES IN EUROPE AND AROUND THE WORLD





The Polytechnic University of Tirana offers Double Degrees in cooperation with these universities:

- 1. ESTP - ÉCOLE SPÉCIALE DES TRAVAUX PUBLICS, DU BÂTIMENT ET DE L'INDUSTRIE / FRANCE**
Faculty of Civil Engineering
- 2. UNIVERSITE DE COMPIEGNE / FRANCE**
Faculty of Information Technology
- 3. UNIVERSITÀ IUAV DI VENEZIA / ITALY**
Faculty of Architecture and Urbanism
- 4. UNIVERSITÀ DI FIRENZE / ITALY**
Faculty of Geology and Mining
- 5. UNIVERSITÀ DI TUSCIA / ITALY**
Faculty of Mechanical Engineering
- 6. UNIVERSITÀ DEGLI STUDI DI GENOVA / ITALY**
Faculty of Information Technology
- 7. POLITECNICO DI BARI / ITALY**
Faculty of Mechanical Engineering

Cooperation in full partnership with counterpart institutions at academic and scientific levels has always been one of the key priorities of the Polytechnic University of Tirana.

The Polytechnic University of Tirana has recently been awarded the **ECHE 2012-2027** (European Charter of Higher Education) by the European Commission.



ERASMUS KA1 AGREEMENTS POLYTECHNIC UNIVERSITY OF TIRANA

ITALY

POLITECNICO DI TORINO
TUSCIA UNIVERSITY
UNIVERSITY DEGLI STUDI DI GENOVA
UNIVERSITY OF TRENTO
POLITECNICO DI MILANO
POLITECNICO DI BARI
UNIVERSITÀ IUAV VENEZIA
UNIVERSITY OF CHIETI "G. D'ANNUNZIO"
UNIVERSITY OF SALENTO
UNIVERSITY OF SIENA
URBINO
CALABRIA UNIVERSITY
UNIVERSITY OF PERUGIA

FRANCE

UTC COMPIEGNE
UNIVERSITY OF POITIERS
ENGEES STRASBOURG
LIMOGES UNIVERSITY
UNIVERSITÉ DE HAUTE ALSACE
ESTP
IMT MINES ALES
UNIVERSITY OF ORLEANS
ÉCOLE CENTRALE DE MARSEILLE
ENSEGID BORDEAUX
UNIVERSITÉ CÔTE D'AZUR
HESAM UNIVERSITY

GERMANY

WESTSÄCHSISCHE HOCHSCHULE ZWICKAU
ANHALT UNIVERSITY OF APPLIED SCIENCES
UNIVERSITY OF KASSEL
BTU COTTBUS
BIELEFELD UNIVERSITY OF APPLIED SCIENCES
TECHNICAL UNIVERSITY GEORG AGRICOLA TH KÖLN

HUNGARY

EÖTVÖS LORÁND UNIVERSITY

NORWAY

NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

SPAIN

UNIVERSITY OF A CORUÑA
POLYTECHNIC UNIVERSITY OF CATALUNYA
UNIVERSITY OF SEVILLE
UNIVERSITY OF CARTAGENA
IES TEIS
CATALUNYA, BARCELONA

NETHERLANDS

VAN HALL LARENSTEIN UNIVERSITY
SAXION UNIVERSITY

PORTUGAL

UNIVERSITY OF PORTO
INSTITUTO UNIVERSITÁRIO DE LISBOA
INSTITUTO POLITECNICO DO PORTO
POLYTECHNIC UNIVERSITY OF VISEU

LATVIA

RIGA TECHNICAL UNIVERSITY

LITHUANIA

VILNIUS COLLEGE OF TECHNOLOGIES AND DESIGN

ESTONIA

UNIVERSITY OF APPLIED SCIENCES TTK

FINLAND

ABO AKADEMI

SWEDEN

MALARDALEN UNIVERSITY

GREAT BRITAIN

UNIVERSITY OF WESTMINSTER

POLAND

AGH UNIVERSITY
UNIVERSITY OF APPLIED SCIENCES NYSA

SLOVAKIA

ALEXANDER DUBČEK UNIVERSITY OF TREŇČÍN

CROATIA

UNIVERSITY OF ZAGREB

TURKEY

ISTANBUL TECHNICAL UNIVERSITY
IIA SAKARAY UNIVERSITY
ESKİŞEHİR EGE
ONDOKUZ MAYIS UNIVERSITY
AFYON KOCATEPE

ROMANIA

MCH TIRGU MURES
CLUJ NAPOCA
BRASOV UNIVERSITY
TECHNICAL UNIVERSITY OF CLUJ NAPOCA
ORADEA

BULGARIA

TECHNICAL UNIVERSITY SOFIA
UNIVERSITY OF RUSE

SLOVENIA

UNIVERSITY OF LJUBLJANA

GREECE

UNIVERSITY OF WEST ATTICA
UNIVERSITY OF WESTERN MACEDONIA

CZECH REPUBLIC

TECHNICAL UNIVERSITY OF LIBEREC



Tirana

Tirana is a lively city in Southeast Europe. The architecture of this city has aspects of all periods of time. Albanians are very hospitable, love and are open to foreigners visiting their country.

You can relax over a cup of coffee in one of the many bars in Tirana and enjoy the delicious food the restaurants offer with convenient prices.



Academic offer

The University specializes in Engineering and Architecture. It consists of **7 Faculties** and **1 Research Institute**.

Degree	Years	Credits
Bachelor	3	180
Professional Master	1-2	60/120
Master of Science	2	120
Master of Science - Integrated degree	5	300
Doctoral	3+	



Where is the Polytechnic University of Tirana?

Semesters



FALL SEMESTER
First Semester



WINTER EXAM
SESSION



SPRING SEMESTER
Second Semester



SUMMER EXAM
SESSION

The academic year consists of **2 semesters** each of **14 weeks at Bachelor level** and of **12 weeks at Master's level**.



Faculty of Mechanical Engineering

Department of Energetics
Department of Mechanics
Department of Production Management
Department of Textile and Fashion



Bachelor

Mechanical Engineering

Textile and Fashion
Engineering

Materials Engineering

Economic Engineering

Professional Master

Materials Engineering;
Transportation Engineering

Master of Science

Mechanical Engineering

- Construction of Machines and Movable Vehicles

- Energetics
- Manufacturing and Industrial Management

Materials Engineering, Materials

Textile and Fashion Engineering

Economic Engineering -
Energy Management

► Double Degree in
Mechanical Engineering in
partnership with University
of Tuscia, Viterbo, Italy.

PhD

Mechanical Engineering

- Mechanic constructions
and structural integrity
assessment



For more info
scan this code,
or visit
www.fim.edu.al

Faculty of Mechanical Engineering

Department of Mechanics

MODERNIZED CURRICULA



Professional Master

Transportation Engineering

Master of Science

Mechanical Engineering

- Construction of Machines and Movable Vehicles

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Master of Science

- Basic of TDG



Learning Objectives

The course program is designed for the mechanical branch of FIM. This course fulfills training requirements for: (1) general awareness and familiarization; (2) general safe-ty; (3) hazardous materials security awareness; and (4) functions specific training for the following transportation and pre-transportation functions The aim of this course is to prepare the student for real independent work for the correct solution of many difficult engineering problems in the field of TDG.

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Professional Master

- Vehicles for dangerous goods transport



Learning Objectives

1. Inspect the vehicle according to the request for the transport of dangerous goods. Determine deficiencies in equipment and devices for vehicles intended for the transport of dangerous goods. Make instructions for the technical equipment of vehicles for the transport of dangerous goods. Define the methods and techniques of conducting control of vehicles for the transport of dangerous goods. Apply the regulations and instructions for the control of vehicles for the transport of dangerous goods..

CONTACT DETAILS

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Universiteti Politeknik i Tiranës



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