

Undergraduate Studies Program

BSc – Economics and
Sustainable Development



May 2024





**UNIVERSITY OF
WESTERN MACEDONIA**
GREECE

BSc

Economics & Sustainable Development

This Undergraduate Studies Program combines environmental sciences and economics to equip students with the knowledge and skills needed to address global sustainability challenges in their future careers.

▶▶▶ Moving into our Future World!



Welcome to Greece!

“Birthland of Democracy, the Olympic Games, and Western Civilization (philosophy, science and math, theatre, drama, etc.)
Homeland of Socrates, Aristotle, and Plato.”

Greece is a peninsular country in SE Europe and East Med, strategically located at the crossroads of three continents: Europe, Asia, and Africa. It is a state member of the European Union, and the Eurozone and a Member of international organizations: NATO, EBRD, EIB, IBRD, IMF, IMO, OECD, UN, UNCTAD, UNESCO, WHO, WTO, CERN, etc.

Official name: Hellenic Republic

Population: 11 million

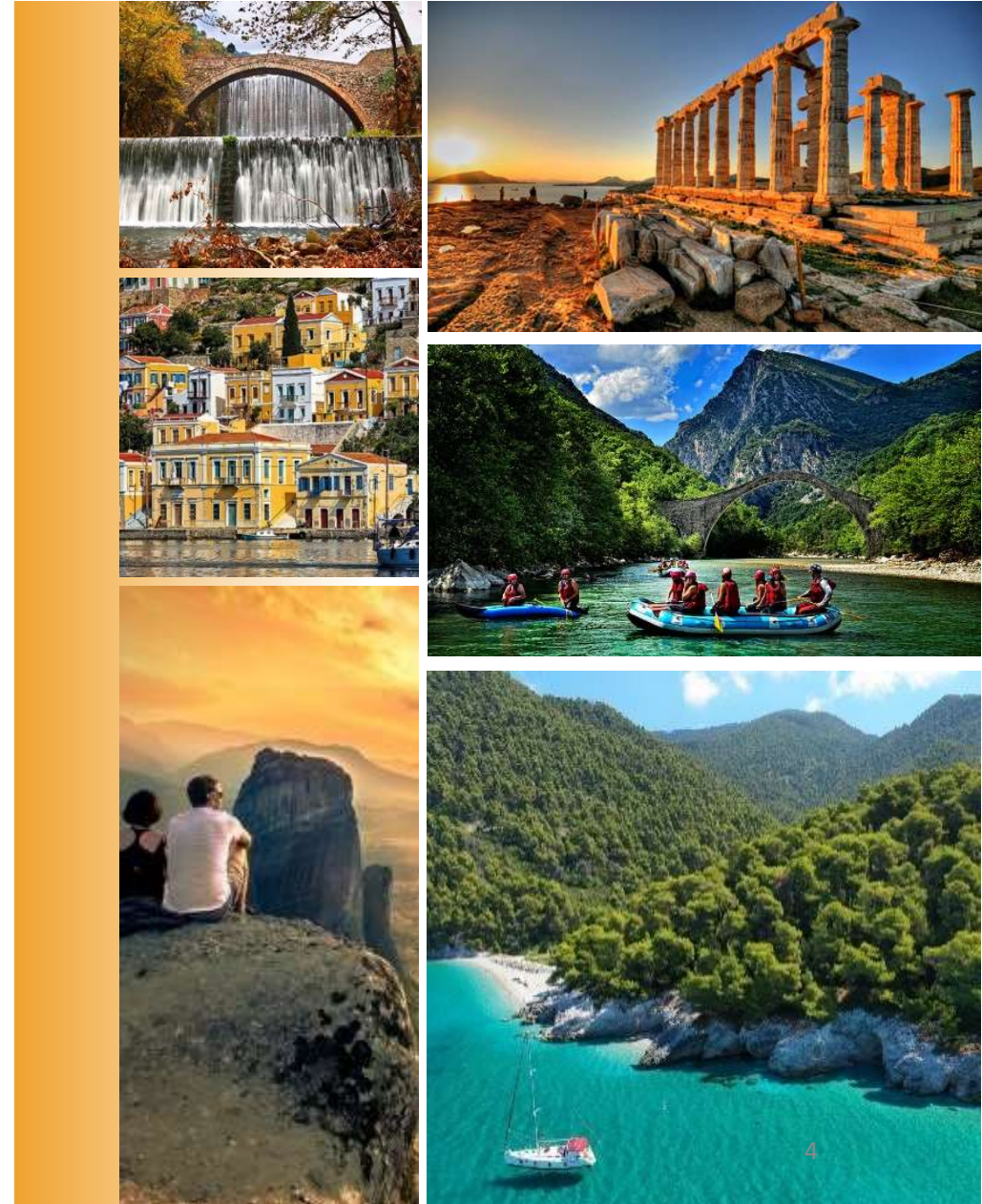
Currency: Euro

Capital: Athens



Greece in a snaphost

4 millennia of history	250 days of sunshine on average per year
18 UNESCO sites of world heritage and 5 Geoparks	28 mountains
100 archeological sites/museums	21 rivers
4 thousand years of Mediterranean cuisine/diet	18 lakes
100 inhabited islands	80 hot springs
	19 ski resorts
	6.000 islands/islets



Studying in Greece

Higher education in Greece has a long tradition of academic excellence and is being rapidly internationalized, offering international study programs/degrees and fostering partnerships with higher education institutions abroad.

Main advantages of student experience in Greece

- Degrees recognized in all EU countries and across the world
- Culture and Mediterranean lifestyle
- Welcoming communities/vibrant, safe cities
- Mild climate/sunny weather
- Affordable tuition fees for International students/ affordable cost of living



Studying at the University of Western Macedonia

Newly established, modern regional university on a trajectory of rapid growth and openness in 5 cities in Western Macedonia region, Kozani, Kastoria, Florina, Ptolemaida and Grevena.

UOWM in numbers

- 21 undergraduate study programs
- 36 postgraduate study programs
- 2 English-language undergraduate programs
- 15.000 undergraduate students
- 4.000 postgraduate students
- 47 Laboratories
- 700 Research projects (2017-2021)
- 9 Research Institutes
- First 10 spin-offs
- 200+ Partner Universities
- 185+ Erasmus bilateral agreements



University's Vision

“University leading in research - green innovation - knowledge - contribution to society actively engaging and supporting local, national and global efforts for a sustainable & inclusive future for all”



A Strategic Partner in the Region's green transition

The University of Western Macedonia, a strategic partner in the Western Macedonia Region's green transition, emerges as a European and Mediterranean Hub of applied green innovation and entrepreneurship.



Students gain unique opportunities to connect directly to applied research and career development in dynamic fields of green energy, innovation and new technologies.





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“We are thrilled to introduce you to the University of Western Macedonia UOWM in Greece, one of the leading universities for academic excellence and research in the dynamic fields of green innovation and sustainability, and to provide you exciting challenges for your professional career and personal growth.

Our newly offered undergraduate program in “Economics & Sustainable Development”, recognized in all 27 EU countries, complies fully with the growing demand in the international market for highly specialized graduates ready to excel in developing innovative solutions for a sustainable future for all.

With UOWM being established as one of the European hubs for green transition, applied research and business innovation, the university diploma will link you directly with work and business opportunities everywhere in the EU.

Here at the UOWM, you will be able to immediately engage in our thriving academic community and university life. The world-famous Greek hospitality and the friendly charming city of Kastoria will make you feel like home away from home.

We look forward to welcoming you to UOWM and supporting you to advance your future. “

**Theodoros
Theodoulidis**

*Rector of the
University of Western
Macedonia*



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“ The globalization of the economy, the international requirements for sustainable economic growth of the economies, the necessity for international energy regulations and the tendency for a clean energy investment activity increase the need for specialized and qualified expertise in the field of economics for sustainable economic growth and development at both the micro- and macro-level of economic activity.

This Bachelor’s program aims to train high-level executives to contribute to the management of private and state organizations and to embark them on a path of economic development that ensures the sustainability of those organizations and the world.

Upon completion, graduates will have acquired the skills to use all the necessary methods, tools, models, and practices appropriate for a sustainable environment. ”

Nicholas Tsounis
*Director of the
Economics & Sustainable
Development Program*



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Academic Title / Diploma

The Undergraduate Studies Program entitled: "**Economics & Sustainable Development**" is an English program at the University of Western Macedonia that provides academic excellence in sustainable economic growth and development. The newly offered program in the English language starts from the academic year 2024-2025, in Kastoria city.

The program was created by a partnership between three Departments: the *Department of Economics* of the Faculty of Economics, Chemical Engineering of the Faculty of Engineering, and *Mathematics* of the Faculty of Science and is located in Kastoria Campus. The responsibility for the organisation and the administration of the study program rests with the Department of Economics.



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Scope of the program

The education of non-Greek citizens at undergraduate level in economics and especially in the areas of:

- **sustainable economic growth and development**
- **circular economy**
- **ecology**
- **environmental economics with the use of environmentally friendly technologies.**

Graduates will be able to meet the needs of their countries' economies for sustainable economic growth and solutions' development and the needs of the international market, as well.



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Purpose of the program

To train executives to respond to the new requirements imposed by economic growth and development that fully take into account the needs of a burdened from economic activity environment, through:

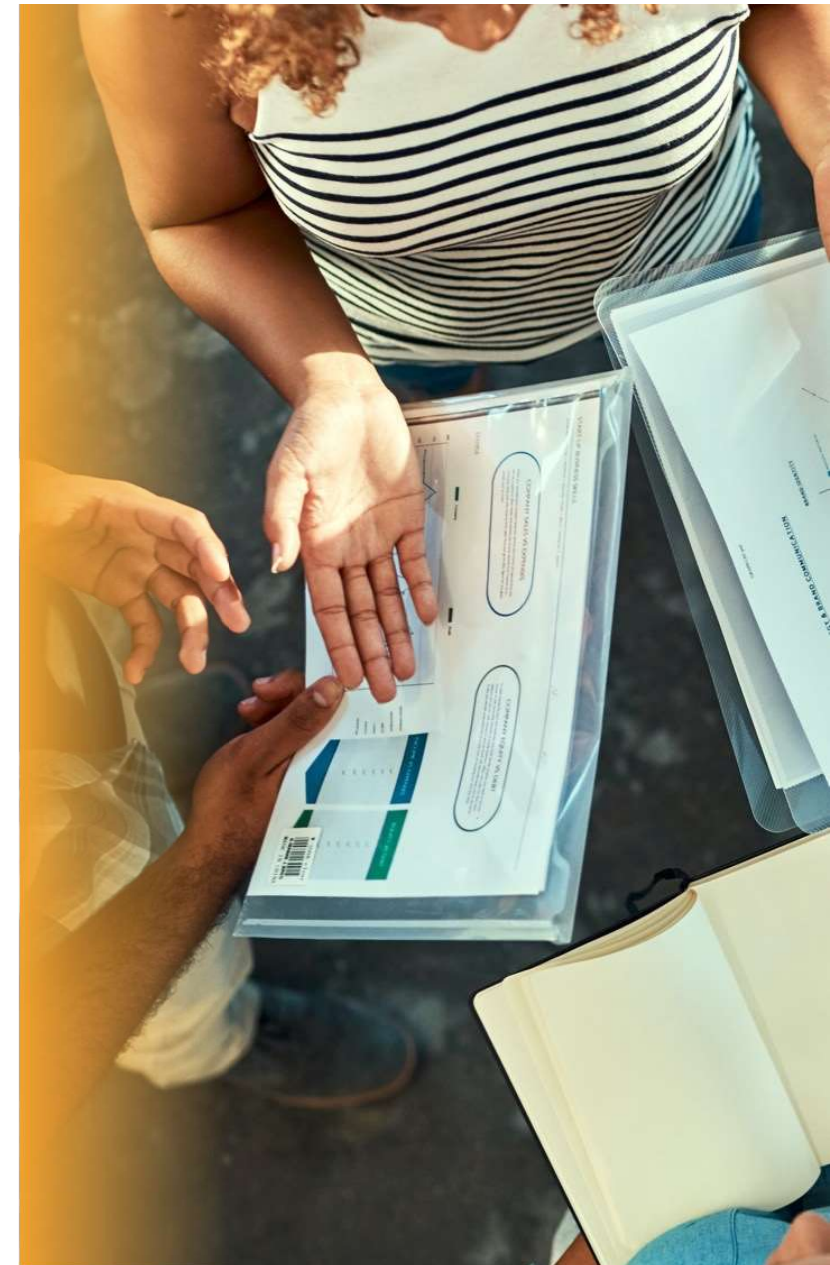
- Successful professional career in academia, research or business in their home country or internationally.
- Specialization in using Financial Analysis methods and tools with an emphasis on sustainable economic growth and development.
- Specialization in the international institutional framework of renewable energy sources and international energy trade.
- Special abilities and skills, in the field of management of energy sources and the protection of the environment.
- Deep knowledge or the organization and management of investments that create sustainable economic growth and development.
- Practical placement



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Learning Outcomes - Knowledge

- Gain a coherent and comprehensive body of knowledge on issues of Economic Analysis and Management of Entities in the fields of:
 - macroeconomic/microeconomic analysis
 - economic development
 - monetary analysis
 - public economics
 - business administration
 - cost-benefit /financial analysis
 - marketing
- Apply quantitative methodologies closely related to the economic science, such as methodologies for developing econometric models, time series analysis, statistical analysis, and investment evaluation.
- Analyze everyday economic problems and evaluate concrete economic policy proposals.
- Gain deep knowledge on issues related to the international institutional framework of renewable energy sources and energy sources management in relation to the protection of the environment.



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Learning Outcomes - Skills

- Collect, manage, analyze, and interpret socio-economic data critically and responsibly.
- Develop appropriate economic policy measures.
- Choose and correctly apply the appropriate financial tools to understand, explain, and deal with contemporary economic phenomena and problems.
- Use specialized software packages for the application of econometric and other quantitative techniques.

Learning Outcomes – Abilities

- Prepare and present scientific papers effectively.
- Carry out tasks efficiently on an individual and team level.
- Apply critical thinking to complex economic issues and problems.
- Demonstrate decision-making ability, responsibility, and autonomy.



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Admission Steps

Criteria for eligible candidates

- Residents of any country outside Greece,
- Holders of a high school diploma or a corresponding to level 3 education certificate according to the International Standard Classification of Education (ISCED)
- Holders of a certificate proving competence in English (for non English-speaking countries).
- Additional criteria may apply regarding the students' ability to meet the cost of living throughout their studies.

Visa

Students enrolled will receive a certificate for their registration to present to the Greek consular authorities of their country in order to obtain an entry and residence permit for studies (Schengen visa) with a duration of 4.5 years, including 6 months of optional placement.

The Visa is issued within 2-3 weeks after the application to the consulate.

<https://www.gvcworld.eu/>

Tuition Fees

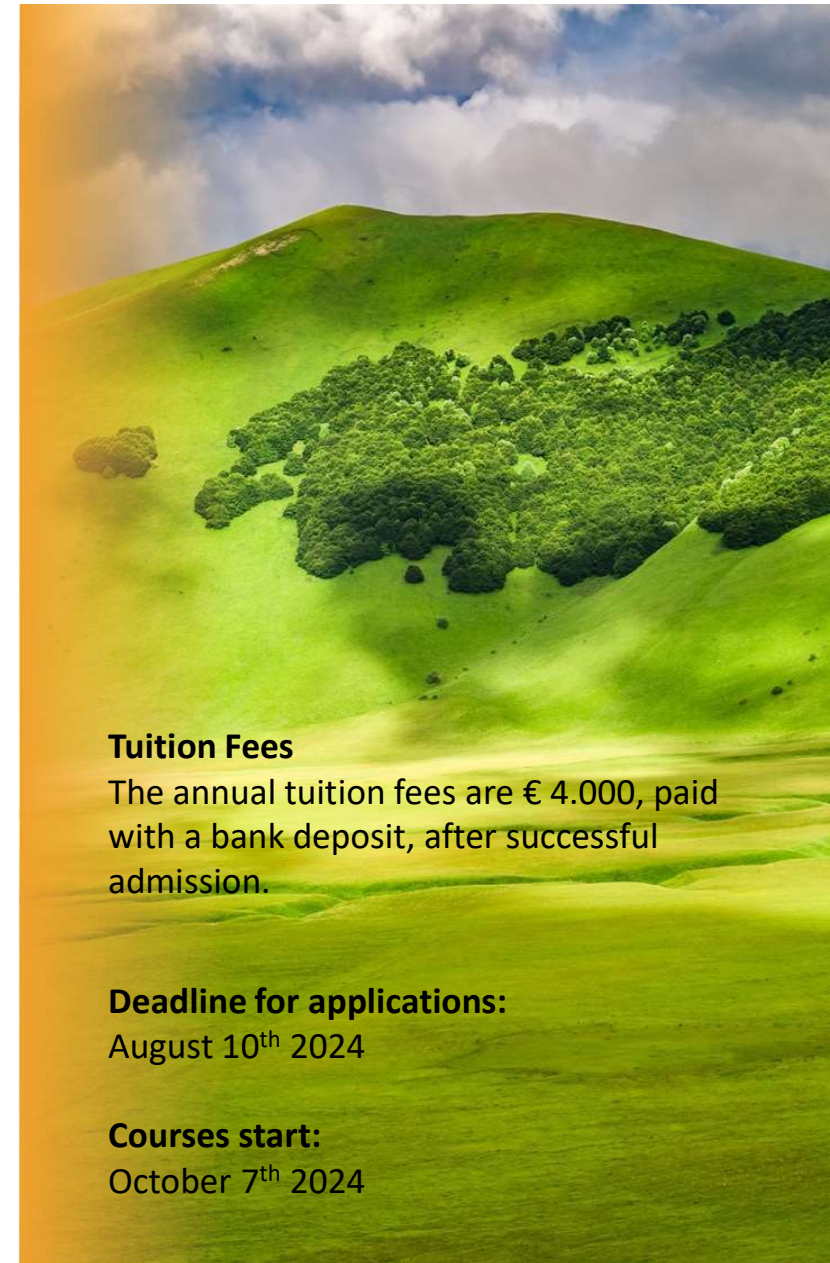
The annual tuition fees are € 4.000, paid with a bank deposit, after successful admission.

Deadline for applications:

August 10th 2024

Courses start:

October 7th 2024



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Study Program – Credits

- The curriculum of the 4-year/8-semester program has been designed taking into account the European Credit Transfer System (ECTS).
- One semester corresponds to 30 ECTS and 13 full weeks of teaching.
- 240 ECTS are needed for graduation .
- Students may undertake a 3-month optional placement, with three (3) ECTS credits on the subject of their studies in any member country of the European Union.



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Study Program- Courses

- Linear algebra
- Macroeconomic analysis
- Strategic management
- Energy policy and environment
- Statistics
- Data analysis
- Microeconomic analysis
- Environmental chemistry
- Mathematics for economic analysis
- Strategic marketing and communication for sustainability
- Financial economics
- Materials technologies in the industry
- International economics
- Advanced macroeconomic theory
- Atmospheric environment & sustainable development
- Fundamentals of entrepreneurship
- Business strategies for sustainability
- Dynamic mathematics
- Econometrics
- Climate change and sustainable development
- Environmental economics
- Computational mathematics
- Industrial organisation
- Rational management of natural resources
- International monetary relations
- Sustainable supply chain management
- Quantitative methods in business
- Ecology and sustainable development
- Time series analysis
- Organisational behaviour and development
- Laboratory research and economic development
- Banking and finance

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Assembly members

Nicholas Tsounis, Professor,
Department of Economics, Chair

Constantine Tsanaktsidis,
Professor, Department of
Chemical Engineering

Prodromos Tsinaslanidis,
Associate Professor, Department
of Economics

Melina Dritsaki, Assistant
Professor, Department of
Economics

Stavroula Laspita, Assistant
Professor, Department of
Economics

George Vassiliadis, Assistant
Professor, Department of
Mathematics

Adam Stimoniaris, Assistant
Professor, Department of
Chemical Engineering



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Facilities

Hosted by the Institute of Economic Analysis and Entrepreneurship in the center of Kastoria city, in modern facilities with two fully equipped classrooms and a laboratory.

Courses may also be hosted at the University's Campus in the Fourka area.

Library on the University Campus, Student Study Rooms and Reading Room of a total area of 100 sq.m.

Restaurant and canteen at the University's Campus.

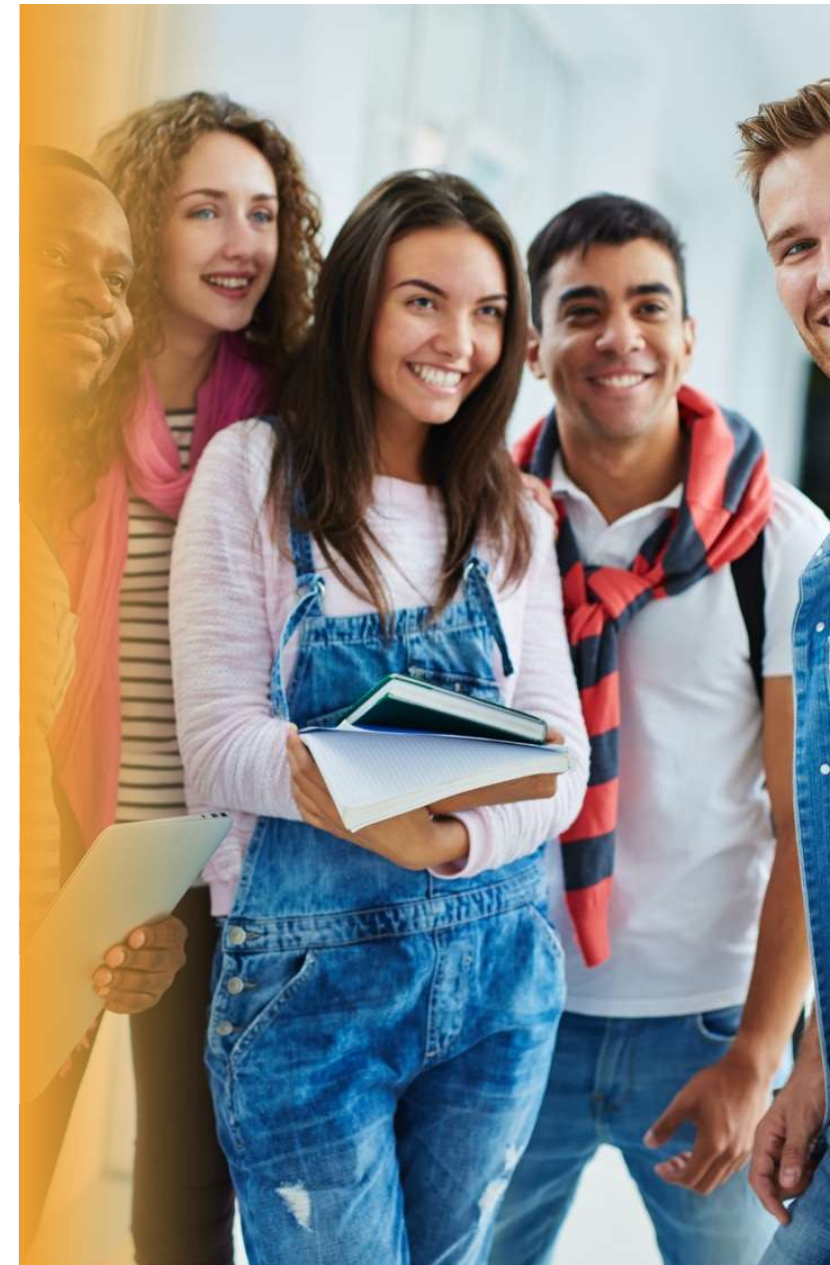


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Holistic care-oriented University for students

Students are at the core of UOWM's philosophy. International students will have full access to the Advisors and Support offered by UOWM and access to holistic care facilities and services available in five cities.

- Student Welfare
- Teaching and Learning Support Office
- Psychological & Advisory Support Unit
- Vulnerable Groups Support Unit
- Societies and Clubs/ Scientific teams
- Wellness & Sport facilities
- Accessibility/ Digital Accessibility Services
- Excellent student life in friendly campuses and safe, welcoming cities



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Enjoy living and studying in Kastoria

- Kastoria is a safe university city, international center for fur trade and popular tourism destination year round providing quality of life.
- Highly qualified professors with significant research and experience, developing daily interaction with students to maximize their learning experience
- Dining and entertainment options on and off campus are many and affordable.
- Affordable accommodation options off campus
- Easy access from Egnatia Highway from the city of Thessaloniki (less than 2 hours), close to the borders of Albania and North Macedonia, several routes on a daily basis by bus connecting with several Greek cities.
- State Airport of Kastoria “Aristotelis”.



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Benefits of studying in Greece and University of Western Macedonia

- Degree recognized in the 27 EU countries, opening job opportunities in a market of 448 million citizens and millions of businesses in Europe.
- Academic & research environment/infrastructure of European standards.
- Knowledge and active engagement in large-scale research & innovation projects for the green and digital transition.
- Ability for postgraduate and doctoral studies in all universities in Greece and the EU, with the prospect of a brilliant academic career.
- The student VISA (Schengen) and staying permit for the 4 ½ years of study, provides the opportunity to combine knowledge with travelling in Greece and in Europe.

Advance your future in the University
of Western Macedonia





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Information & Applications

sdg.uowm.gr



Contact info

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