



ARISTOTLE
UNIVERSITY
THESSALONIKI, GREECE



CULTIVATING **TOMORROW'S** **FOOD** **SYSTEMS**

The first English-taught undergraduate programme in Sustainable Agriculture and Food Science from Greece's largest university.

EU-recognised. Research-led.
Mediterranean.



www.safs.auth.gr



FOOD SYSTEMS AT A TURNING POINT

Food systems are entering a decisive era. Climate change, pressure on land and water, biodiversity loss, population growth and shifting consumer expectations are transforming how food is produced, processed and distributed. Sustainable agriculture and food science now sit at the centre of global resilience—connecting environmental responsibility, scientific innovation, public health and economic opportunity.

Producing more food is no longer enough. The challenge is to increase quality and availability while reducing emissions, protecting soils, conserving water and strengthening resilience across the entire agri-food chain.



Agriculture is becoming a technology-driven science, shaped by data, sensors, biotechnology, precision systems, automation and artificial intelligence.

At the same time, food science is redefining safety, nutrition, preservation, traceability and product innovation. From functional foods to sustainable processing, scientific expertise is essential at every stage from farm to consumer.



The sector needs professionals who can understand living systems, food chemistry, engineering, economics, policy and sustainability as one connected system.

This creates a new generation of careers across production, food industries, agri-technology, environmental management, consulting, research, entrepreneurship and international organisations—careers built around solving problems that affect every society.

A FIELD BUILT FOR IMPACT

The transformation of food systems requires more than isolated expertise. It calls for professionals who can connect production, technology, food quality, natural resources and human needs—and translate scientific knowledge into practical, responsible solutions.

The future of agriculture will be measured not only by yield, but by resilience: how intelligently we use water and energy, protect biodiversity, improve animal welfare, reduce waste, adapt to climate pressure and deliver safe, nutritious food to a growing population. Every decision—from soil management to food processing—now carries environmental, social and economic consequences.

That is why sustainable agriculture and food science have become strategic fields: they shape food security, public health, resilient rural economies, environmental protection and the global transition towards a more efficient, responsible and resource-conscious future.

“

The next agricultural revolution will not be defined by producing more alone, but by producing better—with science, precision and responsibility.

”

ONE INTEGRATED DEGREE

ACROSS THE ENTIRE AGRI-FOOD SYSTEM

A five-year, English-taught Integrated Master combining agriculture, food science, chemistry, technology, economics and sustainability within one coherent academic pathway, jointly delivered by two established Schools and supported by the academic and research environment of Aristotle University of Thessaloniki.



Students complete 45 of 55 available courses across the first nine semesters, earning 270 ECTS, before preparing and defending a 30-ECTS diploma thesis during semester ten. The full five-year programme totals 300 ECTS and leads to a Level 7 Integrated Master qualification, providing direct academic preparation for doctoral studies and advanced professional pathways.



Jointly delivered by the School of Agriculture and the School of Chemistry, the programme integrates crop and animal production, food science, biotechnology, natural resource management, agricultural engineering, digital systems, economics, governance, entrepreneurship and sustainability within a unified curriculum designed to connect scientific knowledge with contemporary agri-food challenges.

WHY THIS PROGRAMME STANDS APART

DESIGNED DIFFERENTLY

Sustainable Agriculture and Food Science is designed for students who want more than a broad introduction to agriculture. It brings together research-active academics, contemporary course content and intensive applied learning to develop professionals who can understand the full agri-food system, work confidently across disciplines and convert scientific evidence into responsible decisions.



INTEGRATED PERSPECTIVE

Build expertise across production, food science, technology, sustainability, economics and governance.



RESEARCH-LED FACULTY

Learn from specialists whose teaching is shaped by active international research.



LEARNING THROUGH PRACTICE

Develop practical judgement through laboratory investigation, field exercises, projects and case studies.



ADVANCED TOOLS

Work with modern instrumentation, analytical methods and emerging digital agricultural technologies.

Learning combines lectures with laboratory sessions, field activities, applied projects, case studies and exposure to research. Students benefit from specialist facilities, modern analytical equipment, the 180-hectare University Farm and a dedicated academic advisor who supports their progress, study planning and academic development throughout the full duration of the degree.



A PROGRAMME LED WITH PURPOSE

A MESSAGE FROM THE PROGRAMME DIRECTOR

We designed this programme to unite scientific depth with practical experience, so students do more than understand agri-food systems—they gain the confidence and capability to improve them.

Prof. Thomas Kotsopoulos

A LIVING LABORATORY

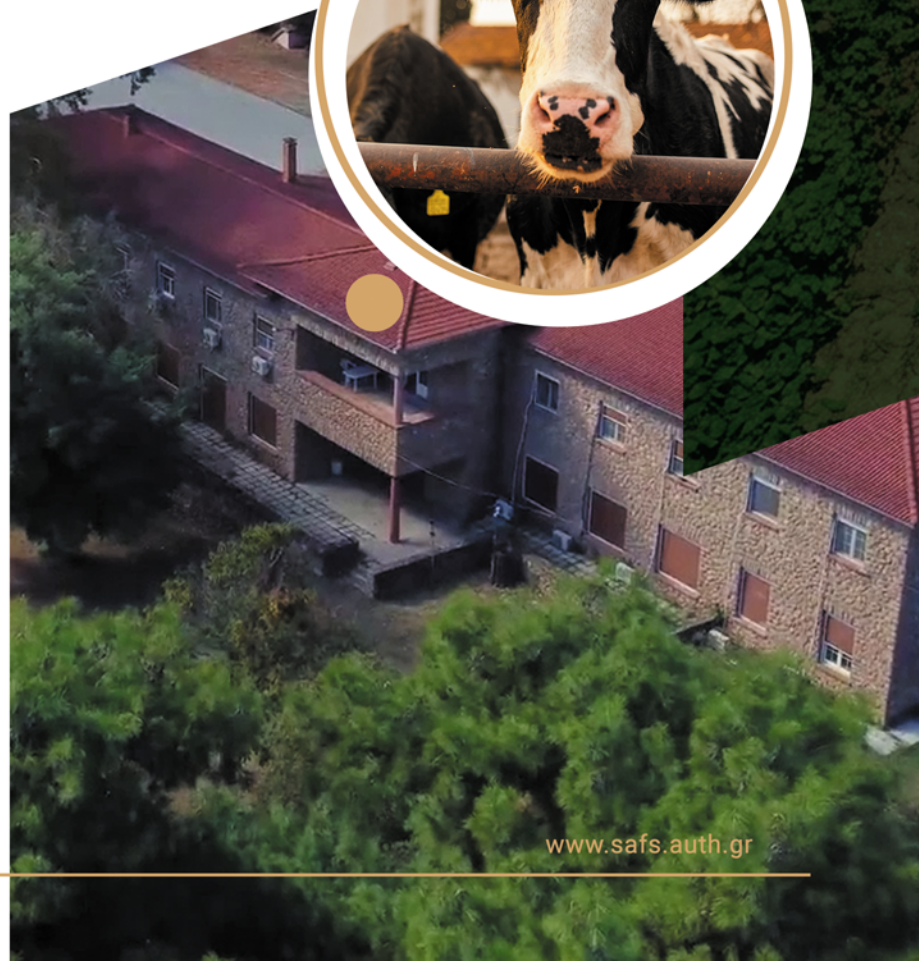
The University Farm is not simply a place students visit. It is a working educational and research environment where agriculture can be observed, tested and improved at full scale. Across approximately 180 hectares, crops, livestock, greenhouses, experimental units and specialised facilities bring together teaching, applied research and innovation—allowing students to connect scientific principles with the realities of production, environmental management and the wider agri-food system.

Located at the eastern edge of Thessaloniki, near the city and international airport, the Farm offers an uncommon combination: extensive agricultural infrastructure directly connected to a major European university and metropolitan academic community.

SCIENCE IN REAL CONDITIONS

Students learn where agricultural systems actually operate. Field plots, greenhouses, livestock units, orchards, vineyards and specialised equipment create opportunities to examine biological processes, production decisions, sustainability

The Farm supports laboratory exercises for many courses and hosts experimental work connected with undergraduate, postgraduate and doctoral research, creating a learning environment where teaching, scientific investigation and innovation reinforce one another.



www.safs.auth.gr

FROM OBSERVATION TO PROFESSIONAL JUDGEMENT

LEARNING IN ACTION

Applied learning is embedded throughout the student experience. At the University Farm, students move beyond theoretical descriptions to examine crops, soils, irrigation, animal production, controlled environments and agricultural technologies directly. They participate in field exercises, measurements, observations, practical demonstrations and research-related activities that develop scientific discipline and professional confidence. By working with real biological systems and production environments, students learn that agricultural decisions are interconnected—and that effective solutions must balance productivity, quality, animal welfare, environmental protection and economic reality.



180 ha
UNIVERSITY FARM



21

TEACHING & RESEARCH
BUILDINGS



#58

IN EUROPE

AGRICULTURE & FORESTRY
QS WORLD RANKINGS · 2025



This direct exposure helps students develop more than practical skills. It strengthens observation, problem-solving, teamwork and evidence-based decision-making—capabilities essential for graduates expected to respond to complex agricultural, environmental and food-system challenges.

www.safs.auth.gr

CAREERS ACROSS THE AGRI-FOOD SYSTEM

Sustainable Agriculture and Food Science prepares graduates for work across the full agri-food system—from primary production and food manufacturing to technology, environmental management, research, policy and entrepreneurship. Its interdisciplinary foundation supports careers requiring scientific judgement, practical problem-solving and the ability to balance productivity, quality, sustainability and economic performance. Graduates may build careers in private enterprises, public institutions, research organisations, consultancies, cooperatives, certification bodies and international development initiatives.

1. SUSTAINABLE AGRICULTURAL PRODUCTION
2. FOOD INDUSTRY, QUALITY AND SAFETY
3. AGRI-TECHNOLOGY AND DIGITAL AGRICULTURE
4. ENVIRONMENT AND NATURAL RESOURCES
5. AGRIBUSINESS, FINANCE AND CONSULTING
6. POLICY AND RURAL DEVELOPMENT
7. RESEARCH AND SCIENTIFIC INNOVATION
8. ENTREPRENEURSHIP AND INTERNATIONAL DEVELOPMENT

Because the curriculum spans science, technology, management and policy, graduates can develop a professional identity that reflects their interests while remaining equipped to collaborate across disciplines and sectors.

Professional opportunities include technical, analytical, advisory, managerial, research and entrepreneurial positions. Certain regulated agronomy roles may require recognition, registration or additional conditions under the legislation of the country where the graduate intends to practise.

FROM EXPERTISE TO IMPACT

Graduates can enter established sectors or help create new ones. Through their course choices, diploma thesis, research exposure and applied learning, they can build a profile oriented toward sustainable production, food innovation, digital agriculture, environmental management, agribusiness, public policy or advanced research—then combine these strengths as industries and professional roles continue to evolve.



What connects these pathways is the ability to understand the agri-food system as a whole. Graduates can interpret scientific evidence, evaluate technologies, manage resources, protect food quality, assess environmental impacts and communicate across professional boundaries—capabilities increasingly valued wherever agriculture, food, sustainability and innovation meet.

REPRESENTATIVE PROFESSIONAL PATHWAYS

Graduates may work as sustainable-production advisers, farm and agribusiness managers, food-quality specialists, precision-agriculture analysts, environmental consultants, agri-food policy officers, research scientists or founders of technology and food ventures.

These roles appear across farms, food companies, laboratories, certification bodies, technology firms, consultancies, cooperatives, public agencies, research centres and international organisations.

ARISTOTLE UNIVERSITY A CENTURY OF KNOWLEDGE



Founded in 1925, Aristotle University of Thessaloniki is Greece's largest and most comprehensive public university. Its academic community brings together Schools, departments, laboratories, libraries and research structures across a broad spectrum of scientific and creative fields.

For more than a century, Aristotle University of Thessaloniki has connected education, research and public impact. Today, it brings together a major academic community across science, engineering, health, humanities, arts and technology—creating an environment where students can explore ideas across disciplines and prepare for an international future.



Greece's largest university, with 11 Schools, 41 departments, extensive laboratory infrastructure and more than 90,000 enrolled students.



"Where curiosity becomes knowledge, and knowledge becomes impact."

100
YEARS AUTH

www.safs.auth.gr

THESSALONIKI A CITY OF IDEAS

Greece's second biggest city sits at the crossroads of Europe and the Eastern Mediterranean. Cosmopolitan, safe and deeply student-centred — with a cost of living that makes the most of your budget.

Founded in 315 BC, Thessaloniki brings centuries of ideas into a contemporary student experience. Roman and Byzantine landmarks, museums, cafés, festivals, waterfront walks and active neighbourhoods create a city where learning continues beyond campus. It is a place shaped by history, yet constantly open to new people, new questions and new perspectives.

As Greece's second-largest city and a major academic centre, Thessaloniki offers students a lively environment for study, collaboration and discovery. AUTH's central campus places academic life close to the city's cultural venues, restaurants, public spaces and waterfront, making daily life feel connected, social and distinctly Mediterranean.

Thessaloniki is also a city of movement and exchange. Its port, international airport, universities, cultural institutions and regional connections position it at the crossroads of Greece, the Balkans and Southeastern Europe. Students can experience a city with both local character and an outward-looking international rhythm.

- Experience a city where cafés, food, culture, museums, music and the waterfront become part of everyday student life rather than occasional attractions.
- Study from a central university campus with access to public transport, diverse neighbourhoods and a wider community shaped by education, research, creativity and entrepreneurship.
- Use Thessaloniki as a natural base for exploring Greece and Southeastern Europe, supported by an international airport, port and strong regional connections.

www.safs.auth.gr



ARISTOTLE
UNIVERSITY
THESSALONIKI, GREECE



Schools of Agriculture & Chemistry
AUTH Campus, 54124 Thessaloniki, Greece



safs@auth.gr
<https://safs.auth.gr/>



+30 2310 996022
Mon–Fri 9:30–14:00 EET

