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YILDIZ TECHNICAL UNIVERSITY

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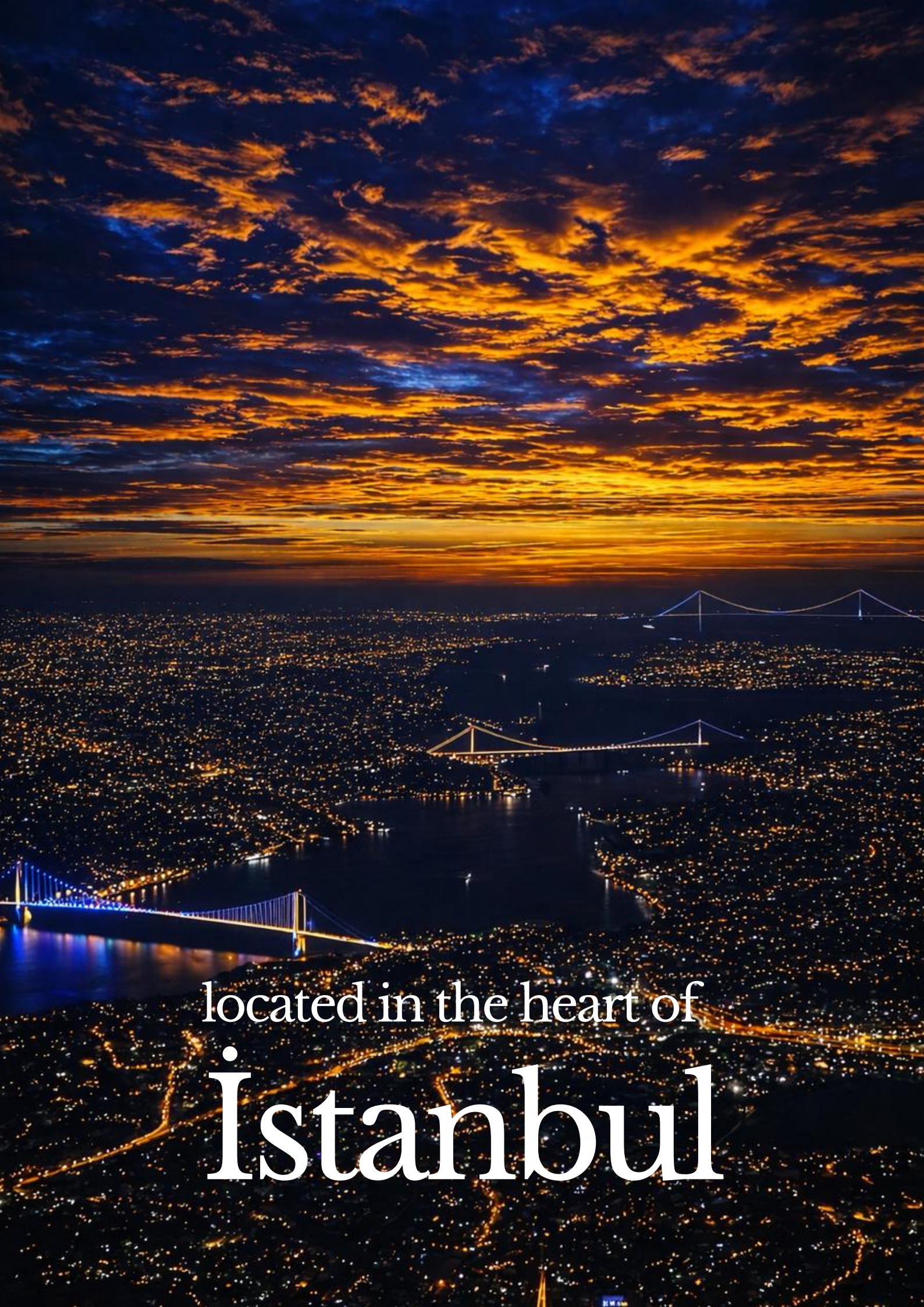
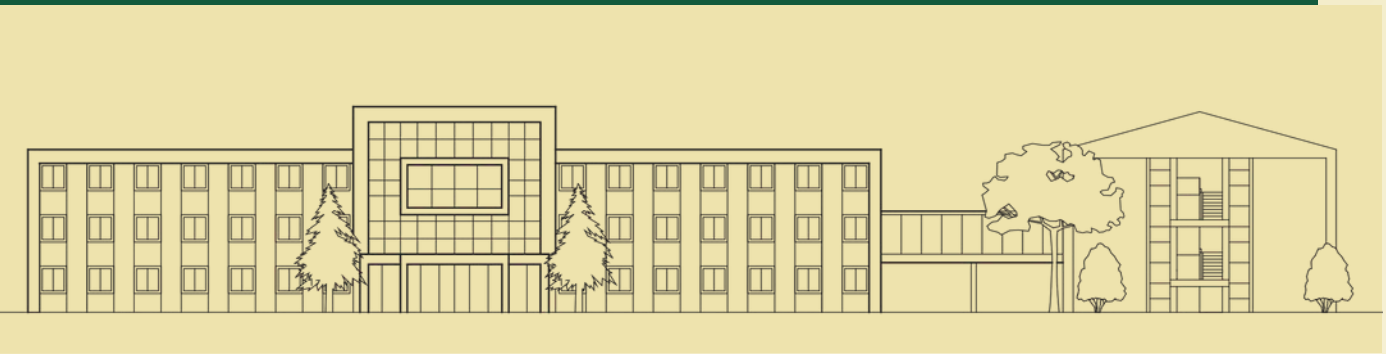
Faculty of Arts and Sciences

a century of academic strength.
a global academic voice.


located in the heart of
İstanbul

Who We Are & What We Stand For

Building on a long-standing academic tradition, the Faculty of Arts and Sciences advances a clear and forward-looking vision of excellence in education and research. With the fundamental sciences and humanities at its core, the Faculty positions knowledge production as a driving force for scientific progress, societal development, and the common good.



Dean's Message

In keeping withour commitment to excellence in science and education, the Faculty of Arts and Sciences strives to create an academic environment in which students, academics, and researchers are empowered to realise their full potential. Our foremost objective is to provide students with a rigorous intellectual foundation while offering our academic community a stimulating and supportive setting enriched by national and international collaboration. At the heart of the Faculty's mission lies a strong sense of responsibility towards society. We are guided by the conviction that knowledge and technology must be developed and applied in ways that are meaningful, sustainable, and beneficial beyond the boundaries of the university. In this respect, scientific advancement is inseparable from ethical awareness and social responsibility.

The fundamental sciences form the backbone of all scientific and technological progress, underpinning engineering applications and shaping innovation across disciplines. Together with the humanities, they play a decisive role in addressing the complex challenges facing both our country and humanity at large. With this understanding, the Faculty has introduced an innovative educational approach that integrates strong disciplinary foundations with interdisciplinary perspectives and societal engagement, equipping students not only with deep expertise in their fields but also with the capacity to navigate and contribute to an increasingly interconnected world.

Our academic programmes are designed to cultivate scientific reasoning, analytical thinking, and a strong commitment to ethical principles. We aim to educate individuals who are internationally competitive, intellectually curious, solution-oriented, and capable of generating value through knowledge. Each step taken during this academic journey represents not only an investment in individual careers but also a meaningful contribution to the future of science and society.

Equally central to our vision is the support of our academics and researchers. We remain firmly committed to fostering research of international calibre, encouraging interdisciplinary initiatives, and strengthening collaborations with public institutions, industry, and civil society. Through these efforts, we seek to enhance the social impact of scholarly work and transform scientific achievements into lasting benefits for wider communities.

Guided by our aspiration to become a leading centre of excellence in the fundamental sciences and humanities, the Faculty of Arts and Sciences continues to educate future scientists and scholars, support its academic community, and advance knowledge in service of society.

Prof. Dr. Salim Yüce
Dean of the Faculty of Arts and Sciences

January, 2026

About Us

The Faculty of Arts and Sciences is one of the oldest and most distinguished academic units of Yıldız Technical University.

Today, it comprises eight departments: Mathematics, Physics, Chemistry, Molecular Biology and Genetics, Statistics, Sociology, Turkish Language and Literature, and French Translation and Interpreting. Together, these departments form a comprehensive academic structure that bridges the sciences and the humanities.

Committed to advancing knowledge in both fundamental sciences and humanistic inquiry, the Faculty offers high-quality education at undergraduate and postgraduate levels, supported by a strong and accomplished academic staff. Beyond disciplinary expertise, the Faculty actively develops innovative interdisciplinary and interscientific approaches to education and research, fostering the intellectual flexibility required to address complex scientific and societal questions.

A major milestone in this regard is the introduction of the YTU-FAS Fundamental Sciences Education Model, implemented from the 2024-2025 academic year onwards. This model redefines undergraduate education by integrating a strong core curriculum with innovative certificate programmes that enable both disciplinary and interdisciplinary specialisation.

Faculty-wide compulsory courses including Introduction to Artificial Intelligence, Introduction to Basic Computer Technologies, Career Planning and Professional Ethics, and Social Responsibility and Justice have been embedded within revised curricula to strengthen technological literacy, ethical awareness, career readiness, and social consciousness. In addition, the course Writing Skills for Scientific Research supports students in developing academic communication skills in both Turkish and English.

Within this framework, departmental elective courses have been systematically restructured, and certificate programmes have been introduced to promote advanced scientific specialisation. Students are encouraged to engage not only within their home departments but also across the Faculty, fostering intellectual exchange and interdisciplinary learning. The Faculty places strong emphasis on university-community engagement and the transformation of academic knowledge into societal value.

Through expanding collaborations with public institutions, the private sector, and non-governmental organisations, the Faculty supports social responsibility projects and applied initiatives that provide students with real-world experience, enhance employability, and contribute to informed career planning.
Alongside educational excellence, the Faculty maintains a robust research profile supported by modern research and experimental laboratories. By combining theoretical depth with practical application, the Faculty prepares graduates who are not only proficient users of knowledge and technology but also innovative contributors to their fields.
Strengthening international visibility and scholarly impact remains a strategic priority.
The Faculty actively promotes international research and education partnerships and supports the participation of its students and academics in global programmes, projects, and academic networks.

Our Academic Heritage

The Faculty of Arts and Sciences is deeply embedded in the long and distinguished history of Yıldız Technical University, an institution with over a century of academic heritage and a significant role in the development of science, technology, and higher education.

The origins of the Faculty date back to 1969, when it was established as the Faculty of Fundamental Sciences during a period of institutional reorganisation. From its inception, the Faculty played a central role in shaping the university's academic identity by providing strong foundations in the fundamental sciences.

The Faculty was then reconstituted and renamed as the Faculty of Arts and Sciences in 1983, expanding its scope to include key disciplines in the humanities and social sciences alongside the sciences. This transformation reflected a growing recognition of the complementary roles of scientific and humanistic knowledge in addressing societal needs.

The Faculty continued to evolve in response to global academic developments, with particular emphasis on strengthening disciplinary focus and research capacity.

Over the decades, its departmental structure has been strategically refined to support deeper specialization, sustained scholarly productivity, and internationally aligned standards of academic excellence.

Today, the Faculty of Arts and Sciences stands as a cornerstone of Yıldız Technical University, combining a rich academic legacy with a modern, forward-looking vision.

By continuously renewing its educational and research practices while remaining anchored in its historical foundations, the Faculty sustains its role as a vital contributor to scientific advancement and intellectual life.

Academic Mission and Vision

Mission

- To cultivate experts, researchers, and scientists who are capable of applying their knowledge at the highest level, equipped with advanced problem-solving abilities, entrepreneurial acumen, and a commitment to lifelong learning, and able to compete on the international stage, through the development and implementation of innovative educational models enriched by artificial intelligence technologies and digital solutions, which promote disciplinary expertise in the fundamental sciences and the humanities while fostering interdisciplinary and interscientific (transdisciplinary and multidisciplinary) interaction.
- To promote the development and implementation of research models that generate high scientific and societal impact, contribute substantial added value to the production of knowledge and technology, and offer innovative solutions aligned with national development priorities and international principles of sustainability.
- To adopt and implement a holistic approach to education and research that places at its core the cultivation of social responsibility and commitment to common good by supporting students in acquiring the ability to act responsibly in ways that promote environmental awareness, sustainability, accessibility, inclusivity, and well-being, while also fostering their critical thinking abilities and ethical decision-making skills.
- To build robust educational and research partnerships with the public and private sectors in order to support students' career development, enhance their employability and job readiness, and strengthen university-society engagement by facilitating the transformation of academic knowledge into innovative products, processes, and services.
- To increase the international recognition of the Faculty by advancing international joint research projects, dual-degree programmes, and partnerships, and by actively supporting the participation of students and academics in international exchange initiatives.

Vision

To establish itself as a centre of excellence in the fundamental sciences and humanities through pioneering educational and scientific research endeavours that foster not only disciplinary expertise but also interdisciplinary and interscientific (transdisciplinary and multidisciplinary) interaction.

Faculty Overview & Departments

The Faculty of Arts and Sciences comprises eight academic departments: Mathematics, Physics, Chemistry, Molecular Biology and Genetics, Statistics, Sociology, Turkish Language and Literature, and French Translation and Interpreting. Each department offers structured programmes at undergraduate, master's, and doctoral levels, providing students with a strong disciplinary foundation alongside opportunities for advanced academic specialisation. Together, the departments contribute to a comprehensive educational and research environment that supports academic excellence, interdisciplinary engagement, and international standards of scholarship.

Undergraduate Students

3,000+

Academic Staff

300+

Graduate Students

1,200+

Departments

8

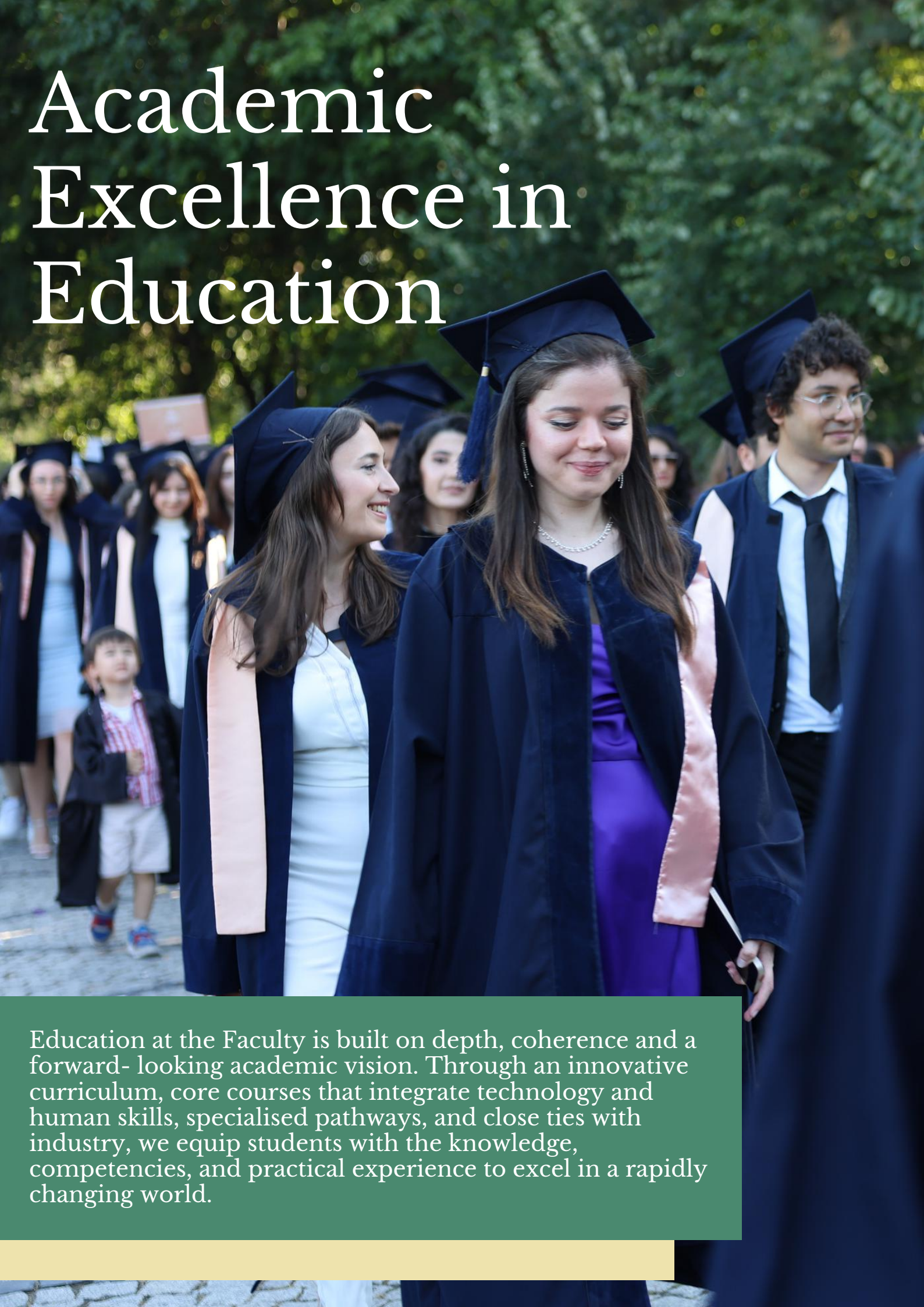
International Graduate Students

49

Graduates

8,600+

Academic Excellence in Education

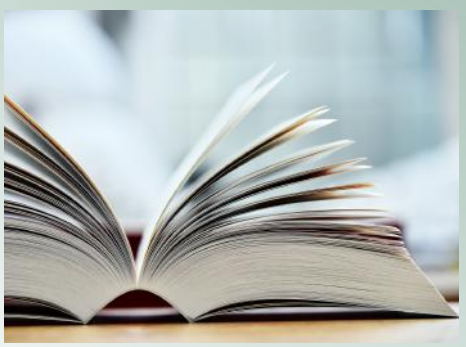


Education at the Faculty is built on depth, coherence and a forward- looking academic vision. Through an innovative curriculum, core courses that integrate technology and human skills, specialised pathways, and close ties with industry, we equip students with the knowledge, competencies, and practical experience to excel in a rapidly changing world.

An Innovative Undergraduate Education Model

Undergraduate education at the Faculty is structured around the YTU-FAS Fundamental Sciences Education Model, which places the fundamental sciences and humanities at the centre of knowledge production and societal progress. The model is grounded in interdisciplinarity and reflects the Faculty's vision of educating scientifically rigorous, analytically skilled, and socially responsible graduates.

By combining high-quality disciplinary training with opportunities for both disciplinary and interdisciplinary specialisation, the model enhances the academic quality and long-term attractiveness of fundamental sciences programmes. It supports students in developing deep expertise in their chosen fields while remaining open to emerging scientific domains and cross-disciplinary perspectives.



Faculty-Wide Core Courses: Integrating Technology and Human Skills

As a core component of the undergraduate curriculum, a set of compulsory Faculty-wide courses has been introduced across programmes taught in both Turkish and English. These include Introduction to Artificial Intelligence, Introduction to Basic Computer Technologies, Career Planning and Professional Ethics, and Social Responsibility and Justice.

Together, these courses aim to strengthen students' technological literacy, ethical awareness, and career preparedness, while fostering self-awareness and a deeper understanding of societal challenges. This integrated approach ensures that graduates are not only equipped with strong scientific knowledge but also with the human, social, and professional skills required in rapidly evolving academic and professional contexts.

Specialised Pathways: Disciplinary and Interdisciplinary Certificates

A key innovation of the Faculty's undergraduate education model is the introduction of Certificate Programmes, which provide students with structured pathways for disciplinary and interdisciplinary specialisation in clearly defined scientific areas. These programmes are built upon revised vocational elective courses and are designed through a needs analysis that incorporates feedback from internal stakeholders, alumni, and sector representatives, ensuring alignment with contemporary research priorities and professional requirements. Participation in Certificate Programmes is optional. Students may pursue programmes offered by their own departments or, if they wish, select from offerings across other departments within the Faculty. This approach fosters interdisciplinary interaction, encourages academic mobility, and supports the development of expertise in targeted scientific domains.

By enabling students to engage in structured specialisation, Certificate Programmes exemplify the Faculty's commitment to integrating disciplinary depth with cross-disciplinary learning, reinforcing the central role of fundamental sciences in research, innovation, and knowledge production.

CO-OP: Industry-Academy Integration

University-industry collaboration forms an integral part of undergraduate education through the YTU CO-OP (Cooperative Education) Model, implemented within the framework of Professional Training in Business. Through this model, students spend an academic term in sector organisations related to their field, applying theoretical knowledge in real-world contexts.

The CO-OP experience enables students to gain professional experience prior to graduation, develop sector-relevant skills, and become active participants in research, production, and innovation ecosystems. By strengthening the connection between academic learning and practical application, the model enhances students' employability and supports informed career planning.

Department of Mathematics Certificate Programmes

The Department of Mathematics equips graduates with a strong foundation in pure and applied mathematics, advanced reasoning, analytical problem-solving skills, and expertise in mathematical modelling and data analysis. Graduates are prepared to integrate mathematical thinking into diverse scientific, technological, and societal contexts, including physics, chemistry, biology, engineering, finance, social sciences, and the humanities. They are well-positioned for careers in research, education, and industry, as well as for further studies in master's and doctoral programmes. Within this framework, the Department offers specialised certificate programmes that allow students to pursue structured academic specialisation in advanced areas such as theoretical and applied mathematics, computational methods, data analysis, and quantitative modelling. These programmes provide graduates with opportunities to deepen expertise, enhance professional readiness, and engage in interdisciplinary and sector-specific applications.

Available Certificate Programmes:

- Theoretical Mathematics Certificate Programme
- Software Certificate Programme
- Finance and Managerial Mathematics Certificate Programme
- Biomathematics Certificate Programme
- Data Science Certificate Programme
- Financial Statistical Methods Certificate Programme

Department of Physics
Certificate Programmes

Available Certificate Programmes:

- Theoretical Physics Certificate Programme
- Nuclear Physics and Applications Certificate Programme
- Condensed Matter Physics and Applications Certificate Programme
- High Energy Physics Certificate Programme
- Data Science Certificate Programme

The Department of Physics provides students with a solid foundation in core physics concepts, including quantum physics, thermodynamics, electromagnetism, statistical physics, nuclear physics, condensed matter physics, high energy physics, and theoretical physics. Graduates develop strong analytical and problem-solving skills, alongside competencies in experimental design and numerical modelling, enabling them to apply their knowledge across diverse fields such as engineering, medicine, energy, materials science, and quantum information.

Within this framework, the Department offers specialised certificate programmes that allow students to pursue structured academic specialisation in advanced areas of physics such as theoretical physics, nuclear physics, condensed matter physics, and high energy physics. These programmes enable graduates to deepen their expertise, engage in research, and develop professional readiness for national and international opportunities in academia, R&D, and industry. Students may also participate in interdisciplinary and collaborative projects, further enhancing their research and innovation capabilities.

Department of Chemistry Certificate Programmes

The Department of Chemistry provides graduates with a strong foundation in chemical principles, advanced laboratory skills, and analytical problem-solving abilities. Students gain a broad academic grounding in areas such as new product development, quality control, chemical formulation, production process management, and chemical and waste analysis. Equipped with the ability to integrate chemistry with other scientific disciplines and engineering applications, graduates are prepared for diverse roles in industry, research, and academia.

Within this framework, the Department offers specialised certificate programmes that allow students to pursue structured academic specialisation in advanced areas of chemistry such as quality control, pharmaceuticals, biochemistry, polymer science, food chemistry, and environmental chemistry. These programmes enable students to deepen their expertise, develop professional readiness, and contribute effectively to research, innovation, and sectoral applications.

Available Certificate Programmes:

- Quality Training in Chemistry Certificate Programme
- Pharmaceutical Products Certificate Programme
- Biochemical Technologies Certificate Programme
- Polymer Technology Certificate Programme
- Food Chemistry Certificate Programme
- Environmental Chemistry Certificate Programme

Department of Molecular Biology and Genetics
Certificate Programmes

The Department of Molecular Biology and Genetics provides graduates with a solid foundation in molecular and cellular biology, genetics, and biotechnology, fostering analytical thinking, problem-solving, and interdisciplinary collaboration. Graduates are equipped to evaluate biological systems holistically, adapt to rapidly evolving scientific and technological developments, and contribute to research, innovation, and applied solutions across academic, industrial, and clinical settings. Within this framework, the Department offers specialised certificate programmes that allow students to pursue structured academic specialisation in advanced areas such as biotechnology, genetics, medical biology, and biological data analysis. These programmes provide opportunities for students to deepen their expertise, enhance professional readiness, and engage in interdisciplinary scientific applications.

Available Certificate Programmes:

- Biotechnology Certificate Programme
- Genetics, Genomics and Developmental Biology Certificate Programme
- Medical Biology and Genetics Certificate Programme
- Data Science Certificate Programme
- Statistics in Health Sciences Certificate Programme
- Biomathematics Certificate Programme

Department of Statistics Certificate Programmes

The Department of Statistics equips graduates with a strong foundation in probability theory, statistical methods, data analysis, experimental design, regression techniques, and multivariate modelling. Graduates develop advanced skills in collecting, organising, analysing, and interpreting data, enabling them to contribute to data-driven decision-making across fields such as health, social sciences, finance, economics, engineering, biology, education, public administration, and technology. They are prepared for further studies in master's and doctoral programmes or for professional roles in research, industry, and public institutions.
Within this framework, the Department offers specialised certificate programmes that allow students to pursue structured academic specialisation in areas such as data science, statistical modelling, quantitative finance, and applied statistics. These programmes provide graduates with sector-relevant expertise and opportunities to engage in interdisciplinary applications of statistics.

Available Certificate Programmes:

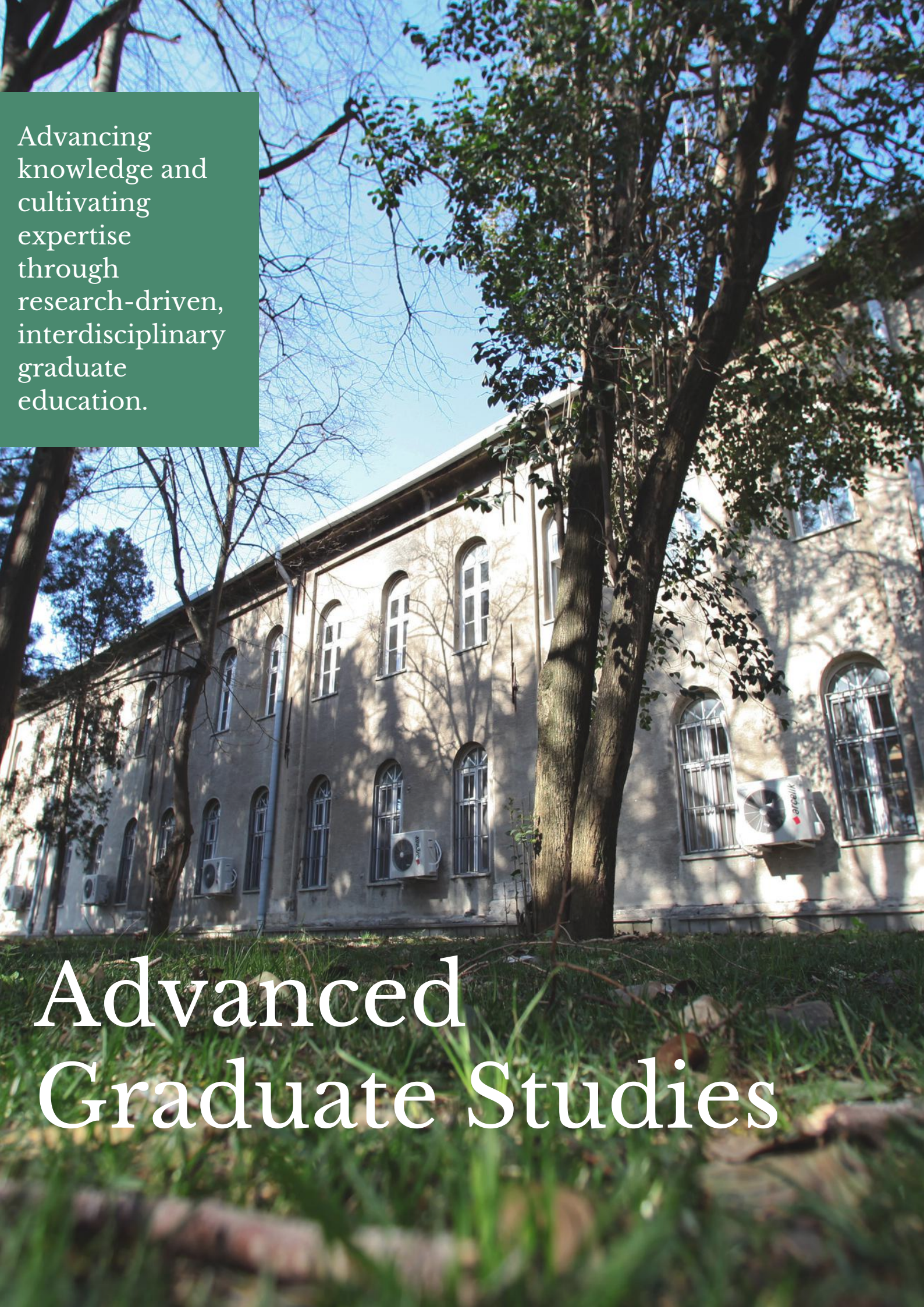
- Data Science Certificate Programme
- Financial Statistical Methods Certificate Programme
- Statistics in Health Sciences Certificate Programme
- Theoretical Statistics Certificate Programme

Department of Turkish Language and Literature
Certificate Programmes

Graduates of the Bachelor Programme in Turkish Language and Literature possess comprehensive knowledge of Turkish language and literary traditions, advanced skills in critical analysis and interpretation, and the ability to conduct research and present findings according to scientific standards. They are prepared for employment in education, cultural institutions, publishing, media, and research, or for graduate studies in Turkish Language and Literature and related fields.
Within this framework, the Department offers specialised certificate programmes that enable students to pursue structured academic specialisation in areas such as textual analysis, archival studies, language research, and creative expression, while fostering interdisciplinary engagement and professional readiness.

Available Certificate Programmes:

- Reading Archival Documents Certificate Programme
- Editing and Intralingual Translation Certificate Programme
- Contemporary Turkic Languages Certificate Programme
- Turkish Theatre Certificate Programme
- Storytelling Certificate Programme

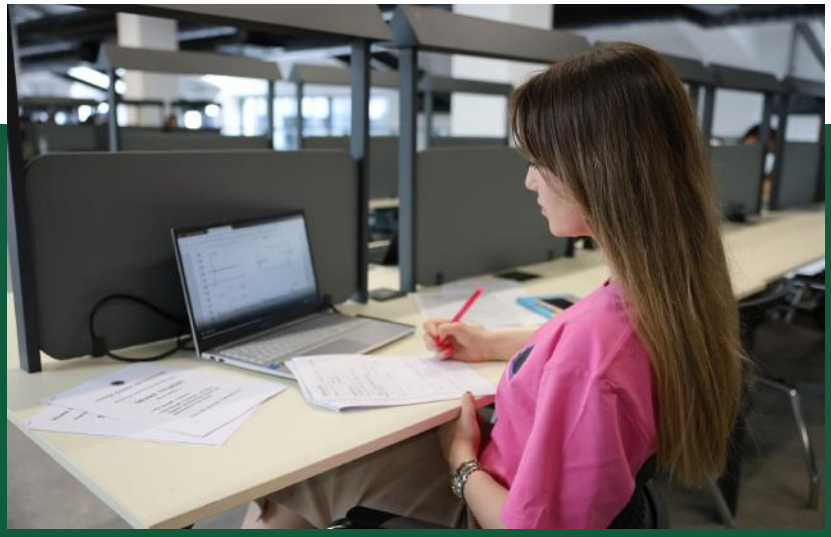


Advancing knowledge and cultivating expertise through research-driven, interdisciplinary graduate education.

Advanced Graduate Studies

The Faculty of Arts and Sciences offers a dynamic, research-intensive environment across the sciences, mathematics, statistics, and the humanities. Graduate programmes are designed to foster advanced disciplinary expertise, original research, and methodological innovation, while encouraging interdisciplinary perspectives that address complex questions transcending traditional boundaries.
Students benefit from close mentorship by experienced faculty, access to state-of-the-art research infrastructure, and opportunities to participate in interdisciplinary and international projects. Seminars, research assignments, and academic writing support cultivate independent, skilled researchers capable of contributing to national and international scholarly communities.

Graduate offerings include M.Sc. and Ph.D. programmes in Physics, Chemistry, Molecular Biology and Genetics, Mathematics, and Statistics, emphasising both theoretical foundations and applied, real-world research. In the humanities and social sciences, graduate education spans Translation and Interpreting Studies, Philosophy, Sociology, History, Cultural Studies, and Turkish Language and Literature, integrating analytical, historical, and interpretive approaches with practical and intercultural applications. Many programmes are delivered in English, reflecting the Faculty's commitment to internationalisation.
Across all departments, graduate students are encouraged to engage in collaborative research, contribute to publications, and participate in global academic networks, ensuring that their education equips them to make meaningful contributions to both scientific advancement and society.



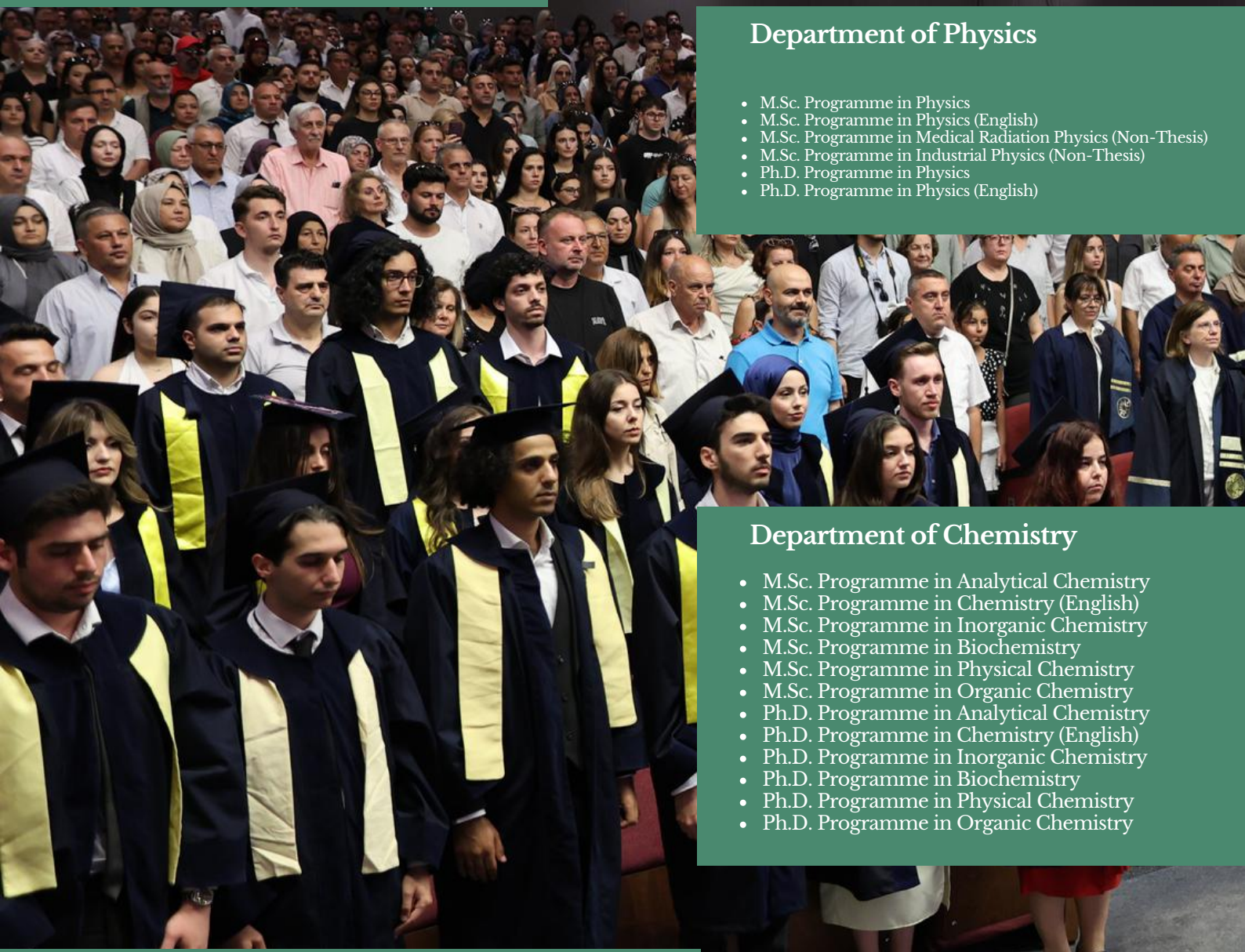
Graduate Programmes

Department of Mathematics

- M.Sc. Programme in Mathematics
- M.Sc. Programme in Mathematics (English)
- Ph.D. Programme in Mathematics
- Ph.D. Programme in Mathematics (English)

Department of Physics

- M.Sc. Programme in Physics
- M.Sc. Programme in Physics (English)
- M.Sc. Programme in Medical Radiation Physics (Non-Thesis)
- M.Sc. Programme in Industrial Physics (Non-Thesis)
- Ph.D. Programme in Physics
- Ph.D. Programme in Physics (English)



Department of Chemistry

- M.Sc. Programme in Analytical Chemistry
- M.Sc. Programme in Chemistry (English)
- M.Sc. Programme in Inorganic Chemistry
- M.Sc. Programme in Biochemistry
- M.Sc. Programme in Physical Chemistry
- M.Sc. Programme in Organic Chemistry
- Ph.D. Programme in Analytical Chemistry
- Ph.D. Programme in Chemistry (English)
- Ph.D. Programme in Inorganic Chemistry
- Ph.D. Programme in Biochemistry
- Ph.D. Programme in Physical Chemistry
- Ph.D. Programme in Organic Chemistry

Department of Molecular Biology and Genetics

- M.Sc. Programme in Molecular Biology and Genetics
- Ph.D. Programme in Molecular Biology and Genetics

Department of Statistics

- M.Sc. Programme in Statistics
- M.Sc. Programme in Statistics (Non-Thesis)
- M.Sc. Programme in Data Science and Big Data
- Ph.D. Programme in Statistics

Department of Humanities and Social Sciences

- M.A. Programme in Philosophy
- M.A. Programme in Sociology
- M.A. Programme in History
- M.A. Programme in Humanities and Social Sciences (English)
- Ph.D. Programme in Philosophy
- Ph.D. Programme in Cultural Studies (English)

Department of Turkish Language & Literature

- M.A. Programme in Turkish Literature
- M.A. Programme in Old Turkic Language
- Ph.D. Programme in Turkish Language & Literature

Department of Western Languages and Literatures

- M.A. Programme in Translation and Interpreting Studies in French
- M.A. Programme in Interlingual and Intercultural Translation Studies
- M.A. Programme in Conference Interpreting (Non-Thesis)
- Ph.D. Programme in Interlingual and Intercultural Translation Studies

Research & Global Engagement

Research at the Faculty of Arts and Sciences is driven by curiosity, rigour, and collaboration.

The Faculty fosters a dynamic and research-intensive academic environment grounded in scientific rigor, intellectual diversity, and interdisciplinary collaboration. Across disciplines, research culture is shaped by a shared commitment to high-quality scholarly production, ethical research practices, and the integration of fundamental inquiry with applied and societal concerns. Faculty members actively engage in both theoretical and practice-oriented research, addressing complex questions ranging from the foundations of natural and mathematical sciences to pressing challenges in health, technology, society, and culture.

Research priorities reflect the Faculty's comprehensive academic profile and technical university context. Core areas include fundamental and applied physics, chemistry, life sciences, mathematics, statistics, and the social sciences and humanities, alongside emerging domains such as data science, artificial intelligence, quantum technologies, biotechnology, advanced materials, energy systems, and translation technologies. Particular emphasis is placed on interdisciplinary approaches, digital transformation, and data-driven methodologies, as well as on research that contributes to sustainable development, technological innovation, and social resilience.

International collaboration and academic mobility constitute a central pillar of the Faculty's research, teaching, and scholarly engagement. Across departments, faculty members and students actively participate in global research networks, joint academic programs, and exchange initiatives that enhance international visibility, foster intercultural competence, and contribute to the production and circulation of knowledge at a global scale.

Through sustained participation in international research projects, Erasmus+ partnerships, joint doctoral arrangements, and visiting scholar programs, the Faculty maintains strong academic ties with institutions across Europe and beyond. These collaborations support interdisciplinary research, enrich academic programs, and create dynamic learning environments shaped by diverse scholarly traditions and perspectives.

Departmental Highlights

Department of Mathematics

The Department of Mathematics cultivates a strong research culture grounded in rigorous theoretical foundations, alongside a clear commitment to applied and problem-driven studies. As part of a technical university, the Department places high priority on excellence in fundamental mathematical research, complemented by applications that contribute to engineering, the natural sciences, and emerging technological fields. Research activities are characterised by analytical rigour, mathematical precision, and the development of innovative approaches that address both abstract theoretical problems and complex real-world challenges. Faculty members and students are actively encouraged to engage in collaborative research, seminars, and project-based work, fostering a dynamic and research-oriented academic environment.

The Department's research profile encompasses a broad spectrum of pure and applied mathematics. Core thematic areas include algebra and algebraic structures; geometry, with particular emphasis on differential geometry and geometric analysis; real and functional analysis; partial differential equations; numerical analysis; optimisation; probability and statistics; and mathematical modelling. In line with the university's technical orientation, strong emphasis is placed on applied mathematics, computational techniques, and data-driven mathematical methods, supporting research in engineering applications, scientific computing, and the analysis of complex systems.

Interdisciplinary research constitutes a central component of the Department's academic profile. Faculty members collaborate closely with departments in engineering, computer science, physics, statistics, data science, and the life sciences through joint research projects, interdisciplinary publications, and the co-supervision of graduate theses. These collaborative efforts focus on areas such as computational mathematics, optimisation, operations research, artificial intelligence, and the mathematical modelling of physical, industrial, and biological systems.

While the Department's core research activities are predominantly theoretical, they are supported by a dedicated computer laboratory within the Department of Mathematics. This facility provides faculty members and students with essential computational resources for numerical analysis, simulations, and data-oriented mathematical research.

In recent years, the Department has played an active role in nationally and internationally funded research projects, resulting in publications in high-quality, peer-reviewed international journals and presentations at major scientific conferences. Faculty members have served as principal investigators and key researchers in competitive research grants, contributing significantly to both theoretical and applied mathematics. Notable research outputs include advances in mathematical modelling, numerical and computational methods, geometric analysis, and analytical techniques, with increasing emphasis on applications in artificial intelligence, machine learning, engineering, and scientific computing.

The Department of Mathematics maintains active international research collaborations with universities and research institutions abroad. Faculty members participate in joint research projects and co-authored publications with international partners, particularly in applied mathematics, computational methods, artificial intelligence, machine learning, geometry, and mathematical modelling. These collaborations enhance the Department's global research visibility and academic impact.
International academic cooperation is further supported through Erasmus+ agreements and formal institutional partnerships with universities across Europe. These agreements facilitate student and staff mobility, joint academic activities, and the development of long-term strategic collaborations. In alignment with the university's technical and research-oriented mission, the Department actively seeks to expand and diversify its international partnerships.

Academic mobility forms an integral component of the Department's internationalisation strategy. Undergraduate and graduate students participate in international exchange programmes that enhance academic development and intercultural competence, while faculty members engage in international research visits, short-term teaching assignments, and collaborative academic activities that strengthen sustained knowledge exchange and institutional networks.

Department of Chemistry

The Department of Chemistry maintains an innovative, interdisciplinary, and application-oriented research culture grounded in the integration of fundamental scientific knowledge with real-world challenges. The Department actively promotes early engagement with scientific research, encouraging students to develop a strong research identity from the initial stages of their undergraduate education.

Research priorities within the Department encompass a broad spectrum of fundamental and applied fields, including inorganic, analytical, organic, and physical chemistry; materials and polymer science; nanotechnology applications; biotechnology; energy-related research; environmentally sustainable and green chemistry; and industrial chemistry. Supported by a strong academic staff and modern laboratory infrastructure, the Department aims to generate high-impact research outcomes at both national and international levels.

The Department conducts comprehensive research across core areas of chemistry while advancing application-driven studies that address contemporary scientific, technological, and industrial needs. Significant research activity is carried out in materials and polymer science, nanotechnology, analytical and bioanalytical chemistry, organic and inorganic chemistry, and sustainable chemical processes. These research directions contribute to both theoretical advancement and practical innovation.

International engagement is further strengthened through joint programmes and strategic academic partnerships with universities and research institutions worldwide, particularly within the framework of Erasmus agreements. These partnerships enhance both education and research by facilitating joint courses, collaborative research projects, and academic mobility for students and staff.

The Department actively promotes academic mobility through Erasmus+ and other international exchange programmes. These opportunities enable students and academic staff to gain international experience, expand academic networks, and engage with diverse educational and research environments, thereby enriching the Department's academic culture.

In addition, the Department of Chemistry regularly hosts visiting professors and lecturers from different countries. Through guest lectures, seminars, and short-term teaching and research activities, these visits provide students and faculty members with direct exposure to global scientific developments and diverse academic perspectives, further reinforcing the Department's international orientation.

Interdisciplinary collaboration constitutes a defining feature of the Department's research profile. The Department actively supports initiatives that integrate chemistry with engineering, materials science, biotechnology, molecular biology, energy research, and environmental studies. Through collaborative research projects, shared laboratory facilities, and cross-departmental programmes, students and researchers are encouraged to work across disciplinary boundaries, fostering knowledge integration and the development of innovative solutions to complex scientific and industrial challenges.

Research activities are underpinned by modern laboratories and advanced analytical instrumentation that support experimental work in analytical, organic, inorganic, physical, biochemistry, and polymer chemistry. In addition, collaboration with interdisciplinary research centres in nanotechnology, biotechnology, health and pharmaceutical sciences, sensor technologies, energy systems, and environmental studies further strengthens the Department's capacity for high-impact, hands-on research.

The Department of Chemistry advances its research activities at the global level through collaborations with international partners. Faculty members actively participate in research projects conducted within European Union programmes, bilateral agreements, and international research consortia. These collaborations support interdisciplinary research initiatives, joint publications, and the effective use of shared research infrastructure.

Department of Molecular Biology & Genetics

The Department of Molecular Biology and Genetics sustains a research culture grounded in scientific integrity, interdisciplinarity, and innovation, with a strong emphasis on integrating fundamental biological research with applied and translational approaches. Research activities span molecular biotechnology and recombinant protein production, microbial biotechnology and industrial bioprocesses, and plant biotechnology, with the aim of developing sustainable and efficient biological systems for applications in health, industry, and agriculture.

Biomedical research constitutes a major priority of the Department. Key research themes include cancer biology and therapeutic technologies; nanotechnology and biomaterials in biomedical applications; antimicrobial strategies and phage-based technologies; and the molecular and genetic basis of rare neurological disorders. These research directions focus on elucidating disease mechanisms and advancing diagnostic and therapeutic solutions. Genomics, epigenetics, bioinformatics, and mobile genetic elements form a core framework supporting systems-level analyses of genome regulation, evolution, and function. Across all research domains, the Department prioritises ethical research practices, reproducibility, and high-quality scientific output, while fostering a collaborative environment that supports the training of young researchers and the translation of scientific discoveries into technologies with societal and economic impact.

The Department's research portfolio encompasses molecular biotechnology and recombinant protein production; cancer biology and therapeutic technologies; nanotechnology and biomaterials; microbial biotechnology, diversity, pathogenesis, and industrial bioprocesses; antimicrobial and phage-based strategies; genomics, epigenetics, and bioinformatics; plant biotechnology; mobile genetic elements; biosensor technologies and diagnostic systems; and the molecular and genetic basis of rare neurological disorders.

Interdisciplinary collaboration represents a defining characteristic of the Department's research ecosystem. Molecular biology and genetics–based approaches are integrated with engineering, medicine, pharmacy, veterinary sciences, agriculture, and materials science to address complex challenges in areas such as cancer biology, neurodegenerative and infectious diseases, regenerative medicine, and sustainable biotechnology. Collaborative research with engineering disciplines supports studies on nanotechnology, biomaterials, polymer science, targeted drug delivery systems, and tissue scaffolds, while partnerships with medical faculties and health research centres enable biological validation through cell culture, in vitro, and in vivo models.

Research in microbial biotechnology, phage therapy, and antimicrobial agent development intersects with veterinary, food, and environmental biotechnology, generating translational outcomes relevant to both human and animal health. Plant biotechnology research, including tissue culture and CRISPR/Cas9-based genome editing, is conducted in collaboration with agricultural faculties and international partners, contributing to agricultural productivity, stress tolerance, and sustainable biofuel development. The integration of bioinformatics, genomics, metagenomics, forensic sciences, and clinical research further strengthens the Department's data-driven and multidisciplinary research capacity.

Research activities are supported by a comprehensive laboratory infrastructure designed for advanced experimental studies in basic and applied life sciences. Departmental laboratories are equipped with core instrumentation for molecular biology, microbiology, biochemistry, cell culture, and analytical research, including PCR and qPCR systems, biosafety cabinets, fluorescence microscopy platforms, chromatography systems, and specialised facilities for plant and mammalian cell studies. In addition, researchers and graduate students benefit from access to the university's shared research infrastructure, including health biotechnology centres of excellence, which enhance technical capacity and support interdisciplinary and translational research.

In recent years, the Department has developed a strong research profile integrating fundamental molecular biology and genetics with innovative biotechnological applications. Academic staff generate high-impact scientific output in areas such as antimicrobial resistance and phage therapy; microbial diversity and bioactive compound discovery; exosome biology and therapeutic applications; nanodrug delivery systems; molecular mechanisms of cancer; epigenetic regulation, including microRNAs and transposons; and bioinformatics-driven drug discovery.

The Department of Molecular Biology and Genetics maintains an active international research profile through participation in cross-border scientific collaborations addressing fundamental and applied questions in molecular and cellular biology, biotechnology, genomics, metabolomics, microbiology, and bioinformatics. International partnerships support joint research outputs, academic mobility, and shared supervision, while visiting scholars and researchers contribute to collaborative projects, specialised seminars, and the global visibility of the Department. Through these integrated research and mobility activities, the Department continues to strengthen its role as a contributor to international scientific knowledge production.

Department of Statistics

The Department of Statistics adopts a holistic research approach that integrates rigorous statistical theory with applied data analysis, with a strong emphasis on interdisciplinary collaboration. Research activities focus on data science, artificial intelligence, and machine learning through statistical modelling and inference. Core research priorities include statistical learning, prediction and classification, large-scale data analysis, and data-driven decision support. The Department aims to produce reliable, interpretable, and scalable statistical solutions, supported by graduate-level research and international collaboration.

The Department's major research areas encompass a broad spectrum of theoretical and applied statistics. These include fundamental statistical theory and inference; statistical data analysis and exploratory methods; data science and big data analytics; statistical learning, machine learning, and AI-driven modelling; regression, predictive modelling, and time series analysis; Bayesian, computational, and nonparametric statistics; and applied statistics in engineering, health, and the social sciences.

Interdisciplinary research constitutes a key component of the Department's academic profile. Faculty members collaborate across the university, particularly with departments in the natural sciences, engineering, clean energy studies, and education. These collaborations apply statistical modelling and data analytics to complex challenges in engineering systems, clean energy technologies, environmental studies, and educational analytics, fostering research that bridges theory and real-world applications.

Research activities are supported by dedicated computer laboratories for statistical computing, data analysis, and modelling. These facilities provide essential infrastructure for undergraduate and graduate research in data science, machine learning, and artificial intelligence, enabling advanced computational and data-driven studies.

In recent years, the Department of Statistics has generated research outputs through funded projects and scholarly publications in statistical modelling, data science, and machine learning. Research topics include environmental monitoring, energy forecasting, health analytics, and biostatistics, as well as sentiment analysis, predictive modelling, and applied text mining. These outputs reflect the Department's strong emphasis on applied statistical research and interdisciplinary collaboration. The Department of Statistics maintains active international research collaborations through joint projects and co-authored publications in key areas of statistics, data science, and artificial intelligence. These collaborations contribute to the Department's growing global research visibility and academic impact.

International academic cooperation is further supported through Erasmus+ agreements and institutional partnerships with universities abroad. These partnerships facilitate student and staff mobility, joint academic activities, and the development of sustainable, long-term collaborations in statistics and data science.

Academic mobility is an integral component of the Department's internationalisation strategy. Undergraduate and graduate students participate in study and internship mobility programmes, while academic staff engage in short-term teaching and research visits. These exchanges enhance international academic experience, strengthen research collaboration, and promote knowledge sharing.

The Department of Statistics also hosts visiting scholars and invited speakers from international universities and research institutions. Guest lectures, seminars, and short-term academic visits enrich the Department's research environment and reinforce its international academic engagement.

Department of Sociology

The Department of Sociology is characterised by a critical, research-oriented academic culture that prioritises interdisciplinary inquiry and advanced graduate education. Its research profile is shaped by a strong commitment to qualitative and interpretive methodologies, intellectual rigour, and sustained theoretical engagement. Faculty research draws on qualitative methods, cultural and literary analysis, critical textual analysis, and historiography, enabling the integration of historical depth with contemporary theoretical debate. This methodological breadth supports a research environment in which conceptual analysis and historical inquiry are closely interconnected.

The Department's research activities are organised around interrelated thematic fields spanning history, sociology, philosophy, and cultural studies. In history, particular strengths lie in Ottoman and Turkish history and the history of thought, with a focus on scholarly traditions, intellectual networks, and processes of knowledge production and transmission. Sociological research centres on social theory and methodology, urban studies, and historical sociology, addressing social change, spatial transformation, and collective experience across different periods. Philosophical research encompasses the history of philosophy, political philosophy, philosophy of science, and philosophy of religion, while cultural studies contribute interdisciplinary perspectives that deepen analytical and interpretive approaches.

Interdisciplinary and internationally visible research constitutes a central component of the Department's academic identity.

A flagship example is the five-year international research project A Chapter in a Global History of Philosophy: New Perspectives on Bergsonism (GlobPhilBergson) (2021–2025), funded by the French National Centre for Scientific Research (CNRS). The project brings together scholars from leading research institutions across Europe, North America, Asia, Africa, and Latin America, situating Bergsonism within a global intellectual history and demonstrating the Department's capacity to contribute to collaborative, comparative, and transnational research agendas. Although the Department does not operate an independent research centre, its research infrastructure is strengthened through active faculty leadership in established academic and research institutions. These roles facilitate institutional cooperation, enhance access to broader research networks, and support the Department's integration into national and international scholarly communities.

The Department's research profile is further reinforced by multiple nationally funded projects supported by TÜBİTAK (The Scientific and Technological Research Council of Turkey). These projects address a wide range of topics, including early modern Ottoman intellectual life, urban and spatial transformation in late Ottoman Istanbul, cultural experience and perception in historical public spaces, and contemporary sociological responses to social displacement following major natural disasters. Collectively, these projects demonstrate the Department's ability to conduct research that is historically grounded, socially responsive, and methodologically robust, while addressing both past and present societal challenges.

The Department of Sociology maintains a strong international academic profile through research collaboration, scholarly exchange, and participation in internationally oriented academic activities. Faculty members engage in international research stays and collaborative projects in areas such as sociology, psychiatry, philosophy, and cultural studies, contributing to interdisciplinary knowledge production and global academic dialogue.
exchange and knowledge production.

Internationalisation is further supported through active participation in Erasmus+ exchange programmes and institutional partnerships with a broad network of European universities. These collaborations facilitate student and staff mobility, joint academic activities, and sustained cooperation in teaching and research, contributing to the internationalisation of both undergraduate and graduate education.

Academic mobility represents a key pillar of the Department's international strategy. Faculty members regularly participate in international research visits, teaching mobility, visiting scholar programmes, and academic event organisation. These activities enhance methodological exchange, strengthen international research networks, and increase the Department's visibility within global social science scholarship.

The Department also contributes actively to international scholarly dialogue through the organisation of academic workshops, symposia, and conferences. These events bring together scholars from different countries and disciplinary backgrounds and foster interdisciplinary discussion on topics such as the history and philosophy of science, social theory, and cultural analysis. Through such initiatives, the Department of Sociology strengthens its role as an engaged participant in international academic

Department of Turkish Language and Literature

The Department of Turkish Language and Literature sustains a research culture that bridges the rich intellectual heritage of the past with the cultural dynamics of the contemporary world. Its research profile is grounded in a multi-layered philological approach, complemented by modern critical theories and interdisciplinary perspectives. The Department's scholarly work aims not only to preserve, edit, and interpret linguistic and literary artefacts, but also to recontextualise them within broader frameworks of socio-cultural history, identity formation, and the global humanities. Core research priorities include the critical edition of primary sources, the digital preservation of Ottoman textual heritage, and the examination of the evolving role of the Turkish language and literature in a globalised context.

The Department's research agenda is distinguished by both thematic breadth and analytical depth. Ottoman Studies constitute a central pillar, with faculty research focusing on the deciphering and modernisation of Ottoman Turkish texts, advanced palaeography, and the systematic analysis of archival documents and epigraphic material. This philological work is complemented by research in mythology, including studies of cosmogony, archaic epics, and female archetypes, approached through psychoanalytic theory and ritual analysis.

Linguistic and interlinguistic research forms another major area of scholarly activity. Faculty members investigate etymological relations and loanword exchanges among Turkish, Arabic, Persian, and Greek, contributing to a deeper understanding of linguistic contact and historical interaction. The Department also maintains a strong research presence in Turkic World Studies, with specialised work on Old and New Uyghur texts. In the field of modern literary genres, research includes focused studies on detective fiction and the history of Ottoman theatre, tracing the development of narrative forms and performance traditions within Turkish literary culture.

Recognising that language and literature are inseparable from social structures, the Department actively promotes interdisciplinary research initiatives. These include gender and minority studies, with sociologically informed analyses of female nomenclature and representations of women in Ottoman texts, as well as specialised research on Karamanli Turkish and the linguistic heritage of Orthodox Karamanlides. Research on migration and cultural memory examines population exchanges (mübadele) and immigrant petitions in collaboration with history and political science, highlighting the human dimensions of linguistic and cultural transformation. Additional interdisciplinary work explores Turkish culinary culture and food nomenclature at the intersection of linguistics and ethnography. The Department is also at the forefront of educational innovation in Teaching Turkish as a Foreign Language, developing pedagogical approaches that integrate cinema, television series, and audiovisual tools to support language learning in the digital age.

The Department maintains a strong international research profile through high-impact collaborations that link traditional philology with contemporary pedagogical and methodological innovation. A key component of this engagement is a strategic partnership with Cornell University, encompassing the Turkish Foundational and Reading for Research Seminars and the project Teaching Turkish through TV Series, which investigates the use of audiovisual media in language acquisition. In addition, collaborative research on Karamanli Turkish is conducted with the National and Kapodistrian University of Athens, focusing on the linguistic and cultural heritage of Orthodox Karamanlides. These initiatives reflect the Department's commitment to producing internationally relevant and methodologically diverse scholarship.

International academic cooperation is further strengthened through active Erasmus+ Inter-institutional Agreements with seven European universities, covering undergraduate, graduate, and doctoral levels. These partnerships support sustained academic exchange, joint educational activities, and long-term collaboration across different stages of academic training.

Academic mobility constitutes a central element of the Department's internationalisation strategy. Erasmus+ exchange programmes are open to both students and academic staff, supporting teaching and training mobility and fostering the circulation of diverse scholarly approaches. The Department regularly hosts international students specialising in Turcology, while its own students benefit from study periods abroad that enhance their academic, linguistic, and cultural competencies. In parallel, the Department remains open to the development of new academic collaborations, joint research initiatives, and strategic partnerships with institutions worldwide.

The Department of Turkish Language and Literature also serves as a hub for international intellectual exchange through the hosting of visiting scholars and researchers specialising in Ottoman Studies, Turkic philology, and comparative literature. Visiting academics contribute through collaborative research, guest lectures, and archival studies, enriching the Department's research culture and reinforcing its integration into global humanities scholarship. Through these activities, the Department actively promotes dialogue between Turkish literary studies and international academic traditions, positioning itself as a dynamic and welcoming partner for scholarly collaboration.

Department of French Translation and Interpreting

The Department of French Translation and Interpreting maintains a strong research culture centred on translation as a multilingual and interdisciplinary field. Research activities are informed by both theoretical and methodological approaches and by ongoing developments in the translation profession and the language services industry. Faculty members work across historical and contemporary perspectives in Translation and Interpreting Studies, ensuring that the Department's research priorities remain closely connected to current academic debates as well as professional practice. The Department places particular emphasis on ethical responsibility, professional standards, and the socio-cultural dimensions of translation. Translation is approached as a historically situated and socially embedded activity shaped by complex semiotic, cultural, and social processes. Faculty members with strong competence in French, English, and Italian integrate multilingual perspectives into both teaching and research. Core research areas include literary translation, translation theory and history, translation semiotics, and translation sociology, alongside technical and specialized translation, intercultural communication, and applied linguistics. The Department also focuses on professional competencies, ethical frameworks, working conditions in the field, and the evolving role of technology in translation and interpreting practices.

The Department's research profile is structured around core disciplinary areas within Translation and Interpreting Studies as well as thematically and professionally oriented domains. Disciplinary foundations include technical translation, literary translation, conference interpreting, translation criticism, translation theory and history, and translation sociology.

Complementing these areas, faculty research addresses community interpreting, lexicography, terminology, translation technologies, machine translation, artificial intelligence-assisted translation, technical documentation writing and translation, localization, and translation project management. In addition, the Department conducts research on socially focused themes such as gender and translation, eco-translation, cultural studies and translation, and intercultural communication.

Interdisciplinary collaboration constitutes a central element of the Department's research profile. Through double major and minor programs, the Department cooperates closely with other academic units and faculties, fostering cross-disciplinary perspectives and joint research initiatives. These collaborations support the integration of Translation and Interpreting Studies with linguistics, literature, communication studies, cultural studies, and technology-oriented disciplines, thereby enriching both research output and academic training.

The Department benefits from dedicated infrastructure that supports both teaching and research. The Technical Translation Laboratory, equipped with computers and projection facilities, is primarily used for training in technical translation and translation technologies. The Interpreting Laboratory features fully equipped simultaneous interpreting booths, audio-visual systems, and recording devices, providing a professional environment for practice-based interpreting training.
In recent years, Department members have carried out and continue to pursue research projects in areas such as translation and language services, literary translation, cultural studies and translation, gender and translation, and eco-translation. These research efforts have resulted in publications in internationally recognized, high-impact academic journals, reflecting the Department's growing contribution to international scholarship in Translation and Interpreting Studies.

The Department has developed a strong international research profile through sustained participation in multinational research projects that situate Translation and Interpreting Studies within broader cultural, historical, and social contexts. Faculty members have contributed to internationally funded initiatives addressing literary reception, multilingualism, cultural identity, mobility, and intercultural dialogue, with translation serving as a central analytical and mediating practice. These collaborations, involving academic partners from various European countries, support comparative and cross-cultural approaches and strengthen the Department's visibility within international scholarly networks. International academic cooperation is further reinforced through joint doctoral initiatives, including Cotutelle PhD arrangements, which enable doctoral candidates to pursue research under shared supervision across institutions. The Department also maintains strategic partnerships with internationally recognized universities and established scholars, leading to the joint organization of academic events, workshops, and international conferences that promote scholarly exchange in Translation and Interpreting Studies.
The Department actively promotes academic mobility through Erasmus+ agreements with a broad network of European universities. These agreements support regular student exchanges and play an important role in the internationalization of both undergraduate and graduate education.

Faculty mobility is likewise strongly encouraged through incoming Erasmus+ teaching staff, international research visits, and competitive international research fellowships, including postdoctoral funding schemes that support research stays at leading European universities. Through these mobility initiatives, the Department strengthens its international visibility and sustains active participation in global Translation and Interpreting Studies networks.

The Faculty

Inspiring Young Minds: Science & Education for the Common Good

The Faculty cultivates curiosity, scientific thinking, and civic engagement among high school students and undergraduates, turning knowledge and education into tangible benefit for society and the future of science.

Scientific Awareness Workshops

The Faculty of Arts and Sciences actively leads a variety of scientific awareness workshops and outreach activities designed to highlight the profound importance of fundamental sciences in contemporary society. These initiatives aim to bridge the gap between academic research and public understanding, fostering a culture of curiosity and scientific literacy across diverse audiences. By showcasing the real-world applications of disciplines such as physics, mathematics, and chemistry, the Faculty aims to inspire the next generation of researchers and innovators.

These workshops serve as a platform for knowledge exchange, where the Faculty's expert scholars engage with students, industry professionals, and the wider community through interactive sessions and seminars. Each programme is meticulously structured to demonstrate how fundamental sciences provide the essential building blocks for technological advancement and sustainable development.

Through these awareness-raising efforts, the Faculty reinforces its role as a leading institution dedicated not only to academic excellence but also to the social and intellectual enrichment of the broader scientific landscape.
By cultivating a deeper appreciation for scientific inquiry, these workshops encourage a proactive approach to solving global challenges. Our commitment to these awareness studies ensures that the value of fundamental sciences remains a central priority, both within the university and throughout the national and international scientific communities.

The “Common Good” Ecosystem: Social Responsibility & Justice

Grounded in the understanding that science serves society, the Faculty embeds social responsibility, ethics, and justice at the core of its educational approach. Within this framework, the compulsory, faculty-wide course “Social Responsibility and Justice” plays a central role in cultivating students’ critical awareness of social issues and their capacity to translate knowledge into meaningful societal impact. Designed with a strongly interdisciplinary perspective, the course addresses key themes such as social responsibility and justice; gender-based discrimination and women’s rights; children’s rights; the social disadvantages faced by older adults, persons with disabilities, and individuals without social support; animal rights; environmental awareness; and the protection of natural life. Students are encouraged to examine these issues through ethical, philosophical, legal, and regulatory lenses, developing the ability to think critically, analyse complex social problems, and propose solution-oriented approaches.

The course content includes the historical development of social justice movements related to women, children, persons with disabilities, older adults, and animals; in-depth discussions informed by expert perspectives; and an exploration of the ethical and philosophical foundations of rights and justice for these groups. Particular emphasis is placed on the concept of intersectionality, enabling students to analyse how different forms of inequality overlap, interact, and reinforce one another. Contemporary debates and pressing challenges in areas such as women’s rights, children’s rights, disability rights, elder rights, and animal rights are examined through academic inquiry and dialogue with specialists. Beyond theoretical engagement, the course actively promotes experiential learning and civic participation. Through collaborative and creative project development, students are encouraged to take part in social justice initiatives, community service, and advocacy activities. Interaction with civil society organizations working with children, older adults, and animals further strengthens students’ awareness and sense of responsibility, fostering dialogue between academic knowledge and real-world practice.

By integrating scientific thinking with civic consciousness, the “Social Responsibility and Justice” course exemplifies the Faculty’s holistic vision of education, one that equips students not only with disciplinary expertise, but also with the ethical sensitivity and social engagement required to contribute to local and global transformations for the common good.

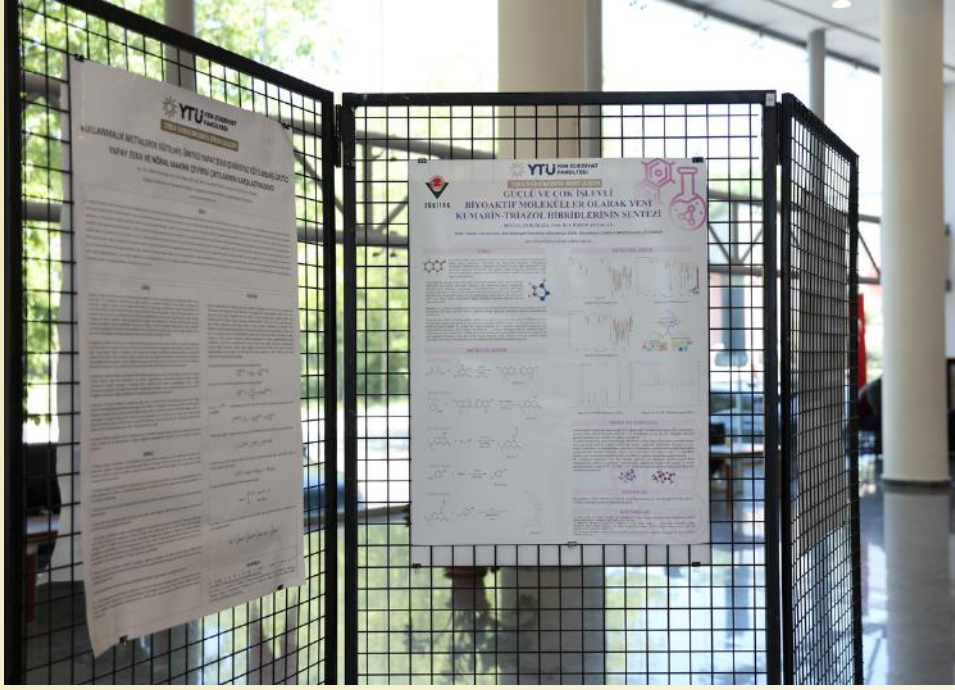
Wednesday Seminars

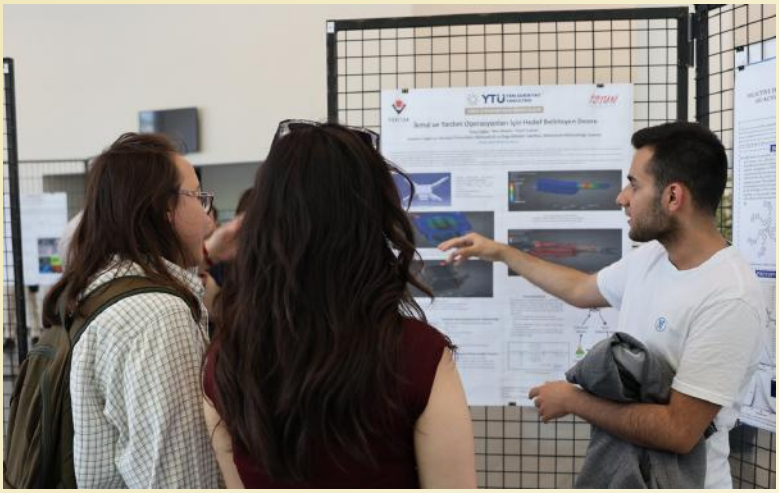
The Faculty Wednesday Seminars strengthen scientific interaction both within and across departments while enabling undergraduate and graduate students to experience regular participation in academic seminars. Each department announces its semester-long seminar program in advance, and faculty members deliver weekly seminars aligned with their areas of expertise. Student participation is formally recognized and documented in social transcripts, reinforcing sustained engagement with academic life.

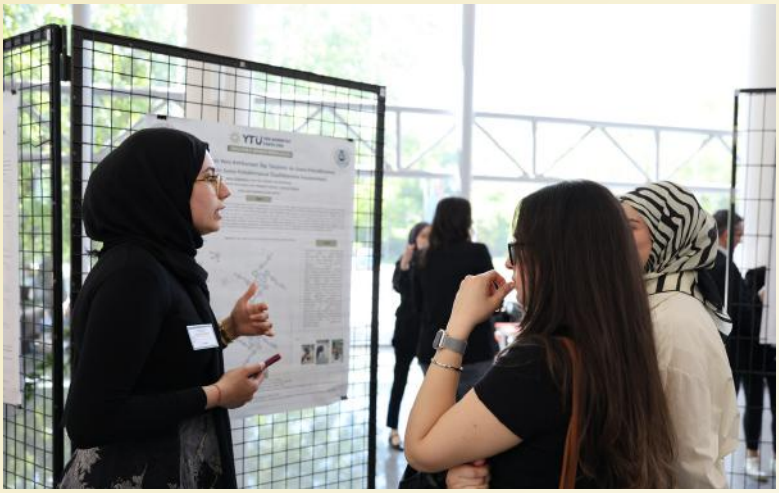
Volunteer Teaching Project

One of the Faculty's flagship social engagement initiatives, the Volunteer Teaching Project provides undergraduate students with the opportunity to apply their disciplinary knowledge in real educational contexts. Integrated into the university curriculum and supported through formal institutional partnerships, the project enables students to assume active teaching roles, reinforcing both pedagogical skills and social responsibility while extending the reach of scientific education to broader communities.

TÜBİTAK 2209-A/B Workshops and Projects







As part of its commitment to promoting high-quality undergraduate research, the Faculty actively supports participation in TÜBİTAK 2209-A/B projects. In this context, the Faculty has hosted TÜBİTAK-supported “2209-A/B Science and Mathematics Student Workshops,” bringing together undergraduate students from universities across Türkiye. Through poster presentations, students share completed or ongoing research projects in an academic setting, fostering inter-university exchange, research visibility, and early integration into the national research ecosystem.

Fundamental Sciences Awareness & National Outreach

Through its scientific workshops, seminars, undergraduate research platforms, and TÜBİTAK-supported activities, the Faculty plays an active role in strengthening awareness of the fundamental sciences nationwide. These initiatives collectively aim to highlight the central role of basic sciences in knowledge production, innovation, and societal progress, while inspiring the next generation of scientists and researchers.


Campus
Life

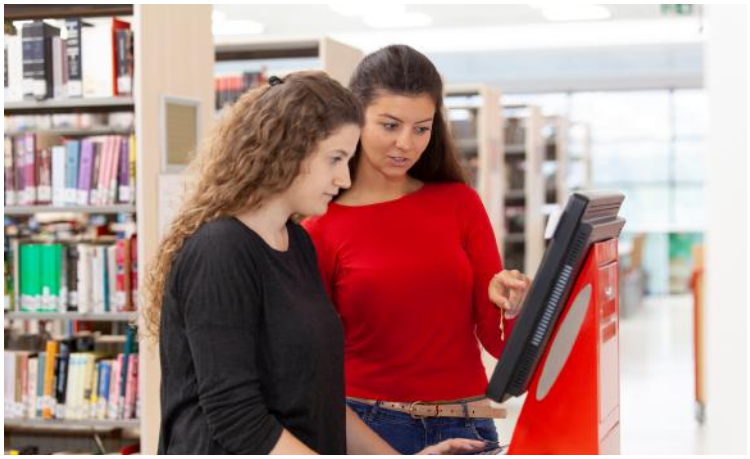
Beyond the classrooms, life at Yıldız Technical University is defined by the unique spirit of Istanbul, a historic crossroads of civilizations and ideas. Our faculty is nestled within the expansive Davutpaşa Campus, offering a serene environment where heritage meets modern innovation.

Here, global minds thrive at the meeting point of the East and West, collaborating within a vibrant academic ecosystem dedicated to fostering societal well-being and collective progress.
The campus is equipped with various dining halls and cafeterias to support a practical and comfortable daily life.

For accommodation, the Davutpaşa Campus features three dedicated student dormitories, providing a safe and accessible residential environment right at the heart of the university. The Davutpaşa Campus provides an inspiring academic setting by integrating its historic heritage with modern laboratories and contemporary research facilities.

This environment is enriched by a supportive global community and a vibrant student life that fosters leadership and creativity through diverse extracurricular societies. By prioritising wellbeing and sustainability alongside academic excellence, the Faculty ensures a balanced and inclusive atmosphere for all. Ultimately, these comprehensive facilities and support systems empower our students to thrive both personally and professionally within a forward-thinking and environmentally conscious academic community.

Our campus combines **historic heritage** with **modern facilities**, fostering a vibrant and inclusive community.

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HOUSTON


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Erasmus Courses: https://fed.yildiz.edu.tr/erasmus-courses

Further Information

Course syllabi for all programmes offered by the Faculty are available in both Turkish and English. Detailed course descriptions, learning outcomes, and academic requirements can be accessed via the course information page:

https://fed.yildiz.edu.tr/dersler

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FAS FACULTY OF ARTS AND SCIENCES