Department of Management Informaton Systems

Istanbul Gelisim University
Faculty of Economics, Administrative and Social Sciences

"The process of globalization also brings intense competition. To cope with this competition, it is essential to train human resources that are equipped with knowledge and skills, are inquisitive, and can understand and interpret the world."

Prof. Dr. Kenan AYDIN
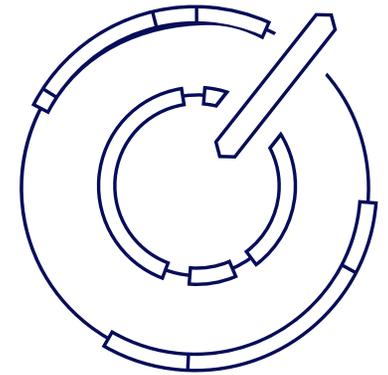**Dean of the Faculty of Economics, Administrative and Social Sciences**

Data Scientists of the Future: Management Information Systems Department

As the Management Information Systems Department of Istanbul Gelisim University's Faculty of Economics, Administrative and Social Sciences, we aim to train our students to become competent and well-equipped individuals in the field of data science. By graduating students who can accurately analyze, interpret, and make strategic decisions based on the most valuable resource of our age—data—we aim to make a difference in the business world.

Data science is leading to revolutionary changes in many sectors today. To cultivate individuals who can be pioneers of this transformation, we offer a comprehensive educational program in our department. Our students graduate with both theoretical knowledge and practical skills in areas such as data analytics, machine learning, and big data management.

In the modern business world, the success of enterprises depends on their ability to use data effectively. With this awareness, we teach our students the most up-to-date technologies and methods, preparing them for the future business landscape. As the Management Information Systems Department, we ensure that our graduates not only possess technical knowledge but also develop analytical thinking and problem-solving skills. Are you ready to make a difference with us in the data-driven world of the future?

The Aim of the Department

Istanbul Gelisim University's Department of Management Information Systems stands out as a department integrated with business and information technologies, educating sought-after professional groups of the future. The program aims to provide individuals graduating from it with knowledge, skills, professionalism, and an internationalization strategy in various fields such as basic concepts of informatics and computers, data science proficiency in information technologies and related sectors, design and management of management and information systems, information technologies, system analysis and algorithms, database and data applications, micro and macroeconomics, data and text mining, e-business and commerce, data analysis, and cloud computing systems.

The Future of the Department

The Department of Management Information Systems will continue to educate individuals who play a pioneering role in the era of data. Graduates who excel in leveraging the opportunities presented by technology and data science, prioritize ethical and responsible data usage, and demonstrate leadership in digital transformation processes will make a difference in the future business world. The future of this department offers a bright and promising path for both our students and society.
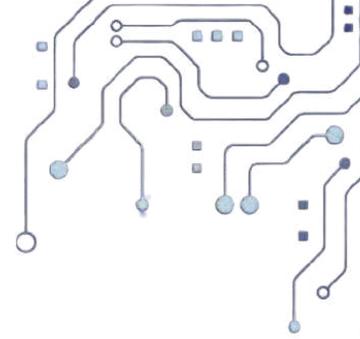
Program and Curriculum Information

To graduate from the Department of Management Information Systems at Istanbul Gelisim University's Faculty of Economics, Administrative and Social Sciences, students must complete a total of 130 credits and 240 ECTS credits.

During the first two years, students take foundational courses necessary for entry into the field of business, which are common to all departments within the Faculty of Economics, Administrative and Social Sciences. Starting from the third year, students begin to take compulsory courses specific to their branch, along with elective courses. The statistics and data science courses in the curriculum of the Management Information Systems Department enable students to make a difference in the industry.

In this context, elective courses open to the entire faculty provide opportunities for interdisciplinary education. Additionally, students can receive education on various subjects through social elective courses aimed at strengthening their worldview and providing additional skills.

Students in the Department of Management Information Systems apply the software and coding skills they acquire in laboratory environments to practical use through their Senior Thesis prepared in their final year. These projects help them enhance their software and analytical thinking skills by utilizing their practical and technical knowledge together, preparing them for the industry.

> *We prioritize sustainability. Our curriculum and academic staff are constantly engaged in work within the field of sustainability. We share our work with our students. We care about our future.*
>
> Asst. Prof. Didem Tetik Küçükelçi

DEPARTMENT ACCREDITATION

Istanbul Gelisim University, which places great importance on internationalization in education, offers educational opportunities to its students and graduates through international accreditations and protocols signed with foreign universities.

On its path to becoming a "Respected World University," IGU launched an ambitious development initiative in 2017, making significant investments in its physical capacity, human resources, and the opportunities provided to its students.

As part of the initiatives that began in 2017, the departments of the Faculty of Economics, Administrative and Social Sciences were also deemed eligible for accreditation by AQAS, a member of the European Quality Assurance Register (EQAR), and received their accreditation certificates. AQAS, established in Germany in 2002 and a member of EQAR, is an organization that has evaluated more than 5,000 programs worldwide. It has accredited educational programs of over 90 German universities. The accreditation granted by AQAS certifies that the accredited program complies with European standards and principles.

The Management Information Systems Department is among the accredited programs and has been certified for compliance with European standards. The program has been accredited by AQAS until the year 2031.

Following a full programme review

AQAS
AGENTUR FÜR
QUALITÄTSSICHERUNG DURCH
AKKREDITIERUNG VON
STUDIENGÄNGEN E.V.

accredits the study programme

**MANAGEMENT INFORMATION SYSTEMS (FEAS)
(BACHELOR OF SCIENCE)**

at

ISTANBUL GELIŞIM UNIVERSITY, TÜRKIYE

The accreditation procedure and the decision are based on the Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG). The programme essentially complies with the AQAS Criteria for Programme and is in compliance with the requirements defined by the ESG. The accreditation is implemented according to the decision of the Standing Commission of 19 May 2025. The accreditation is conditional and valid until 30 June 2031.

Procedure No. 77237

COLOGNE, 19 MAY 2025   PRÖF. DR. EBERHARD MENZEL
PRESIDENT

DORIS HERRMANN
MANAGING DIRECTOR

AQAS e.V. is recognised by and/or member of the following organisations:

eqar   enqa   INQAAHE

Learning Outcomes

The learning outcomes of the department are as follows:

- Students will be able to define the concepts of management and information.
- Students will be able to analyze the accuracy, reliability, and validity of newly acquired information from data.
- Students will be able to report the obtained data.
- Students will be able to prepare software and projects in the field.
- Students will be able to utilize appropriate resources for data analysis related to processes.
- Students will be able to conduct analysis of business processes.
- Students will be able to lead projects as a member of a team.
- Students will be able to apply materials, techniques, and analyses relevant to the subject in projects or business workflows.
- Students will be able to fulfill responsibilities in a result-oriented manner in both individual and team work.
- Students will be able to recognize what they know and don't know about their field.

- Students will be able to adapt theoretical knowledge to real-life situations with a learning-to-learn approach.
- Students will be able to apply different methods and techniques with an innovative approach in their research.
- Students will be able to implement the results obtained from voluntary and socially responsible projects in their field.
- Students will be able to communicate effectively with colleagues and peers.
- Students will be able to share their analyses and findings with colleagues.
- Students will be able to collaborate with international colleagues using foreign language proficiency.
- Students will be able to behave in accordance with ethical values in the collection, analysis, and reporting of data.
- Students will be able to participatee in the design of business processes and systems without compromising quality.
- Students will be able to collaborate with other employees for the sustainability of the profession in their field.

Opportunity to Practice in Laboratories and Workshops

- Computer Laboratories

- Clinical Psychology Laboratory

- Clinical Interview and Observation

  Laboratory

- Experimental Psychology Laboratory

- EEG Laboratory

- Keyboard Spss Computer Laboratory

- Pocket Cinema

- Radio, Television and Cinema Studio

- Workshops Hall

- Advertising Workshop (Block A)

- Design Workshop

More than a Diploma!

Education Strengthened by Work Experience:
Our department's application courses help students prepare for their post-graduation careers by combining their theoretical knowledge with real-world experience. In this way, students take an important step in their journey of specialization by adapting to the expectations in the sector.

Practical and Theoretical, Integrated Approach:
Our students graduate with the skills of using the program that they need to master in today's world and theoretical knowledge about the profession. This allows our students to stand out in their professional lives.

DEVELOPMENT IS WITH YOU

Curriculum That Directs the Current
Our curriculum is updated to address today's problems and approaches in the field. In this way, our students not only master today's topics but also have the capacity to offer suggestions with their own approaches.

Solution-Focused Approach:
The student-instructor relationship in our department is solution-oriented and inclusive. With this approach, mentoring, individual guidance and academic counseling methods are used to increase students' success.

Innovative Courses

> " Our theoretical and applied courses are designed to focus on the intersection of business and computing, encompassing interdisciplinary knowledge that may be necessary for both data analytics and information systems.
>
> Asst. Prof. Didem Tetik Küçükelçi "

In line with contemporary educational understanding and aiming to encourage interdisciplinary studies, the program curriculum includes compulsory and elective courses from various departments. Within a framework that embraces continuous change and development, considering both national and international dynamics, the curriculum contents of the department are organized to provide students with education opportunities at international standards. Some of the innovative elective courses offered by the department are listed below:

- Artificial Intelligence and Machine Learning
- Cloud Computing Technologies
- Network Analysis
- Decision Support Systems
- Big Data Analytics
- Information Security"

Our Academic Staff

**Asst. Prof.
Didem TETİK KÜÇÜKELÇİ**
Department Chair

**Asst. Prof.
Deniz ALTUN**

**Asst. Prof.
Serkan ÇAKMAK**

**Asst. Prof.
Yıldız AYDIN**

**Res. Asst.
Gizem VAROL**

**Asst. Prof.
Süreyya İMRE BIYIKLI**

**Asst. Prof.
Merve VURAL ALLAHAM**

**Asst. Prof.
Hadi POURMOUSA**

**Asst. Prof.
Neda ALIPOUR**

Our department boasts a diverse faculty with expertise in various fields, allowing our students to benefit from a wide range of perspectives and become effective information systems professionals.

In the Management Information Systems Department, students receive comprehensive training from faculty members with diverse expertise, paving their way to becoming successful specialists in the field. This enables them to gain different perspectives and join the ranks of creative and skilled professionals that the industry demands.
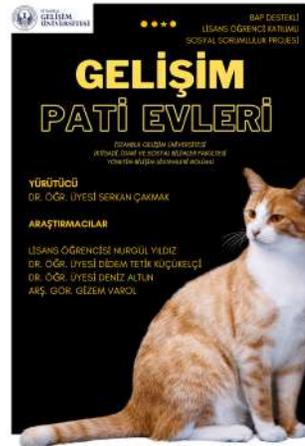
Shape the Future with Data: Make a Difference with Management Information Systems at IGU

The Management Information Systems department not only provides students with knowledge and skills but also supports them in becoming individuals who will make their own mark and contribute to society. Our students have the opportunity to develop their talents through workshop sessions, engage in experiential learning through activities, and create awareness through social responsibility projects. Additionally, they participate in events where they can enhance their collaboration and teamwork skills. All these activities also offer valuable career opportunities for our students.

The activities held in our department are as follows:

- Workshops
- Festivals
- Competitions
- Social Responsibility Projects
- Student Club Activities
- Seminars and Symposiar
- Talks

Career Opportunities

Graduates of the Management Information Systems Department have a wide range of career opportunities

- Information Technology
- Finance
- Software Programming
- Media
- Communication and Publishing
- Analysis and Reporting
- Commerce
- Logistics

Who should choose?

- Those who
- are technology enthusiasts
- are interested in the business world
- are analytical thinkers
- are problem solvers
- want to make sense of data
- have organizational skills

"

Knowledge is the most valuable capital; Management Information Systems are the key to effectively utilizing this capital.

Asst. Prof.
Didem Tetik Küçükelçi

"

Double Major Opportunity

The aim of the double major program is to enable students who excel in their major programs to also receive education in a second field and obtain a diploma in that field **FOR FREE**. Students with a cumulative GPA of 2.90 out of 4.00 in their major program and ranking within the top 20% of their undergraduate program can start the second major diploma program free of charge.

In which departments do Management Information Systems Department students do double major?

> *I believe that minoring in Management Information Systems not only enhances my professional skills but also provides me with a different perspective. I think the minor program will allow me to adopt a versatile approach in my future career by gaining different perspectives.*

Erencan Halis
Management Information Systems Department Minor Student

Towards the Future with Strong Steps: Our Graduates

Fadime Akdoğan
Management Information Systems Graduate

Hello, I'm Fadime Akdoğan, a Business Intelligence Specialist at Chippin, one of the companies of Koç Holding, and a 2023 graduate of the Management Information Systems department at Istanbul Gelişim University. Thanks to the courses I took and the guidance of academic instructors in the Management Information Systems department, I discovered the Business Intelligence position where I create reports for client companies and prepare data analyses. Learning various data analysis tools such as SQL, Knime, Python, and R from the academic instructors in our department in the laboratory environment during my undergraduate years, and using these data analysis tools for my projects, made me stand out among other candidates when entering the workforce. Additionally, the thesis-oriented structure of our department was an advantage as it provided competencies such as literature review and research.

Muhammet Taha Onat
Management Information Systems Graduate

Hello, I graduated from the Management Information Systems Department in 2022. Since the first day I came to the department, I was aware that I made the right decision for myself. Both technical courses and verbal courses in management have been presented to me in the industry and have helped me develop my career. Throughout my school life, I have used many of the technologies I have learned and projects I have developed in my professional life. The field offered by the department is quite wide. This also means that learning never ends and gives you the opportunity to find a place for yourself in the sector in the field you want. I especially recommend our department to anyone interested in the field of Data Science

Towards the Future with Strong Steps: Our Graduates

Ataberk Kağan Ağakişi
Management Information Systems Graduate

Hello, I graduated from the Management Information Systems Department in 2024. Even before graduation, I started shaping my career path and am currently building a successful career in the field of information technology. The knowledge and skills I gained in my department have provided me with a significant advantage in the business world. Thanks to the part-time student program offered by our university, I had the opportunity to work and gain experience in our school's IT department. This experience greatly contributed to stepping into the field where I am currently working.

Büşra Ayral
Management Information Systems Graduate

Hello, the biggest factor in my decision to choose this department was the perspective it offers. In this department, which encompasses the concepts of human, knowledge, management, and computer, I had the opportunity to apply my theoretical knowledge in every aspect of life. MIS is one of the most promising departments among the ones that can be chosen with an equal weight score, offering its graduates the widest job opportunities. If you aim to work in a large corporate firm after graduation, the gains you obtain from this department will provide you with this opportunity.

Yükseköğretim Kalite Kurulu

AQAS

İSTANBUL GELİŞİM ÜNİVERSİTESİ

2008

İSTANBUL
GELİŞİM ÜNİVERSİTESİ

> Let's Learn Together
>
> Let's Connect to the World!
>
> Let's Explore Together!

DEPARTMENT OF MANAGEMENT INFORMATION SYSTEMS

You can contact the department chair for more information:

dtetik@gelisim.edu.tr

CONTACT:

iisbf.gelisim.edu.tr

iguiissbf

iguybs

0212 422 70 00