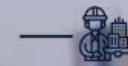


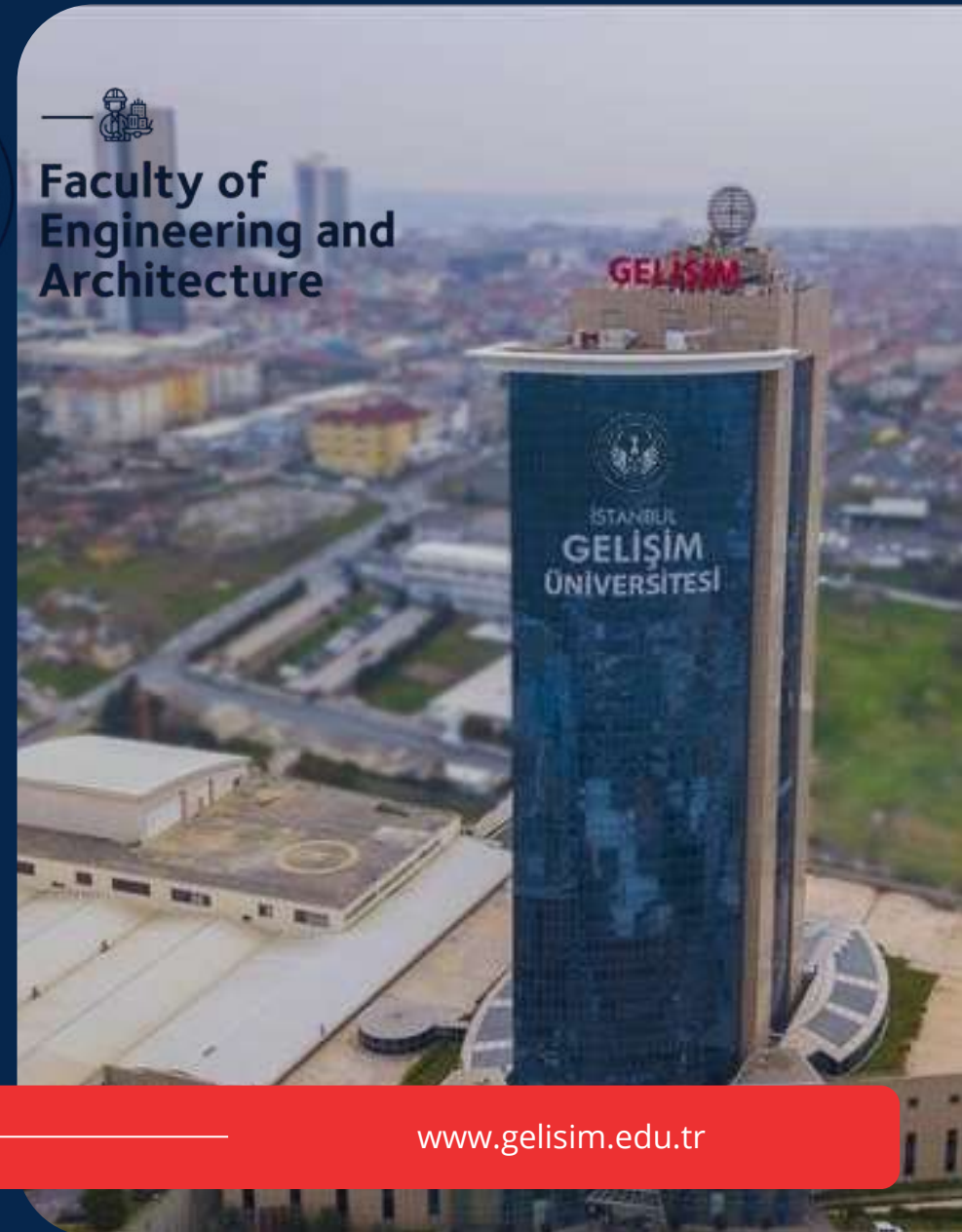
Civil Engineering

"...The wide field of study of Civil Engineering is one of the most important reasons why it is preferred and will continue to serve as long as human beings exist."

Assist. Prof. Ahmad Reshad NOORI (PhD)
Head of the Civil Engineering Department



Faculty of
Engineering and
Architecture



Faculty of Engineering and Architecture - Civil Engineering

www.gelisim.edu.tr



“Civil Engineering”, one of the oldest branches of engineering in the world, produces projects and takes part in construction works for basic needs such as housing and transportation as well as environmentally sensitive water supply and wastewater removal as long as people exist.




**Faculty of
Engineering and
Architecture**



THE FUTURE OF CIVIL ENGINEERING



With the spread of internet technology, smart homes, smart roads, smart and driverless vehicles will continue to take place in our lives more and more. Civil engineers also closely follow current and developing technologies. The wide field of study of civil engineering is one of the most important reasons why it is preferred and will continue to serve as long as human beings exist.




**Faculty of
Engineering and
Architecture**

VISION

The vision of the Department of Civil Engineering is to educate, train and prepare graduates who think analytically and feel responsible towards society, who can take part in joint projects that contribute to the development of the civil engineering profession both nationally and internationally, and who have a team spirit.

MISSION

Our mission is to prepare students for the future with theoretical and practical knowledge in the field, full knowledge in the field, the ability to follow and apply scientific and technological developments with self-confidence and ethical values. The civil engineering education program provides students with the ability to model and solve technical problems in the real world with computational approaches. The ability to think mathematically helps them analyze engineering problems effectively.




**Faculty of
Engineering and
Architecture**



Academic Staff

“Civil engineering is an art that works in friendship with the forces of nature to turn human dreams into reality.”



**Assist. Prof.
Ahmad Reshad
NOORI (PhD)**
**Head of
Department**



**Prof. Abdullah
Necmettin GÜNDÜZ
(PhD)**



**Prof. Nuri
KURUOĞLU
(PhD)**



**Prof. Mustafa
KARAŞAHİN
(PhD)**



**Assoc. Prof. Anıl
NİŞ (PhD)**



**Assoc. Prof.
Suleiman
KHATRUSH
(PhD)**



**Assoc. Prof. Dr.
Metin
MEHMETOĞLU
(PhD)**



**Assist. Prof.
Hamit ÖZTÜRK
(PhD)**



**Assist. Prof.
Yasin PAŞA (PhD)**



**Assist. Prof. Aylin
Ece KAYABEKİR
(PhD)**



**Assist. Prof.
Mahmut TANER
(PhD)**



**Assist. Prof.
Mesut BARIŞ
(PhD)**





Academic Staff

“Civil engineering is the silent hero of civilization built on solid foundations.”



**Assist. Prof.
Mustafa NURİ
(PhD)**



**Assist. Prof.
Sajedeh
NOROZPOUR (PhD)**



**Assist. Prof.
Seda ERDÖNMEZ
(PhD)**



**Assist. Prof.
Yosra TAMMAM
(PhD)**



**Assist. Prof.
İbrahim Rasin
DÜZCEER (PhD)**



**Assist. Prof.
Mustafa Yurdabal
APAK (PhD)**



**Assist. Prof. Esra
YALÇIN (PhD)**



**Res. Assist
Oğuzhan Murat
HALAT**



**Res. Assist.
Kemal ERTUNÇ**



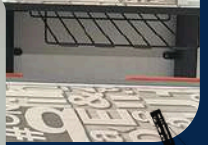

**Faculty of
Engineering and
Architecture**

Program and Curriculum Information

In order to graduate from Istanbul Gelisim University, Faculty of Engineering and Architecture, Department of Civil Engineering, students are required to complete a total course load of 146 credits and 240 ECTS. These courses include a variety of courses in areas such as basic engineering principles, civil engineering practices, structural analysis, materials science, geotechnics, hydraulics and hydrology. In addition, completing practical experiences such as 60 working days of internship are also among the graduation requirements. These requirements are set to ensure that students graduate with a broad engineering knowledge and practical skills.



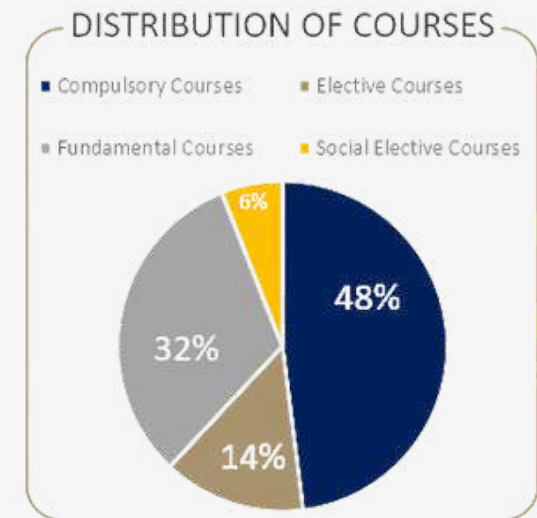
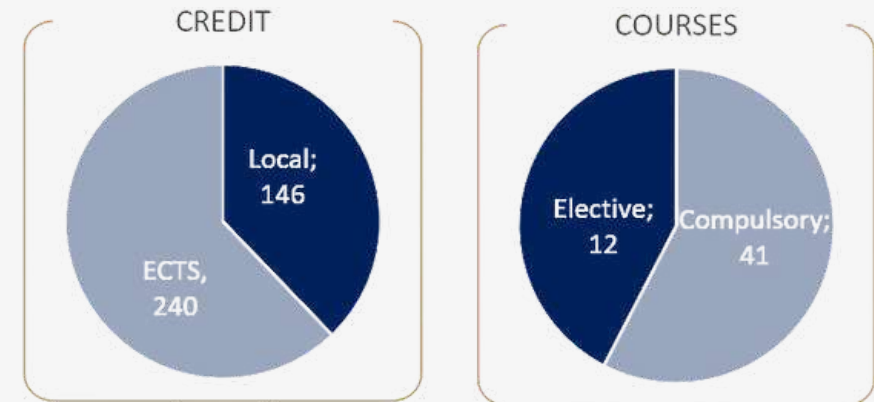
**Faculty of
Engineering and
Architecture**



Program and Curriculum Information

Elective courses in Civil Engineering provide students with the opportunity to specialize and gain in-depth knowledge in accordance with their interests and career goals. These courses provide students with a broad perspective and allow them to explore their individual talents and interests.

Elective courses often offer students the opportunity to specialize in a particular field. For example, elective courses in areas such as building materials, structural dynamics, geotechnical engineering, water resources management, etc. offer students the opportunity to gain in-depth knowledge and expertise in a specific field. This allows students to focus on their careers after graduation by specializing in a particular field.



**Faculty of
Engineering and
Architecture**



EDUCATION AND TRAINING GOALS

The educational goals of our department are to provide students with a solid engineering foundation and to prepare them as successful professionals in the field of civil engineering. We also emphasize the following aspects.

- ✓ Increasing student success
- ✓ Ensuring continuity in accreditation
- ✓ Increasing success in Erasmus student mobility
- ✓ Increasing the rate of meeting program educational objectives
- ✓ Increasing the rate of meeting program outcomes




**Faculty of
Engineering and
Architecture**

DEPARTMENT ACCREDITATION



Faculty of
Engineering and
Architecture



This is to certify that the following program at

Istanbul Gelisim University

is accredited by the Engineering Accreditation Commission
of ABET for the 2022-2023 academic year

Civil Engineering (Bachelor of Science)




dent


Executive Director and CEO


Commission Chair

Istanbul Gelisim University attaches great importance to internationalization and offers a wide range of educational opportunities to its students and graduates. It strives to achieve this goal through international accreditation and protocols signed with foreign universities. In line with its vision of becoming a "Respected World University", it makes significant investments in its physical infrastructure, human resources and the opportunities it provides to students. In 2017, it is taking firm steps towards this goal with the ambitious breakthrough process it started.

ABET is an international organization that evaluates and accredits engineering and technology programs. This accreditation verifies that programs meet certain standards and quality criteria and ensures that graduates are recognized nationally and internationally.

Istanbul Gelisim University, Department of Civil Engineering was accredited by ABET in 2019 and is one of the five civil engineering departments accredited by ABET in the Republic of Turkey. This accreditation provides an important advantage for the department to be recognized nationally and internationally and for its graduates to have more opportunities in the job market.

Learning Outcomes



Ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics

Ability to apply engineering design to produce solutions that meet specific needs, taking into account global, cultural, social, environmental and economic factors, as well as public health, safety and welfare

Ability to communicate effectively with a variety of audiences

Ability to recognize ethical and professional responsibilities in engineering situations and to make informed decisions that must consider the impact of engineering solutions in global, economic, environmental and societal contexts

Ability to work effectively in a team whose members provide co-leadership, create a collaborative and inclusive environment, set goals, plan tasks and meet objectives

Ability to develop and conduct appropriate experiments, analyze and interpret data, and use engineering judgment to draw conclusions

Ability to acquire and apply new knowledge when necessary using appropriate learning strategies

Laboratories

- Construction and Building Materials Laboratory
- Hydraulics and Geotechnical Laboratory



Faculty of
Engineering and
Architecture



Innovative Courses

- MATERIAL SCIENCE
- RAILWAY ENGINEERING
- SOIL MECHANICS APPLICATIONS
- WATER RESOURCES
- EARTHQUAKE RESISTANT BUILDING DESIGN
- BRIDGE DESIGN
- COMPUTER APPLICATIONS IN CIVIL ENGINEERING
- PRESTRESSED REINFORCED CONCRETE STRUCTURES
- DESIGN OF HIGH-RISE BUILDINGS
- RETROFITTING OF REINFORCED CONCRETE STRUCTURES
- PAVEMENT DESIGN
- SUSTAINABILITY IN BUILDINGS
- DESIGN OF WASTEWATER COLLECTION SYSTEMS
- SUSTAINABLE BUILDING MATERIALS
- BASIC CONCEPTS OF GEOGRAPHIC INFORMATION SYSTEMS AND REMOTE SENSING
- STEEL BRIDGES
- STAKEHOLDER MANAGEMENT IN CIVIL ENGINEERING

Innovative courses in Civil Engineering enable to follow technological developments, ensure sustainability, develop problem-solving skills, enhance career opportunities and increase productivity.



**Faculty of
Engineering and
Architecture**

CAREER POSSIBILITIES

Civil Engineering graduates have a wide range of careers. They can work in areas such as design, planning and management of construction projects, infrastructure projects (roads, bridges, tunnels, water and wastewater systems), structural engineering, geotechnical engineering, hydraulics, project management and consultancy services. There are also job opportunities in the public sector (municipalities, government agencies) and private sector (construction companies, engineering consulting companies). With advanced education and specialized certificates, it is possible to pursue academic careers or research positions. Emerging technologies and sustainability requirements constantly offer new opportunities for civil engineers.



**Faculty of
Engineering and
Architecture**



Double Major Opportunity

The purpose of the double major program is to enable students who have successfully completed their major programs to study in a second major program free of charge. Students who have a cumulative grade point average of 2.90 out of 4.00 in their major program and who are in the top 20% of their undergraduate program can start the second major diploma program free of charge.

Civil engineering students do their double majors in the following departments:

- Software Engineering
- Aeronautical Engineering
- Architecture



Faculty of
Engineering and
Architecture

Start Your Internship Journey Shape Your Future!

Our students do their summer internships at the end of their second and third years. With the Summer Internship I and Summer Internship II compulsory courses in our curriculum, students take their first steps into the sector. In order to graduate, they are required to complete a 60-day summer internship in their respective fields.



ACADEMIC AWARDS

According to the results of Istanbul Gelisim University's Academic Performance Evaluation System (APSIS) for 2024, three academicians from our department took place in the general ranking.

Prof. Nuri KURUOĞLU (PhD)
Assoc. Prof. Anıl NİŞ (PhD)
Assoc. Prof. Metin MEHMETOĞLU (PhD)

According to the results of Istanbul Gelisim University's Academic Performance Evaluation System (APSIS) for the year 2024, six academicians from our department were ranked among the Faculty of Engineering and Architecture.

Prof. Nuri KURUOĞLU (PhD)
Prof. Mustafa KARAŞAHİN (PhD)
Assoc. Prof. Anıl NİŞ (PhD)
Assoc. Prof. Metin MEHMETOĞLU (PhD)
Assist. Prof. Aylin Ece KAYABEKİR (PhD)
Assist. Prof. Ahmad Reshad NOORI (PhD)



Faculty of
Engineering and
Architecture

COMPLETED AND ONGOING PROJECTS



Faculty of
Engineering and
Architecture

10

TÜBİTAK
Projects



6

SRP (BAP)
Projects



3

Other
(International)



SCIENTIFIC PERFORMANCE INDICATORS FOR QUALITY ACADEMIC STUDIES



STARS SHAPING THE FUTURE: OUR GRADUATES

Our graduates are individuals who are equipped with knowledge, committed to ethical values, stand out with their problem-solving skills and add value to society.



Res. Assist.
Asena Pinar
Özer

She is a research assistant at Yıldız Technical University, Department of Civil Engineering.



Selin Ece ALTUN
Architect & Civil Engineer

She provides services by preparing architectural and static projects, mainly residential projects.



Ruşen Dağparçası
Civil Engineer

He works as a civil engineer in the construction of Kuwait International Airport.

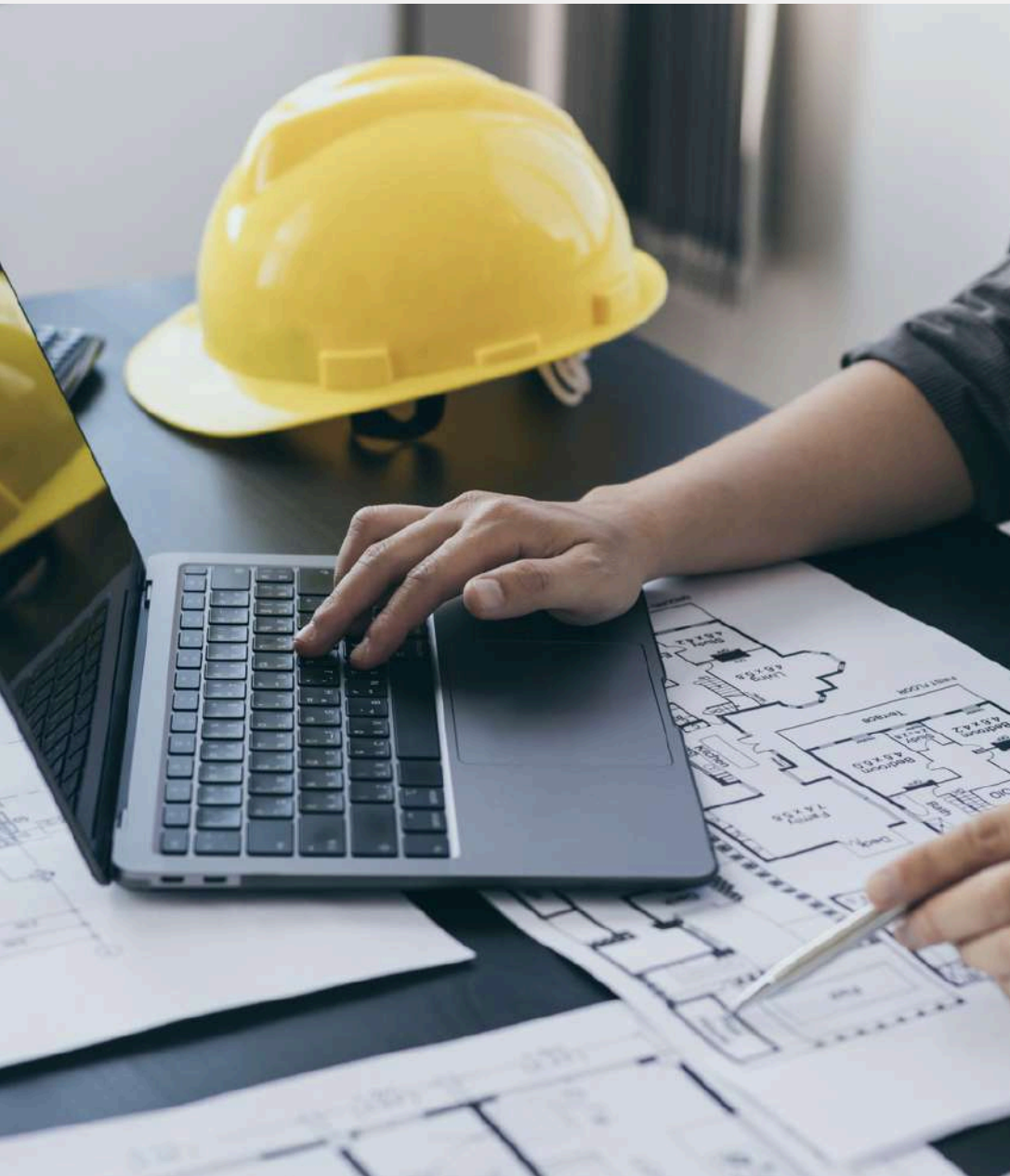


External Stakeholders

"Alone we can do little; together we can do so much." -Helen Keller

Stakeholder	Sector	Adress
Seccad BAYRAMI	Project	Ankara
Timuçin ALPASLAN	Academic	Çukurova University
Asena Pınar ÖZER	Academic	Yıldız Technical University
Bilge Sultan DEMİRTAŞ	Academic	Boğaziçi University
Şeyhmus Can TUNÇ	Academic	Ohio State University
Macide SAPAN	Structure Inspection-Site Engineering	Hatay
Fatih GÜR	Structure Inspection-Site Engineering	Ankara





Civil Engineering Department

For more information contact the department
head

you can contact:
arnoori@gelisim.edu.tr



igummf

Let's step into the exciting world of Civil Engineering together and shape the world by designing and implementing the structures of the future.