



INTERNATIONAL  
UNIVERSITY OF SARAJEVO



Faculty of Engineering  
and Natural Sciences  
International University of Sarajevo



Bachelor of Science (B.Sc.) in

# ARCHITECTURE

Info Catalogue

Academic Year 2025-2026

# ABOUT THE ARCHITECTURE STUDY PROGRAM

The **Architecture Study Program (ARCH)** at the International University of Sarajevo (IUS) is part of the Faculty of Engineering and Natural Sciences (FENS), the largest academic unit within the University. The program aims to educate innovative and socially responsible architects capable of **contributing to the development of sustainable and resilient environments that can adapt to the needs of an evolving society**. It is designed to provide

students with the essential knowledge, skills, and creative mindset necessary to engage with the complex challenges of contemporary architectural practice through a balanced combination of technical, artistic, and theoretical education. In addition, program combines a solid foundation in architectural design, building construction and materials, architectural history and heritage protection, and urban and spatial planning.



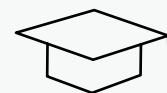
4 years, 8 semesters



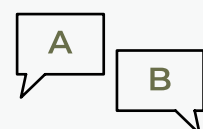
Full-time, in person



240 ECTS



Bachelor of Science (B.Sc.) in  
Architecture



Language: English

The program also incorporates elements of **interior design, landscape architecture, digital architecture, and project management**, enabling graduates to deepen technical, analytical, or design-related skills required to collaborate effectively within multidisciplinary fields and specializations within architectural practice. A distinctive feature of the program is its use of **advanced digital tools** such as Building Information Modeling (BIM) software (Autodesk Revit), 3D digital design software

(Google SketchUP), computational design platforms (Rhinoceros), as well as various other **engineering and creative software solutions** (Adobe Creative Cloud, SolidWorks, SolidCAM, Autodesk Education Master Suite, Cisco Webex, HFSS, AVID, MathWorks, Pointwise, Wolfram Research Mathematica) where students investigate both the **creative potential and technical limitations of contemporary digital design and production processes**.



Practical experience is at the heart of the program. Students engage in **studio-based learning, project-based learning, laboratory work, and compulsory industry internships** to bridge theory with real-world applications. **Conducted entirely in English and embedded in a multicultural campus community**, the program fosters an international outlook. Students have the opportunity to participate in **Erasmus+, and bilateral mobility programs**, as well as the **IUS ARCH-ITU double diploma program** in cooperation with Istanbul Technical University (ITU).

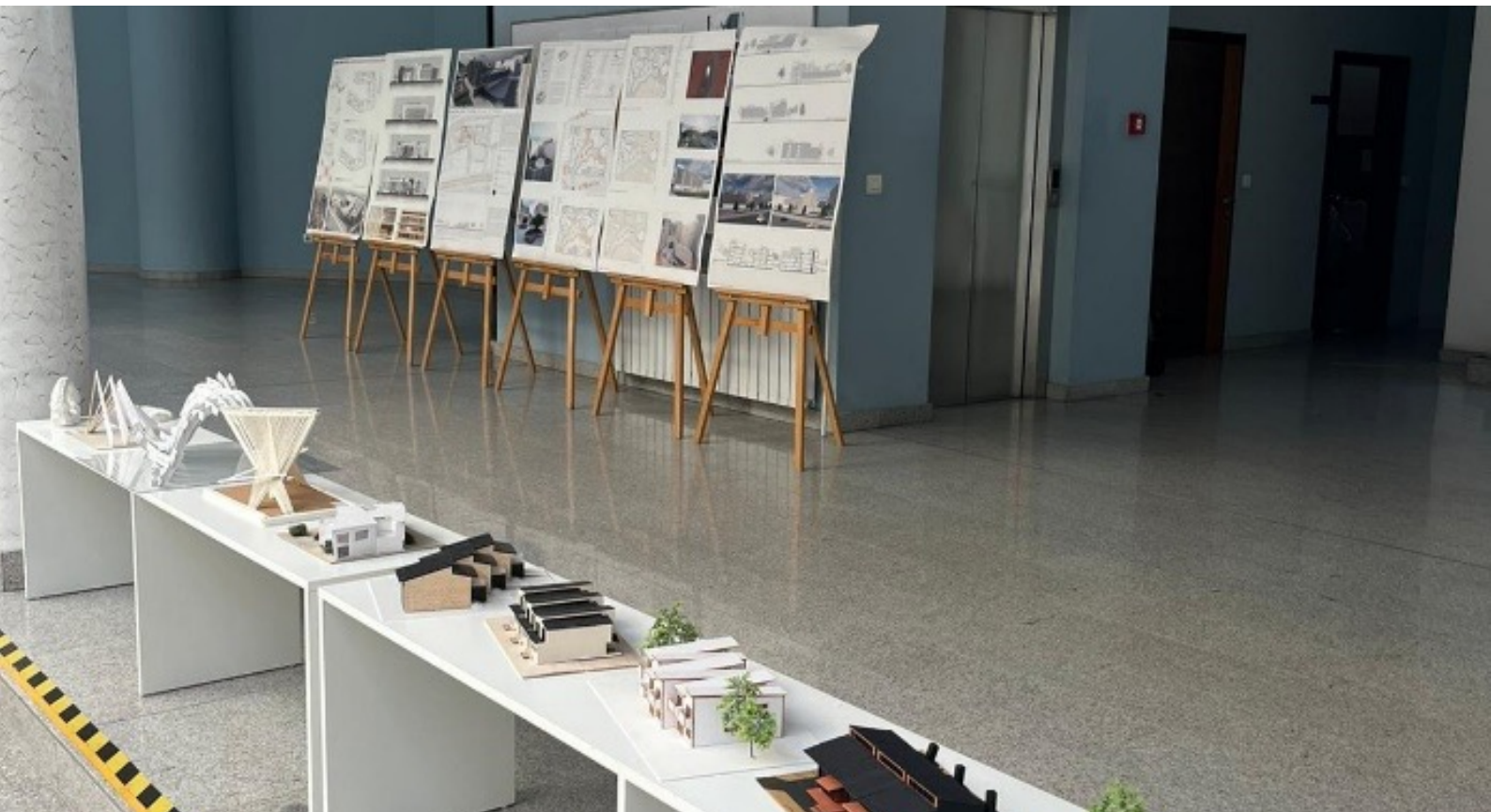


Graduates from IUS are not only creative architects but also qualified professionals equipped with the academic, technical, and ethical competencies necessary for the practice of architecture in a dynamic, interdisciplinary, and global context.

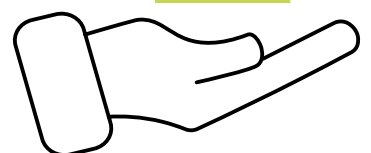
# VISION AND PEDAGOGICAL APPROACH

The program seeks to equip students for the dynamic and interdisciplinary nature of contemporary architectural practice and prepares graduates to accomplish the following educational objectives:

- Demonstrate Creative Design Competence
- Engage in Multidisciplinary and Interdisciplinary Fields
- Communicate Professionally and Effectively
- Design and Manage Projects Across Scales and Contexts
- Cultivate High-Level Professionalism



The program integrates a variety of teaching approaches—such as design studios, lectures, workshops, case studies, and project-based learning—which collectively foster critical thinking, creativity, and technical competence. Regular feedback from students, alumni, and industry partners is reviewed to evaluate the effectiveness of these methods in supporting learning objectives.



# Study program

## EDUCATIONAL OBJECTIVES (EO)

Objectives of the Mechanical Engineering Study Program – 1st cycle are:

<b>EO1</b>	<b>Demonstrate Creative Design Competence</b>	Encourage and develop students' ability to express, nurture, and refine their architectural design skills, creativity, and critical thinking necessary for professional and academic excellence.
<b>EO2</b>	<b>Engage in Multidisciplinary and Interdisciplinary Fields</b>	Introduce students to the diverse fields within architecture and the built environment, fostering interdisciplinary awareness and the ability to integrate knowledge across related domains.
<b>EO3</b>	<b>Communicate Professionally and Effectively</b>	Equip students with communication skills – visual, verbal, and written – that are essential for effective professional interaction with clients, teams, institutions, and communities in architectural practice.
<b>EO4</b>	<b>Design and Manage Projects Across Scales and Contexts</b>	Develop students' technical and conceptual abilities to design and manage projects of various types and scales, encouraging adaptive and innovative solutions in a rapidly changing environment.
<b>EO5</b>	<b>Cultivate High-Level Professionalism</b>	Raise professionals who demonstrate advanced knowledge, ethical responsibility, and leadership potential in architecture, preparing them for lifelong learning, research, and contribution to discipline and society.

# Study program

## LEARNING OUTCOMES (LO)

<b>Knowledge</b>	<b>LO1</b>	Demonstrate knowledge of the history and theory of architecture.
	<b>LO2</b>	Identify the fundamental principles of building construction, materials, and structures.
	<b>LO3</b>	Identify the principles and components of building systems.
	<b>LO4</b>	Demonstrate knowledge of urban planning and the role of architecture in shaping cities and public spaces.
	<b>LO5</b>	Recognize various digital tools and technologies used in architectural practice.
	<b>LO6</b>	Demonstrate knowledge of the basic principles of structural engineering, including load-bearing structures, force distribution, and material behaviour.
	<b>LO7</b>	Show the key principles of sustainable architecture, including energy-efficient design, passive design strategies, and the use of renewable materials and technologies.
<b>Skills</b>	<b>LO8</b>	Produce technical drawings using both traditional and digital tools.
	<b>LO9</b>	Apply creative, functional, and innovative design solutions to architectural problems..
	<b>LO10</b>	Use knowledge of advanced technologies used in architectural practice.
	<b>LO11</b>	Implement principles of sustainable design, passive energy strategies, resource-efficient materials and environmentally responsible solutions.
	<b>LO12</b>	Incorporate relevant legal and regulatory frameworks to the design and construction processes.
	<b>LO13</b>	Apply ethical principles and professional standards in all aspects of architectural practice.



<b>Competencies</b>	<b>LO14</b>	Develop independently functional, innovative, and contextually relevant architectural solutions that address complex design challenges.
	<b>LO15</b>	Demonstrate the knowledge and skills to develop detailed architectural documentation.
	<b>LO16</b>	Analyse and solve architectural problems, considering technical, cultural, historical, environmental and social factors.
	<b>LO17</b>	Evaluate and select appropriate construction techniques, materials, and systems based on site-specific conditions, cultural and historical context, environmental impact, and social needs.
	<b>LO17</b>	Develop critical thinking and effective communication skills through verbal, visual and written means.
	<b>LO18</b>	Develop the ability to work in multidisciplinary teams.

# PROGRAM STRUCTURE

In the First Study Cycle, the Architecture Study Program Curriculum comprises eight (8) semesters (240 ECTS) and is organized as follows:

- 1. University-Level Courses (7 courses / 36 ECTS)**  
5 courses are required basic introduction courses, that introduce students to university and program education and two free elective courses in the third and fourth year, that provide an opportunity to specialize and study topics outside their major study
- 2. Program-Level Courses (30 courses / 184 ECTS)**  
Core courses for students to equip them with foundational knowledge in architecture.
- 3. Program-Level Elective Courses (5 courses / 20 ECTS)**  
program elective courses that provide students with core competencies.

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## Program and Free Elective Courses (7 courses / 32 ECTS)

Enable specialization within the program or exploration of topics from other fields.



A detailed overview of the **curricula for the ARCH Study Program**, including the **ARCH-ITU Double Diploma Program**, are available at [arch.ius.edu.ba](http://arch.ius.edu.ba)

# CURRICULUM HIGHLIGHTS

The program provides a strong foundation in fundamental architecture disciplines, including **architectural design, building construction and materials, architectural history and heritage protection, and urban and spatial planning.** It fosters an interdisciplinary and multidisciplinary approach through a wide selection of program and free electives, as well as the opportunity to obtain a minor degree within or outside the program.

The curriculum is further enhanced through **internationalization**; as courses are delivered in English and students have opportunity to learn some other languages (i.e., Turkish as language elective, or Italian, Spanish, and German as free electives), and students are being exposed to international study materials taught by academic staff educated in variety of countries and opportunity for the joint diploma program with Istanbul Technical University.

Practical learning is not only emphasized through **studio-based learning, project-based assignments, and a mandatory internship** (minimum 30 working days), but also through **interaction with professional practice through guest lectures, workshops, or study visits.**



## Special Opportunities:



### Double Diploma with Istanbul Technical University

Two years at IUS + two years at Istanbul Technical University = two diplomas.



### Exchange Abroad

One semester worldwide through Erasmus+ mobility with funded costs.



### Industry Links

Internships, real-life projects, and collaboration with partner companies.



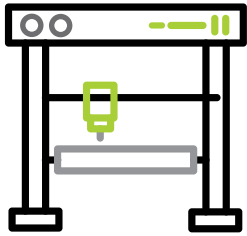
### Research Opportunities

Participation in scientific/artistic research through adequate mentorship of bachelor's and master's final works and active participation on projects coordinated by academic staff and access to modern laboratories.



### Minor Degree Diploma

# LABORATORY & RESEARCH FACILITIES



- Digital Fabrication Lab equipped with CNC machine, Laser cutter and 3D printer for processing wood and plastic materials.
- Computational labs equipped with Google Sketchup, Rhinoceros, Autodesk Education Master Suite, Adobe Creative Cloud, SolidWorks, SolidCAM
- Computational labs equipped with CAD, CFD, and FEA software
- Material testing lab
- RDC project spaces for collaborative student–faculty research
- Material testing lab



## INDUSTRY & CAREER LINKS

Our alumni have pursued diverse career paths and now work as architects, urban planners, BIM specialists, consultants, as well as founders of their studios and managers in international companies. The Architecture program maintains strong ties with its alumni community through formal collaboration agreements, guest lectures, and professional visits. Additionally, a number of alumni contribute to the program by offering internship placements for current students.

### Selected employers of IUS ARCH graduates:

- **GROPYUS** (Austria)
- **Demart Architecture** (Turkey)
- **MNE Landscape Architects** (Germany)
- **InteriorZen Sarajevo** (Bosnia and Herzegovina)
- **Alukönigstahl** (Bosnia and Herzegovina)
- **AluGlass Consulting AS** (Norway)

## ADMISSION REQUIREMENTS:

Applicants must hold a recognized high school diploma, and admission is subject to entrance evaluation as per IUS regulations. For more information, please visit [ius.edu.ba](http://ius.edu.ba).

## TEACHING AND ASSESSMENT:

Key forms of examination preferred by teaching staff for bachelor's studies in architecture include:

- Studio-based, project-based assignments that require students to develop comprehensive architectural solutions, demonstrate creativity, technical skill, and contextual understanding,
- Portfolio and technical drawings,
- Case studies and practical applications,
- Presentations and oral defences,
- Continuous assessment (quizzes, presentations) and
- Written examinations

Assessment criteria are transparent and available via **e-Campus**. Students may request a grade review in line with IUS regulations.





# STUDENT SUPPORT

Students of the Architecture program receive comprehensive support through academic advising, where each student is assigned an advisor/mentor who provides academic guidance and support throughout the entire study program. Additional academic advising relates to supervision in design studios, and guidance during thesis preparation. Administrative and technical services are provided by the faculty office, library, IT services, and workshop/laboratory staff. The International Office, Career Centre, and Student Services support mobility, internships, and career orientation.



## STUDENTS WITH DISABILITIES

IIUS supports students with disabilities through its Support Office, whose aim is to foster an inclusive environment. The office provides guidance and assistance to students with disabilities and works closely with staff to ensure their full participation in university life. To further support inclusion, the university has adopted guidelines for inclusion (Guide for Students with Disabilities at the International University of Sarajevo) and improved campus facilities, including Braille markings for visually impaired.

# STUDENT VOICE MATTERS

## QUALITY ASSURANCE

At IUS, we are committed to continuously improving student academic experience. That's why we've built a strong **Internal Quality Assurance System**—and students play a key role in it! Our quality assurance system ensures that everything we do—from teaching and research to administration and community engagement—is constantly evolving for the

better. Every semester, we invite students to participate in the **Student Survey**. This is students' chance to share honest feedback about:

- Learning and Teaching effectiveness
- Course content
- Learning resources
- Overall satisfaction



**Students' input is carefully analyzed and used to:**

- Improve course design and delivery
- Support and develop our academic staff
- Shape strategic decisions for the future

By participating, students help us build a more **student-centered learning environment**—where their needs, ideas, and experiences truly shape the University's growth.

## CAREER OPPORTUNITIES AND FURTHER STUDIES

**Graduates are well-prepared for positions such as:**

- Architect and Interior Designer
- Landscape Architect,
- Urban and Spatial Planner,
- Heritage Conservation Specialist,
- Visualization and Rendering Specialist,
- Building Information Modelling (BIM) Specialist, and
- Construction Architect and Project Manag

They are also qualified to pursue Master's programs in Architectural Design, Landscape Architecture, Urbanism and spatial planning, History, theory, and protection of architectural heritage, building construction, materials, technology and related fields.

## APPLY TODAY!

**International University of Sarajevo**  
**Faculty of Engineering and Natural Sciences**

Visit **[apply.ius.edu.ba](https://apply.ius.edu.ba)** or  
call **00 387 957 110**

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