

---

# Internship in Architecture and Technology at the Academy of Architecture of the Università della Svizzera italiana (USI)

---

Università della Svizzera italiana (USI) is a young and dynamic university, a hub of opportunities that welcomes the world. Students are offered a quality interdisciplinary education in which they can be fully engaged, and our researchers enjoy the freedom to pursue their initiatives within a supportive environment. Established in 1996, USI is in constant evolution, taking on new challenges while remaining committed to its core principles: quality, openness, and responsibility. In its recent ranking of “The Best Small Universities in the World”, the Times Higher Education places USI in the top 10.

At the Academy of Architecture in Mendrisio, a distinguished faculty of the Università della Svizzera italiana (ARC-USI), the Fabrication and Material Aware Architecture (FMAA) group, led by Ena Lloret Fritschi, is at the forefront of exploring sustainable design methods in architectural practice with cutting edge technology. The group’s research investigates material systems and construction processes combining material experimentation, digital tools, and robotic and computational techniques.

As the group continues to explore new directions in architectural research and innovation, we are offering an internship to support ongoing activities across both research and teaching activities. The internship provides the opportunity to work in a collaborative environment that values technical curiosity and skill, material awareness, and experimental approaches.

You will support both research and teaching activities. This includes supporting a doctoral research project focused on endangered construction techniques, in which digital tools such as 3D scanning, motion capture, eye-gaze tracking, and other sensor-based systems are used to document craft knowledge and structure it into a digital archive. Your role will involve assisting with data capture, basic processing organization, and documentation under the guidance of the doctoral student. In parallel, you will assist with teaching activities, supporting workshops, seminars, and contributing to the preparation and documentation of teaching materials.

## Candidates’ profile

Technology enthusiast with an affinity for design and architecture, and a particular sensitivity toward material practices and making processes

Passionate about your work, driven by a problem-solving mentality, and have the following skills:

- Currently enrolled in, or having recently completed, a Bachelor or Master program in architecture, architectural engineering, digital fabrication, computational design, or a related field
- Basic familiarity with digital tools such as 3D scanning, photogrammetry, or computational design software, or a strong motivation to learn and develop these skills

- Comfortable with hands on work across physical and digital domains
- Interest in data organization, documentation, and research oriented workflows
- Curious, reliable, and able to work collaboratively in a small team
- Good working knowledge of English. Knowledge of Italian is a plus

We are particularly interested in candidates who are proficient in computational design and digital workflows, and who are comfortable with hands-on work across physical and digital domains. Experience with advanced documentation tools, scanning technologies, or data processing is considered especially valuable.

This is an opportunity to join a dynamic and research-oriented team, where technical expertise and sensitivity toward material practices are valued, and where contributions support the development of new approaches to architecture, construction, and knowledge transmission. If you are interested in a challenging and rewarding role within a collaborative academic environment, we encourage you to apply and join FMAA.

**General terms:**

The position is for a 12-month contract (after the trial period).

- Start date: ASAP.
- Workplace: Academy of Architecture located in Mendrisio.

**The Application**

All applications must include the following in a single PDF:

- Letter of Motivation
- CV including:
  - Personal data (name, age, date of birth)
  - Educational and work certificates (last qualification obtained)
  - Professional experience
  - Exhibitions/Conferences/Awards (if applicable)
  - List of publications from previous symposiums, conferences, journals or books (if applicable)
  - Language skills
  - Programming skills
- Portfolio (Academic and personal work)

**Applications must be submitted in pdf format to [francesca.mirone@usi.ch](mailto:francesca.mirone@usi.ch)**

**Applications are due 31.01.2026, 23:59 CET.**

The process of assessment will be followed by an invitation to an interview. Interviews will take place in early February 2026.

As an institution that values diversity, USI particularly encourages applications from women and from all individuals from underrepresented groups.

Mendrisio, 19.12.2025