

PROJECT

The Master in Architecture and Health is a second-level master course that operates in the field of architecture for the physical and mental health of people, also in relation to the care of the city. The postgraduate course was created with the aim of training architects and engineers who aspire to specialise in the design, construction and management of different types of social-health structures, community assistance and support centres; more generally, the course is aimed at all those professionals who wish to update themselves on a scientific-cultural level, sharing the idea that the design of the built environment has an impact on people that can be decisive in creating their well-being. In addition to offering adequate preparation to deal with specific emergencies, this training will respond to the needs and innovation processes of healthcare, prevention and support for fragile people, for the rehabilitation phases and for a general quality of life.

Goals

Thanks to the high profile of the instructors who will hold lessons in the various disciplines such as architectural design, general and applied hygiene, health engineering, architectural technology, environmental technical physics, management of the built environment and public health of the territory, and to the multidisciplinary approach adopted, the Master in Architecture and Health will also develop the skills of the participants in the field of environmental psychology through the verification of case studies with positive psychological effects on people, visual perception through virtual reality and sustainability through simulations of the environmental impact of buildings in order to achieve zero carbon emissions. Upon completion of the programme, the graduate students will qualify as specialised figures with the professional training necessary to operate as designers and project managers in the construction, installation and management of social-health facilities, community care and support facilities and centres, such as nursing homes for the elderly and educational support facilities for people with special needs.

Curriculum

The curriculum of the Master in Architecture and Health programme is based on the assumption that a healthcare facility is a complex product in which various factors and integrated systems interact, from the structural-constructive one, to the mechanical-plant one, to the living one and its accessory functions. For this reason, visits to healthcare facilities of various types, participation in seminars and conferences on health and well-being, design laboratories (with representation techniques in BIM, 3D and simulation in VR), the autumn internship at companies in the sector and professional firms are essential.

Candidate profile and occupational areas

The type of professionalism that the educational programme aims at will guarantee the technical-scientific training necessary for participants to access specific sectors of the professional world. Meetings with doctors and specialised staff, visits to hospitals and public and private social-healthcare facilities, studies of sustainable buildings in the healthcare sector are planned, as well as collaborations with the public healthcare company, private healthcare facilities and professional architecture and engineering firms that will provide qualified experts who will collaborate with the master in theoretical-didactic matters as well as welcoming students to their companies during the Fall internship. In addition to the main profiles of specialists in design, project managers in construction and managers in the management of various types of healthcare facilities, the professional profiles that will be formed during the master programme will also be those of professionals who in general want to deepen their knowledge of designing the built environment, design made increasingly complex by climate change, the increase in the rate of diseases due to contaminated land and continuous changes in organisational and management structures in healthcare. With a broad horizon, and therefore aimed at a more varied pool of potential participants, the IUAV Master has as its ultimate objective that of providing students with the tools to become expert professionals, capable of simultaneously exploiting knowledge of Italian culture and cutting-edge scientific and technological capabilities to design bearers of well-being, more welcoming, healthy and sustainable environments.

EDUCATIONAL PROGRAMME

The programme, aimed at master graduates in architecture, design and engineering, who wish to acquire or deepen specific skills in the area of design, construction and management of a healthcare facility and the city that takes care of people, consists of a semester of theoretical courses held by IUAV professors and professionals in the sector divided into three main areas:

- Theory, safety, regulations and preliminary architectural design of a hospital or social-health facility;
- Architectural design and interior design of a hospital or social-health facility;
- City care, well-being infrastructure and design of community assistance and support centres.

At the end, an internship and a design thesis are planned to be carried out at a company in the sector or professional firms. The training path is characterised by a broad interdisciplinary experience. The academic objectives are 60 credits, of which 45 credits obtained with the theoretical courses and 15 with the company internship and the thesis. Upon completion of the course, the title of Master Universitario di II livello will be awarded.

Course description

The master course will be organised as follows:

Module I - Preparatory to the architectural design of a hospital or social-health facility (15 CFU) (5 weeks); Module II - Architectural design and layout of a hospital or social-health facility (15 CFU) (5 weeks); Module III - Sustainable design for the care of the built environment, community care and support centres (15 CFU) (5 weeks); Module IV: Internship and design thesis at companies in the sector or professional firms (13 weeks); Final Jury and Presentation of the Master Thesis.

Course length

One year, for a total of 1500 hours, of which 375 hours of classroom teaching and 750 hours of individual study. To complete the course, a three-month internship (375 hours) is planned, with mandatory attendance, in companies in the sector or professional studios with which the IUAV University of Venice will establish an agreement necessary to validate the Master degree.

Scientific Director

Caterina Frisone, Università IUAV di Venezia, frisone@iuav.it

Admission

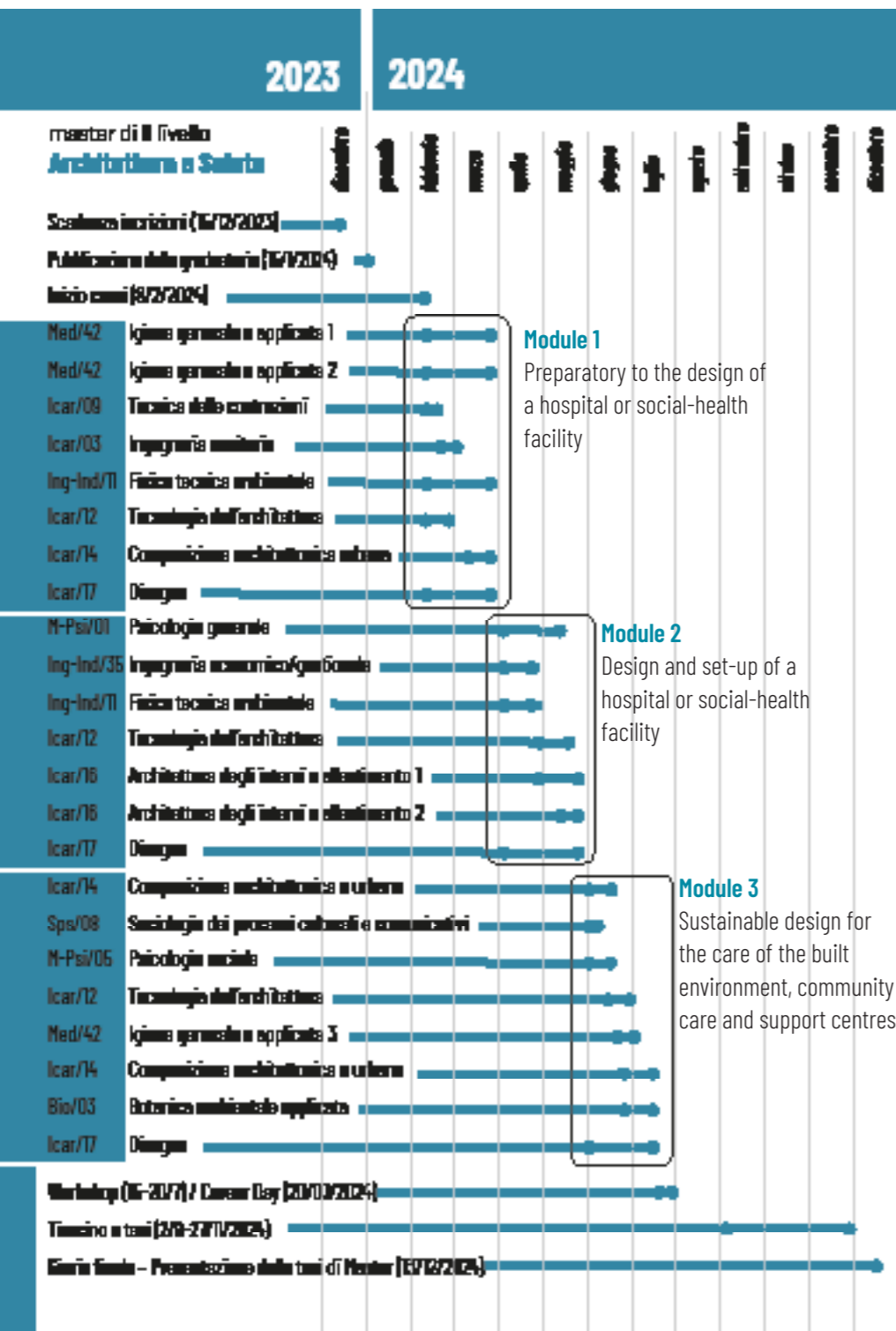
Students with a master or specialised degree or a three-year degree + 1-year master degree in Architecture, Engineering or similar disciplines are admitted and who, at the sole discretion of the judging committee, have an adequate curriculum to successfully complete the course. If in possession of a foreign qualification, students with a 4-year three-year degree or a 3-year three-year degree + 1-year master degree are admitted. The maximum number of students expected is 15, the minimum number is 8.

Registration fee

The participation fee for the Master in Architecture and Health is €5,500 + stamp duty and includes: theoretical courses, the thesis laboratory, the workshop, the company internship, basic course materials. The fee does not include transportation costs for visits or conferences, drawing and modeling materials, published or printed materials. Expense reimbursements during the company internship are not provided. Full and partial scholarships are planned to be awarded according to the admission ranking.

Course schedule and locations

Thursday 2-7 pm and Friday 9 am-1 pm / 2-7 pm; Saturday 9 am-1 pm. Module I: Ospedale dell'Angelo, Mestre and Palazzo Badoer, Venice; Module II and III: Palazzo Badoer, Venice



calendar of activities

2024

18 November Deadline for submitting applications and payment of the registration fee

2 November Publication of the ranking, assignment of scholarships and deadline for payment of the participation fee

2025

January 23 - July 25 Master Courses

17-18 / 24-25 July Workshop / Career day

8 September - 26 November Internship and master thesis at companies in the sector or professional firms

12 December Final Jury - Presentation of the Master Thesis

2025 online activity calendar

<https://docs.google.com/spreadsheets/d/1xlfmF8AawlaeM71QBnmyJdVrhKoB542e-5EgVGXm5yJQ/edit?gid=0#gid=0>

Informazioni e presentazione della domanda

Ufficio Master e Career Service, master@iuav.it

<https://www-archive.iuav.it/Didattica1/MASTER1/COME-FARE/COME-SI-AC/>

Iuav University of Venice guarantees equal opportunities. The Master Programme encourages the applications and enrollment of qualified candidates who can contribute to the diversity and excellence of the academic community.

REGIONE DEL VENETO



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Architettura e Salute

master di II livello

Università Iuav di Venezia

Course programme
a.a. 2024-2025

Application submission

< 18 November 2024