



**ADMISSION CALL JOINT II LEVEL MASTER COURSE
"INTERNATIONAL MASTER COURSE in MOUNTAIN EMERGENCY
MEDICINE"**

A.A. 2021/2022 - 2022/2023

The University of Insubria and the University of Milan-Bicocca propose the 2nd level joint Master's degree called "**International Master Course in Mountain Emergency Medicine**". Director of the Master: Prof. Giulio Carcano, Co-Director: Prof. Gianfranco Parati.

1. GOALS OF THE MASTER COURSE

The International Master Course in Mountain Emergency Medicine born from a joint project of the University of Insubria and the University of Milan-Bicocca in agreement with EURAC-Bolzano and with the collaboration of the most important universities, and private/public health organizations, active in the field of mountain and emergency medicine.

This course is certified by the International Mountain Medicine Societies (UIAA Medcom, CISA - Ikar and ISMM - International Society Mountain Medicine) for the theoretical-practical didactic characteristics, acquired in the two-years educational path. It is guarantee a complete preparation to face health emergency situations during mountaineering practice, or in catastrophic events in every part of the world.

The Master born as a University of Insubria project, shared with the Italian Auxological Institute (IRCCS) and the University of Milan-Bicocca, which will perform complete academic educational path with excellent professionalism, and will guarantee a widespread media diffusion in the national and international university, and intra-extra hospital, field.

Collaborations with University of New Mexico and EURAC Research, and ongoing collaboration agreements with Denali Park in Alaska, Air Zermatt Training Center represent a prestigious worldwide acknowledgment of the course.

The aim of the Master is to train extra-hospital emergency-urgency doctors and paramedics who will acquiring the highest level of theoretical and practical knowledge in mountain emergency medicine, guaranteed by the professionalism and competence of international teachers. The students





know how to move and how to operate at best in difficult conditions, not only in the impervious and mountainous environment, but also in situations of danger derived from extreme sports practice. In the last years moreover, the frequent catastrophic environmental events require, and will require even more in the future, a professionally dedicated rescue team, able to operate in stress conditions, and in unusual contexts, due to the possible involvement of numerous victims.

The Master is addressed to doctors and paramedics already active in the field of intra-and extra-hospital emergency-urgency, in good physical condition; they will reach a very high specialization in the conventional terrestrial rescue and in helicopter rescue, able to guarantee the best treatment of traumatized patients, in extreme mountains conditions and in catastrophic events.

2. PROGRAM

DIDACTICAL ACTIVITIES OR MODULES	TEACHING HOURS	EXAM (written, oral)	MAR K (passed or - mark/30)	ECTS
Basic medicine and treatment of the High Altitude illnesses	59	Oral and practical	mark/30	6
Pathology and treatment of hypothermia and hyperthermia and hyperbaric medicine	40	Oral	mark/30	4
Traumatology on mountain-diagnosis and treatment	42	Oral	mark/30	4
The Mountain Emergency and Rescue	158	Oral	mark/30	8
The Doctor and the mountain	45	Oral	mark/30	4
The Doctor and the mountaineering practice	68	Theoretical Practical	mark/30	6



DIDACTICAL ACTIVITIES OR MODULES	TEACHING HOURS	EXAM (written, oral)	MAR K (passed or - mark/30)	ECTS
Emergency medicine	106	Theoretical\ Practical	mark/ 30	6
Training on the field	300	Theoretical\ Practical	Passed / failed	11
project work/ final dissertation	2			11
TOTAL				60

The program is organized with an overall workload of 1500 hours:

- 518 hours of theoretical-practical lectures;
- 300 hours of theoretical-practical activities on emergency, conventions and workshop;
- 198 hours of e-learning;
- 300 hours of study and preparation of the final dissertation;
- 184 hours of individual study.

Sono previste prove di verifica al termine delle lezioni (prova orale e/o pratica) e una prova finale per il conseguimento del titolo.

3. PERIOD AND SEAT

The Master will start in April 2022 and will end in December 2023. Lessons will take place approximately from Monday to Friday in weekly cycles from 8.00 to 18.00. The schedule of the lessons may undergo variations during the course in consideration of the particular conditions - changeability and danger of the mountain / inaccessible environment - and the difficulty of coordination between numerous and often long distance located institutions and structures.

The educational activities will take place at the University of Insubria (referent site) and other locations including: Institute of Mountain Emergency Medicine at EURAC (Bolzano), University of New Mexico (Albuquerque, Grand Canyon, Sandia Mountains) and University of Milan - Bicocca (Milano). Locations may be extended by ongoing collaboration agreements with Alpine Rescue Center / Air Zermatt (Zermatt), University of Grenoble (Grenoble and Alpe D'Huez), Bergwacht Bayern Simulation Center (Bad Toelz). Practical lessons in the field to be defined.



Ongoing internship agreements are planned also with:

The internship will be probably carried out at: Fondazione Montagna Sicura, Courmayeur, dir. G. Giardini; Bergwacht Bayern, dir.H. Streibel; Institute for Snow and Avalanche Research, Davos, dir. J. Schweizer; Emergency Department, Niguarda Ca' Granda Hospital (Dir. O. Chiara), Milan, Department of Cardiology. S. Luca Hospital, IRCCS, Italian Auxological Institute, and others.

It is necessary for practical part in the mountain and impervious field complete mountaineering and ski-mountaineering equipment (the students will be followed up regarding this aspects).

4. AVAIBLE PLACES

A maximum number of 12 (twelve) participants will be admitted to the Master Course.

The Course will start only with the established minimum number of participants, 10 (ten), and in any case only if a balanced budget is guaranteed.

5. ADMISSION REQUIREMENTS

Those who meet the following requirements may be admitted:

- post-graduate degree in Medicine and Surgery obtained under the D.M. 509/99 or of the Ministerial Decree 270/2004, or a degree in Medicine and Surgery obtained according to the legal systems prior to the Ministerial Decree 509/1999 or of the Ministerial Decree 270/2004 or equivalent qualification, or other qualification obtained abroad deemed suitable;
- it is preferable work activity for at least 1 years in the U.O. emergency-urgency, operating room, mountain rescue, land and sea;
- Certification of suitability for competitive sports.
- Registration to an Alpine Club officially recognized by the UIAA.

N.B.: Insubria supplementary extra-masonry insurance will be activated following CAI registration.

6. FEES



The admission fee for pre-enrollment classification is set at € 20.00 (twenty / 00) and must be paid in a single payment using the payment notification attached to the online registration.

The enrollment fee for the Master is set at € 9,000.00 (ninetousand /00) for each participant, according to the procedures that will be indicated in the admission ranking list of the Course and to the following expiration dates:

- 5,000.00 euro to be paid upon enrollment (due date established with the admission ranking list);
- 2,000.00 euro to be paid by 30 August 2022;
- 2,000.00 euro to be paid by 30 October 2022;

According to the "Regolamento in materia di contribuzione studentesca A.A. 2021/2022", the following charges are established for late payments: up to 30 days from the deadline: euro 50.00; over 30 days from the deadline: euro 100.00.

APPLICATION PROCEDURE

The application for admission to the master must be submitted using only the online procedure by connecting to the University of Insubria website (www.uninsubria.it) from any personal computer **no later than 12:00 on March 30, 2022.**

Interested parties should log on to the web page <https://uninsubria.esse3.cineca.it/Start.do>, register by entering the following data: tax code, personal data, address, telephone number and e-mail address. With the username assigned and the chosen password, they must log in, click on the "Admission test" and register for the competition called "*International Master Course in Mountain Emergency Medicine*".

During the registration procedure, will be required to upload a valid identity document and to enter the data relating to the academic qualifications obtained in professional career path, with the relative classification.

The declaration of the qualification can be uploaded in one of the following forms:

- substitutive declaration of certification attesting the qualifications obtained;
- certification of achievements in revenue stamps (only if already held by the interested party).

At the end of the registration procedure, the candidate must provide for the payment of the contribution of € 20.00 through the electronic printable payment notice by clicking on the "Payments" button. Payment of the € 20.00 contribution must be made **no later than March 30 2022.**



Registration, online registration, documentation upload and payment of € 20.00 each form an integral part of the application for admission to the competition.

The registration receipt must be signed and delivered to the Department of Medicine and Surgery attaching:

- receipt of the payment of € 20.00;
- curriculum vitae;
- photocopy of identification document.

The documents must be delivered by **March 30 2022** in one of the following ways:

- by e-mail (scan of signed documents) to the address:

master.med.montagna@uninsubria.it;

- with hand delivery, at the Department of Medicine and Surgery, via Guicciardini, 9, 21100 Varese;

by registered letter with acknowledgment of receipt at the address: Department of Medicine and Surgery, via Guicciardini, 9, 21100 Varese; specifying on the envelope "International Master enrollment in mountain Emergency Medicine". The Registered letter must be received no later than **March 30 2022**

The amount of € 20.00, as admission fee to the competition, will not be returned under any circumstances, even in the case of incorrect payment.

Failure to complete the application in the manner described above determines the inadmissibility of the competition exam. Incomplete applications will be rejected.

Applications received after the deadline or according to methods other than those indicated will not be accepted. The deadlines for submitting applications for admission to the competition are mandatory.

In case of difficulty in online registration contact master.ateneo@uninsubria.it

FOREIGN OR ITALIAN CANDIDATES IN FOREIGN STUDY CERTIFICATE POSSESSIONS must follow the same procedure and - by the deadline for submission of applications for admission on **March 30, 2022**.

- present themselves, by appointment, at the Students' Secretariat office of membership, with the application form filled in and signed by the applicant and the documentation relating to the qualification obtained abroad (translated and legalized qualification, declaration of value and certificate of exams taken and related translated and legalized programs). Those who fail to obtain the required documentation in time may be admitted with reserve. The same are required to deliver the academic qualification, translated and legalized and the declaration of value by the registration date.



If the qualification was obtained at European universities it is possible, as an alternative to the Declaration of Value, to present the Diploma Supplement, legalized by the competent authorities.

The University reserves the right to request the "declaration of value on the spot" in any case in which there are doubts about the validity of the title.

7. RULES AND SELECTION RESULTS

The selection admission test will be performed by evaluation of professional and training qualifications (professional and mountaineering Curriculum Vitae).

At the end of the selection a ranking will be drawn up and published on the website: <https://www.uninsubria.it/la-didattica/master>.

The publication replaces all personal communication.

Against the final action, a judicial appeal may be submitted to the Regional Administrative Court or an extraordinary appeal to the Head of State respectively within 60 or 120 days from the publication of the ranking list, otherwise the aforesaid provision may be unobjectionable.

To the admitted candidates may moreover be asked to:

- take a practical test that will aim to verify the correct knowledge of basic climbing maneuvers in the alpine environment.

8. ENROLLMENT

The admitted candidates, under penalty of forfeiture, must provide for the registration according to the procedures and deadlines indicated simultaneously with the publication of the ranking list.

9. INCOMPATIBILITY

Simultaneous enrollment in more than one course of study in the same academic year is not permitted. The student who violates the aforementioned norm is required to formalize the renouncement to the first course of study to which he / she had enrolled, no later than 15 days from the communication, under penalty of the annulment of each matriculation subsequent to the first one (art. 2, comma 2 of the University Regulations for students).



12. TITLE ATTAINMENT

To obtain the Joint II Level Master's Degree in International Master Course in Mountain Emergency Medicine it is necessary to attend at least 75% of the training hours provided, pass the exams related to the individual modules, as well as a final examination.

It will also be necessary to make the payment of € 16.00 (sixteen / 00) as payment for the virtual stamp duty for the printing of the master's diploma.

The qualification awarded has academic value and provides for the acquisition of 60 university educational credits (CFU) over the entire educational course.

13. PERSONAL DATA TREATMENT

Pursuant to Regulation (EU) 2016/679, the processing of personal data will be carried out using manual, computerized and telematic instruments, however, suitable for guaranteeing the security and confidentiality of the data. Data collection takes place in compliance with the principles of lawfulness, correctness, relevance, completeness and non-excessiveness in relation to the purposes for which they are processed.

Personal data is processed in compliance with the principles of lawfulness, correctness and transparency, provided for by law, with the aid of instruments designed to record and store the data and in any case in such a way as to guarantee their security and protect the utmost confidentiality of the interested.

The management and storage of personal data collected takes place at the University and / or at suppliers of services necessary for technical and administrative management which, for the sole purpose of the service requested, could be made aware of the personal data of the interested parties appointed as Data Processors pursuant to art. 28 of the Regulation (EU) 2016/679. More details in the attached information.

14. DISCLOSURE ON THE APPLICATION OF THE RULES FOR PREVENTION OF CORRUPTION

The University, in implementation of the relevant legislation, has adopted its own "Three-year plan for the prevention of corruption" and appointed the Manager.

The three-year plan is published on the institutional website at <https://www.uninsubria.it/istruzione-trasparente/disposizioni-general/piano-triennale-prevention-of-corruption-e>.



Any reports can be sent to the address: anticorruzione@uninsubria.it

15. RESPONSIBLE FOR THE PROCEDURE

Pursuant to the provisions of art. 5 of Law 241/1990 and subsequent amendments and additions (law 11th February 2005 n. 15 and law 14th May 2005 n. 80), the person in charge of the procedure referred to in this announcement, as far as his authority permits, is Dr. Isabella Bechini, head of Office Post Lauream

For matters not specifically set out in this announcement, the University of Insubria complies with current legislation.

For information about the admission procedure, please contact:

Ufficio Post Lauream - Via Ottorino Rossi n.8 - 21100 Varese

e-mail: master.ateneo@uninsubria.it

For information about the Course organization, please contact:

Università degli Studi dell'Insubria - Dipartimento di Medicina e Chirurgia
- Via Guicciardini, 9 21100 Varese - tel. 0332/393606.

e-mail: master.med.montagna@uninsubria.it

Varese, *date of digital signature*

Il Rettore
Prof. Angelo
Tagliabue



**UNIVERSITÀ DEGLI
STUDI DELL'INSUBRIA**

Bando di ammissione al
Master congiunto di II livello
in
**International Master
Course in Mountain
Emergency Medicine**
A.A. 2021/22

Responsabile del Procedimento Amministrativo (L. 241/1990): Dott.ssa Isabella
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