



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

**A.A. 2019/2020 - 2020/2021**

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 is 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 guarantees 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 shared project with the Italian Auxological Institute (IRCCS) and the University of Milan-Bicocca, will perform complete academic educational path with excellent professionalism. A widespread media diffusion in the national and international university world and intra-extra hospital field is therefore guaranteed.

Collaborations with Air Zermatt/Training Center, AREU Lombardy-Teaching Center, and with the University of New Mexico and Denali Park in Alaska, 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 acquire the highest level of theoretical and practical knowledge in mountain emergency medicine, guaranteed by high level professional skills of international teachers. The students will 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. Moreover, with the frequent catastrophic environmental events happened in the last years, that will most likely happen again in the future, a professionally dedicated rescue team, able to operate in stressful conditions and in unusual contexts is needed, considering also the possible involvement of numerous victims.

The Master is addressed to doctors and paramedics already active in the field of intra-extra hospital emergency-urgency system, in good physical condition.

They will reach a very high specialization in the conventional terrestrial rescue and in helicopter rescue being able to guarantee the best treatment of traumatized patients, in extreme mountains conditions.

## **2. PROGRAM**

DIDACTICAL ACTIVITIES OR MODULES	N. HOURS	EXAM (oral, practical)	MARK (passed, failed or mark/30)	ECTS
Basic medicine and treatment of the high altitude illnesses	59	Oral/ practical	mark/30	5
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 Emergency on mountain	158	Oral	mark/30	8
The Doctor and the mountain	46	Oral	mark/30	4
The Doctor and the mountaineering practice	68	Theoretic al\ Practical	mark/30	5
Emergency medicine	105	Theoretic al\ Practical	mark/30	6
Training on the field	300	Theoretic al\ Practical	Passed/ failed	12
Project work and final dissertation	300			12
<b>Total ECTS Master</b>				<b>60</b>

The program is organized with an overall workload of 1561 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;
- 245 hours of individual study.

There will be tests of verification at the end of each modules and a final test for obtaining the title.

### **3. PERIOD AND AVAILABILITY**

The Master will start in April 2020 and will end in December 2021. 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)/University of Milano Bicocca and other locations including: Alpine Rescue Center / Air Zermatt (Zermatt), Institute of Mountain Emergency Medicine at EURAC (Bolzano), University of New Mexico (Albuquerque, Grand Canyon, Sandia Mountains), University of Grenoble (Grenoble and Alpe D'Huez), Mosso Institute / University of Turin (Alagna Valsesia and Capanna Margherita), Bergwacht Bayern Simulation Center (Bad Toelz), CESAMU (Lugano). Places for practical field lessons will be defined. The internship will also be carried out at Mountain Medicine Department of Aosta-Hospital, 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 Dir. G. Parati, Milan, AREU-Teaching Emergency Center, Dir A. Zoli and others.

Complete mountaineering and ski-mountaineering equipment is needed for the practical part in the mountain and impervious field (the students will be followed up regarding these aspects).

### **4. PLACES AVAILABLE**

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, 8 (eight), 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 D.M. 270/2004, or a degree in Medicine and Surgery obtained according to the legal systems prior to the D.M. 509/1999 or of the D.M. 270/2004 or equivalent qualification, or other qualification obtained abroad deemed suitable;
- diploma of specialization in Anesthesia and Intensive Care, Emergency surgery or similar related specialization, and / or work activity for at least 1 year in the emergency-urgency Unit, operating room, mountain rescue, land and sea;
- Certification of suitability for competitive sports;
- Registration to an Alpine Club officially recognized by the UIAA.

## **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 (ninethousand/00) for each participant, to be paid € 6000 at enrollment and € 3000 by January 2021.

## **7. 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](http://www.uninsubria.it)) from any personal computer **no later than 12:00 on April 6th, 2020.**

Interested parties should log access to the web page <https://uninsubria.esse3.cineca.it/Start.do> and 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, it will be required to upload a valid identity document and to enter the data relating to the academic qualifications obtained in the 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 April 6th, 2020**.

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

The documents must be delivered by 6 April 2020 in one of the following ways:

- by e-mail (scan of signed documents) to the address:  
[master.med.montagna@uninsubria.it](mailto:master.med.montagna@uninsubria.it);
- by 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 6 April 2020.

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 deadline for submitting applications for admission to the competition is mandatory.

In case of difficulty in online registration contact [master.ateneo@uninsubria.it](mailto:master.ateneo@uninsubria.it)

FOREIGN OR ITALIAN CANDIDATES POSSESSING FOREIGN STUDY CERTIFICATE must follow the same procedure, ask for an



appointment and by the same deadline for application , **April 6th 2020** go to 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 will fail to obtain the required documentation in time might be admitted with reserve. They will be 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 university it is possible to present the Diploma Supplement, legalized by the competent authorities, as an alternative to the Declaration of Value. The University reserves the right to request the "declaration of value on the spot" in of doubts about the validity of the title.

## **8. RULES AND SELECTION RESULTS**

The selection will be performed by evaluating 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.

## **9. ENROLLMENT**

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

## **10. 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 Regulation 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.

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 are 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 by suppliers of services necessary for technical and administrative management who 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 for the sole purpose of the service requested. More details in the attached information.

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

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

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](mailto: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 Isabella Bechini, head of the Post Lauream Office.

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, 9 - Padiglione Antonini - 21100 Varese

e-mail: [master.ateneo@uninsubria.it](mailto: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 fax 0332/393280.

e-mail: [master.med.montagna@uninsubria.it](mailto:master.med.montagna@uninsubria.it)

Varese, *data della firma digitale*

Tagliabue  
*digitalmente*

Il Rettore  
Prof. Angelo

*Firmato*