



scholarships  
may be available

UniMi Online Post-Graduate Vocational Master in Global Health



UNIVERSITÀ  
DEGLI STUDI  
DI MILANO

**FIRST SEMESTER:** 27th October 2021 to 25th February 2022.

**SECOND SEMESTER:** From 28th February to 24th June 2022.

**MODALITIES:** Lessons and exercises held online. Three quizzes test will be held: **31st January** from modules C1.1 to C1.6; **2nd May** from modules C1.7 to C2.4; **30th June** from modules C2.5 to C2.9

**THESIS DISCUSSION DATE:** October 2022.

**STAGES:** **1.** Simulation online of country visit run by WHO Collaborating Centre in Infectious Diseases Management in Countries (PHCG), Tradate, Italy; **2.** Internship at San Raffaele Hospital in Milan: understanding modern laboratory technology in Global Health; **3.** Summer Internship (field experience) in low- and middle-income settings.

**ACHIEVEMENTS:** Graduation from 2nd Level Vocational Master (60 ECTS).

*"Health is the focus  
of future leaders"*

MACH is a joint venture between



UNIVERSITÀ  
DEGLI STUDI  
DI MILANO



Fondazione IRCCS Ca' Granda  
Ospedale Maggiore Policlinico

Sistema Socio Sanitario



Regione  
Lombardia

In partnership with

INTESA  SANPAOLO

# First semester Fall/Winter 2021-2022

27th October 2021 to 25th February 2022

MGH Code	Name of the course	CFU	Teaching time	Teacher
C1.1	Introduction to Global Health: definition, history and evolution	2	24h tot.	M. Raviglione (UniMI) and A. Flahault (UniGE) with contributions from A. Atzori (CUAMM), M. Dias (WHO), F. Rio (former WHO)
C1.2	Quantitative methods in Global Health: epidemiology & biostatistics	4	48h tot.	C. Monti (UniPV) and G. Sotgiu (UniSS)
C1.3	Research, evidence and policy making	4	48h tot.	B. Stoll and B. Kohlbrenner (UniGE), C. Lienhardt (IRD, France), Holger Schünemann (McMaster Uni), P. Muti (UniMI), E. Brenner (MD – Medical Epidemiologist)
C1.4	Monitoring & evaluation; Surveillance & demographic surveys	3	38h tot.	G. Gon (London School of Hygiene & Tropical Medicine), P. Glaziou (WHO), G. Piumatti (UniGE)
C1.5	Global Burden of Disease	2	24h tot.	R. Skolnik (former Yale Uni)
C1.6	Social and economic determinants of health	2	24h tot.	E. Missoni (Bocconi)
C1.7	The UN Sustainable Development Goals (SDGs) from a multidisciplinary perspective	3	38h tot.	S. Bocchi (UniMi) and A. Pablos-Mendez (Columbia Uni) with contributions from R. Bertolini (Advisor to the Minister of Health of Qatar), A. Battezzati, M. D'Amico, S. Galassi, V. Ingegnoli, C. La Porta, D. Lucini, M. Maugeri, L. Pilotti, L. Piazza, G. Diolaiuti (UniMi); A. Longo (Politecnico di Milano)
C1.8	Global infectious challenges	3	30h tot.	A. Gori and M. Raviglione with contributions from C. Alteri (UniMi), D. Cirillo (San Raffaele H), H. Getahun (WHO), A. Matteelli (UniBs), A. Montresor (WHO), S. Aliberti, and G. Rizzardini (UniMI)
C1.9	Global Health challenges	2	26h tot.	P. Muti, M. Cesari, C. Agostoni (UniMi), V. Mangiaterra (SDA Bocconi), D. Mosca (UCL Institute of Global Health) and L. Ragazzoni (UPO)

# Second semester Spring/Summer 2022

From 28th February to 24th June 2022

MGH Code	Name of the course	CFU	Teaching time	Teacher
C2.1	International cooperation and humanitarian action as tools in Global Health	2	24h tot.	G. Putoto (CUAMM), F. Castelli (UniBS) and with contributions from Msgr. R. Vitillo (ICMC)
C2.2	Health systems - Universal coverage, social protection, non-state sector	2	24h tot.	K. Lönnroth (Karolinska Inst.) and F. Tediosi (Swiss TPH Basel) with contributions from Fahrad Rihai (McGill University, Novartis) and Tido von Schoen-Angerer (former Executive Director MSG Global Access Campaign)
C2.3	Essentials of health economics	2	24h tot.	F. Tediosi (Swiss TPH Basel)
C2.4	Principles of health management	3	30h tot.	F. Lega (UniMI)
C2.5	Innovations in Global Health: the "omics" and digital health	2	24h tot.	D. Cirillo (San Raffaele H) and D. Falzon (WHO) with contributions from A. Story (UCL London), Z. Temesgen (Mayo Clinic USA), A. Merzouk (Swiss European Respiratory Society) and Y. Lee (WHO)
C2.6	Global Health at the Human-Animal-Ecosystem Interface	3	32h tot.	R. Ruiz de Castaneda (UniGE)
C2.7	Global Health and the law: international and national regulations	2	24h tot.	P.A. Villarreal (Planck Institute), C. Nannini* (WHO)
C2.8	Global Health diplomacy, governance and policies	2	24h tot.	B. Borisch (UniGE) and E. Missoni (Bocconi)
C2.9	Advocacy and communication for Global Health promotion	2	24h tot.	B. Borisch (UniGE) and F.Rio (former WHO)

*\*Institutional affiliation is provided for identification purposes only and does not constitute institutional endorsement. Any views or opinions expressed are personal and belong solely to the presenter and do not represent any people, institution or organization that the presenter may be associated with in a professional or personal capacity, unless explicitly stated.*

# Stages 2021/2022

MGH Code	Name of the course	CFU	Activity time	Format	Teacher
Internship 1	Online Internship: simulations of country visits and role-playing sessions.	2	50H	The stage simulates a country mission to review and monitor current practices in the control of major infectious threats such as HIV, TB, malaria, AMR and emerging epidemics	G.B. Migliori and L. D'Ambrosio (WHO Collaborating Centre - Maugeri Care and Research Institute, Tradate, Italy)
Internship 2	Internship to familiarize with modern technologies and their use in the response to Global Health threats. The Internship will take place from 4 to 6 May 2022	1	25H	The stage will be at laboratories in San Raffaele Hospital, Milan, Italy. It allows the students to familiarize with modern laboratory technology and work on "the omics", with special emphasis on genome sequencing	D. Cirillo (San Raffaele Hospital)
Internship 3	1-month summer on-site internship in low- and middle-income settings, in collaboration with different agencies	7	175H	The visit to low- and middle-income settings (Cameroon, Pemba/UR Tanzania, Ethiopia, eSwatini, Guatemala and Pakistan) will expose the student to the reality of operations in various fields in developing settings. It will be conducted in collaboration with the University of Geneva, Switzerland (Cameroon), Fondazione Ivo de Carneri, Milan (Pemba/UR Tanzania), MSC (Ethiopia, eSwatini, Guatemala) and Dopasi Foundation (Pakistan)	Agencies' local team

*It is through the education of future decision-makers and leaders that health and access to it will be prioritized in every sector when choices are made. To put it in simple words, we aim at building "health-sensitive" young generations of professionals!*



### **Mario Raviglione**

Graduated from the University of Turin and specialised in the USA (Cabrini Medical Centre, NY, and Beth Israel Hospital at Harvard Medical School, Boston) in internal medicine, infectious diseases and AIDS. He was director of the Global Tuberculosis Programme at the World Health Organization, Geneva, between 2003 and 2017. He is Full Professor in Global Health at the University of Milan and holds the appointment of Honorary Professor at Queen Mary University of London, UK.

**Contact:** [mario.raviglione@unimi.it](mailto:mario.raviglione@unimi.it)

### **Contact**

tel. 02 55034783

e-mail [mgh@unimi.it](mailto:mgh@unimi.it)

The ultimate “global health goal” of MACH - that offers the Online Vocational Master in Global Health - is to contribute to the development and implementation across disciplines, in full alignment with the United Nations Sustainable Development Goals (SDGs), of sound health policies and practices that ensure universal access to care and prevention for the most vulnerable people. To achieve this, multidisciplinary education targeting young generations of students that will become future leaders and decision-makers is essential.

