



UNIVERSITY OF MILANO-BICOCCA - SCHOOL OF MEDICINE AND SURGERY

MEDICINE AND SURGERY



PROGRAM DURATION

6 YEARS



START DATE

OCTOBER 2020



CREDITS

360 ECTS



TUITION FEE

FOREIGN STUDENTS WITH A BACHELOR DEGREE (EARNED ABROAD) WHO ENROLL IN MEDICINE AND SURGERY WILL BE ENTITLED FOR THE FOLLOWING BENEFITS:

1ST YEAR: FULL FEE WAIVER

2ND YEAR: € 600



LOCATION

BERGAMO, ITALY



CONTACT

SMS.INFO@UNIMIB.IT



COURSE DIRECTOR

MARIA GRAZIA

STREPPARAVA



PROGRAM DESCRIPTION

Uniquely positioned to meet the evolving needs of tomorrow's health care professionals, University of Milano-Bicocca's School of Medicine and Surgery (SMS) is a Master degree program in partnership with **University of Surrey (UK)**, University of Bergamo and the Papa Giovanni XXIII Hospital that endeavors to prepare graduating physicians for leadership positions in the health care sector. **Based in Bergamo**, the program has a revolutionary new medical curriculum integrating a rigorous program of basic science education with intensive clinical mentoring right from second year onwards. The program offers a multidisciplinary and inter-professional educational experience fostering an integration of knowledge and skills, open-mindedness, scientific and critical thinking, caring attitude, and a holistic approach to health care needs. The teaching methodology is based on **PBL (Problem Based Learning)** that facilitates knowledge acquisition, enhanced group collaboration and team learning across seven major physio-pathological integrated systems:

- Cardiovascular and Respiratory System
- Onco-Hematology
- Locomotor System
- Digestive Health
- Endocrine Kidney & Urinary Tract
- Neuroscience
- Woman and Child (Obstetrics Gynecology, Pediatrics).



CAREER PATH

The program integrates basic medical sciences and clinical sciences with professional skills and competencies throughout the program. A vast array of **specialty training pathways** are available after obtaining a master degree qualification in medicine. The course enables students to expand their understanding of health in a global context, develop inter-cultural consciousness and get prepared to leverage their skills in global health in both clinical practiced and research.

CURRICULUM

1ST AND 2ND SEMESTER:

BASIC SCIENCES , 14 ECTS
FUNDAMENTALS OF CELL BIOLOGY AND GENETICS, 11 ECTS
SCIENTIFIC AND MEDICAL ENGLISH, 4 ECTS
BASIC COMPUTER SCIENCE 9 ECTS
HUMANITIES, 8 ECTS
CLERKSHIP I, 4 ECTS
FUNDAMENTAL OF HUMAN MORPHOLOGY 5 ECTS
CLERKSHIP II, 5 ECTS

3RD AND 4TH SEMESTER:

BIostatISTICS, 4 ECTS
FUNDAMENTALS OF HUMAN PHYSIOLOGY, 4 ECTS
BASIC PATHOLOGY AND IMMUNOLOGY, 13 ECTS
BASIC PHARMACOLOGY, 4 ECTS
MEDICINE AND SOCIETY, 10 ECTS
IMAGE DIAGNOSTICS, 3 ECTS
BASIC CLINICAL SKILLS, 9 ECTS
CASE BASED LEARNING AND GENERAL CLINICAL PRACTICE,
9 ECTS
CLERKSHIP III, 2 ECTS

5TH AND 6TH SEMESTER:

LOCOMOTOR SYSTEM DISEASES, 14 ECTS
CLERKSHIP IV, 12 ECTS
ONCO-HEMATOLOGICAL DISEASES, 8 ECTS
INFECTIOUS DISEASES, 5 ECTS
SKIN AND CONNECTIVE TISSUE DISEASES, 6 ECTS
CLERKSHIP V, 8 ECTS
OPTIONAL ACTIVITIES, 3 ECTS
OPTIONAL ACTIVITIES, 2 ECTS

7TH AND 8TH SEMESTER:

CARDIOVASCULAR AND RESPIRATORY SYSTEM
DISEASES, 17 ECTS
CLERKSHIP VI, 12 ECTS
NEUROSCIENCE I, 7 ECTS
ENDOCRINE KIDNEY AND URINARY TRACT DISEASES, 10 ECTS
PUBLIC HEALTH, PREVENTIVE AND OCCUPATIONAL MEDICINE,
3 ECTS
CLERKSHIP VII, 8 ECTS
OPTIONAL ACTIVITIES, 3 ECTS

9TH AND 10TH SEMESTER:

NEUROSCIENCE II, 19 ECTS
CLERKSHIP VIII, 12 ECTS
DIGESTIVE HEALTH, 8 ECTS
HEAD AND NECK DISEASES, 8 ECTS
LEGAL MEDICINE AND HTA, 4 ECTS
CLERKSHIP IX, 11 ECTS

11TH AND 12TH SEMESTER:

WOMAN AND CHILD, 21 ECTS
CLERKSHIP X, 9 ECTS
THESIS CLERKSHIP, 20 ECTS
THESIS, 12 ECTS

DEGREE REQUIREMENTS

Min. high school diploma equivalent to at least 12 years of education. **Language Certification:** Certificate of proficiency in English corresponding to min. B2 level, issued by recognized institutions.

HOW TO ENROLL

All students need to take the IMAT – International Medical Admissions Test; updates concerning the same need to be checked on the website as well as the Call for Application. Admission procedures vary according to the student's nationality and place of residence. For complete clarity concerning different procedures, we invite those interested to consult our website. IMAT test will take place in September. PLEASE NOTE: Registration for the IMAT takes place ONLY via the University website <https://www.universitaly.it>

PLEASE NOTE: selected NO-UE students (requiring VISA) must complete the pre-enrolment to the Italian Embassy (or Consulate). The number of seats available are limited, therefore we request you to apply as soon as possible

PLEASE NOTE: late registrations are not possible in any case.

ACCOMMODATION AT BICOCCA

To book accommodation and learn about the costs and terms of your stay you can write to:

booking.bicocca.fms.it@sodexo.com.

Our University also offers scholarships to cover accommodation and living costs. For terms of application please consult: <https://www.unimib.it/servizi/diritto-allo-studio-tasse-150-ore/borse-studio>