



## INTERNATIONAL MASTER DEGREE

**PROGRAM DURATION**  
6 Years

**START DATE**  
October

**CREDITS**  
360 ECTS

**LANGUAGE**  
English

**LOCATION**  
Bergamo, Italy

**TUITION**  
Foreign students with a bachelor Degree (earned abroad) who enroll in SMS will be entitled for the following benefits:  
1<sup>st</sup> Year: Full fee waiver  
2<sup>nd</sup> Year: € 600,00

University of Milano-Bicocca  
School of Medicine and Surgery

# MEDICINE AND SURGERY

## DESCRIPTION OF THE COURSE

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 speciality 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.

## COURSE DIRECTOR

Maria Grazia Strepparava



## CURRICULUM

### 1<sup>st</sup> and 2<sup>nd</sup> 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

### 3<sup>rd</sup> and 4<sup>th</sup> 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

### 5<sup>th</sup> and 6<sup>th</sup> 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

### 7<sup>th</sup> and 8<sup>th</sup> 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

### 9<sup>th</sup> and 10<sup>th</sup> 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

### 11<sup>th</sup> and 12<sup>th</sup> Semester:

Woman and Child, 21 ECTS  
 Clerkship X, 9 ECTS  
 Thesis Clerkship, 20 ECTS  
 Thesis, 12 ECTS

common  
 teachings

at choice

## FURTHER INFORMATION

sms.info@unimib.it

## 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.

## ADMISSION PROCEDURE

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 the 12<sup>th</sup> of September 2019.

**PLEASE NOTE:** Registration for the IMAT takes places **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) in their country no later than 24th July 2019. 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.