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

www.unimib.it
CURRICULUM

1\textsuperscript{st} and 2\textsuperscript{nd} 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\textsuperscript{rd} and 4\textsuperscript{th} 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\textsuperscript{th} and 6\textsuperscript{th} 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\textsuperscript{th} and 8\textsuperscript{th} 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\textsuperscript{th} and 10\textsuperscript{th} 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\textsuperscript{th} and 12\textsuperscript{th} Semester:
- Woman and Child, 21 ECTS
- Clerkship X, 9 ECTS
- Thesis Clerkship, 20 ECTS
- Thesis, 12 ECTS

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\textsuperscript{th} of September 2019.

PLEASE NOTE: Registration for the IMAT takes places ONLY via the Universitaly 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.