



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Laboratori Professionalizzanti

2627-3-I0302D016

Aims

Knowledge and understanding – At the end of the course, students will have acquired knowledge of the organization, objectives and main operational fields of professional laboratory activities, with particular reference to autoimmunity, molecular biology, forensic medicine, parasitology, urinalysis, capillary electrophoresis and transfusion medicine laboratories.

Applying knowledge and understanding – Students will be able to recognize the main activities carried out in the different laboratory settings and understand the role of the Biomedical Laboratory Scientist within diagnostic and healthcare pathways.

Making judgements – Students will develop the ability to critically observe laboratory organization and recognize the importance of standard operating procedures, quality assurance and safety in laboratory practice.

Communication skills – Students will be able to use appropriate scientific and technical terminology and communicate effectively with healthcare professionals working in different laboratory settings.

Learning skills – Students will acquire the basic tools needed for independent learning and for further study of laboratory methodologies and the organization of the different fields of laboratory medicine.

Contents

Attendance to this activity fulfils the theoretic-practical education of TLB students, providing them with full professional competence.

Detailed program

Theory and practical skills regarding specific professional items and subjects of the professional qualifying examination.

Roles, duties and prerogative of the biomedical technician in the laboratories of clinical biochemistry, molecular biology, forensic, toxicology, clinical microbiology, protein electrophoresis, hematology and biomedical research.

Prerequisites

Teaching form

Attendance in the laboratory

Textbook and teaching resource

The Teachers will provide educational materials

Semester

First semester

Assessment method

Attendance

Office hours

By appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING
