



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Tirocinio 3

2627-3-I0302D046

Aims

The student, supervised by assistants and/or tutors, must:

KNOWLEDGE AND UNDERSTANDING

Demonstrate a solid foundation of theoretical knowledge of laboratory medicine in the fields of Clinical Biochemistry, Microbiology, Hematology, Immunohematology, Pathological Anatomy, Pharmacology, and Toxicology

APPLICATION OF KNOWLEDGE AND UNDERSTANDING

Ability to correctly perform the professional activities taught by the internship assistants
Ensure compliance with privacy regulations, the host company's policies, and hygiene and safety standards
Know the meaning and use of reference ranges
Know and correctly apply validation criteria
Know and correctly apply the company's protocol for managing critical values

JUDGMENT ABILITY

Ability to critically analyze the laboratory's organization
Appropriately use the resources made available and act professionally, following the principles of effectiveness and efficiency

SKILLS COMMUNICATION

Integrate into the laboratory environment and develop interpersonal skills, demonstrating the ability to work in a team
Ability to communicate clearly and appropriately within a workgroup

LEARNING ABILITY

Demonstrate a high level of commitment and responsibility during practical activities.
Ability to critically evaluate one's own practice and continuously improve one's skills through feedback from tutors/internship assistants

Contents

The objective of the third year internship activity is to provide the student with the technical knowledge that allows him to achieve complete professional competence

Detailed program

1. Relational skills and teamwork,
2. Appropriate use of resources, effectiveness, efficiency,
3. Privacy legislation, company policy, workplace hygiene and safety regulations,
4. Reference intervals, pathological values, critical values,
5. Validation criteria,
6. Analysis of the organization: strengths and critical points

Prerequisites

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Teaching form

Practical professionalizing activities

Textbook and teaching resource

The teaching material will be provided during the practical activities

Semester

First and second semester

Assessment method

1. Preparation of a written report by the student regarding the internship experience.
2. Evaluation conducted by tutors and internship assistants using the specific worksheets for the academic year.

3. Oral interview with questions related to the student's report and the practical activities completed during the internship, plus a practical dilution test and an interpretation of a blood group and a protein electrophoresis curve.

The final grade is expressed out of 30.

Office hours

By appointment required by mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING
