



UNICAMILLUS

Degree Course in Medical Radiology Techniques for Imaging and Radiotherapy

INTEGRATED COURSE: Final Exam

Number of ECTS Credits: 6

SSD: MEDS-26/B (ex MED/50)

PREREQUISITES

Musculoskeletal anatomy; principles of physics of radiodiagnostic equipment; radiodiagnostic techniques and methodologies; CT; MRI; Radiotherapy; and Nuclear Medicine.

EDUCATIONAL OBJECTIVES

In-depth study of radiodiagnostic, CT, MRI, Radiotherapy, and Nuclear Medicine techniques and methodologies.

EXPECTED LEARNING OUTCOMES

Knowledge and Understanding

Through this course, the student will be able to:

- understand radiodiagnostic, CT, MRI, Radiotherapy, and Nuclear Medicine techniques and methodologies;
- apply patient management procedures;
- understand radiation protection regulations.

Applying Knowledge and Understanding

At the end of the course, the student will:

- be able to independently perform radiodiagnostic, CT, MRI, Radiotherapy, and Nuclear Medicine examinations using the acquired knowledge.

Communication Skills

At the end of the course, the student will:

- be able to appropriately use specific technical terminology.

Making Judgements

At the end of the course, the student will:

- be able to make basic evaluations related to the topics covered.

Learning Skills

- The student will have acquired appropriate learning skills and methods to further develop and improve their competencies, also through consultation of scientific literature.

COURSE PROGRAMME

The final examination consists of an oral examination, including simulation of the acquired competencies, and discussion of a final dissertation prepared by the student under the supervision of a Supervisor (who must be a faculty member of the Degree Course).

TEACHING METHODS

No teaching activities are предусмотред.

ASSESSMENT METHODS

Assessment criteria include: acquired knowledge, autonomy of judgement, communication skills, and learning abilities.

SUPPORT ACTIVITIES

Scientific articles.

RECOMMENDED TEXTS AND BIBLIOGRAPHY

Depending on the thesis topic, additional reference texts will be indicated.