



UNIVERSITÀ  
degli STUDI  
di CATANIA

DEPARTMENT OF BIOMEDICAL AND BIOTECHNOLOGICAL  
SCIENCES

Bachelor's Degree in Orthoptic and ophthalmologic  
assistance

Academic Year 2020/2021 - 1° Year

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# NEURORADIOLOGIA DIAGNOSTICA PER IMMAGINI E PATOLOGIA GENERALE

8 CFU - 2° Semester

## Teaching Staff

**ANTONIO BASILE** - Module DIAGNOSTICA PER IMMAGINI - MED/36 - 3 CFU

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## LEARNING OBJECTIVES

### ▪ General Pathology

Which certain information base scientific inherent cellular pathology and tissue suitable for the preparation of the student for those materials which will be used after the completion of training.

### ▪ NEURORADIOLOGIA

Aims of this module:

- 1) to give an accurate knowledge of diseases of Peripheral and Central Nervous System;
- 2) to show the different imaging modalities in the study of Peripheral and Central Nervous System;

## COURSE STRUCTURE

### ▪ General Pathology

Should teaching be carried out in mixed mode or remotely, it may be necessary to

**introduce changes with respect to previous statements, in line with the programme planned and outlined in the syllabus.**

▪ **NEURORADIOLOGIA**

Lessons (generally for 2 hours) as scheduled in the calendar – available in the following link:

[http://www.medicina.unict.it/Pagina/It/Didattica\\_1/Corsi\\_di\\_Laurea\\_1/Corsi\\_di\\_Laurea\\_di\\_I\\_livello.aspx](http://www.medicina.unict.it/Pagina/It/Didattica_1/Corsi_di_Laurea_1/Corsi_di_Laurea_di_I_livello.aspx)

Possibility of on-line lessons.

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## **DETAILED COURSE CONTENT**

▪ **General Pathology**

Introduction to General Pathology with detailed study of the causes of diseases, cellular pathology, inflammation, immunology, oncology.

▪ **NEURORADIOLOGIA**

The course promotes the knowledge of most important clinical features of Central and Peripheral Nervous System, in order to perform neuroradiological examinations in a pertinent mode to disease's features.

Main clinical features, with relative important radiological features, are listed for ischemic, haemorrhagic, infectious and neoplastic diseases.

Main congenital malformations are discussed, with particular regard to the study techniques, in order to reach a correct identification.

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## **TEXTBOOK INFORMATION**

▪ **General Pathology**

Pontieri: Patologia Generale (testo per professioni sanitarie)

▪ **NEURORADIOLOGIA**

1. Compendio di risonanza magnetica. Cranio e rachide. (Autore Giancarlo Dal Pozzo)
  2. Osborn's Brain (Editore Piccin)
  3. Neuroradiology: The requisites 4th edition (Autori Nadgir e Yousem)
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