

TEACHING ACTIVITY

Neurology constitutes a major part of medical practice and the medical sciences in general. For this reason the teaching activity of the Department of Neurological Sciences spans different levels from degree courses to postgraduate schools and a research doctorate in sleep medicine.

Teaching includes frontal lectures and practical activities, in-house training and optional courses.

The following scientific disciplines fall within the Department (in brackets the ID codes from the Ministry of Universities and Research):

(MED/26)	Neurology
(MED/39)	Child Neuropsychiatry
(MED/37)	Neuroradiology
(MED/27)	Neurosurgery
(MED/03)	Medical Genetics
(MED/25)	Psychiatry
(MED/48)	Nursing Sciences and Neuropsychiatric and Rehabilitation Techniques

Degree Courses

Teaching and research staff at the Department of Neurological Sciences are involved in 13 Degree Courses, 12 at the Faculty of Medicine and one at the Faculty of Motor Sciences for a total of 576 hours of frontal lectures in the academic year 2003-04:

- ▶Medicine and Surgery
- ▶Dentistry and Prosthodontics
- ▶Motor Sciences
- ▶Medical Biotechnologies
- ▶Neurophysiopathology Techniques
- ▶Physiotherapy
- ▶Logopaedics
- ▶Nursing
- ▶Orthotics and Ophthalmologic Care
- ▶Obstetrics
- ▶Podology
- ▶Orthopaedic Techniques
- ▶Social Work

In addition, practical training is undertaken at the Department as part of the Specialist Degree Course in Medicine, the three-year Degree Course in Neurophysiopathology Techniques and the Degree Course in Educational Sciences.

Student training activity for the Degree Course in Medicine entails weekly attendance in the wards, outpatient clinics and neurophysiology laboratories (EEG, EMG, polysomnography, etc.) at the Neurology Clinic, Bellaria Hospital and S. Orsola-Malpighi Hospital complex. In addition, the Department organizes optional courses comprising frontal lectures and practical activity.

The training period for the Degree Course in Neurophysiopathology Techniques entails 2000 hours of attendance throughout the three-year course at the EEG, EMG, Evoked Potentials and Polysomnography laboratories at the Neurology Clinic, Bellaria Hospital

and S. Orsola-Malpighi Hospital complex.

Lastly, the Department offers a 200-hour training course for students enrolled in the degree Course in Educational Sciences run by staff in the Child Neuropsychiatry sector (MED/39).

Postgraduate Schools

Postgraduate School in Neurology

Director: Prof. Agostino Baruzzi

Secretary: Prof. Paolo Tinuper

The School has been active since 1970 and is based at the Department of Neurological Sciences. The course lasts five years and three to four students are enrolled in each year.

The teaching facilities available to the School are located in the Neurology Clinic and comprise one main lecture hall with 120 places, three rooms seating thirty, one computer room and a library. Postgraduate students also have a study room with personal computers and internet points for twelve people.

Students enrolled in the Postgraduate School attend the lessons pertaining to the Neurology School curriculum (200 hours/year). From the first year students are also required to attend the departmental wards, outpatient clinics, study centres and laboratories on a full-time basis according to shifts planned and approved by the School Council. In particular, postgraduate students take part in all healthcare activities at the Neurology Clinic and carry out daytime shift duties under the guidance of the School's teaching staff. They are also involved in the Department's research activity. During their training postgraduate students also attend facilities allied to the School (the Neurology Unit at Bellaria Hospital and the Neurology Unit at S.Orsola-Malpighi Hospital Complex).

Teaching in the Postgraduate School is undertaken by all academic staff at the Department of Neurological Sciences and by University of Bologna academic staff belonging to other disciplines according to the teaching regulations of the Postgraduate School.

The School received ISO 2001 quality certification in 2004.

Postgraduate School in Child Neuropsychiatry

Director: Prof. Emilio Franzoni

Secretary: Dr. Margherita Santucci

The Postgraduate School in Child Neuropsychiatry is based at the Department of Neurological Sciences.

The course lasts five years with an average of three new students a year. Sixteen doctors are currently enrolled in the School. Each year includes 200 hours of frontal lectures plus a maximum of 20 hours additional courses.

Of the 395 hours of teaching distributed over the five years of the course, 250 hours belonging to the SSD MED/39 course in Child Neuropsychiatry and 110 hours belonging to the SSD MED/26 course in Neurology are undertaken by research and academic staff at the Department of Neurological Sciences. Neuroradiology (15 hours), Medical Genetics (20 hours) and Clinical Neuropsychology (20 hours) are undertaken by research and academic staff from the relative specialties in other Departments.

Most of the compulsory training of postgraduate students takes place in the Child Neuropsychiatry ward at the Neurology Clinic with access to the diagnostic and

research laboratories at the same facility. Under an ongoing agreement with the Child Neuropsychiatry Unit at the Primary Care Trust Department of Mental Health in Bologna, postgraduate students in the last three years of the course spend periods of training at the Unit.

Research Doctorates

Research Doctorate in Sleep Medicine

Coordinator: Prof. Pasquale Montagna

The Doctorate in sleep medicine was set up at the Department of Neurological Sciences in the academic year 1998/99. It is the only one of its kind in the European Union and is the outcome of forty years' research into sleep disorders at the Department.

The Doctorate is based at the Department of Neurological Sciences but as an interdisciplinary course of study other facilities including the Department of Human and General Physiology and the Department of Surgical and Anaesthesiological Sciences are involved. The Doctorate curriculum spans basic and clinical neurophysiology, the pathophysiology of sleep disorders and clinical research in the field of internal medicine and other specialities like otorhinolaryngology and maxillofacial surgery.

The course lasts three years with a minimum of three students. The first research doctorates were awarded in the academic year 2000/01.

In addition to the coordinator, ten academic staff from different medical areas are involved in the Doctorate programme.