

# Interuniversity Master and PhD Programme of NEUROSCIENCE

Year 2018-2019

Quality Certification by the Ministry of Education (2004-2010)  
Favourable evaluation of ANECA for the Mention for Excellence (2011)  
Member of the "Network of European Neuroscience Schools (NENS)"



## Universities

University of Vigo (UVIGO)  
University of A Coruña (UDC)  
University of Santiago de Compostela (USC)

## Objective

Our master is mainly oriented to provide a deep scientific education that allows the student to make the PhD Programme and develop the Doctoral Thesis in any field of Neuroscience (basic or clinic research) in the future.

## Structure of Master

**The students have to study 60 credits**

- 20 mandatory credits
- 21 optative credits (speciality)
- 19 End-of-master Project credits

**Two specialities**

1. Cognitive Neuroscience
2. Cellular and Molecular Neurobiology

**Teaching staff**

60 university and hospital doctors from the three universities.

**Teaching**

The subjects will be given from the university each teacher belongs to, the theoretical part could be followed through video conference for avoiding the shift.

## Target audience

Graduates and people with certification in Experimental Sciences and Health Sciences: Biology, Veterinary, Pharmacy, Medicine, Psychology, Biochemistry, Sea Sciences, Physiotherapy etc.

## Telematics enrolment

<https://matricula.uvigo.es/>

First call: **June 22th - July 2nd**

Enrolment: **July 18th-23th**

Second call: **August 24th -September 3rd**

Enrolment: **September 14th-17th**

Third call: **September 24th-26th**

Enrolment: **October 11th-12th**

Total vacancies: 50

UVIGO vacancies: 10

More information in the Secretary of the Faculty of Biology

## PhD Programme

Once the master is made, our students can enrol in the PhD of Neuroscience and Clinical Psychology with the aim to make their Doctoral Thesis and get the degree of Doctor. For that we have 40 research lines.

Graduates with an equivalent master can also enrol the PhD Programme (they have to be accepted previously by the Academic Committee).

## More information

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<http://www.usc.es/neurosci/>

Administrative information (Enrollment, fees...)  
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## Subjects of this Master

MANDATORY SUBJECTS		C
Nervous system cellular biology		4
Neurochemistry		4
Neuroanatomy		4
Nervous system physiology		4
Neuroscience of behaviour		4
End-of-master Project		19
OPTATIVES SPECIALITY COGNITIVE NEUROSCIENCE		
Psychophysiological techniques		3
Applied research in cognitive neuroscience		3
Superior psychic processes		3
Addictive behaviour		3
Nuclear exploration in neurology: SPET and PET. Digital Neuroimage		3
Computer neuroscience		3
Neurodegeneration and neurorepair		3
Basis of clinical neurophysiology		3
Basis of psychiatry		3
Basis of neurology		3
Computer and biological models of knowledge representation		3
OPTATIVES SPECIALITY CELLULAR AND MOLECULAR NEUROSCIENCE		
Basis of genomics and proteomics in neuroscience		3
Neuropharmacology		3
Techniques of molecular neurobiology		3
Nervous system development		3
Nervous system evolution		3
Comparative neuroanatomy		3
Neuroanatomical techniques		3
Ion channel and neuronal behaviour. Introduction to channelopathies.		3
Neuroendocrinology		3
Electrophysiological techniques		3
Neurotoxicology		3
<b>The speciality will appear in the European Supplement to the Degree (SET) if the students study at least 5 subjects of the speciality.</b>		